# PDCF collateral report for Monday, November 10 

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## RESTRICTED FR

Highlights for Monday, November 10

- Total PDCF borrowing continued to decline Monday, dropping $\$ 4.87$ billion to $\$ 62.5$ billion.
- Citigroup reduced its borrowing by $\$ 4.58$ billion (26.4\%) as compared to Friday. Merrill Lynch is the only participant having a meaningful increase in borrowing with an increase of $\$ 1.17$ billion.
- Merrill Lynch remains the largest participant with total borrowing of $\$ 24.7$ billion. Its collateral consists primarily of equities (35.6\%), corporate debt (14.6\%), and municipal debt (13\%).
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Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112


# Primary Dealer Credit Facility Collateral Report 

For Monday, November 10, 2008

## Highlights

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## Overnight Borrowings - in billions

| Dealer | $\mathbf{1 1 / 1 0 / 2 0 0 8}$ | $\mathbf{1 1 / 0 7 / 2 0 0 8}$ | $\mathbf{1 1 / 0 6 / 2 0 0 8}$ | $\mathbf{1 1 / 0 5 / 2 0 0 8}$ | $\mathbf{1 1 / 0 4 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 3.00 | 3.50 | 3.00 | 2.50 | 4.00 |
| Citigroup | 12.79 | 17.37 | 17.42 | 15.62 | 15.09 |
| Goldman Sachs | 7.00 | 8.00 | 9.00 | 10.50 | 11.00 |
| Merrill Lynch | 24.69 | 23.52 | 25.08 | 26.27 | 25.97 |
| Mizuho | 0.17 | 0.17 | 0.43 | 0.69 | 0.72 |
| Morgan Stanley | 14.87 | 14.83 | 15.73 | 16.07 | 16.20 |
| Total Borrowings | $\mathbf{6 2 . 5 2}$ | $\mathbf{6 7 . 3 9}$ | $\mathbf{7 0 . 6 7}$ | $\mathbf{7 1 . 6 4}$ | $\mathbf{7 2 . 9 7}$ |
|  |  |  |  |  |  |
| Total Collateral ${ }^{*}$ | $\mathbf{7 7 . 7 6}$ | $\mathbf{8 3 . 2 9}$ | $\mathbf{8 7 . 2}$ | $\mathbf{8 8 . 3 6}$ | $\mathbf{8 9 . 8 9}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{2 4 . 3 8 \%}$ | $\mathbf{2 3 . 5 9 \%}$ | $\mathbf{2 3 . 3 9 \%}$ | $\mathbf{2 3 . 3 4 \%}$ | $\mathbf{2 3 . 1 9 \%}$ |

[^0]PDCF Borrowing Trend


## Composition of Collateral Pledged for November 10 Borrowings - in millions

[^1]| Rating ${ }^{1}$ | Bank of America | Citigroup | Goldman Sachs | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treasury | - | - | - | 202.3 | - | - | 202.3 |
| Agency | - | 298.5 | 169.9 | 65.6 | - | 680.8 | 1,214.7 |
| AAA | 236.3 | 5,151.1 | 780.3 | 4,271.3 | 8.0 | 2,128.2 | 12,575.2 |
| AA | 10.0 | 2,422.9 | 167.4 | 782.4 | 40.5 | 984.5 | 4,407.7 |
| A | 144.3 | 1,344.9 | 206.2 | 1,676.2 | 134.8 | 1,158.5 | 4,664.9 |
| BBB | 217.8 | 618.6 | 223.5 | 1,596.3 | - | 858.0 | 3,514.1 |
| BB | 253.8 | 44.2 | 516.3 | 1,600.6 | - | 750.5 | 3,165.4 |
| B | 249.8 | 71.3 | 752.9 | 1,108.1 | - | 532.3 | 2,714.4 |
| CCC-C | 122.7 | 205.8 | 1,043.6 | 779.6 | - | 1,037.8 | 3,189.5 |
| D | 21.7 | 35.2 | 216.9 | 145.0 | - | 285.5 | 704.3 |
| A-1 | - | 0.6 | - | - | - | 2.8 | 3.4 |
| A-2 | - | - | - | - | - | 12.1 | 12.1 |
| A-3 | - | - | - | - | - | - | - |
| NP | - | - | - | - | - | - | - |
| Equity | - | 2,909.2 | 3,345.9 | 9,483.2 | - | 4,517.1 | 20,255.5 |
| Unkn Rtg (Triparty) | 1,982.3 | 593.4 | 139.7 | 4,953.1 | - | 3,114.3 | 10,782.8 |
| Unkn Rtg (non-Triparty) | - | - | - | - | - | 10,357.8 | 10,357.8 |
| Total Collateral | 3,238.7 | 13,695.6 | 7,562.6 | 26,663.6 | 183.3 | 26,420.4 | 77,764.3 |
| Total Borrowings | 3,000.0 | 12,790.0 | 7,000.0 | 24,688.6 | 171.3 | 14,868.7 | 62,518.6 |
| Collateral Cushion | 7.96\% | 7.08\% | 8.04\% | 8.00\% | 6.99\% | 77.69\% | 24.39\% |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $202,324,427$ | $0.26 \%$ |
| Agency | $1,214,749,706$ | $1.56 \%$ |
| AAA | $12,575,195,745$ | $16.17 \%$ |
| AA | $4,407,746,113$ | $5.67 \%$ |
| A | $4,664,910,733$ | $6.00 \%$ |
| BBB | $3,514,120,614$ | $4.52 \%$ |
| BB | $2,165,429,462$ | $4.07 \%$ |
| B | $3,714,375,306$ | $3.49 \%$ |
| CCC-C | $704,304,503$ | $4.10 \%$ |
| D | $3,412,096$ | $0.91 \%$ |
| A-1 | $12,129,194$ | $0.00 \%$ |
| A-2 | 24,331 | $0.02 \%$ |
| A-3 | $20,255,451,967$ | $26.05 \%$ |
| Equity | $10,782,753,712$ | $13.87 \%$ |
| Unkn Rtg (Triparty) | $10,357,806,643$ | $13.32 \%$ |
| Unkn Rtg (non-Triparty) | $77,764,280,835$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $5,434,216,173$ | $6.99 \%$ |
| Agency Debt | $643,847,023$ | $0.83 \%$ |
| Auction Rate | $3,386,175,282$ | $4.35 \%$ |
| CDs-CP-BAs | $657,762,064$ | $0.85 \%$ |
| CMBS | $119,743,599$ | $0.15 \%$ |
| Convertible Bonds-Domestic | $1,772,629,935$ | $2.28 \%$ |
| Convertible Bonds-Foreign | $225,124,920$ | $0.29 \%$ |
| Corporates-Domestic | $6,691,621,028$ | $8.61 \%$ |
| Corporates-Foreign | $2,150,093,590$ | $2.76 \%$ |
| Equity-Domestic | $17,458,129,841$ | $22.45 \%$ |
| Equity-Foreign | $2,797,322,126$ | $3.60 \%$ |
| Foreign Sovereigns-Domestic | $1,174,584,978$ | $1.51 \%$ |
| Foreign Sovereigns-Foreign | $426,120,756$ | $0.55 \%$ |
| MBS - Agency - CMO | $461,446,724$ | $0.59 \%$ |
| MBS - Agency - Pass Through | $109,455,959$ | $0.14 \%$ |
| MBS - Private (CMO) | $3,411,909,737$ | $4.39 \%$ |
| Muni | $16,255,182,080$ | $20.90 \%$ |
| Mutual Fund | $2,969,276,830$ | $3.82 \%$ |
| Other | $366,825,150$ | $0.47 \%$ |
| Supranational | $53,468,944$ | $0.07 \%$ |
| Swap Receivables - DW | $8,693,741,829$ | $11.18 \%$ |
| Treasury | $202,324,427$ | $0.26 \%$ |
| Whole Loans | $639,213,028$ | $0.82 \%$ |
| Whole Loans - DW | $1,664,064,814$ | $2.14 \%$ |
| Total | $77,764,280,835$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 4,573,850 | 0.14\% |
|  |  | BBB | 758,880 | 0.02\% |
|  |  | BB | 66,906,580 | 2.07\% |
|  |  | B | 58,642,172 | 1.81\% |
|  |  | CCC-C | 68,439,508 | 2.11\% |
|  |  | D | 20,791,656 | 0.64\% |
|  |  | Unkn Rtg (Triparty) | 137,458,462 | 4.24\% |
|  | CDs-CP-BAs | A-3 | 24,331 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 615,762,531 | 19.01\% |
|  | Corporates-Domestic | BBB | 1,251,102 | 0.04\% |
|  |  | BB | 98,946,852 | 3.06\% |
|  |  | B | 72,267,272 | 2.23\% |
|  |  | D | 131,076 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 306,153 | 0.01\% |
|  | MBS - Private (CMO) | BBB | 1,464,616 | 0.05\% |
|  |  | BB | 87,934,994 | 2.72\% |
|  |  | B | 117,730,968 | 3.64\% |
|  |  | CCC-C | 27,637,013 | 0.85\% |
|  |  | D | 807,557 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 2,657,991 | 0.08\% |
|  | Muni | AAA | 236,290,748 | 7.30\% |
|  |  | AA | 5,378,295 | 0.17\% |
|  |  | A | 144,303,507 | 4.46\% |
|  |  | BBB | 214,300,000 | 6.62\% |
|  |  | B | 1,179,568 | 0.04\% |
|  |  | CCC-C | 26,620,266 | 0.82\% |
|  |  | Unkn Rtg (Triparty) | 1,226,107,304 | 37.86\% |
|  | Dealer Total |  | 3,238,673,251 | 100.00\% |
| Citigroup | ABS | AAA | 269,931,366 | 1.97\% |
|  |  | AA | 217,853,508 | 1.59\% |
|  |  | A | 159,876,596 | 1.17\% |
|  |  | BBB | 43,280,608 | 0.32\% |
|  |  | BB | 27,361,996 | 0.20\% |
|  |  | B | 14,667,257 | 0.11\% |
|  |  | CCC-C | 44,368,958 | 0.32\% |
|  |  | D | 14,684,073 | 0.11\% |
|  | Agency Debt | Agency | 298,524,209 | 2.18\% |
|  | CDs-CP-BAs | A-1 | 601,979 | 0.00\% |
|  | Corporates-Domestic | AAA | 34,042,286 | 0.25\% |
|  |  | AA | 69,483,731 | 0.51\% |
|  |  | A | Page 2971 69f1,445 | 1.52\% |
|  |  | CCC-C | 161,397,211 | 1.18\% |
|  |  | Unkn Rtg (Triparty) | 75,535,746 | 0.55\% |
|  | Equity-Domestic | Equity | 2,909,218,287 | 21.24\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Muni (con't) | Unkn Rtg (Triparty) | 204,175,866 | 1.49\% |
|  | Mutual Fund | AAA | 1,867,275,000 | 13.63\% |
|  |  | Unkn Rtg (Triparty) | 313,657,273 | 2.29\% |
|  | Dealer Total |  | 13,695,601,179 | 100.00\% |
| Goldman Sachs | ABS | AAA | 234,942,075 | 3.11\% |
|  |  | AA | 92,828,714 | 1.23\% |
|  |  | A | 101,466,521 | 1.34\% |
|  |  | BBB | 166,758,601 | 2.21\% |
|  |  | BB | 52,811,378 | 0.70\% |
|  |  | B | 204,354,827 | 2.70\% |
|  |  | CCC-C | 234,221,612 | 3.10\% |
|  |  | D | 200,765,760 | 2.65\% |
|  |  | Unkn Rtg (Triparty) | 81,504,789 | 1.08\% |
|  | Corporates-Domestic | BB | 136,666,750 | 1.81\% |
|  |  | B | 274,405,686 | 3.63\% |
|  |  | CCC-C | 706,926,981 | 9.35\% |
|  |  | D | 9,932,215 | 0.13\% |
|  |  | Unkn Rtg (Triparty) | 840,033 | 0.01\% |
|  | Equity-Domestic | Equity | 3,345,883,089 | 44.24\% |
|  | MBS - Agency - CMO | Agency | 124,682,141 | 1.65\% |
|  | MBS - Agency - Pass Through | Agency | 45,191,523 | 0.60\% |
|  | MBS - Private (CMO) | AAA | 545,362,019 | 7.21\% |
|  |  | AA | 74,590,077 | 0.99\% |
|  |  | A | 104,760,770 | 1.39\% |
|  |  | BBB | 56,708,670 | 0.75\% |
|  |  | BB | 326,692,176 | 4.32\% |
|  |  | B | 274,118,398 | 3.62\% |
|  |  | CCC-C | 102,497,513 | 1.36\% |
|  |  | D | 6,060,108 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 57,392,780 | 0.76\% |
|  | Muni | BB | 147,812 | 0.00\% |
|  |  | D | 131,641 | 0.00\% |
|  | Dealer Total |  | 7,562,644,657 | 100.00\% |
| Merrill Lynch | ABS | AAA | 354,076,290 | 1.33\% |
|  |  | AA | 91,587,098 | 0.34\% |
|  |  | A | 71,829,645 | 0.27\% |
|  |  | BBB | 77,276,527 | 0.29\% |
|  |  | BB | 165,440,871 | 0.62\% |
|  |  | B | 183,479,232 | 0.69\% |
|  |  | CCC-C | 198,487,849 | 0.74\% |
|  |  | D | 110,607,812 | 0.41\% |
|  |  | Unkn Rtg (Triparty) | 195,209,578 | 0.73\% |
|  | Agency Debt | Agency | 1,207,949 | 0.00\% |
|  | Auction Rate | AAA | 2,709,878,462 | 10.16\% |
|  |  | AA | Page 1399122424 | 0.56\% |
|  |  | A | 166,536,616 | 0.62\% |
|  |  | BBB | 119,343,948 | 0.45\% |
|  |  | BB | 37,394,807 | 0.14\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | CMBS | Unkn Rtg (Triparty) | 13,066,742 | 0.05\% |
|  | Convertible Bonds-Domestic | AA | 3,224,517 | 0.01\% |
|  |  | A | 203,631,814 | 0.76\% |
|  |  | BBB | 209,018,303 | 0.78\% |
|  |  | BB | 58,709,056 | 0.22\% |
|  |  | B | 123,324,263 | 0.46\% |
|  |  | CCC-C | 69,522,721 | 0.26\% |
|  |  | D | 3,503 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 722,440,574 | 2.71\% |
|  | Convertible Bonds-Foreign | BBB | 12 | 0.00\% |
|  |  | BB | 532 | 0.00\% |
|  |  | B | 34 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 23,340,036 | 0.09\% |
|  | Corporates-Domestic | AAA | 77,842,980 | 0.29\% |
|  |  | AA | 53,689,462 | 0.20\% |
|  |  | A | 259,795,156 | 0.97\% |
|  |  | BBB | 174,616,303 | 0.65\% |
|  |  | BB | 101,064,062 | 0.38\% |
|  |  | B | 454,064,991 | 1.70\% |
|  |  | CCC-C | 418,367,566 | 1.57\% |
|  |  | D | 15,087,748 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 839,023,664 | 3.15\% |
|  | Corporates-Foreign | AAA | 39,122,652 | 0.15\% |
|  |  | AA | 113,678,178 | 0.43\% |
|  |  | A | 285,857,540 | 1.07\% |
|  |  | BBB | 271,798,766 | 1.02\% |
|  |  | BB | 430,656,335 | 1.62\% |
|  |  | B | 65,643,452 | 0.25\% |
|  |  | CCC-C | 49,522,976 | 0.19\% |
|  |  | D | 3,511,843 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 235,441,353 | 0.88\% |
|  | Equity-Domestic | Equity | 7,266,797,232 | 27.25\% |
|  | Equity-Foreign | Equity | 2,216,413,630 | 8.31\% |
|  | Foreign Sovereigns-Domestic | AAA | 716,142 | 0.00\% |
|  |  | AA | 4,855,944 | 0.02\% |
|  |  | A | 80,632,489 | 0.30\% |
|  |  | BBB | 141,971,320 | 0.53\% |
|  |  | BB | 680,711,645 | 2.55\% |
|  |  | B | 151,605,881 | 0.57\% |
|  |  | CCC-C | 5,307,899 | 0.02\% |
|  |  | D | 8,762,743 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 3,672,085 | 0.01\% |
|  | Foreign Sovereigns-Foreign | A | 115,651,099 | 0.43\% |
|  |  | BBB | 197,215,997 | 0.74\% |
|  |  | BB | 27,551,818 | 0.10\% |
|  |  | B | 61,265,626 | 0.23\% |
|  |  | D | Page 16 of 184881 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 1,720,581 | 0.01\% |
|  | MBS - Agency - CMO | Agency | 127,178 | 0.00\% |
|  | MBS - Agency - Pass Through | Agency | 64,264,436 | 0.24\% |
|  | MBS - Private (CMO) | AAA | 385,446,367 | 1.45\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | MBS - Private (CMO) (con't) | AA | 82,888,809 | 0.31\% |
|  |  | A | 107,709,071 | 0.40\% |
|  |  | BBB | 22,984,805 | 0.09\% |
|  |  | BB | 80,446,321 | 0.30\% |
|  |  | B | 63,547,079 | 0.24\% |
|  |  | CCC-C | 8,229,488 | 0.03\% |
|  |  | D | 916,528 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 43,660,406 | 0.16\% |
|  | Muni | AAA | 702,084,648 | 2.63\% |
|  |  | AA | 282,525,244 | 1.06\% |
|  |  | A | 377,938,317 | 1.42\% |
|  |  | BBB | 381,755,939 | 1.43\% |
|  |  | BB | 10,941,456 | 0.04\% |
|  |  | B | 919,277 | 0.00\% |
|  |  | CCC-C | 1,338,812 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 1,698,000,035 | 6.37\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 15,091,315 | 0.06\% |
|  | Other | BBB | 305,511 | 0.00\% |
|  |  | BB | 7,710,633 | 0.03\% |
|  |  | B | 4,207,397 | 0.02\% |
|  |  | CCC-C | 661,870 | 0.00\% |
|  |  | D | 5,690,884 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 348,248,856 | 1.31\% |
|  | Supranational | AAA | 2,115,834 | 0.01\% |
|  |  | A | 6,607,324 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 24,354 | 0.00\% |
|  | Treasury | Treasury | 202,324,427 | 0.76\% |
|  | Whole Loans | Unkn Rtg (Triparty) | 639,213,028 | 2.40\% |
|  | Dealer Total |  | 26,663,637,021 | 100.00\% |
| Mizuho | Corporates-Domestic | AAA | 8,014,433 | 4.37\% |
|  |  | AA | 40,504,235 | 22.09\% |
|  |  | A | 134,806,288 | 73.53\% |
|  | Dealer Total |  | 183,324,956 | 100.00\% |
| Morgan Stanley | ABS | AAA | 162,628,468 | 0.62\% |
|  |  | AA | 4,914,277 | 0.02\% |
|  |  | A | 14,855,730 | 0.06\% |
|  |  | BBB | 28,780,209 | 0.11\% |
|  |  | BB | 255,267,877 | 0.97\% |
|  |  | B | 100,895,252 | 0.38\% |
|  |  | CCC-C | 432,208,123 | 1.64\% |
|  |  | D | 206,574,990 | 0.78\% |
|  |  | Unkn Rtg (Triparty) | 260,846,601 | 0.99\% |
|  | Agency Debt | Agency | 344,114,865 | 1.30\% |
|  | CDs-CP-BAs | A-1 | 2,810,117 | 0.01\% |
|  |  | A-2 | 12,129,194 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 26,433,912 | 0.10\% |
|  | CMBS | BBB | 17,600 | 0.00\% |
|  |  | CCC-C | 163,413 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | Pag(6) 4050644 | 0.40\% |
|  | Convertible Bonds-Domestic | AA | 33,125 | 0.00\% |
|  |  | A | 7,973,427 | 0.03\% |

## Collateral Composition by Dealer (continued)

## RESTRICTED-FR

| Dealer | Collateral | Rating D | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Convertible Bonds-Domestic (con't) | BBB | 40,054,155 | 0.15\% |
|  |  | BB | 2,182,927 | 0.01\% |
|  |  | B | 7,930,346 | 0.03\% |
|  |  | CCC-C | 1,805,100 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 322,776,105 | 1.22\% |
|  | Convertible Bonds-Foreign | A | 239,929 | 0.00\% |
|  |  | BB | 2,586,196 | 0.01\% |
|  |  | B | 2,971,336 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 195,986,845 | 0.74\% |
|  | Corporates-Domestic | AAA | 45,781,049 | 0.17\% |
|  |  | AA | 81,940,234 | 0.31\% |
|  |  | A | 214,566,181 | 0.81\% |
|  |  | BBB | 589,514,916 | 2.23\% |
|  |  | BB | 57,085,070 | 0.22\% |
|  |  | B | 60,674,705 | 0.23\% |
|  |  | CCC-C | 456,580,071 | 1.73\% |
|  |  | D | 61,668,124 | 0.23\% |
|  |  | Unkn Rtg (Triparty) | 697,139,272 | 2.64\% |
|  | Corporates-Foreign | AAA | 19,237,148 | 0.07\% |
|  |  | AA | 2,474,586 | 0.01\% |
|  |  | A | 180,399,556 | 0.68\% |
|  |  | BBB | 20,705,424 | 0.08\% |
|  |  | BB | 81,840,124 | 0.31\% |
|  |  | B | 1,261,257 | 0.00\% |
|  |  | CCC-C | 14,847,083 | 0.06\% |
|  |  | D | 12,444,419 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 321,650,899 | 1.22\% |
|  | Equity-Domestic | Equity | 3,936,231,233 | 14.90\% |
|  | Equity-Foreign | Equity | 580,908,496 | 2.20\% |
|  | Foreign Sovereigns-Domestic | BB | 36,822,445 | 0.14\% |
|  |  | B | 47,335,176 | 0.18\% |
|  |  | CCC-C | 12,190,269 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 941 | 0.00\% |
|  | Foreign Sovereigns-Foreign | AAA | 545,180 | 0.00\% |
|  |  | AA | 4,440 | 0.00\% |
|  |  | BBB | 1,004,178 | 0.00\% |
|  |  | BB | 277,943 | 0.00\% |
|  |  | B | 20,448,050 | 0.08\% |
|  |  | D | 21,863 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 336,637,405 | 1.27\% |
|  | MBS - Private (CMO) | AAA | 10,085,611 | 0.04\% |
|  |  | AA | 6,477,192 | 0.02\% |
|  |  | A | 861,843 | 0.00\% |
|  |  | BBB | 14,892,105 | 0.06\% |
|  |  | BB | 292,660,326 | 1.11\% |
|  |  | B Page 22 of 24 | 4 290,443,280 | 1.10\% |
|  |  | CCC-C | 56,580,762 | 0.21\% |
|  |  | D | 2,713,365 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 81,493,539 | 0.31\% |
|  | Muni | AAA | 1,422,092,703 | 5.38\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Muni (con't) | A | 739,606,367 | 2.80\% |
|  |  | BBB | 163,027,227 | 0.62\% |
|  |  | BB | 21,774,867 | 0.08\% |
|  |  | B | 370,950 | 0.00\% |
|  |  | CCC-C | 63,457,659 | 0.24\% |
|  |  | D | 2,100,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 751,369,031 | 2.84\% |
|  | Mutual Fund | AAA | 423,150,000 | 1.60\% |
|  |  | Unkn Rtg (Triparty) | 350,103,242 | 1.33\% |
|  | Supranational | AAA | 44,721,432 | 0.17\% |
|  | Swap Receivables - DW | Unkn Rtg (non-Triparty) | 8,693,741,829 | 32.91\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,664,064,814 | 6.30\% |
|  | Dealer Total |  | 26,420,399,770 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Wednesday, November 12
Timothy Geithner, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 11/13/2008 05:03 PM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Wednesday, November 12

- Total PDCF borrowing declined $\$ 5.87$ billion to $\$ 56.65$ billion, the lowest level of since September 16th.
- Citigroup further reduced its borrowing by $\$ 3.78$ billion ( $29.6 \%$ ) as compared to Monday. All other participants either reduced borrowing or remained virtually unchanged.
- The current triparty collateral of PDCF consists primarily of equity (32.8\%), municipal debt (22.4\%), and corporate debt (13.2\%). Foreign denominated collateral comprises $9.2 \%$ of the total triparty collateral.


Regards, Tony

Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Wednesday, November 12, 2008

## Highlights

- Total PDCF borrowing declined $\$ 5.87$ billion to $\$ 56.65$ billion, the lowest level of since September $16^{\text {th }}$.
- Citigroup further reduced its borrowing by $\$ 3.78$ billion (29.6\%) as compared to Monday. All other participants either reduced borrowing or remained virtually unchanged.
- The current triparty collateral of PDCF consists primarily of equity ( $32.8 \%$ ), municipal debt ( $22.4 \%$ ), and corporate debt ( $13.2 \%$ ). Foreign denominated collateral comprises $9.2 \%$ of the total triparty collateral.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{1 1 / 1 2 / 2 0 0 8}$ | $\mathbf{1 1 / 1 0 / 2 0 0 8}$ | $\mathbf{1 1 / 0 7 / 2 0 0 8}$ | $\mathbf{1 1 / 0 6 / 2 0 0 8}$ | $\mathbf{1 1 / 0 5 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 3.00 | 3.00 | 3.50 | 3.00 | 2.50 |
| Citigroup | 9.00 | 12.79 | 17.37 | 17.42 | 15.62 |
| Goldman Sachs | 6.50 | 7.00 | 8.00 | 9.00 | 10.50 |
| Merrill Lynch | 23.63 | 24.69 | 23.52 | 25.08 | 26.27 |
| Mizuho | 0.18 | 0.17 | 0.17 | 0.43 | 0.69 |
| Morgan Stanley | 14.34 | 14.87 | 14.83 | 15.73 | 16.07 |
| Total Borrowings | $\mathbf{5 6 . 6 5}$ | $\mathbf{6 2 . 5 2}$ | $\mathbf{6 7 . 3 9}$ | $\mathbf{7 0 . 6 7}$ | $\mathbf{7 1 . 6 4}$ |
|  |  |  |  |  |  |
| Total Collateral |  | $\mathbf{6 2 . 7 7}$ | $\mathbf{6 9 . 0 7}$ | $\mathbf{7 4 . 3 2}$ | $\mathbf{7 8 . 6 8}$ |
|  |  |  |  |  | $\mathbf{7 9 . 7 5}$ |
| Collateral Cushion | $\mathbf{1 0 . 8 0 \%}$ | $\mathbf{1 0 . 4 8 \%}$ | $\mathbf{1 0 . 2 8 \%}$ | $\mathbf{1 1 . 3 3 \%}$ | $\mathbf{1 1 . 3 2 \%}$ |

[^2]
## RESTRICTED-FR

PDCF Borrowing Trend


## Composition of Collateral Pledged for November 12 Borrowings - in millions

[^3]
## RESTRICTED-FR

| Rating ${ }^{1}$ | Bank of America | Citigroup | Goldman Sachs | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treasury | - | - | - | 10.2 | - | - | 10.2 |
| Agency | - | - | 479.9 | 50.4 | - | 559.3 | 1,089.6 |
| AAA | 230.1 | 1,547.0 | 860.6 | 4,541.5 | 8.0 | 1,868.8 | 9,056.1 |
| AA | 4.0 | 1,171.3 | 167.8 | 695.5 | 35.5 | 989.1 | 3,063.2 |
| A | 136.2 | 303.6 | 205.8 | 1,581.0 | 145.0 | 971.5 | 3,343.1 |
| BBB | 220.4 | 700.6 | 389.2 | 1,813.0 | 5.4 | 512.0 | 3,640.6 |
| BB | 340.2 | - | 316.8 | 1,428.3 | - | 761.3 | 2,846.6 |
| B | 156.7 | - | 715.2 | 1,003.8 | - | 520.8 | 2,396.6 |
| CCC-C | 40.0 | 4.7 | 997.2 | 831.4 | - | 877.2 | 2,750.5 |
| D | 0.9 | 20.5 | 223.8 | 143.4 | - | 370.9 | 759.4 |
| A-1 | - | 340.9 | - | - | - | - | 340.9 |
| A-2 | - | - | - | - | - | - | - |
| A-3 | - | - | - | - | - | - | - |
| NP | - | - | - | - | - | - | - |
| Equity | - | 5,486.5 | 2,381.9 | 8,139.7 | - | 4,052.3 | 20,060.3 |
| Unkn Rtg (Triparty) | 2,089.1 | 55.3 | 283.2 | 5,320.4 | - | 4,002.0 | 11,750.1 |
| Unkn Rtg (non-Triparty) | - | - | - | - | - | 1,664.1 | 1,664.1 |
| Total Collateral | 3,217.8 | 9,630.3 | 7,021.4 | 25,558.4 | 194.0 | 17,149.4 | 62,771.3 |
| Total Borrowings | 3,000.0 | 9,000.0 | 6,500.0 | 23,634.2 | 181.3 | 14,337.2 | 56,652.6 |
| Collateral Cushion | 7.26\% | 7.00\% | 8.02\% | 8.14\% | 7.02\% | 19.62\% | 10.80\% |

Collateral Value and Rating Distribution by Dealer


Page 4 of 23

## Distribution of Total Pledged Collateral by Rating



Page 5 of 23

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $10,203,690$ | $0.02 \%$ |
| Agency | $1,089,573,174$ | $1.74 \%$ |
| AAA | $9,056,051,726$ | $14.43 \%$ |
| AA | $3,063,233,634$ | $4.88 \%$ |
| A | $3,343,134,909$ | $5.33 \%$ |
| BBB | $3,640,616,979$ | $5.80 \%$ |
| BB | $2,846,579,892$ | $4.53 \%$ |
| B | $2,396,558,489$ | $3.82 \%$ |
| CCC-C | $2,750,529,284$ | $4.38 \%$ |
| D | $759,427,978$ | $1.21 \%$ |
| A-1 | $340,889,773$ | $0.54 \%$ |
| A-3 | 24,339 | $0.00 \%$ |
| Equity | $20,060,305,313$ | $31.96 \%$ |
| Unkn Rtg (Triparty) | $11,750,100,742$ | $18.72 \%$ |
| Unkn Rtg (non-Triparty) | $1,664,064,814$ | $2.65 \%$ |
| Total | $62,771,294,737$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $4,369,068,395$ | $6.96 \%$ |
| Agency Debt | $282,525,687$ | $0.45 \%$ |
| Auction Rate | $3,386,063,531$ | $5.39 \%$ |
| CDs-CP-BAs | $2,290,689,061$ | $2.06 \%$ |
| CMBS | $1,919,796,367$ | $0.32 \%$ |
| Convertible Bonds-Domestic | $255,283,009$ | $3.06 \%$ |
| Convertible Bonds-Foreign | $6,161,656,955$ | $9.81 \%$ |
| Corporates-Domestic | $1,893,048,073$ | $3.02 \%$ |
| Corporates-Foreign | $17,278,101,619$ | $27.53 \%$ |
| Equity-Domestic | $2,782,203,693$ | $4.43 \%$ |
| Equity-Foreign | $7043,367,806$ | $1.66 \%$ |
| Foreign Sovereigns-Domestic | $727,011,360$ | $1.16 \%$ |
| Foreign Sovereigns-Foreign | $80,036,126$ | $0.13 \%$ |
| MBS - Agency - CMO | $13,984,005,858$ | $4.75 \%$ |
| MBS - Agency - Pass Through | $1,017,715,833$ | $21.76 \%$ |
| MBS - Private (CMO) | $371,424,023$ | $1.62 \%$ |
| Muni | $54,700,866$ | $0.59 \%$ |
| Mutual Fund | $10,203,690$ | $0.02 \%$ |
| Other | $639,005,593$ | $1.02 \%$ |
| Supranational | $1,664,064,814$ | $2.65 \%$ |
| Treasury | $62,771,294,737$ | $100.00 \%$ |
| Whole Loans |  |  |
| Whole Loans - DW |  |  |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | CCC-C | 13,431,324 | 0.42\% |
|  |  | D | 851,637 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 98,714,553 | 3.07\% |
|  | CDs-CP-BAs | A-3 | 24,339 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 928,274,762 | 28.85\% |
|  | Corporates-Domestic | BBB | 5,258,779 | 0.16\% |
|  |  | BB | 314,460,253 | 9.77\% |
|  |  | B | 155,576,970 | 4.83\% |
|  |  | Unkn Rtg (Triparty) | 304,051 | 0.01\% |
|  | MBS - Private (CMO) | BB | 25,777,008 | 0.80\% |
|  |  | Unkn Rtg (Triparty) | 88,381 | 0.00\% |
|  | Muni | AAA | 230,110,714 | 7.15\% |
|  |  | AA | 3,980,956 | 0.12\% |
|  |  | A | 136,222,223 | 4.23\% |
|  |  | BBB | 215,150,039 | 6.69\% |
|  |  | B | 1,150,706 | 0.04\% |
|  |  | CCC-C | 26,615,726 | 0.83\% |
|  |  | Unkn Rtg (Triparty) | 1,061,761,376 | 33.00\% |
|  | Dealer Total |  | 3,217,753,796 | 100.00\% |
| Citigroup | CDs-CP-BAs | A-1 | 340,889,773 | 3.54\% |
|  | Corporates-Domestic | AAA | 28,605,173 | 0.30\% |
|  |  | A | 42,979,463 | 0.45\% |
|  |  | CCC-C | 4,654,793 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 47,671,619 | 0.50\% |
|  | Equity-Domestic | Equity | 5,486,479,362 | 56.97\% |
|  | Muni | AAA | 1,518,434,778 | 15.77\% |
|  |  | AA | 1,171,304,114 | 12.16\% |
|  |  | A | 260,628,271 | 2.71\% |
|  |  | BBB | 700,552,093 | 7.27\% |
|  |  | D | 20,475,000 | 0.21\% |
|  |  | Unkn Rtg (Triparty) | 7,655,357 | 0.08\% |
|  | Dealer Total |  | 9,630,329,795 | 100.00\% |
| Goldman Sachs | ABS | AAA | 234,901,247 | 3.35\% |
|  |  | AA | 93,088,236 | 1.33\% |
|  |  | A | 100,957,636 | 1.44\% |
|  |  | BBB | 160,998,141 | 2.29\% |
|  |  | BB | 50,327,801 | 0.72\% |
|  |  | B | 190,251,910 | 2.71\% |
|  |  | CCC-C | 234,495,759 | 3.34\% |
|  |  | D | 201,731,157 | 2.87\% |
|  |  | Unkn Rtg (Triparty) | of 285,444,835 | 1.22\% |
|  | Corporates-Domestic | BBB | 3,589,710 | 0.05\% |
|  |  | BB | 3,630,776 | 0.05\% |
|  |  | B | 285,438,061 | 4.07\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Goldman Sachs (con't) | MBS - Private (CMO) (con't) | AA | 74,724,430 | 1.06\% |
|  |  | A | 104,637,715 | 1.49\% |
|  |  | BBB | 76,318,778 | 1.09\% |
|  |  | BB | 262,586,349 | 3.74\% |
|  |  | B | 239,469,932 | 3.41\% |
|  |  | CCC-C | 108,464,590 | 1.54\% |
|  |  | D | 5,667,782 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | ) 54,336,919 | 0.77\% |
|  | Muni | A | 200,229 | 0.00\% |
|  |  | BBB | 148,303,859 | 2.11\% |
|  |  | BB | 229,905 | 0.00\% |
|  |  | D | 133,984 | 0.00\% |
|  | Mutual Fund | AAA | 79,533,170 | 1.13\% |
|  |  | Unkn Rtg (Triparty) | ) 142,598,854 | 2.03\% |
|  | Dealer Total |  | 7,021,377,038 | 100.00\% |
| Merrill Lynch | ABS | AAA | 370,067,857 | 1.45\% |
|  |  | AA | 82,524,066 | 0.32\% |
|  |  | A | 88,247,357 | 0.35\% |
|  |  | BBB | 57,080,384 | 0.22\% |
|  |  | BB | 152,942,499 | 0.60\% |
|  |  | B | 183,227,346 | 0.72\% |
|  |  | CCC-C | 197,556,291 | 0.77\% |
|  |  | D | 110,050,098 | 0.43\% |
|  |  | Unkn Rtg (Triparty) | ) 268,125,221 | 1.05\% |
|  | Agency Debt | Agency | 5,986,564 | 0.02\% |
|  | Auction Rate | AAA | 2,710,493,225 | 10.61\% |
|  |  | AA | 150,111,078 | 0.59\% |
|  |  | A | 164,495,797 | 0.64\% |
|  |  | BBB | 119,295,082 | 0.47\% |
|  |  | BB | 36,878,517 | 0.14\% |
|  |  | CCC-C | 28,164,891 | 0.11\% |
|  |  | D | 9,822 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | ) 176,615,119 | 0.69\% |
|  | CMBS | Unkn Rtg (Triparty) | ) 107,642,742 | 0.42\% |
|  | Convertible Bonds-Domestic | AA | 3,231,347 | 0.01\% |
|  |  | A | 212,842,694 | 0.83\% |
|  |  | BBB | 168,269,120 | 0.66\% |
|  |  | BB | 63,234,206 | 0.25\% |
|  |  | B | 126,028,894 | 0.49\% |
|  |  | CCC-C | 68,998,202 | 0.27\% |
|  |  | D | 3,725 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | ) 785,660,521 | 3.07\% |
|  | Convertible Bonds-Foreign | BBB | 12 | 0.00\% |
|  |  | BB | 521 | 0.00\% |
|  |  | B P | Page 13 of $23 \quad 97$ | 0.00\% |
|  |  | Unkn Rtg (Triparty) | ) 80,898,587 | 0.32\% |
|  | Corporates-Domestic | AAA | 73,851,096 | 0.29\% |
|  |  | AA | 52,954,047 | 0.21\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Domestic (con't) | B | 344,516,176 | 1.35\% |
|  |  | CCC-C | 463,744,579 | 1.81\% |
|  |  | D | 16,703,664 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 843,698,059 | 3.30\% |
|  | Corporates-Foreign | AAA | 39,099,986 | 0.15\% |
|  |  | AA | 48,376,087 | 0.19\% |
|  |  | A | 284,539,605 | 1.11\% |
|  |  | BBB | 279,775,014 | 1.09\% |
|  |  | BB | 397,073,967 | 1.55\% |
|  |  | B | 63,975,062 | 0.25\% |
|  |  | CCC-C | 57,592,276 | 0.23\% |
|  |  | D | 3,551,464 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 243,282,129 | 0.95\% |
|  | Equity-Domestic | Equity | 6,017,119,134 | 23.54\% |
|  | Equity-Foreign | Equity | 2,122,531,140 | 8.30\% |
|  | Foreign Sovereigns-Domestic | AAA | 716,187 | 0.00\% |
|  |  | AA | 4,854,309 | 0.02\% |
|  |  | A | 83,679,426 | 0.33\% |
|  |  | BBB | 149,163,831 | 0.58\% |
|  |  | BB | 532,385,169 | 2.08\% |
|  |  | B | 158,778,199 | 0.62\% |
|  |  | CCC-C | 5,229,956 | 0.02\% |
|  |  | D | 5,824,753 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 6,174,122 | 0.02\% |
|  | Foreign Sovereigns-Foreign | AAA | 290,328,398 | 1.14\% |
|  |  | A | 98,440,537 | 0.39\% |
|  |  | BBB | 199,511,184 | 0.78\% |
|  |  | BB | 26,584,535 | 0.10\% |
|  |  | B | 57,898,916 | 0.23\% |
|  |  | D | 641,515 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 8,105,234 | 0.03\% |
|  | MBS - Agency - CMO | Agency | 4,741 | 0.00\% |
|  | MBS - Agency - Pass Through | Agency | 44,401,628 | 0.17\% |
|  | MBS - Private (CMO) | AAA | 377,129,917 | 1.48\% |
|  |  | AA | 81,436,672 | 0.32\% |
|  |  | A | 106,724,300 | 0.42\% |
|  |  | BBB | 22,768,946 | 0.09\% |
|  |  | BB | 81,384,270 | 0.32\% |
|  |  | B | 63,396,197 | 0.25\% |
|  |  | CCC-C | 8,124,795 | 0.03\% |
|  |  | D | 902,451 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 41,045,392 | 0.16\% |
|  | Muni | AAA | 676,497,326 | 2.65\% |
|  |  | AA | 271,978,183 | 1.06\% |
|  |  | A | 274,235,948 | 1.07\% |
|  |  | BBB | 611,689,450 | 2.39\% |
|  |  | BB | Page 1616\$283314 | 0.04\% |
|  |  | B | 947,335 | 0.00\% |
|  |  | CCC-C | 1,340,648 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 1,755,322,094 | 6.87\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 16,624,063 | 0.07\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Other | BBB | 780,567 | 0.00\% |
|  |  | BB | 11,096,014 | 0.04\% |
|  |  | B | 5,061,338 | 0.02\% |
|  |  | CCC-C | 652,593 | 0.00\% |
|  |  | D | 5,693,179 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 348,140,332 | 1.36\% |
|  | Supranational | AAA | 3,266,638 | 0.01\% |
|  |  | A | 6,606,146 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 24,383 | 0.00\% |
|  | Treasury | Treasury | 10,203,690 | 0.04\% |
|  | Whole Loans | Unkn Rtg (Triparty) | 639,005,593 | 2.50\% |
|  | Dealer Total |  | 25,558,448,935 | 100.00\% |
| Mizuho | Corporates-Domestic | AAA | 8,021,033 | 4.14\% |
|  |  | AA | 35,522,654 | 18.31\% |
|  |  | A | 145,011,036 | 74.76\% |
|  |  | BBB | 5,410,820 | 2.79\% |
|  | Dealer Total |  | 193,965,543 | 100.00\% |
| Morgan Stanley | ABS | AAA | 179,205,735 | 1.04\% |
|  |  | AA | 19,007,121 | 0.11\% |
|  |  | A | 15,541,196 | 0.09\% |
|  |  | BBB | 17,661,012 | 0.10\% |
|  |  | BB | 234,749,527 | 1.37\% |
|  |  | B | 100,311,682 | 0.58\% |
|  |  | CCC-C | 413,087,361 | 2.41\% |
|  |  | D | 203,694,985 | 1.19\% |
|  |  | Unkn Rtg (Triparty) | 210,794,423 | 1.23\% |
|  | Agency Debt | Agency | 276,539,123 | 1.61\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 21,500,186 | 0.13\% |
|  | CMBS | BBB | 17,760 | 0.00\% |
|  |  | CCC-C | 157,658 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 93,000,207 | 0.54\% |
|  | Convertible Bonds-Domestic | AA | 104,353,703 | 0.61\% |
|  |  | A | 17,741,021 | 0.10\% |
|  |  | BBB | 44,442,525 | 0.26\% |
|  |  | BB | 1,677,238 | 0.01\% |
|  |  | B | 8,610,927 | 0.05\% |
|  |  | CCC-C | 13,031,305 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 301,671,475 | 1.76\% |
|  | Convertible Bonds-Foreign | A | 234,776 | 0.00\% |
|  |  | BB | 926,596 | 0.01\% |
|  |  | B | 2,911,266 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 170,311,154 | 0.99\% |
|  | Corporates-Domestic | AAA | 125,879,774 | 0.73\% |
|  |  | AA | 143,257,278 | 0.84\% |
|  |  | A | 208,320,593 | 1.21\% |
|  |  | BBB | 149,873,311 | 0.87\% |
|  |  | BB | 101,163,615 | 0.59\% |
|  |  | B | 91,918,731 | 0.54\% |
|  |  | CCC-C | Pagto 1,8す5083 | 1.76\% |
|  |  | D | 155,390,439 | 0.91\% |
|  |  | Unkn Rtg (Triparty) | 750,016,926 | 4.37\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Corporates-Foreign | AAA | 18,878,706 | 0.11\% |
|  |  | AA | 2,410,867 | 0.01\% |
|  |  | A | 7,758,128 | 0.05\% |
|  |  | BBB | 19,431,697 | 0.11\% |
|  |  | BB | 93,473,258 | 0.55\% |
|  |  | B | 1,098,564 | 0.01\% |
|  |  | CCC-C | 14,874,176 | 0.09\% |
|  |  | D | 6,715,379 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 311,141,707 | 1.81\% |
|  | Equity-Domestic | Equity | 3,392,628,876 | 19.78\% |
|  | Equity-Foreign | Equity | 659,672,554 | 3.85\% |
|  | Foreign Sovereigns-Domestic | BB | 37,672,723 | 0.22\% |
|  |  | B | 47,477,080 | 0.28\% |
|  |  | CCC-C | 11,411,159 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 895 | 0.00\% |
|  | Foreign Sovereigns-Foreign | AAA | 545,628 | 0.00\% |
|  |  | AA | 4,369 | 0.00\% |
|  |  | BBB | 989,800 | 0.01\% |
|  |  | BB | 280,489 | 0.00\% |
|  |  | B | 20,217,593 | 0.12\% |
|  |  | D | 24,026 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 282,755,711 | 1.65\% |
|  | MBS - Private (CMO) | AAA | 15,820,461 | 0.09\% |
|  |  | AA | 20,638,935 | 0.12\% |
|  |  | A | 4,229,177 | 0.02\% |
|  |  | BBB | 14,085,212 | 0.08\% |
|  |  | BB | 269,689,349 | 1.57\% |
|  |  | B | 247,933,747 | 1.45\% |
|  |  | CCC-C | 51,551,089 | 0.30\% |
|  |  | D | 2,980,476 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 75,896,478 | 0.44\% |
|  | Muni | AAA | 1,047,364,870 | 6.11\% |
|  |  | AA | 699,475,183 | 4.08\% |
|  |  | A | 717,667,517 | 4.18\% |
|  |  | BBB | 265,508,570 | 1.55\% |
|  |  | BB | 21,658,239 | 0.13\% |
|  |  | B | 361,759 | 0.00\% |
|  |  | CCC-C | 71,498,688 | 0.42\% |
|  |  | D | 2,100,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 1,725,052,250 | 10.06\% |
|  | Mutual Fund | AAA | 436,300,000 | 2.54\% |
|  |  | Unkn Rtg (Triparty) | 342,659,796 | 2.00\% |
|  | Supranational | AAA | 44,803,699 | 0.26\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,664,064,814 | 9.70\% |
|  | Dealer Total |  | 17,149,419,630 | 100.00\% |

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## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Thursday, November 13
Timothy Geithner, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Thursday, November 13

- Total PDCF borrowing continued to decline Thursday by almost $\$ 5.5$ billion to $\$ 51.2$ billion. This represents a drop of $9.7 \%$ from Wednesday to Thursday.
- All participants reduced borrowing levels on Thursday, led by Bank of America with a $\$ 2$ billion decrease.
- Since the beginning of November, the composition of the collateral pledged through tri-party has shifted away from equity and corporate debt and towards municipal bonds and auction rate securities. The tri-party collateral now primarily consists of municipal debt (27.7\%), equity ( $27.1 \%$ ), and corporate debt (12.4\%).
- As compared with peak borrowing on September 29th, the collateral composition has shifted towards investment grade collateral and away from equity collateral. As a percentage of the total collateral, investment grade collateral increased by 12.8 percentage points, non-investment grade collateral increased by 1.9 percentage points, and equity collateral decreased by 17.4 percentage points.


PDCF Charts and Tables - 20081113.doc
Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Thursday, November 13, 2008

## Highlights

- Total PDCF borrowing continued to decline Thursday by almost $\$ 5.5$ billion to $\$ 51.2$ billion. This represents a drop of $9.7 \%$ from Wednesday to Thursday.
- All participants reduced borrowing levels on Thursday, led by Bank of America with a $\$ 2$ billion decrease.
- Since the beginning of November, the composition of the collateral pledged through tri-party has shifted away from equity and corporate debt and towards municipal bonds and auction rate securities. The tri-party collateral now primarily consists of municipal debt (27.7\%), equity ( $27.1 \%$ ), and corporate debt (12.4\%).
- As compared with peak borrowing on September $29^{\text {th }}$, the collateral composition has shifted towards investment grade collateral and away from equity collateral. As a percentage of the total collateral, investment grade collateral increased by 12.8 percentage points, non-investment grade collateral increased by 1.9 percentage points, and equity collateral decreased by 17.4 percentage points.

Overnight Borrowings - in billions

| Dealer | $\mathbf{1 1 / 1 3 / 2 0 0 8}$ | $\mathbf{1 1 / 1 2 / 2 0 0 8}$ | $\mathbf{1 1 / 1 0 / 2 0 0 8}$ | $\mathbf{1 1 / 0 7 / 2 0 0 8}$ | $\mathbf{1 1 / 0 6 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 1.00 | 3.00 | 3.00 | 3.50 | 3.00 |
| Citigroup | 7.74 | 9.00 | 12.79 | 17.37 | 17.42 |
| Goldman Sachs | 6.00 | 6.50 | 7.00 | 8.00 | 9.00 |
| Merrill Lynch | 22.67 | 23.63 | 24.69 | 23.52 | 25.08 |
| Mizuho | 0.15 | 0.18 | 0.17 | 0.17 | 0.43 |
| Morgan Stanley | 13.61 | 14.34 | 14.87 | 14.83 | 15.73 |
| Total Borrowings | $\mathbf{5 1 . 1 8}$ | $\mathbf{5 6 . 6 5}$ | $\mathbf{6 2 . 5 2}$ | $\mathbf{6 7 . 3 9}$ | $\mathbf{7 0 . 6 7}$ |
|  |  |  |  |  |  |
| Total Collateral ${ }^{*}$ | $\mathbf{5 6 . 8 9}$ | $\mathbf{6 2 . 7 7}$ | $\mathbf{6 9 . 0 7}$ | $\mathbf{7 4 . 3 2}$ | $\mathbf{7 8 . 6 8}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 1 . 1 6 \%}$ | $\mathbf{1 0 . 8 0 \%}$ | $\mathbf{1 0 . 4 8 \%}$ | $\mathbf{1 0 . 2 8 \%}$ | $\mathbf{1 1 . 3 3 \%}$ |

## RESTRICTED-FR

* Includes additional commercial loans in a Borrower-In-Custody arrangement. Further legal review of swap receivable collateral suggests that the Reserve Bank does not have a claim against swap receivables collateral unless the pledging dealer has explicitly borrowed against this collateral. As such, swap receivables collateral has been removed from the collateral totals in this report.

PDCF Borrowing Trend


03/17/2008 04/08/2008 04/29/2008 05/20/2008 06/11/2008 07/02/2008 07/24/2008 08/14/2008 09/05/2008 09/26/2008 10/20/2008 11/10/200
Date
$\longrightarrow$ Total Borrowing - Bear Stearns Borrowing $\longrightarrow$ Other Borrowing $\longrightarrow$ Total Collateral

## Composition of Collateral Pledged for November 13 Borrowings - in millions

[^4]
## RESTRICTED-FR

| Rating ${ }^{1}$ | Bank of America | Citigroup | Goldman Sachs | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treasury | - | - | - | 72.3 | - | - | 72.3 |
| Agency | - | - | 535.6 | 22.9 | - | 560.3 | 1,118.8 |
| AAA | 5.7 | 2,821.7 | 796.4 | 4,291.8 | 8.1 | 2,416.0 | 10,339.8 |
| AA | 12.8 | 2,101.5 | 171.8 | 719.8 | 19.6 | 1,170.2 | 4,195.7 |
| A | 1.2 | 535.2 | 239.3 | 1,429.2 | 131.2 | 1,097.8 | 3,434.0 |
| BBB | 6.1 | 931.2 | 257.2 | 1,437.0 | 5.5 | 932.1 | 3,569.0 |
| BB | 25.8 | - | 296.2 | 1,419.9 | - | 777.7 | 2,519.6 |
| B | 1.2 | - | 527.0 | 788.6 | - | 499.9 | 1,816.7 |
| CCC-C | 18.5 | - | 926.2 | 804.1 | - | 734.5 | 2,483.4 |
| D | 0.9 | 20.5 | 234.3 | 148.1 | - | 274.1 | 677.8 |
| A-1 | - | - | - | - | - | - | - |
| A-2 | - | - | - | - | - | 16.1 | 16.1 |
| A-3 | - | - | - | - | - | - | - |
| NP | - | - | - | - | - | - | - |
| Equity | - | 1,688.9 | 2,213.2 | 8,210.7 | - | 2,835.3 | 14,948.0 |
| Unkn Rtg (Triparty) | 1,005.6 | 187.9 | 280.9 | 5,154.6 | - | 3,403.0 | 10,032.0 |
| Unkn Rtg (non-Triparty) | - | - | - | - | - | 1,664.1 | 1,664.1 |
| Total Collateral | 1,077.7 | 8,286.9 | 6,478.3 | 24,499.0 | 164.3 | 16,381.1 | 56,887.3 |
| Total Borrowings | 1,000.0 | 7,744.0 | 6,000.0 | 22,666.2 | 153.6 | 13,612.0 | 51,175.8 |
| Collateral Cushion | 7.77\% | 7.01\% | 7.97\% | 8.09\% | 6.97\% | 20.34\% | 11.16\% |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $72,289,116$ | $0.13 \%$ |
| Agency | $1,118,844,387$ | $1.97 \%$ |
| AAA | $10,339,765,097$ | $18.18 \%$ |
| AA | $3,195,650,540$ | $7.38 \%$ |
| A | $3,533,993,142$ | $6.04 \%$ |
| BBB | $2,519,557,006$ | $6.27 \%$ |
| BB | $1,816,682,115$ | $4.43 \%$ |
| B | $2,483,359,564$ | $4.19 \%$ |
| CCC-C | $677,824,837$ | $1.19 \%$ |
| D | $16,145,048$ | $0.03 \%$ |
| A-2 | $14,948,048,888$ | $26.28 \%$ |
| Equity | $10,032,038,197$ | $17.63 \%$ |
| Unkn Rtg (Triparty) | $1,664,064,814$ | $2.93 \%$ |
| Unkn Rtg (non-Triparty) | $56,887,282,317$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $4,874,409,407$ | $8.57 \%$ |
| Agency Debt | $569,940,075$ | $1.00 \%$ |
| Auction Rate | $3,417,635,823$ | $6.01 \%$ |
| CDs-CP-BAs | $17,589,178$ | $0.03 \%$ |
| CMBS | $150,573,126$ | $0.26 \%$ |
| Convertible Bonds-Domestic | $1,386,201,309$ | $2.44 \%$ |
| Convertible Bonds-Foreign | $259,972,236$ | $0.46 \%$ |
| Corporates-Domestic | $4,997,373,301$ | $8.78 \%$ |
| Corporates-Foreign | $1,860,930,061$ | $3.27 \%$ |
| Equity-Domestic | $12,267,875,110$ | $21.57 \%$ |
| Equity-Foreign | $2,680,173,779$ | $4.71 \%$ |
| Foreign Sovereigns-Domestic | $1,244,415,473$ | $2.19 \%$ |
| Foreign Sovereigns-Foreign | $384,065,326$ | $0.68 \%$ |
| MBS - Agency - CMO | $157,045,476$ | $0.28 \%$ |
| MBS - Agency - Pass Through | $391,858,836$ | $0.69 \%$ |
| MBS - Private (CMO) | $3,085,767,138$ | $5.42 \%$ |
| Muni | $15,283,382,521$ | $26.87 \%$ |
| Mutual Fund | $1,030,345,946$ | $1.81 \%$ |
| Other | $370,856,762$ | $0.65 \%$ |
| Supranational | $90,750,082$ | $0.16 \%$ |
| Treasury | $72,289,116$ | $0.13 \%$ |
| Whole Loans | $629,767,423$ | $1.11 \%$ |
| Whole Loans - DW | $1,664,064,814$ | $2.93 \%$ |
| Total | $56,887,282,317$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | CCC-C | 13,458,746 | 1.25\% |
|  |  | D | 852,026 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 98,699,566 | 9.16\% |
|  | MBS - Private (CMO) | BB | 25,786,256 | 2.39\% |
|  |  | Unkn Rtg (Triparty) | 79,764 | 0.01\% |
|  | Muni | AAA | 5,690,934 | 0.53\% |
|  |  | AA | 12,760,000 | 1.18\% |
|  |  | A | 1,167,552 | 0.11\% |
|  |  | BBB | 6,110,293 | 0.57\% |
|  |  | B | 1,181,275 | 0.11\% |
|  |  | CCC-C | 5,089,931 | 0.47\% |
|  |  | Unkn Rtg (Triparty) | 906,804,971 | 84.14\% |
|  | Dealer Total |  | 1,077,681,313 | 100.00\% |
| Citigroup | Equity-Domestic | Equity | 1,688,859,088 | 20.38\% |
|  | Muni | AAA | 2,821,734,906 | 34.05\% |
|  |  | AA | 2,101,508,698 | 25.36\% |
|  |  | A | 535,246,084 | 6.46\% |
|  |  | BBB | 931,169,976 | 11.24\% |
|  |  | D | 20,475,000 | 0.25\% |
|  |  | Unkn Rtg (Triparty) | 187,933,105 | 2.27\% |
|  | Dealer Total |  | 8,286,926,856 | 100.00\% |
| Goldman Sachs | ABS | AAA | 243,951,030 | 3.77\% |
|  |  | AA | 92,552,837 | 1.43\% |
|  |  | A | 100,270,056 | 1.55\% |
|  |  | BBB | 160,486,184 | 2.48\% |
|  |  | BB | 49,169,784 | 0.76\% |
|  |  | B | 141,858,950 | 2.19\% |
|  |  | CCC-C | 217,032,418 | 3.35\% |
|  |  | D | 201,205,157 | 3.11\% |
|  |  | Unkn Rtg (Triparty) | 81,277,439 | 1.25\% |
|  | Corporates-Domestic | BB | 3,631,716 | 0.06\% |
|  |  | B | 186,196,940 | 2.87\% |
|  |  | CCC-C | 631,599,628 | 9.75\% |
|  |  | D | 27,631,760 | 0.43\% |
|  |  | Unkn Rtg (Triparty) | 839,405 | 0.01\% |
|  | Equity-Domestic | Equity | 2,213,203,094 | 34.16\% |
|  | MBS - Agency - CMO | Agency | 143,762,372 | 2.22\% |
|  | MBS - Agency - Pass Through | Agency | 391,858,836 | 6.05\% |
|  | MBS - Private (CMO) | AAA | 473,152,204 | 7.30\% |
|  |  | AA | 79,283,373 | 1.22\% |
|  |  | A | 139,055,642 | 2.15\% |
|  |  | BBB | Page 10 70,542,803 | 1.09\% |
|  |  | BB |  | 3.75\% |
|  |  | B | 198,970,720 | 3.07\% |
|  |  | CCC-C | 77,535,815 | 1.20\% |
|  |  | D | 5,478,161 | 0.08\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Goldman Sachs (con't) | Dealer Total |  | 6,478,269,610 | 100.00\% |
| Merrill Lynch | ABS | AAA | 370,272,060 | 1.51\% |
|  |  | AA | 92,447,913 | 0.38\% |
|  |  | A | 71,446,552 | 0.29\% |
|  |  | BBB | 56,343,267 | 0.23\% |
|  |  | BB | 152,216,581 | 0.62\% |
|  |  | B | 178,343,730 | 0.73\% |
|  |  | CCC-C | 198,368,244 | 0.81\% |
|  |  | D | 109,872,000 | 0.45\% |
|  |  | Unkn Rtg (Triparty) | ) 258,966,318 | 1.06\% |
|  | Agency Debt | Agency | 9,874,713 | 0.04\% |
|  | Auction Rate | AAA | 2,744,498,407 | 11.20\% |
|  |  | AA | 150,141,717 | 0.61\% |
|  |  | A | 160,589,341 | 0.66\% |
|  |  | BBB | 119,307,536 | 0.49\% |
|  |  | BB | 36,878,893 | 0.15\% |
|  |  | CCC-C | 28,190,416 | 0.12\% |
|  |  | D | 10,384 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | ) 178,019,130 | 0.73\% |
|  | CMBS | Unkn Rtg (Triparty) | ) 68,584,579 | 0.28\% |
|  | Convertible Bonds-Domestic | AA | 3,133,289 | 0.01\% |
|  |  | A | 52,843,790 | 0.22\% |
|  |  | BBB | 17,934,336 | 0.07\% |
|  |  | B | 278,995 | 0.00\% |
|  |  | CCC-C | 65,557,803 | 0.27\% |
|  |  | D | 3,565 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | ) 737,392,211 | 3.01\% |
|  | Convertible Bonds-Foreign | BBB | 12 | 0.00\% |
|  |  | BB | 521 | 0.00\% |
|  |  | B | 32 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | ) 54,417,181 | 0.22\% |
|  | Corporates-Domestic | AAA | 76,640,785 | 0.31\% |
|  |  | AA | 52,386,933 | 0.21\% |
|  |  | A | 241,054,913 | 0.98\% |
|  |  | BBB | 101,629,851 | 0.41\% |
|  |  | BB | 79,126,447 | 0.32\% |
|  |  | B | 265,367,638 | 1.08\% |
|  |  | CCC-C | 442,783,252 | 1.81\% |
|  |  | D | 13,915,370 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | ) 841,183,618 | 3.43\% |
|  | Corporates-Foreign | AAA | 43,018,240 | 0.18\% |
|  |  | AA | 48,419,487 | 0.20\% |
|  |  | A | 279,553,263 | 1.14\% |
|  |  | BBB | 290,101,547 | 1.18\% |
|  |  | BB P | Page 13 oß3221265,924 | 1.40\% |
|  |  | B | 62,770,977 | 0.26\% |
|  |  | CCC-C | 54,072,114 | 0.22\% |
|  |  | D | 3,552,314 | 0.01\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Foreign Sovereigns-Domestic | AAA | 716,209 | 0.00\% |
|  |  | AA | 4,943,405 | 0.02\% |
|  |  | A | 123,681,316 | 0.50\% |
|  |  | BBB | 157,601,149 | 0.64\% |
|  |  | BB | 681,082,949 | 2.78\% |
|  |  | B | 155,346,253 | 0.63\% |
|  |  | CCC-C | 5,091,449 | 0.02\% |
|  |  | D | 13,475,578 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 7,345,305 | 0.03\% |
|  | Foreign Sovereigns-Foreign | A | 98,775,913 | 0.40\% |
|  |  | BBB | 175,118,425 | 0.71\% |
|  |  | BB | 25,925,163 | 0.11\% |
|  |  | B | 59,722,724 | 0.24\% |
|  |  | D | 644,866 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 1,853,060 | 0.01\% |
|  | MBS - Agency - CMO | Agency | 13,050,039 | 0.05\% |
|  | MBS - Private (CMO) | AAA | 372,193,930 | 1.52\% |
|  |  | AA | 80,488,874 | 0.33\% |
|  |  | A | 106,856,791 | 0.44\% |
|  |  | BBB | 22,613,006 | 0.09\% |
|  |  | BB | 80,544,654 | 0.33\% |
|  |  | B | 61,765,040 | 0.25\% |
|  |  | CCC-C | 8,086,314 | 0.03\% |
|  |  | D | 892,198 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 42,086,176 | 0.17\% |
|  | Muni | AAA | 681,747,629 | 2.78\% |
|  |  | AA | 287,816,467 | 1.17\% |
|  |  | A | 287,778,074 | 1.17\% |
|  |  | BBB | 495,567,688 | 2.02\% |
|  |  | BB | 10,348,108 | 0.04\% |
|  |  | B | 945,918 | 0.00\% |
|  |  | CCC-C | 1,341,635 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 1,739,654,816 | 7.10\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 11,947,194 | 0.05\% |
|  | Other | BBB | 774,106 | 0.00\% |
|  |  | BB | 11,513,652 | 0.05\% |
|  |  | B | 4,081,391 | 0.02\% |
|  |  | CCC-C | 652,955 | 0.00\% |
|  |  | D | 5,694,326 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 348,140,332 | 1.42\% |
|  | Supranational | AAA | 2,688,001 | 0.01\% |
|  |  | A | 6,632,795 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 24,591 | 0.00\% |
|  | Treasury | Treasury | 72,289,116 | 0.30\% |
|  | Whole Loans | Unkn Rtg (Triparty) | 629,767,423 | 2.57\% |
|  | Dealer Total |  | 24,498,954,751 | 100.00\% |
| Mizuho | Corporates-Domestic | AAA | Page 1680122,104 | 4.95\% |
|  |  | AA | 19,562,947 | 11.90\% |
|  |  | A | 131,204,627 | 79.83\% |
|  |  | BBB | 5,452,252 | 3.32\% |
|  | Dealer Total |  | 164,346,929 | 100.00\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley | ABS | AAA | 240,527,257 | 1.47\% |
|  |  | AA | 70,950,613 | 0.43\% |
|  |  | A | 200,056,762 | 1.22\% |
|  |  | BBB | 232,717,120 | 1.42\% |
|  |  | BB | 251,347,615 | 1.53\% |
|  |  | B | 98,114,012 | 0.60\% |
|  |  | CCC-C | 414,931,805 | 2.53\% |
|  |  | D | 203,330,522 | 1.24\% |
|  |  | Unkn Rtg (Triparty) | 273,342,847 | 1.67\% |
|  | Agency Debt | Agency | 560,065,362 | 3.42\% |
|  | CDs-CP-BAs | A-2 | 16,145,048 | 0.10\% |
|  |  | Unkn Rtg (Triparty) | 1,444,130 | 0.01\% |
|  | CMBS | BBB | 17,020 | 0.00\% |
|  |  | CCC-C | 147,648 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 81,823,879 | 0.50\% |
|  | Convertible Bonds-Domestic | AA | 97,755,737 | 0.60\% |
|  |  | A | 17,640,367 | 0.11\% |
|  |  | BBB | 105,883,572 | 0.65\% |
|  |  | BB | 5,948,544 | 0.04\% |
|  |  | B | 3,222,721 | 0.02\% |
|  |  | CCC-C | 3,244,348 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 275,362,034 | 1.68\% |
|  | Convertible Bonds-Foreign | A | 229,259 | 0.00\% |
|  |  | BB | 604,958 | 0.00\% |
|  |  | B | 3,075,775 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 201,644,499 | 1.23\% |
|  | Corporates-Domestic | AAA | 156,079,783 | 0.95\% |
|  |  | AA | 190,506,471 | 1.16\% |
|  |  | A | 251,730,547 | 1.54\% |
|  |  | BBB | 148,967,922 | 0.91\% |
|  |  | BB | 60,771,741 | 0.37\% |
|  |  | B | 115,153,609 | 0.70\% |
|  |  | CCC-C | 131,376,782 | 0.80\% |
|  |  | D | 61,586,427 | 0.38\% |
|  |  | Unkn Rtg (Triparty) | 752,864,834 | 4.60\% |
|  | Corporates-Foreign | AAA | 18,851,871 | 0.12\% |
|  |  | AA | 2,354,845 | 0.01\% |
|  |  | A | 20,489,747 | 0.13\% |
|  |  | BBB | 19,664,397 | 0.12\% |
|  |  | BB | 108,380,001 | 0.66\% |
|  |  | B | 1,037,059 | 0.01\% |
|  |  | CCC-C | 14,290,038 | 0.09\% |
|  |  | D | 6,231,187 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 310,662,411 | 1.90\% |
|  | Equity-Domestic | Equity | 2,294,992,698 | 14.01\% |
|  | Equity-Foreign | Equity | 540,337,084 | 3.30\% |
|  | Foreign Sovereigns-Domestic | BB | 36,436,204 | 0.22\% |
|  |  | B | 47,370,446 | 0.29\% |
|  |  | CCC-C | Patger,2801 | $210.07 \%$ |
|  |  | Unkn Rtg (Triparty) | 925 | 0.00\% |
|  | Foreign Sovereigns-Foreign | AAA | 546,733 | 0.00\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Foreign Sovereigns-Foreign (con't) | AA | 4,374 | 0.00\% |
|  |  | BBB | 983,585 | 0.01\% |
|  |  | BB | 264,011 | 0.00\% |
|  |  | B | 20,202,462 | 0.12\% |
|  |  | D | 24,012 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 233,066 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 13,126,297 | 0.08\% |
|  |  | AA | 81,176,115 | 0.50\% |
|  |  | A | 5,175,286 | 0.03\% |
|  |  | BBB | 165,992,622 | 1.01\% |
|  |  | BB | 287,293,731 | 1.75\% |
|  |  | B | 211,312,176 | 1.29\% |
|  |  | CCC-C | 75,810,682 | 0.46\% |
|  |  | D | 2,949,986 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 102,274,391 | 0.62\% |
|  | Muni | AAA | 1,457,715,465 | 8.90\% |
|  |  | AA | 727,456,446 | 4.44\% |
|  |  | A | 602,514,466 | 3.68\% |
|  |  | BBB | 257,836,539 | 1.57\% |
|  |  | BB | 26,623,446 | 0.16\% |
|  |  | B | 363,272 | 0.00\% |
|  |  | CCC-C | 83,373,258 | 0.51\% |
|  |  | Unkn Rtg (Triparty) | 1,058,759,749 | 6.46\% |
|  | Mutual Fund | AAA | 447,750,000 | 2.73\% |
|  |  | Unkn Rtg (Triparty) | 344,836,415 | 2.11\% |
|  | Supranational | AAA | 81,404,695 | 0.50\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,664,064,814 | 10.16\% |
|  | Dealer Total |  | 16,381,102,859 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

## RESTRICTED FR

Highlights for Monday, November 17

- Total PDCF borrowing decreased by $\$ 2.38$ billion to $\$ 49.36$ billion. This is the first time borrowing has been below $\$ 50$ billion since September 16th.
- Morgan Stanley had the largest dollar decrease in borrowing on Monday declining by $\$ 1.89$ billion. Citigroup and Merrill Lynch were the only participants to increase borrowing with a combined increase of $\$ 0.51$ billion.
- Goldman Sachs, Merrill Lynch, and Morgan Stanley are permitted to pledge foreign denominated securities as collateral against PDCF borrowing. Foreign denominated collateral accounts for 10.15\% of the total collateral pledged. Goldman Sachs has no foreign denominated collateral while Merrill Lynch has $\$ 4.2$ billion and Morgan Stanley has $\$ 1.38$ billion.
PDCF Charts and Tables $\cdot 20081117 . \mathrm{doc}$
Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112


# Primary Dealer Credit Facility Collateral Report 

For Monday, November 17, 2008

## Highlights

- Total PDCF borrowing decreased by $\$ 2.38$ billion to $\$ 49.36$ billion. This is the first time borrowing has been below $\$ 50$ billion since September $16^{\text {th }}$.
- Morgan Stanley had the largest dollar decrease in borrowing on Monday declining by $\$ 1.89$ billion. Citigroup and Merrill Lynch were the only participants to increase borrowing with a combined increase of $\$ 0.51$ billion.
- Goldman Sachs, Merrill Lynch, and Morgan Stanley are permitted to pledge foreign denominated securities as collateral against PDCF borrowing. Foreign denominated collateral accounts for $10.15 \%$ of the total collateral pledged. Goldman Sachs has no foreign denominated collateral while Merrill Lynch has $\$ 4.2$ billion and Morgan Stanley has $\$ 1.38$ billion.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{1 1 / 1 7 / 2 0 0 8}$ | $\mathbf{1 1 / 1 4 / 2 0 0 8}$ | $\mathbf{1 1 / 1 3 / 2 0 0 8}$ | $\mathbf{1 1 / 1 2 / 2 0 0 8}$ | $\mathbf{1 1 / 1 0 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 0.50 | 1.00 | 1.00 | 3.00 | 3.00 |
| Citigroup | 7.85 | 7.48 | 7.74 | 9.00 | 12.79 |
| Goldman Sachs | 5.00 | 5.50 | 6.00 | 6.50 | 7.00 |
| Merrill Lynch | 23.25 | 23.11 | 22.67 | 23.63 | 24.69 |
| Mizuho | 0.14 | 0.15 | 0.15 | 0.18 | 0.17 |
| Morgan Stanley | 12.62 | 14.51 | 13.61 | 14.34 | 14.87 |
| Total Borrowings | $\mathbf{4 9 . 3 6}$ | $\mathbf{5 1 . 7 4}$ | $\mathbf{5 1 . 1 8}$ | $\mathbf{5 6 . 6 5}$ | $\mathbf{6 2 . 5 2}$ |


| Total Collateral $^{*}$ | 54.98 | 57.5 | 56.89 | 62.77 | 69.07 |
| :--- | :--- | :--- | :--- | :--- | :--- |


| Collateral Cushion | $11.39 \%$ | $11.13 \%$ | $11.16 \%$ | $10.80 \%$ | $10.48 \%$ |
| :--- | :--- | :--- | :--- | :--- | :--- |

[^5]
## RESTRICTED-FR

PDCF Borrowing Trend


## Composition of Collateral Pledged for November 17 Borrowings - in millions

[^6]
## RESTRICTED-FR

| Rating ${ }^{1}$ | Bank of America | Citigroup | Goldman Sachs | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treasury | - | - | - | 90.1 | - | - | 90.1 |
| Agency | - | - | 0.5 | 9.7 | - | 547.0 | 557.2 |
| AAA | - | 2,729.9 | 786.5 | 4,291.8 | 4.8 | 2,578.7 | 10,391.7 |
| AA | - | 2,005.8 | 169.1 | 765.9 | 19.2 | 1,050.1 | 4,010.0 |
| A | - | 575.8 | 238.1 | 1,594.7 | 124.6 | 962.2 | 3,495.4 |
| BBB | - | 860.4 | 229.6 | 1,815.6 | 1.4 | 918.0 | 3,825.0 |
| BB | 53.2 | - | 292.4 | 1,588.4 | - | 851.1 | 2,785.1 |
| B | 1.3 | - | 288.9 | 1,033.5 | - | 537.3 | 1,861.0 |
| CCC-C | 0.3 | - | 498.5 | 811.5 | - | 652.7 | 1,963.0 |
| D | 14.3 | - | 198.5 | 144.8 | - | 283.8 | 641.3 |
| A-1 | - | - | - | - | - | 104.1 | 104.1 |
| A-2 | - | - | - | - | - | - | - |
| A-3 | - | - | - | - | - | - | - |
| NP | - | - | - | - | - | - | - |
| Equity | - | 2,104.6 | 2,465.0 | 8,192.8 | - | 1,878.1 | 14,640.5 |
| Unkn Rtg (Triparty) | 474.4 | 119.2 | 234.7 | 4,809.9 | - | 3,315.3 | 8,953.5 |
| Unkn Rtg (non-Triparty) | - | - | - | - | - | 1,661.9 | 1,661.9 |
| Total Collateral | 543.5 | 8,395.7 | 5,401.9 | 25,148.6 | 150.0 | 15,340.2 | 54,979.9 |
| Total Borrowings | 500.0 | 7,846.0 | 5,000.0 | 23,251.3 | 140.2 | 12,624.0 | 49,361.5 |
| Collateral Cushion | 8.70\% | 7.01\% | 8.04\% | 8.16\% | 7.03\% | 21.52\% | 11.38\% |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $90,113,254$ | $0.16 \%$ |
| Agency | $557,184,474$ | $1.01 \%$ |
| AAA | $10,391,691,640$ | $18.90 \%$ |
| AA | $4,010,043,371$ | $7.29 \%$ |
| A | $3,495,414,807$ | $6.36 \%$ |
| BBB | $3,825,049,200$ | $6.96 \%$ |
| BB | $2,785,051,363$ | $5.07 \%$ |
| B | $1,861,045,964$ | $3.38 \%$ |
| CCC-C | $1,962,995,877$ | $3.57 \%$ |
| D | $641,323,657$ | $1.17 \%$ |
| A-1 | $104,127,604$ | $0.19 \%$ |
| Equity | $14,640,503,081$ | $26.63 \%$ |
| Unkn Rtg (Triparty) | $8,953,545,518$ | $16.29 \%$ |
| Unkn Rtg (non-Triparty) | $1,661,854,814$ | $3.02 \%$ |
| Total | $54,979,944,623$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $4,412,140,151$ | $8.02 \%$ |
| Agency Debt | $271,246,667$ | $0.49 \%$ |
| Auction Rate | $3,463,718,732$ | $6.30 \%$ |
| CDs-CP-BAs | $317,561,938$ | $0.58 \%$ |
| CMBS | $126,658,171$ | $0.23 \%$ |
| Convertible Bonds-Domestic | $1,989,685,452$ | $3.62 \%$ |
| Convertible Bonds-Foreign | $216,558,005$ | $0.39 \%$ |
| Corporates-Domestic | $4,557,426,206$ | $8.29 \%$ |
| Corporates-Foreign | $1,965,682,875$ | $3.58 \%$ |
| Equity-Domestic | $11,615,854,691$ | $21.13 \%$ |
| Equity-Foreign | $3,024,648,391$ | $5.50 \%$ |
| Foreign Sovereigns-Domestic | $1,056,410,423$ | $1.92 \%$ |
| Foreign Sovereigns-Foreign | $373,258,274$ | $0.68 \%$ |
| MBS - Agency - CMO | $285,937,807$ | $0.52 \%$ |
| MBS - Private (CMO) | $3,380,648,807$ | $6.15 \%$ |
| Muni | $13,992,024,336$ | $25.45 \%$ |
| Mutual Fund | $1,022,353,626$ | $1.86 \%$ |
| Other | $375,527,313$ | $0.68 \%$ |
| Supranational | $138,378,283$ | $0.25 \%$ |
| Treasury | $90,113,254$ | $0.16 \%$ |
| Whole Loans | $642,256,408$ | $1.17 \%$ |
| Whole Loans - DW | $1,661,854,814$ | $3.02 \%$ |
| Total | $54,979,944,623$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | CCC-C | 91,235 | 0.02\% |
|  |  | D | 14,282,938 | 2.63\% |
|  |  | Unkn Rtg (Triparty) | 99,774,060 | 18.36\% |
|  | MBS - Private (CMO) | BB | 53,165,931 | 9.78\% |
|  |  | Unkn Rtg (Triparty) | 85,018 | 0.02\% |
|  | Muni | B | 1,271,844 | 0.23\% |
|  |  | CCC-C | 221,113 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 374,587,584 | 68.92\% |
|  | Dealer Total |  | 543,479,723 | 100.00\% |
| Citigroup | Equity-Domestic | Equity | 2,104,604,674 | 25.07\% |
|  | Muni | AAA | 2,729,910,652 | 32.52\% |
|  |  | AA | 2,005,756,271 | 23.89\% |
|  |  | A | 575,820,432 | 6.86\% |
|  |  | BBB | 860,445,261 | 10.25\% |
|  |  | Unkn Rtg (Triparty) | 119,176,389 | 1.42\% |
|  | Dealer Total |  | 8,395,713,679 | 100.00\% |
| Goldman Sachs | ABS | AAA | 244,390,202 | 4.52\% |
|  |  | AA | 92,292,458 | 1.71\% |
|  |  | A | 99,812,830 | 1.85\% |
|  |  | BBB | 160,305,078 | 2.97\% |
|  |  | BB | 50,479,808 | 0.93\% |
|  |  | B | 99,931,992 | 1.85\% |
|  |  | CCC-C | 127,061,881 | 2.35\% |
|  |  | D | 187,075,014 | 3.46\% |
|  |  | Unkn Rtg (Triparty) | 43,373,852 | 0.80\% |
|  | Corporates-Domestic | B | 4,096,439 | 0.08\% |
|  |  | CCC-C | 313,621,181 | 5.81\% |
|  |  | D | 5,688,167 | 0.11\% |
|  |  | Unkn Rtg (Triparty) | 817,863 | 0.02\% |
|  | Equity-Domestic | Equity | 2,465,037,887 | 45.63\% |
|  | MBS - Agency - CMO | Agency | 505,190 | 0.01\% |
|  | MBS - Private (CMO) | AAA | 462,689,078 | 8.57\% |
|  |  | AA | 76,822,675 | 1.42\% |
|  |  | A | 138,316,846 | 2.56\% |
|  |  | BBB | 69,342,814 | 1.28\% |
|  |  | BB | 241,925,973 | 4.48\% |
|  |  | B | 184,877,429 | 3.42\% |
|  |  | CCC-C | 57,803,055 | 1.07\% |
|  |  | D | 5,555,388 | 0.10\% |
|  |  | Unkn Rtg (Triparty) | 52,320,276 | 0.97\% |
|  | Muni | D | 139,844 | 0.00\% |
|  | Mutual Fund | AAA | 79,395,217 | 1.47\% |
|  |  | Unkn Rtg (Triparty) | Payge, $234,35{ }^{\text {a }}$ | 2.56\% |
|  | Dealer Total |  | 5,401,912,785 | 100.00\% |
| Merrill Lynch | ABS | AAA | 369,370,635 | 1.47\% |
|  |  | AA | 104,346,655 | 0.41\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | ABS (con't) | D | 105,590,097 | 0.42\% |
|  |  | Unkn Rtg (Triparty) | ) 262,498,272 | 1.04\% |
|  | Agency Debt | Agency | 9,704,375 | 0.04\% |
|  | Auction Rate | AAA | 2,779,978,763 | 11.05\% |
|  |  | AA | 150,134,231 | 0.60\% |
|  |  | A | 164,756,186 | 0.66\% |
|  |  | BBB | 119,284,536 | 0.47\% |
|  |  | BB | 36,885,236 | 0.15\% |
|  |  | CCC-C | 28,187,111 | 0.11\% |
|  |  | D | 9,088 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | ) 184,483,582 | 0.73\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | ) 92,828,350 | 0.37\% |
|  | CMBS | Unkn Rtg (Triparty) | ) 52,780,337 | 0.21\% |
|  | Convertible Bonds-Domestic | AA | 67,103 | 0.00\% |
|  |  | A | 285,960,319 | 1.14\% |
|  |  | BBB | 216,767,254 | 0.86\% |
|  |  | BB | 52,549,537 | 0.21\% |
|  |  | B | 109,014,046 | 0.43\% |
|  |  | CCC-C | 66,495,737 | 0.26\% |
|  |  | D | 3,276 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 734,249,080 | 2.92\% |
|  | Convertible Bonds-Foreign | A | 1,293 | 0.00\% |
|  |  | BBB | 2,376 | 0.00\% |
|  |  | BB | 525 | 0.00\% |
|  |  | B | 32 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | ) 58,250,843 | 0.23\% |
|  | Corporates-Domestic | AAA | 77,148,670 | 0.31\% |
|  |  | AA | 14,632,544 | 0.06\% |
|  |  | A | 280,294,601 | 1.11\% |
|  |  | BBB | 309,631,517 | 1.23\% |
|  |  | BB | 118,886,357 | 0.47\% |
|  |  | B | 270,929,182 | 1.08\% |
|  |  | CCC-C | 441,778,743 | 1.76\% |
|  |  | D | 16,950,859 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 675,263,042 | 2.69\% |
|  | Corporates-Foreign | AAA | 42,398,395 | 0.17\% |
|  |  | AA | 39,195,519 | 0.16\% |
|  |  | A | 249,413,079 | 0.99\% |
|  |  | BBB | 278,319,332 | 1.11\% |
|  |  | BB | 347,619,805 | 1.38\% |
|  |  | B | 66,593,711 | 0.26\% |
|  |  | CCC-C | 51,093,560 | 0.20\% |
|  |  | D | 3,627,046 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 244,924,297 | 0.97\% |
|  | Equity-Domestic | Equity | Page 135722,746,573 | 22.75\% |
|  | Equity-Foreign | Equity | 2,471,038,989 | 9.83\% |
|  | Foreign Sovereigns-Domestic | AAA | 716,298 | 0.00\% |
|  |  | AA | 4,535,523 | 0.02\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Foreign Sovereigns-Domestic (con't) | B | 120,631,679 | 0.48\% |
|  |  | CCC-C | 5,090,397 | 0.02\% |
|  |  | D | 11,494,422 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 7,642,790 | 0.03\% |
|  | Foreign Sovereigns-Foreign | A | 83,640,519 | 0.33\% |
|  |  | BBB | 178,664,309 | 0.71\% |
|  |  | BB | 30,912,099 | 0.12\% |
|  |  | B | 57,056,323 | 0.23\% |
|  |  | D | 473,864 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 199,929 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 3,853 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 374,381,646 | 1.49\% |
|  |  | AA | 164,068,042 | 0.65\% |
|  |  | A | 121,211,174 | 0.48\% |
|  |  | BBB | 12,592,380 | 0.05\% |
|  |  | BB | 172,290,938 | 0.69\% |
|  |  | B | 246,476,498 | 0.98\% |
|  |  | CCC-C | 18,237,043 | 0.07\% |
|  |  | D | 915,076 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 102,134,751 | 0.41\% |
|  | Muni | AAA | 646,432,721 | 2.57\% |
|  |  | AA | 288,964,972 | 1.15\% |
|  |  | A | 290,164,464 | 1.15\% |
|  |  | BBB | 483,264,920 | 1.92\% |
|  |  | BB | 10,205,564 | 0.04\% |
|  |  | B | 2,043,126 | 0.01\% |
|  |  | CCC-C | 1,242,760 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 1,395,326,088 | 5.55\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 8,851,697 | 0.04\% |
|  | Other | BBB | 305,913 | 0.00\% |
|  |  | BB | 16,394,740 | 0.07\% |
|  |  | B | 4,333,013 | 0.02\% |
|  |  | CCC-C | 654,401 | 0.00\% |
|  |  | D | 5,698,915 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 348,140,332 | 1.38\% |
|  | Supranational | AAA | 1,370,671 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 24,728 | 0.00\% |
|  | Treasury | Treasury | 90,113,254 | 0.36\% |
|  | Whole Loans | Unkn Rtg (Triparty) | 642,256,408 | 2.55\% |
|  | Dealer Total |  | 25,148,646,320 | 100.00\% |
| Mizuho | Corporates-Domestic | AAA | 4,816,250 | 3.21\% |
|  |  | AA | 19,153,343 | 12.77\% |
|  |  | A | 124,609,431 | 83.09\% |
|  |  | BBB | 1,386,613 | 0.92\% |
|  | Dealer Total |  | 149,965,636 | 100.00\% |
| Morgan Stanley | ABS | AAA | 248,764,218 | 1.62\% |
|  |  | AA Page | f 2113,543,667 | 0.09\% |
|  |  | A | 47,449,009 | 0.31\% |
|  |  | BBB | 98,634,562 | 0.64\% |
|  |  | BB | 235,802,292 | 1.54\% |
|  |  | B | 112,429,926 | 0.73\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | ABS (con't) | CCC-C | 422,933,307 | 2.76\% |
|  |  | D | 210,116,045 | 1.37\% |
|  |  | Unkn Rtg (Triparty) | 276,162,900 | 1.80\% |
|  | Agency Debt | Agency | 261,542,292 | 1.70\% |
|  | CDs-CP-BAs | A-1 | 104,127,604 | 0.68\% |
|  |  | Unkn Rtg (Triparty) | 120,605,984 | 0.79\% |
|  | CMBS | BBB | 16,750 | 0.00\% |
|  |  | CCC-C | 145,145 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 73,715,939 | 0.48\% |
|  | Convertible Bonds-Domestic | AA | 38,988,563 | 0.25\% |
|  |  | A | 44,718,098 | 0.29\% |
|  |  | BBB | 183,961,945 | 1.20\% |
|  |  | BB | 8,480,400 | 0.06\% |
|  |  | B | 2,789,455 | 0.02\% |
|  |  | CCC-C | 9,240,982 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 236,399,658 | 1.54\% |
|  | Convertible Bonds-Foreign | AAA | 12,635,504 | 0.08\% |
|  |  | AA | 4,283,997 | 0.03\% |
|  |  | A | 227,731 | 0.00\% |
|  |  | BB | 6,633,481 | 0.04\% |
|  |  | B | 3,038,081 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 131,484,143 | 0.86\% |
|  | Corporates-Domestic | AAA | 159,560,909 | 1.04\% |
|  |  | AA | 242,941,659 | 1.58\% |
|  |  | A | 123,643,991 | 0.81\% |
|  |  | BBB | 262,400,011 | 1.71\% |
|  |  | BB | 107,576,747 | 0.70\% |
|  |  | B | 85,022,971 | 0.55\% |
|  |  | CCC-C | 31,952,760 | 0.21\% |
|  |  | D | 62,499,757 | 0.41\% |
|  |  | Unkn Rtg (Triparty) | 802,122,604 | 5.23\% |
|  | Corporates-Foreign | AAA | 40,633,335 | 0.26\% |
|  |  | AA | 6,953,821 | 0.05\% |
|  |  | A | 20,328,370 | 0.13\% |
|  |  | BBB | 21,932,028 | 0.14\% |
|  |  | BB | 161,139,298 | 1.05\% |
|  |  | B | 25,543,408 | 0.17\% |
|  |  | CCC-C | 16,220,955 | 0.11\% |
|  |  | D | 8,414,457 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 341,332,461 | 2.23\% |
|  | Equity-Domestic | Equity | 1,324,465,558 | 8.63\% |
|  | Equity-Foreign | Equity | 553,609,402 | 3.61\% |
|  | Foreign Sovereigns-Domestic | BB | 29,034,030 | 0.19\% |
|  |  | B | 57,751,586 | 0.38\% |
|  |  | CCC-C | 11,336,627 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 896 | 0.00\% |
|  | Foreign Sovereigns-Foreign | AAA | 543,635 | 0.00\% |
|  |  | AA | 4,440 | 0.00\% |
|  |  | BBB | Page 19 0682,d92 | 0.01\% |
|  |  | BB | 284,092 | 0.00\% |
|  |  | B | 20,471,736 | 0.13\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral |  | Rating | Dollar Value |
| :---: | :--- | :--- | ---: | ---: |
| Morgan Stanley (con't) | Foreign Sovereigns-Foreign (con't) | D | 24,438 | $0.00 \%$ |
|  | MBS - Agency - CMO | Agency | $285,428,765$ | $1.86 \%$ |
|  | MBS - Private (CMO) | AAA | $45,200,432$ | $0.29 \%$ |
|  | AA | $10,954,693$ | $0.07 \%$ |  |
|  | A | 88,036 | $0.01 \%$ |  |
|  | BBB | $95,165,205$ | $0.62 \%$ |  |
|  | BB | $275,964,132$ | $1.80 \%$ |  |
|  | B | $229,925,484$ | $1.50 \%$ |  |
|  | CCC-C | $75,944,593$ | $0.50 \%$ |  |
|  | D | $2,764,968$ | $0.02 \%$ |  |
|  | Unkn Rtg (Triparty) | $88,649,236$ | $0.58 \%$ |  |
|  | AAA | $1,472,721,526$ | $9.60 \%$ |  |
|  | AA | $732,403,198$ | $4.77 \%$ |  |
|  | A | $724,960,920$ | $4.73 \%$ |  |
|  | BBB | $254,871,756$ | $1.66 \%$ |  |
|  | BB | $26,211,921$ | $0.17 \%$ |  |
|  | B | 363,587 | $0.00 \%$ |  |
|  | CCC-C | $84,892,006$ | $0.55 \%$ |  |
|  | Unkn Rtg (Triparty) | $910,625,418$ | $5.94 \%$ |  |
|  | AAA | $461,65,000$ | $3.01 \%$ |  |
|  | Unkn Rtg (Triparty) | $334,22,360$ | $2.18 \%$ |  |
|  | AAA | $136,982,884$ | $0.89 \%$ |  |
|  | Unkn Rtg (non-Triparty) | $1,661,854,814$ | $10.83 \%$ |  |
|  |  | $15,340,226,480$ | $100.00 \%$ |  |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

## RESTRICTED FR

## Highlights for Tuesday, November 18

- Total PDCF borrowing decreased Tuesday by $\$ 0.53$ billion to $\$ 48.83$ billion.
- Bank of America increased borrowing by $\$ 1.5$ billion as compared to Monday. All other participants either decreased borrowing or remained unchanged.
- Merrill Lynch, Goldman Sachs and Morgan Stanley continue to utilize the expanded collateral eligibility schedule made available to them in late September to help facilitate their transition to bank holding companies. Additional forms of eligible collateral included whole loans and foreign denominated securities. Across these three entities, approximately 15 percent of their total collateral currently consists of whole loans or foreign denominated securities. Collateral provided by Merrill Lynch comprises the bulk of this, with roughly 21 percent (or $\$ 5.27$ billion) of Merrill Lynch's collateral consisting of whole loans ( 2.6 percent of total) and foreign denominated securities ( 18.6 percent of total).


PDCF Charts and Tables - 20081118.doc
Regards,
Tony

Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Tuesday, November 18, 2008

## Highlights

- Total PDCF borrowing decreased Tuesday by $\$ 0.53$ billion to $\$ 48.83$ billion.
- Bank of America increased borrowing by $\$ 1.5$ billion as compared to Monday. All other participants either decreased borrowing or remained unchanged.
- Merrill Lynch, Goldman Sachs and Morgan Stanley continue to utilize the expanded collateral eligibility schedule made available to them in late September to help facilitate their transition to bank holding companies. Additional forms of eligible collateral included whole loans and foreign denominated securities. Across these three entities, approximately 15 percent of their total collateral currently consists of whole loans or foreign denominated securities. Collateral provided by Merrill Lynch comprises the bulk of this, with roughly 21 percent (or $\$ 5.27$ billion) of Merrill Lynch's collateral consisting of whole loans (2.6 percent of total) and foreign denominated securities ( 18.6 percent of total).


## $\underline{\text { Overnight Borrowings - in billions }}$

| Dealer | $\mathbf{1 1 / 1 8 / 2 0 0 8}$ | $\mathbf{1 1 / 1 7 / 2 0 0 8}$ | $\mathbf{1 1 / 1 4 / 2 0 0 8}$ | $\mathbf{1 1 / 1 3 / 2 0 0 8}$ | $\mathbf{1 1 / 1 2 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 2.00 | 0.50 | 1.00 | 1.00 | 3.00 |
| Citigroup | 7.40 | 7.85 | 7.48 | 7.74 | 9.00 |
| Goldman Sachs | 4.00 | 5.00 | 5.50 | 6.00 | 6.50 |
| Merrill Lynch | 22.97 | 23.25 | 23.11 | 22.67 | 23.63 |
| Mizuho | 0.14 | 0.14 | 0.15 | 0.15 | 0.18 |
| Morgan Stanley | 12.32 | 12.62 | 14.51 | 13.61 | 14.34 |
| Total Borrowings | $\mathbf{4 8 . 8 3}$ | $\mathbf{4 9 . 3 6}$ | $\mathbf{5 1 . 7 4}$ | $\mathbf{5 1 . 1 8}$ | $\mathbf{5 6 . 6 5}$ |
|  |  |  |  |  |  |
| Total Collateral ${ }^{*}$ | $\mathbf{5 4 . 4}$ | $\mathbf{5 4 . 9 8}$ | $\mathbf{5 7 . 5}$ | $\mathbf{5 6 . 8 9}$ | $\mathbf{6 2 . 7 7}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 1 . 4 1 \%}$ | $\mathbf{1 1 . 3 9 \%}$ | $\mathbf{1 1 . 1 3 \%}$ | $\mathbf{1 1 . 1 6 \%}$ | $\mathbf{1 0 . 8 0 \%}$ |

## RESTRICTED-FR

* Includes additional commercial loans in a Borrower-In-Custody arrangement. Further legal review of swap receivable collateral suggests that the Reserve Bank does not have a claim against swap receivables collateral unless the pledging dealer has explicitly borrowed against this collateral. As such, swap receivables collateral has been removed from the collateral totals in this report.


## PDCF Borrowing Trend



## Composition of Collateral Pledged for November 18 Borrowings - in millions

[^7]| Rating ${ }^{1}$ | Bank of America | Citigroup | Goldman Sachs | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treasury | - | 21.4 | - | 55.6 | - | - | 77.0 |
| Agency | - | - | 0.5 | 9.7 | - | 705.5 | 715.7 |
| AAA | 228.8 | 2,711.2 | 767.3 | 4,794.0 | 4.7 | 2,271.5 | 10,777.5 |
| AA | 4.6 | 1,979.7 | 151.8 | 763.1 | 22.9 | 897.0 | 3,819.1 |
| A | 124.1 | 592.4 | 219.4 | 1,557.5 | 121.0 | 1,053.0 | 3,667.4 |
| BBB | 214.3 | 857.6 | 237.0 | 1,552.3 | 1.4 | 694.0 | 3,556.5 |
| BB | 52.9 | - | 289.6 | 1,482.1 | - | 811.4 | 2,636.0 |
| B | 1.2 | - | 278.2 | 948.4 | - | 499.6 | 1,727.3 |
| CCC-C | 26.6 | - | 170.3 | 797.4 | - | 800.9 | 1,795.2 |
| D | 12.6 | - | 179.9 | 155.1 | - | 275.9 | 623.5 |
| A-1 | - | - | - | - | - | - | - |
| A-2 | - | - | - | - | - | - | - |
| A-3 | - | - | - | - | - | - | - |
| NP | - | - | - | - | - | - | - |
| Equity | - | 1,649.6 | 1,778.8 | 7,814.5 | - | 1,886.3 | 13,129.2 |
| Unkn Rtg (Triparty) | 1,483.4 | 105.0 | 266.1 | 4,936.3 | - | 3,420.8 | 10,211.6 |
| Unkn Rtg (non-Triparty) | - | - | - | - | - | 1,661.9 | 1,661.9 |
| Total Collateral | 2,148.4 | 7,917.0 | 4,338.9 | 24,866.0 | 149.9 | 14,977.7 | 54,397.9 |
| Total Borrowings | 2,000.0 | 7,400.0 | 4,000.0 | 22,966.4 | 140.1 | 12,320.3 | 48,826.9 |
| Collateral Cushion | 7.42\% | 6.99\% | 8.47\% | 8.27\% | 6.97\% | 21.57\% | 11.41\% |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $77,030,783$ | $0.14 \%$ |
| Agency | $715,737,894$ | $1.32 \%$ |
| AAA | $10,777,493,045$ | $19.81 \%$ |
| AA | $3,819,121,734$ | $7.02 \%$ |
| A | $3,667,418,177$ | $6.74 \%$ |
| BBB | $3,556,478,513$ | $6.54 \%$ |
| BB | $2,636,003,244$ | $4.85 \%$ |
| B | $1,727,261,316$ | $3.18 \%$ |
| CCC-C | $1,795,220,878$ | $3.30 \%$ |
| D | $623,477,304$ | $1.15 \%$ |
| Equity | $13,129,159,203$ | $24.14 \%$ |
| Unkn Rtg (Triparty) | $10,211,621,470$ | $18.77 \%$ |
| Unkn Rtg (non-Triparty) | $1,661,854,814$ | $3.05 \%$ |
| Total | $54,397,878,375$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $4,312,555,453$ | $7.93 \%$ |
| Agency Debt | $319,341,252$ | $0.59 \%$ |
| Auction Rate | $3,457,848,666$ | $6.36 \%$ |
| CDs-CP-BAs | $362,441,056$ | $0.67 \%$ |
| CMBS | $172,299,289$ | $0.32 \%$ |
| Convertible Bonds-Domestic | $1,414,014,754$ | $2.60 \%$ |
| Convertible Bonds-Foreign | $223,869,026$ | $0.41 \%$ |
| Corporates-Domestic | $4,165,890,219$ | $7.66 \%$ |
| Corporates-Foreign | $1,963,004,362$ | $3.61 \%$ |
| Equity-Domestic | $10,279,190,593$ | $18.90 \%$ |
| Equity-Foreign | $2,849,968,610$ | $5.24 \%$ |
| Foreign Sovereigns-Domestic | $1,093,047,316$ | $2.01 \%$ |
| Foreign Sovereigns-Foreign | $878,271,834$ | $1.61 \%$ |
| MBS - Agency - CMO | $396,396,643$ | $0.73 \%$ |
| MBS - Private (CMO) | $3,180,452,193$ | $5.85 \%$ |
| Muni | $15,584,912,296$ | $28.65 \%$ |
| Mutual Fund | $899,789,043$ | $1.65 \%$ |
| Other | $366,238,176$ | $0.67 \%$ |
| Supranational | $97,838,245$ | $0.18 \%$ |
| Treasury | $77,030,783$ | $0.14 \%$ |
| Whole Loans | $641,623,753$ | $1.18 \%$ |
| Whole Loans - DW | $1,661,854,814$ | $3.05 \%$ |
| Total | $54,397,878,375$ | $100.00 \%$ |

## Collateral Composition by Dealer

## RESTRICTED-FR

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | CCC-C | 90,264 | 0.00\% |
|  |  | D | 12,593,767 | 0.59\% |
|  |  | Unkn Rtg (Triparty) | 99,506,227 | 4.63\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 207,910,732 | 9.68\% |
|  | MBS - Private (CMO) | BB | 52,854,104 | 2.46\% |
|  |  | Unkn Rtg (Triparty) | 77,143 | 0.00\% |
|  | Muni | AAA | 228,774,464 | 10.65\% |
|  |  | AA | 4,647,681 | 0.22\% |
|  |  | A | 124,072,425 | 5.78\% |
|  |  | BBB | 214,300,000 | 9.97\% |
|  |  | B | 1,171,707 | 0.05\% |
|  |  | CCC-C | 26,471,395 | 1.23\% |
|  |  | Unkn Rtg (Triparty) | 1,175,935,835 | 54.74\% |
|  | Dealer Total |  | 2,148,405,743 | 100.00\% |
| Citigroup | Equity-Domestic | Equity | 1,649,601,869 | 20.84\% |
|  | Muni | AAA | 2,711,236,096 | 34.25\% |
|  |  | AA | 1,979,700,891 | 25.01\% |
|  |  | A | 592,435,379 | 7.48\% |
|  |  | BBB | 857,576,789 | 10.83\% |
|  |  | Unkn Rtg (Triparty) | 105,017,294 | 1.33\% |
|  | Treasury | Treasury | 21,429,871 | 0.27\% |
|  | Dealer Total |  | 7,916,998,189 | 100.00\% |
| Goldman Sachs | ABS | AAA | 241,934,229 | 5.58\% |
|  |  | AA | 80,432,814 | 1.85\% |
|  |  | A | 95,164,117 | 2.19\% |
|  |  | BBB | 167,497,538 | 3.86\% |
|  |  | BB | 48,968,474 | 1.13\% |
|  |  | B | 99,196,035 | 2.29\% |
|  |  | CCC-C | 112,863,172 | 2.60\% |
|  |  | D | 174,411,569 | 4.02\% |
|  |  | Unkn Rtg (Triparty) | 203,626,427 | 4.69\% |
|  | Equity-Domestic | Equity | 1,778,807,064 | 41.00\% |
|  | MBS - Agency - CMO | Agency | 502,496 | 0.01\% |
|  | MBS - Private (CMO) | AAA | 446,887,671 | 10.30\% |
|  |  | AA | 71,400,219 | 1.65\% |
|  |  | A | 124,227,011 | 2.86\% |
|  |  | BBB | 69,523,711 | 1.60\% |
|  |  | BB | 240,652,625 | 5.55\% |
|  |  | B | 178,958,867 | 4.12\% |
|  |  | CCC-C | 57,471,980 | 1.32\% |
|  |  | D | 5,464,292 | 0.13\% |
|  |  | Unkn Rtg (Triparty) | 51,373,704 | 1.18\% |
|  | Mutual Fund | AAA | Paze, 4 b4, 28621 | 1.81\% |
|  |  | Unkn Rtg (Triparty) | 11,058,371 | 0.25\% |
|  | Dealer Total |  | 4,338,856,670 | 100.00\% |
| Merrill Lynch | ABS | AAA | 365,542,244 | 1.47\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | ABS (con't) | CCC-C | 197,663,678 | 0.79\% |
|  |  | D | 117,658,277 | 0.47\% |
|  |  | Unkn Rtg (Triparty) | ) 263,980,057 | 1.06\% |
|  | Agency Debt | Agency | 9,724,310 | 0.04\% |
|  | Auction Rate | AAA | 2,809,054,690 | 11.30\% |
|  |  | AA | 145,447,058 | 0.58\% |
|  |  | A | 135,560,901 | 0.55\% |
|  |  | BBB | 122,898,436 | 0.49\% |
|  |  | BB | 29,862,243 | 0.12\% |
|  |  | CCC-C | 28,714,838 | 0.12\% |
|  |  | D | 7,824 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | ) 186,302,677 | 0.75\% |
|  | CMBS | Unkn Rtg (Triparty) | ) 109,386,342 | 0.44\% |
|  | Convertible Bonds-Domestic | A | 265,941,922 | 1.07\% |
|  |  | BBB | 37,278,223 | 0.15\% |
|  |  | BB | 1,010,833 | 0.00\% |
|  |  | B | 280,219 | 0.00\% |
|  |  | CCC-C | 66,855,325 | 0.27\% |
|  |  | D | 3,612 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | ) 728,274,124 | 2.93\% |
|  | Convertible Bonds-Foreign | BBB | 2,358 | 0.00\% |
|  |  | BB | 521 | 0.00\% |
|  |  | B | 32 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | ) 84,445,917 | 0.34\% |
|  | Corporates-Domestic | AAA | 77,283,465 | 0.31\% |
|  |  | AA | 14,612,307 | 0.06\% |
|  |  | A | 274,252,825 | 1.10\% |
|  |  | BBB | 212,498,987 | 0.85\% |
|  |  | BB | 88,805,075 | 0.36\% |
|  |  | B | 267,937,441 | 1.08\% |
|  |  | CCC-C | 425,750,944 | 1.71\% |
|  |  | D | 16,974,583 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | ) 674,391,697 | 2.71\% |
|  | Corporates-Foreign | AAA | 42,315,297 | 0.17\% |
|  |  | AA | 35,331,833 | 0.14\% |
|  |  | A | 247,560,338 | 1.00\% |
|  |  | BBB | 276,412,687 | 1.11\% |
|  |  | BB | 346,596,256 | 1.39\% |
|  |  | B | 65,829,795 | 0.26\% |
|  |  | CCC-C | 53,523,005 | 0.22\% |
|  |  | D | 2,798,294 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | ) 252,485,805 | 1.02\% |
|  | Equity-Domestic | Equity | 5,444,720,273 | 21.90\% |
|  | Equity-Foreign | Equity | 2,369,764,344 | 9.53\% |
|  | Foreign Sovereigns-Domestic | AAA | Page 13 of 2716,320 | 0.00\% |
|  |  | AA | 4,582,812 | 0.02\% |
|  |  | A | 39,670,463 | 0.16\% |
|  |  | BBB | 152,382,698 | 0.61\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Foreign Sovereigns-Domestic (con't) | D | 10,668,193 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 7,998,812 | 0.03\% |
|  | Foreign Sovereigns-Foreign | AAA | 487,603,914 | 1.96\% |
|  |  | A | 100,871,076 | 0.41\% |
|  |  | BBB | 179,210,863 | 0.72\% |
|  |  | BB | 28,912,785 | 0.12\% |
|  |  | B | 58,718,245 | 0.24\% |
|  |  | D | 473,214 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 202,138 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 2,848 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 402,202,174 | 1.62\% |
|  |  | AA | 164,515,617 | 0.66\% |
|  |  | A | 121,203,806 | 0.49\% |
|  |  | BBB | 12,504,626 | 0.05\% |
|  |  | BB | 167,375,644 | 0.67\% |
|  |  | B | 236,208,237 | 0.95\% |
|  |  | CCC-C | 17,899,779 | 0.07\% |
|  |  | D | 1,211,670 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 99,272,569 | 0.40\% |
|  | Muni | AAA | 605,737,462 | 2.44\% |
|  |  | AA | 295,504,301 | 1.19\% |
|  |  | A | 298,960,984 | 1.20\% |
|  |  | BBB | 481,568,617 | 1.94\% |
|  |  | BB | 10,986,873 | 0.04\% |
|  |  | B | 2,251,950 | 0.01\% |
|  |  | CCC-C | 1,243,455 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 1,531,620,728 | 6.16\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 9,975,069 | 0.04\% |
|  | Other | BBB | 306,335 | 0.00\% |
|  |  | BB | 9,868,289 | 0.04\% |
|  |  | B | 3,747,515 | 0.02\% |
|  |  | CCC-C | 701,350 | 0.00\% |
|  |  | D | 5,279,274 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 346,335,413 | 1.39\% |
|  | Supranational | AAA | 3,558,521 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 24,903 | 0.00\% |
|  | Treasury | Treasury | 55,600,912 | 0.22\% |
|  | Whole Loans | Unkn Rtg (Triparty) | 641,623,753 | 2.58\% |
|  | Dealer Total |  | 24,865,981,474 | 100.00\% |
| Mizuho | Corporates-Domestic | AAA | 4,676,150 | 3.12\% |
|  |  | AA | 22,872,529 | 15.25\% |
|  |  | A | 121,021,415 | 80.71\% |
|  |  | BBB | 1,374,141 | 0.92\% |
|  | Dealer Total |  | 149,944,235 | 100.00\% |
| Morgan Stanley | ABS | AAA | 237,237,167 | 1.58\% |
|  |  | AA | 10,453,642 | 0.07\% |
|  |  | A Page | f 2140,406,932 | 0.27\% |
|  |  | BBB | 48,099,201 | 0.32\% |
|  |  | BB | 236,684,160 | 1.58\% |
|  |  | B | 112,042,844 | 0.75\% |
|  |  | CCC-C | 421,204,709 | 2.81\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | ABS (con't) | D | 208,933,659 | 1.39\% |
|  |  | Unkn Rtg (Triparty) | 117,060,199 | 0.78\% |
|  | Agency Debt | Agency | 309,616,942 | 2.07\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 154,530,324 | 1.03\% |
|  | CMBS | BBB | 16,600 | 0.00\% |
|  |  | CCC-C | 54,136 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 62,842,211 | 0.42\% |
|  | Convertible Bonds-Domestic | AA | 33,125 | 0.00\% |
|  |  | A | 31,842,325 | 0.21\% |
|  |  | BBB | 41,234,976 | 0.28\% |
|  |  | BB | 2,254,001 | 0.02\% |
|  |  | B | 3,043,903 | 0.02\% |
|  |  | CCC-C | 8,691,603 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 227,270,562 | 1.52\% |
|  | Convertible Bonds-Foreign | A | 230,220 | 0.00\% |
|  |  | BB | 4,407,257 | 0.03\% |
|  |  | B | 3,071,719 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 131,711,002 | 0.88\% |
|  | Corporates-Domestic | AAA | 188,841,576 | 1.26\% |
|  |  | AA | 154,152,565 | 1.03\% |
|  |  | A | 144,941,493 | 0.97\% |
|  |  | BBB | 245,942,701 | 1.64\% |
|  |  | BB | 105,817,475 | 0.71\% |
|  |  | B | 86,894,362 | 0.58\% |
|  |  | CCC-C | 179,225,375 | 1.20\% |
|  |  | D | 58,027,357 | 0.39\% |
|  |  | Unkn Rtg (Triparty) | 799,595,757 | 5.34\% |
|  | Corporates-Foreign | AAA | 40,830,569 | 0.27\% |
|  |  | AA | 6,949,014 | 0.05\% |
|  |  | A | 22,404,454 | 0.15\% |
|  |  | BBB | 23,562,313 | 0.16\% |
|  |  | BB | 160,994,671 | 1.07\% |
|  |  | B | 26,399,745 | 0.18\% |
|  |  | CCC-C | 14,473,457 | 0.10\% |
|  |  | D | 6,471,506 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 338,065,326 | 2.26\% |
|  | Equity-Domestic | Equity | 1,406,061,387 | 9.39\% |
|  | Equity-Foreign | Equity | 480,204,266 | 3.21\% |
|  | Foreign Sovereigns-Domestic | BBB | 6,449,034 | 0.04\% |
|  |  | BB | 29,883,769 | 0.20\% |
|  |  | B | 57,751,082 | 0.39\% |
|  |  | CCC-C | 11,311,929 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 897 | 0.00\% |
|  | Foreign Sovereigns-Foreign | AAA | 542,157 | 0.00\% |
|  |  | AA | 4,429 | 0.00\% |
|  |  | BBB | 979,284 | 0.01\% |
|  |  | BB | 282,001 | 0.00\% |
|  |  | B | 20,447,330 | 0.14\% |
|  |  | D | Page 19 012439 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 395,891,299 | 2.64\% |
|  | MBS - Private (CMO) | AAA | 24,443,270 | 0.16\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | MBS - Private (CMO) (con't) | AA | 15,750,952 | 0.11\% |
|  |  | A | 14,469,927 | 0.10\% |
|  |  | BBB | 53,781,901 | 0.36\% |
|  |  | BB | 245,099,432 | 1.64\% |
|  |  | B | 189,570,563 | 1.27\% |
|  |  | CCC-C | 73,113,442 | 0.49\% |
|  |  | D | 2,475,816 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 40,461,443 | 0.27\% |
|  | Muni | AAA | 1,217,636,503 | 8.13\% |
|  |  | AA | 709,643,061 | 4.74\% |
|  |  | A | 798,659,455 | 5.33\% |
|  |  | BBB | 273,889,476 | 1.83\% |
|  |  | BB | 26,015,540 | 0.17\% |
|  |  | B | 362,686 | 0.00\% |
|  |  | CCC-C | 92,804,554 | 0.62\% |
|  |  | Unkn Rtg (Triparty) | 1,216,686,696 | 8.12\% |
|  | Mutual Fund | AAA | 467,750,000 | 3.12\% |
|  |  | Unkn Rtg (Triparty) | 332,571,317 | 2.22\% |
|  | Supranational | AAA | 94,254,822 | 0.63\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,661,854,814 | 11.10\% |
|  | Dealer Total |  | 14,977,692,063 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Wednesday, November 19
Timothy Geithner, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 11/20/2008 05:16 PM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Wednesday, November 19

- Total PDCF borrowing decreased Tuesday by $\$ 2.2$ billion to $\$ 46.6$ billion.
- The current triparty collateral of PDCF consists primarily of municipal debt (27.9\%), equity (24.4\%), and corporate debt ( $11.3 \%$ ). Foreign denominated collateral comprises $10.3 \%$ of the total triparty collateral.
- Merrill Lynch and Morgan Stanley account for all of the foreign denominated collateral pledged in PDCF, totaling $\$ 5.18$ billion. Merrill Lynch accounts for $77 \%$ of the foreign denominated collateral ( $\$ 3.99$ billion) and Morgan Stanley accounts for the remaining 23\% (\$1.19 billion). Goldman Sachs has the ability to pledge foreign denominated collateral but is not doing so at this time.
PDCF Charts and Tables-20081119.doc
Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
$212-720-6112$


# Primary Dealer Credit Facility Collateral Report 

For Wednesday, November 19, 2008

## Highlights

- Total PDCF borrowing decreased Tuesday by $\$ 2.2$ billion to $\$ 46.6$ billion.
- The current triparty collateral of PDCF consists primarily of municipal debt ( $27.9 \%$ ), equity ( $24.4 \%$ ), and corporate debt ( $11.3 \%$ ). Foreign denominated collateral comprises $10.3 \%$ of the total triparty collateral.
- Merrill Lynch and Morgan Stanley account for all of the foreign denominated collateral pledged in PDCF, totaling $\$ 5.18$ billion. Merrill Lynch accounts for $77 \%$ of the foreign denominated collateral ( $\$ 3.99$ billion) and Morgan Stanley accounts for the remaining $23 \%$ ( $\$ 1.19$ billion). Goldman Sachs has the ability to pledge foreign denominated collateral but is not doing so at this time.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{1 1 / 1 9 / 2 0 0 8}$ | $\mathbf{1 1 / 1 8 / 2 0 0 8}$ | $\mathbf{1 1 / 1 7 / 2 0 0 8}$ | $\mathbf{1 1 / 1 4 / 2 0 0 8}$ | $\mathbf{1 1 / 1 3 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 0.50 | 2.00 | 0.50 | 1.00 | 1.00 |
| Citigroup | 7.40 | 7.40 | 7.85 | 7.48 | 7.74 |
| Goldman Sachs | 3.50 | 4.00 | 5.00 | 5.50 | 6.00 |
| Merrill Lynch | 22.15 | 22.97 | 23.25 | 23.11 | 22.67 |
| Mizuho | 0.17 | 0.14 | 0.14 | 0.15 | 0.15 |
| Morgan Stanley | 12.90 | 12.32 | 12.62 | 14.51 | 13.61 |
| Total Borrowings | $\mathbf{4 6 . 6 1}$ | $\mathbf{4 8 . 8 3}$ | $\mathbf{4 9 . 3 6}$ | $\mathbf{5 1 . 7 4}$ | $\mathbf{5 1 . 1 8}$ |


| Total Collateral ${ }^{*}$ | 52.07 | 54.4 | 54.98 | 57.5 | 56.89 |
| :--- | :--- | :--- | :--- | :--- | :--- |


| Collateral Cushion | $11.71 \%$ | $11.41 \%$ | $11.39 \%$ | $11.13 \%$ | $11.16 \%$ |
| :--- | :--- | :--- | :--- | :--- | :--- |

[^8]
## RESTRICTED-FR

PDCF Borrowing Trend


## Composition of Collateral Pledged for November 19 Borrowings - in millions

[^9]
## RESTRICTED-FR

| Rating ${ }^{1}$ | Bank of America | Citigroup | Goldman Sachs | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treasury | - | - | - | 7.6 | - | - | 7.6 |
| Agency | - | - | 0.5 | 9.3 | - | 545.4 | 555.1 |
| AAA | - | 2,709.9 | 754.1 | 4,273.0 | 4.7 | 2,492.1 | 10,233.8 |
| AA | - | 1,984.3 | 145.7 | 751.2 | 33.4 | 961.9 | 3,876.5 |
| A | - | 592.5 | 216.0 | 1,423.6 | 137.4 | 1,018.5 | 3,388.1 |
| BBB | - | 857.2 | 233.0 | 1,377.2 | 1.4 | 571.7 | 3,040.5 |
| BB | 52.9 | - | 278.9 | 1,445.8 | - | 800.2 | 2,577.8 |
| B | 1.2 | - | 272.7 | 886.5 | - | 506.9 | 1,667.3 |
| CCC-C | 0.3 | - | 170.0 | 749.6 | - | 617.8 | 1,537.8 |
| D | 12.6 | - | 150.0 | 180.8 | - | 308.7 | 652.1 |
| A-1 | - | - | - | - | - | 3.7 | 3.7 |
| A-2 | - | - | - | - | - | - | - |
| A-3 | - | - | - | - | - | - | - |
| NP | - | - | - | - | - | - | - |
| Equity | - | 1,669.9 | 1,227.4 | 8,031.3 | - | 1,392.3 | 12,320.9 |
| Unkn Rtg (Triparty) | 476.4 | 104.4 | 353.0 | 4,834.2 | - | 4,783.2 | 10,551.3 |
| Unkn Rtg (non-Triparty) | - | - | - | - | - | 1,661.9 | 1,661.9 |
| Total Collateral | 543.3 | 7,918.3 | 3,801.2 | 23,970.1 | 177.0 | 15,664.3 | 52,074.3 |
| Total Borrowings | 500.0 | 7,400.0 | 3,500.0 | 22,148.9 | 165.4 | 12,896.2 | 46,610.6 |
| Collateral Cushion | 8.66\% | 7.00\% | 8.61\% | 8.22\% | 7.01\% | 21.46\% | 11.72\% |

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Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $7,603,369$ | $0.01 \%$ |
| Agency | $555,123,850$ | $1.07 \%$ |
| AAA | $10,233,848,231$ | $19.65 \%$ |
| AA | $3,876,509,556$ | $7.44 \%$ |
| A | $3,388,050,725$ | $6.51 \%$ |
| BBB | $3,040,519,654$ | $5.84 \%$ |
| BB | $2,577,755,411$ | $4.95 \%$ |
| B | $1,667,323,578$ | $3.20 \%$ |
| CCC-C | $1,537,752,130$ | $2.95 \%$ |
| D | $652,110,876$ | $1.25 \%$ |
| A-1 | $3,686,540$ | $0.01 \%$ |
| Equity | $12,320,889,088$ | $23.66 \%$ |
| Unkn Rtg (Triparty) | $10,551,255,859$ | $20.26 \%$ |
| Unkn Rtg (non-Triparty) | $1,661,854,814$ | $3.19 \%$ |
| Total | $52,074,283,680$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $4,454,849,092$ | $8.55 \%$ |
| Agency Debt | $271,252,492$ | $0.52 \%$ |
| Auction Rate | $3,478,070,535$ | $6.68 \%$ |
| CDs-CP-BAs | $1,681,531,531$ | $3.23 \%$ |
| CMBS | $135,071,735$ | $0.26 \%$ |
| Convertible Bonds-Domestic | $1,236,275,034$ | $2.37 \%$ |
| Convertible Bonds-Foreign | $208,899,585$ | $0.40 \%$ |
| Corporates-Domestic | $3,807,529,537$ | $7.31 \%$ |
| Corporates-Foreign | $1,874,837,175$ | $3.60 \%$ |
| Equity-Domestic | $9,627,160,744$ | $18.49 \%$ |
| Equity-Foreign | $2,693,728,344$ | $5.17 \%$ |
| Foreign Sovereigns-Domestic | $1,040,213,460$ | $2.00 \%$ |
| Foreign Sovereigns-Foreign | $403,002,333$ | $0.77 \%$ |
| MBS - Agency - CMO | $283,871,359$ | $0.55 \%$ |
| MBS - Private (CMO) | $3,075,890,309$ | $5.91 \%$ |
| Muni | $14,058,156,504$ | $27.00 \%$ |
| Mutual Fund | $998,615,188$ | $1.92 \%$ |
| Other | $398,544,941$ | $0.77 \%$ |
| Supranational | $96,177,674$ | $0.18 \%$ |
| Treasury | $7,603,369$ | $0.01 \%$ |
| Whole Loans | $581,147,924$ | $1.12 \%$ |
| Whole Loans - DW | $1,661,854,814$ | $3.19 \%$ |
| Total | $52,074,283,680$ | $100.00 \%$ |

## Collateral Composition by Dealer

## RESTRICTED-FR

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | CCC-C | 89,960 | 0.02\% |
|  |  | D | 12,553,341 | 2.31\% |
|  |  | Unkn Rtg (Triparty) | 99,395,616 | 18.29\% |
|  | MBS - Private (CMO) | BB | 52,860,103 | 9.73\% |
|  |  | Unkn Rtg (Triparty) | 74,792 | 0.01\% |
|  | Muni | B | 1,202,276 | 0.22\% |
|  |  | CCC-C | 222,491 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 376,943,006 | 69.37\% |
|  | Dealer Total |  | 543,341,584 | 100.00\% |
| Citigroup | Corporates-Domestic | A | 1,210,471 | 0.02\% |
|  | Equity-Domestic | Equity | 1,669,902,918 | 21.09\% |
|  | Muni | AAA | 2,709,920,255 | 34.22\% |
|  |  | AA | 1,984,258,559 | 25.06\% |
|  |  | A | 591,339,475 | 7.47\% |
|  |  | BBB | 857,212,288 | 10.83\% |
|  |  | Unkn Rtg (Triparty) | 104,427,199 | 1.32\% |
|  | Dealer Total |  | 7,918,271,165 | 100.00\% |
| Goldman Sachs | ABS | AAA | 237,422,145 | 6.25\% |
|  |  | AA | 78,310,557 | 2.06\% |
|  |  | A | 94,234,532 | 2.48\% |
|  |  | BBB | 167,218,450 | 4.40\% |
|  |  | BB | 48,012,392 | 1.26\% |
|  |  | B | 93,614,121 | 2.46\% |
|  |  | CCC-C | 112,851,979 | 2.97\% |
|  |  | D | 144,575,864 | 3.80\% |
|  |  | Unkn Rtg (Triparty) | 203,637,317 | 5.36\% |
|  | Equity-Domestic | Equity | 1,227,377,195 | 32.29\% |
|  | MBS - Agency - CMO | Agency | 476,972 | 0.01\% |
|  | MBS - Private (CMO) | AAA | 437,215,936 | 11.50\% |
|  |  | AA | 67,376,042 | 1.77\% |
|  |  | A | 121,746,738 | 3.20\% |
|  |  | BBB | 65,794,263 | 1.73\% |
|  |  | BB | 230,879,104 | 6.07\% |
|  |  | B | 179,051,972 | 4.71\% |
|  |  | CCC-C | 57,189,818 | 1.50\% |
|  |  | D | 5,407,527 | 0.14\% |
|  |  | Unkn Rtg (Triparty) | 48,334,163 | 1.27\% |
|  | Mutual Fund | AAA | 79,502,496 | 2.09\% |
|  |  | Unkn Rtg (Triparty) | 101,006,742 | 2.66\% |
|  | Dealer Total |  | 3,801,236,323 | 100.00\% |
| Merrill Lynch | ABS | AAA | 358,022,516 | 1.49\% |
|  |  | AA | 100,301,585 | 0.42\% |
|  |  | A | Pag9,096,2871 | 0.41\% |
|  |  | BBB | 76,436,143 | 0.32\% |
|  |  | BB | 196,487,568 | 0.82\% |
|  |  | B | 175,621,752 | 0.73\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Auction Rate (con't) | AA | 145,435,531 | 0.61\% |
|  |  | A | 136,333,391 | 0.57\% |
|  |  | BBB | 122,890,833 | 0.51\% |
|  |  | BB | 29,851,156 | 0.12\% |
|  |  | CCC-C | 28,714,400 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | ) 187,245,065 | 0.78\% |
|  | CMBS | Unkn Rtg (Triparty) | ) 72,474,748 | 0.30\% |
|  | Convertible Bonds-Domestic | AA | 3,149,338 | 0.01\% |
|  |  | A | 145,979,709 | 0.61\% |
|  |  | B | 32,964,012 | 0.14\% |
|  |  | CCC-C | 66,608,567 | 0.28\% |
|  |  | D | 3,436 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | ) 699,090,726 | 2.92\% |
|  | Convertible Bonds-Foreign | BBB | 2,343 | 0.00\% |
|  |  | BB | 522 | 0.00\% |
|  |  | B | 32 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | ) 67,376,769 | 0.28\% |
|  | Corporates-Domestic | AAA | 79,606,229 | 0.33\% |
|  |  | AA | 45,408,362 | 0.19\% |
|  |  | A | 270,229,755 | 1.13\% |
|  |  | BBB | 99,732,137 | 0.42\% |
|  |  | BB | 88,378,921 | 0.37\% |
|  |  | B | 231,991,227 | 0.97\% |
|  |  | CCC-C | 352,851,854 | 1.47\% |
|  |  | D | 43,828,913 | 0.18\% |
|  |  | Unkn Rtg (Triparty) | ) 659,882,475 | 2.75\% |
|  | Corporates-Foreign | AAA | 42,280,729 | 0.18\% |
|  |  | AA | 36,854,987 | 0.15\% |
|  |  | A | 249,264,211 | 1.04\% |
|  |  | BBB | 273,709,911 | 1.14\% |
|  |  | BB | 344,402,140 | 1.44\% |
|  |  | B | 65,842,330 | 0.27\% |
|  |  | CCC-C | 34,451,066 | 0.14\% |
|  |  | D | 190,941 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | ) 254,266,328 | 1.06\% |
|  | Equity-Domestic | Equity | 5,791,561,819 | 24.16\% |
|  | Equity-Foreign | Equity | 2,239,774,569 | 9.34\% |
|  | Foreign Sovereigns-Domestic | AAA | 1,176,967 | 0.00\% |
|  |  | AA | 4,583,839 | 0.02\% |
|  |  | A | 22,055,133 | 0.09\% |
|  |  | BBB | 150,416,059 | 0.63\% |
|  |  | BB | 605,470,597 | 2.53\% |
|  |  | B | 140,550,681 | 0.59\% |
|  |  | CCC-C | 2,022,340 | 0.01\% |
|  |  | D | Page 13 of 10,583,909 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | ) 4,454,502 | 0.02\% |
|  | Foreign Sovereigns-Foreign | A | 114,665,669 | 0.48\% |
|  |  | BBB | 178,763,084 | 0.75\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Foreign Sovereigns-Foreign (con't) | Unkn Rtg (Triparty) | 440,690 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 3,065 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 430,892,855 | 1.80\% |
|  |  | AA | 122,149,254 | 0.51\% |
|  |  | A | 107,332,206 | 0.45\% |
|  |  | BBB | 14,632,323 | 0.06\% |
|  |  | BB | 132,947,721 | 0.55\% |
|  |  | B | 175,995,307 | 0.73\% |
|  |  | CCC-C | 9,380,733 | 0.04\% |
|  |  | D | 1,208,610 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 100,524,653 | 0.42\% |
|  | Muni | AAA | 529,856,667 | 2.21\% |
|  |  | AA | 293,304,947 | 1.22\% |
|  |  | A | 278,631,330 | 1.16\% |
|  |  | BBB | 460,319,717 | 1.92\% |
|  |  | BB | 10,991,454 | 0.05\% |
|  |  | B | 2,253,711 | 0.01\% |
|  |  | CCC-C | 1,244,636 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 1,555,601,272 | 6.49\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 8,748,056 | 0.04\% |
|  | Other | BBB | 306,415 | 0.00\% |
|  |  | BB | 8,424,498 | 0.04\% |
|  |  | B | 3,228,833 | 0.01\% |
|  |  | CCC-C | 701,712 | 0.00\% |
|  |  | D | 5,280,421 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 380,603,062 | 1.59\% |
|  | Supranational | AAA | 3,533,986 | 0.01\% |
|  | Treasury | Treasury | 7,603,369 | 0.03\% |
|  | Whole Loans | Unkn Rtg (Triparty) | 581,147,924 | 2.42\% |
|  | Dealer Total |  | 23,970,117,926 | 100.00\% |
| Mizuho | Corporates-Domestic | AAA | 4,724,600 | 2.67\% |
|  |  | AA | 33,438,993 | 18.89\% |
|  |  | A | 137,446,141 | 77.66\% |
|  |  | BBB | 1,385,028 | 0.78\% |
|  | Dealer Total |  | 176,994,762 | 100.00\% |
| Morgan Stanley | ABS | AAA | 240,032,449 | 1.53\% |
|  |  | AA | 6,972,415 | 0.04\% |
|  |  | A | 40,656,018 | 0.26\% |
|  |  | BBB | 25,431,237 | 0.16\% |
|  |  | BB | 238,644,914 | 1.52\% |
|  |  | B | 111,947,898 | 0.71\% |
|  |  | CCC-C | 373,121,452 | 2.38\% |
|  |  | D | 210,489,873 | 1.34\% |
|  |  | Unkn Rtg (Triparty) | 274,454,624 | 1.75\% |
|  | Agency Debt | Agency | 261,978,290 | 1.67\% |
|  | CDs-CP-BAs | A-1 | 3,686,540 | 0.02\% |
|  |  | Unkn Rtg (Tripanyd | Of,27P,844,991 | 10.71\% |
|  | CMBS | BBB | 16,280 | 0.00\% |
|  |  | CCC-C | 57,240 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 62,523,468 | 0.40\% |
|  | Convertible Bonds-Domestic | AA | 33,125 | 0.00\% |

## Collateral Composition by Dealer (continued)

## RESTRICTED-FR

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Convertible Bonds-Domestic (con't) | A | 33,268,272 | 0.21\% |
|  |  | BBB | 12,536,397 | 0.08\% |
|  |  | BB | 1,924,118 | 0.01\% |
|  |  | B | 2,768,668 | 0.02\% |
|  |  | CCC-C | 12,098,183 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 225,850,483 | 1.44\% |
|  | Convertible Bonds-Foreign | BB | 304,769 | 0.00\% |
|  |  | B | 3,055,286 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 138,159,866 | 0.88\% |
|  | Corporates-Domestic | AAA | 153,832,927 | 0.98\% |
|  |  | AA | 146,008,707 | 0.93\% |
|  |  | A | 115,996,305 | 0.74\% |
|  |  | BBB | 242,554,448 | 1.55\% |
|  |  | BB | 105,412,876 | 0.67\% |
|  |  | B | 87,941,278 | 0.56\% |
|  |  | CCC-C | 33,125,100 | 0.21\% |
|  |  | D | 89,390,091 | 0.57\% |
|  |  | Unkn Rtg (Triparty) | 783,152,701 | 5.00\% |
|  | Corporates-Foreign | AAA | 18,195,980 | 0.12\% |
|  |  | AA | 5,562,027 | 0.04\% |
|  |  | A | 13,586,847 | 0.09\% |
|  |  | BBB | 4,522,202 | 0.03\% |
|  |  | BB | 158,251,727 | 1.01\% |
|  |  | B | 22,832,471 | 0.15\% |
|  |  | CCC-C | 17,363,957 | 0.11\% |
|  |  | D | 6,438,157 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 326,821,167 | 2.09\% |
|  | Equity-Domestic | Equity | 938,318,812 | 5.99\% |
|  | Equity-Foreign | Equity | 453,953,776 | 2.90\% |
|  | Foreign Sovereigns-Domestic | BBB | 960,417 | 0.01\% |
|  |  | BB | 29,571,409 | 0.19\% |
|  |  | B | 57,149,137 | 0.36\% |
|  |  | CCC-C | 11,217,573 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 897 | 0.00\% |
|  | Foreign Sovereigns-Foreign | BBB | 976,913 | 0.01\% |
|  |  | BB | 285,462 | 0.00\% |
|  |  | B | 20,446,136 | 0.13\% |
|  |  | D | 24,436 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 283,391,322 | 1.81\% |
|  | MBS - Private (CMO) | AAA | 69,920,239 | 0.45\% |
|  |  | AA | 16,426,846 | 0.10\% |
|  |  | A | 8,334,890 | 0.05\% |
|  |  | BBB | 22,984,621 | 0.15\% |
|  |  | BB | 239,743,019 | 1.53\% |
|  |  | B | 200,406,473 | 1.28\% |
|  |  | CCC-C | 72,457,939 | 0.46\% |
|  |  | D | 2,401,280 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 82,220,883 | 0.52\% |
|  | Muni | AAA Page | (9) Of, 4411,517,409 | 9.20\% |
|  |  | AA | 786,934,444 | 5.02\% |
|  |  | A | 806,640,348 | 5.15\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Muni (con't) | BBB | 261,718,147 | 1.67\% |
|  |  | BB | 26,082,552 | 0.17\% |
|  |  | B | 362,429 | 0.00\% |
|  |  | CCC-C | 98,362,577 | 0.63\% |
|  |  | Unkn Rtg (Triparty) | 878,809,319 | 5.61\% |
|  | Mutual Fund | AAA | 475,950,000 | 3.04\% |
|  |  | Unkn Rtg (Triparty) | 333,407,895 | 2.13\% |
|  | Supranational | AAA | 92,643,688 | 0.59\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,661,854,814 | 10.61\% |
|  | Dealer Total |  | 15,664,321,921 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Thursday, November 20
Timothy Geithner, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 11/21/2008 04:11 PM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Thursday, November 20

- Total PDCF borrowing increased by $\$ 2.66$ billion to $\$ 49.27$ billion on Thursday.
- The increased participation was led by Citigroup with $\$ 4.5$ billion in added borrowing and Bank of America with a $\$ 0.5$ billion increase. All other participants reduced borrowing from Wednesday to Thursday.
- Between Wednesday and Thursday, the composition of the collateral pledged by Citigroup shifted away from investment grade ( $77.6 \%$ to $64.6 \%$ ) and towards equities ( $21.1 \%$ to $32.2 \%$ ). For comparison, on November 6th, when Citigroup's borrowing peaked at $\$ 17.4$ billion, the collateral composition was $53.4 \%$ investment grade and $42.9 \%$ equities.

比<br>PDCF Charts and Tables - 20081120 .doc<br>Regards,<br>Tony<br>Anthony Maglia<br>Markets Group<br>Federal Reserve Bank of New York<br>212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Thursday, November 20, 2008

## Highlights

- Total PDCF borrowing increased by $\$ 2.66$ billion to $\$ 49.27$ billion on Thursday.
- The increased participation was led by Citigroup with $\$ 4.5$ billion in added borrowing and Bank of America with a $\$ 0.5$ billion increase. All other participants reduced borrowing from Wednesday to Thursday.
- Between Wednesday and Thursday, the composition of the collateral pledged by Citigroup shifted away from investment grade ( $77.6 \%$ to $64.6 \%$ ) and towards equities ( $21.1 \%$ to $32.2 \%$ ). For comparison, on November $6^{\text {th }}$, when Citigroup's borrowing peaked at $\$ 17.4$ billion, the collateral composition was $53.4 \%$ investment grade and $42.9 \%$ equities.

Overnight Borrowings - in billions

| Dealer | $\mathbf{1 1 / 2 0 / 2 0 0 8}$ | $\mathbf{1 1 / 1 9 / 2 0 0 8}$ | $\mathbf{1 1 / 1 8 / 2 0 0 8}$ | $\mathbf{1 1 / 1 7 / 2 0 0 8}$ | $\mathbf{1 1 / 1 4 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 1.00 | 0.50 | 2.00 | 0.50 | 1.00 |
| Citigroup | 11.90 | 7.40 | 7.40 | 7.85 | 7.48 |
| Goldman Sachs | 3.00 | 3.50 | 4.00 | 5.00 | 5.50 |
| Merrill Lynch | 21.82 | 22.15 | 22.97 | 23.25 | 23.11 |
| Mizuho | 0.15 | 0.17 | 0.14 | 0.14 | 0.15 |
| Morgan Stanley | 11.39 | 12.90 | 12.32 | 12.62 | 14.51 |
| Total Borrowings | $\mathbf{4 9 . 2 7}$ | $\mathbf{4 6 . 6 1}$ | $\mathbf{4 8 . 8 3}$ | $\mathbf{4 9 . 3 6}$ | $\mathbf{5 1 . 7 4}$ |
|  |  |  |  |  |  |
| Total Collateral ${ }^{*}$ | $\mathbf{5 4 . 8 6}$ | $\mathbf{5 2 . 0 7}$ | $\mathbf{5 4 . 4}$ | $\mathbf{5 4 . 9 8}$ | $\mathbf{5 7 . 5}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 1 . 3 5 \%}$ | $\mathbf{1 1 . 7 1 \%}$ | $\mathbf{1 1 . 4 1 \%}$ | $\mathbf{1 1 . 3 9 \%}$ | $\mathbf{1 1 . 1 3 \%}$ |

* Includes additional commercial loans in a Borrower-In-Custody arrangement. Further legal review of swap receivable collateral suggests that the Reserve Bank does not have a claim against swap receivables collateral unless the pledging dealer has explicitly borrowed against this collateral. As such, swap receivables collateral has been removed from the collateral totals in this report.


## RESTRICTED-FR

PDCF Borrowing Trend

\$0
$03 / 17 / 2008$ 04/08/2008 04/29/2008 05/20/2008 06/11/2008 07/02/2008 07/24/2008 08/14/2008 09/05/2008 09/26/2008 10/20/2008 11/10/2008
Date
$\longrightarrow$ Total Borrowing - Bear Stearns Borrowing - Other Borrowing $\longrightarrow$ Total Collateral

## Composition of Collateral Pledged for November 20 Borrowings - in millions

[^10]
## RESTRICTED-FR

| Rating ${ }^{1}$ | Bank of America | Citigroup | Goldman Sachs | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treasury | - | - | - | 182.7 | - | - | 182.7 |
| Agency | - | - | 0.5 | 10.1 | - | 523.2 | 533.8 |
| AAA | - | 4,674.0 | 742.5 | 4,277.0 | - | 2,343.0 | 12,036.5 |
| AA | - | 2,032.5 | 142.3 | 795.6 | 17.7 | 1,261.2 | 4,249.3 |
| A | 1.9 | 692.1 | 211.6 | 1,690.3 | 138.0 | 1,022.5 | 3,756.4 |
| BBB | - | 830.4 | 230.4 | 1,416.3 | 1.4 | 622.1 | 3,100.5 |
| BB | 35.1 | - | 231.0 | 1,348.2 | - | 776.8 | 2,391.1 |
| B | 1.2 | - | 270.3 | 915.6 | - | 498.8 | 1,685.9 |
| CCC-C | 5.1 | 23.6 | 167.9 | 681.9 | - | 667.5 | 1,546.0 |
| D | 12.6 | - | 150.1 | 185.0 | - | 409.0 | 756.7 |
| A-1 | - | - | - | - | - | - | - |
| A-2 | - | - | - | - | - | - | - |
| A-3 | - | - | - | - | - | - | - |
| NP | - | - | - | - | - | - | - |
| Equity | - | 4,096.7 | 756.4 | 7,510.1 | - | 1,225.1 | 13,588.5 |
| Unkn Rtg (Triparty) | 1,022.0 | 392.3 | 360.1 | 4,596.4 | - | 2,995.8 | 9,366.6 |
| Unkn Rtg (non-Triparty) | - | - | - | - | - | 1,661.9 | 1,661.9 |
| Total Collateral | 1,077.9 | 12,741.6 | 3,263.2 | 23,609.1 | 157.2 | 14,006.8 | 54,855.8 |
| Total Borrowings | 1,000.0 | 11,900.0 | 3,000.0 | 21,824.9 | 146.9 | 11,393.5 | 49,265.3 |
| Collateral Cushion | 7.79\% | 7.07\% | 8.77\% | 8.18\% | 7.03\% | 22.94\% | 11.35\% |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Page 5 of 21

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $182,672,132$ | $0.33 \%$ |
| Agency | $533,809,888$ | $0.97 \%$ |
| AAA | $12,036,478,880$ | $21.94 \%$ |
| AA | $4,249,252,896$ | $7.75 \%$ |
| A | $3,756,409,950$ | $6.85 \%$ |
| BBB | $3,100,533,687$ | $5.65 \%$ |
| BB | $2,391,100,400$ | $4.36 \%$ |
| B | $1,685,898,005$ | $3.07 \%$ |
| CCC-C | $1,546,035,721$ | $2.82 \%$ |
| D | $756,696,644$ | $1.38 \%$ |
| Equity | $13,588,455,059$ | $24.77 \%$ |
| Unkn Rtg (Triparty) | $9,366,625,974$ | $17.07 \%$ |
| Unkn Rtg (non-Triparty) | $1,661,854,814$ | $3.03 \%$ |
| Total | $54,855,824,049$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $5,160,655,149$ | $9.41 \%$ |
| Agency Debt | $251,263,059$ | $0.46 \%$ |
| Auction Rate | $3,484,192,100$ | $6.35 \%$ |
| CDs-CP-BAs | $96,284,825$ | $0.18 \%$ |
| CMBS | $103,022,096$ | $0.19 \%$ |
| Convertible Bonds-Domestic | $1,189,362,850$ | $2.17 \%$ |
| Convertible Bonds-Foreign | $184,211,529$ | $0.34 \%$ |
| Corporates-Domestic | $3,628,818,831$ | $6.62 \%$ |
| Corporates-Foreign | $1,851,125,553$ | $3.37 \%$ |
| Equity-Domestic | $10,860,425,509$ | $19.80 \%$ |
| Equity-Foreign | $2,728,029,550$ | $4.97 \%$ |
| Foreign Sovereigns-Domestic | $963,642,672$ | $1.76 \%$ |
| Foreign Sovereigns-Foreign | $382,552,975$ | $0.70 \%$ |
| MBS - Agency - CMO | $282,546,829$ | $0.52 \%$ |
| MBS - Private (CMO) | $3,193,970,371$ | $5.82 \%$ |
| Muni | $14,329,243,663$ | $26.12 \%$ |
| Mutual Fund | $3,229,179,594$ | $5.89 \%$ |
| Other | $397,583,904$ | $0.72 \%$ |
| Supranational | $115,925,700$ | $0.21 \%$ |
| Treasury | $182,672,132$ | $0.33 \%$ |
| Whole Loans | $579,260,345$ | $1.06 \%$ |
| Whole Loans - DW | $1,661,854,814$ | $3.03 \%$ |
| Total | $54,855,824,049$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | CCC-C | 89,646 | 0.01\% |
|  |  | D | 12,579,215 | 1.17\% |
|  |  | Unkn Rtg (Triparty) | 99,417,794 | 9.22\% |
|  | MBS - Private (CMO) | BB | 35,134,544 | 3.26\% |
|  |  | Unkn Rtg (Triparty) | 68,697 | 0.01\% |
|  | Muni | A | 1,873,624 | 0.17\% |
|  |  | B | 1,202,845 | 0.11\% |
|  |  | CCC-C | 4,965,679 | 0.46\% |
|  |  | Unkn Rtg (Triparty) | 922,547,203 | 85.59\% |
|  | Dealer Total |  | 1,077,879,247 | 100.00\% |
| Citigroup | ABS | AAA | 263,865,199 | 2.07\% |
|  |  | AA | 156,586,077 | 1.23\% |
|  |  | A | 160,825,412 | 1.26\% |
|  |  | BBB | 67,837,604 | 0.53\% |
|  |  | CCC-C | 23,628,902 | 0.19\% |
|  | Equity-Domestic | Equity | 4,096,747,788 | 32.15\% |
|  | Muni | AAA | 2,526,002,948 | 19.82\% |
|  |  | AA | 1,875,943,949 | 14.72\% |
|  |  | A | 531,226,108 | 4.17\% |
|  |  | BBB | 762,567,105 | 5.98\% |
|  |  | Unkn Rtg (Triparty) | 80,481,858 | 0.63\% |
|  | Mutual Fund | AAA | 1,884,125,000 | 14.79\% |
|  |  | Unkn Rtg (Triparty) | 311,774,435 | 2.45\% |
|  | Dealer Total |  | 12,741,612,383 | 100.00\% |
| Goldman Sachs | ABS | AAA | 234,456,472 | 7.18\% |
|  |  | AA | 76,005,413 | 2.33\% |
|  |  | A | 91,942,905 | 2.82\% |
|  |  | BBB | 165,603,464 | 5.07\% |
|  |  | BB | 47,117,252 | 1.44\% |
|  |  | B | 93,107,566 | 2.85\% |
|  |  | CCC-C | 112,871,376 | 3.46\% |
|  |  | D | 144,790,925 | 4.44\% |
|  |  | Unkn Rtg (Triparty) | 175,771,059 | 5.39\% |
|  | Equity-Domestic | Equity | 756,432,425 | 23.18\% |
|  | MBS - Agency - CMO | Agency | 478,528 | 0.01\% |
|  | MBS - Private (CMO) | AAA | 428,593,497 | 13.13\% |
|  |  | AA | 66,286,838 | 2.03\% |
|  |  | A | 119,702,214 | 3.67\% |
|  |  | BBB | 64,775,807 | 1.99\% |
|  |  | BB | 183,892,266 | 5.64\% |
|  |  | B | 177,197,486 | 5.43\% |
|  |  | CCC-C | 55,045,683 | 1.69\% |
|  |  | D | Page, 3 b2,91821 | 0.16\% |
|  |  | Unkn Rtg (Triparty) | 47,940,080 | 1.47\% |
|  | Mutual Fund | AAA | 79,434,418 | 2.43\% |
|  |  | Unkn Rtg (Triparty) | 136,418,551 | 4.18\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | ABS (con't) | BB | 176,484,787 | 0.75\% |
|  |  | B | 168,473,420 | 0.71\% |
|  |  | CCC-C | 195,702,292 | 0.83\% |
|  |  | D | 117,655,442 | 0.50\% |
|  |  | Unkn Rtg (Triparty) | ) 276,974,650 | 1.17\% |
|  | Agency Debt | Agency | 10,117,132 | 0.04\% |
|  | Auction Rate | AAA | 2,842,809,524 | 12.04\% |
|  |  | AA | 145,434,477 | 0.62\% |
|  |  | A | 132,862,298 | 0.56\% |
|  |  | BBB | 122,879,572 | 0.52\% |
|  |  | BB | 29,861,845 | 0.13\% |
|  |  | CCC-C | 28,703,719 | 0.12\% |
|  |  | D | 199 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | ) 181,640,466 | 0.77\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | ) 93,080,830 | 0.39\% |
|  | CMBS | Unkn Rtg (Triparty) | ) 40,934,616 | 0.17\% |
|  | Convertible Bonds-Domestic | AA | 3,110,994 | 0.01\% |
|  |  | A | 132,971,052 | 0.56\% |
|  |  | CCC-C | 58,123,269 | 0.25\% |
|  |  | D | 4,720,688 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | ) 675,307,657 | 2.86\% |
|  | Convertible Bonds-Foreign | A | 1,297 | 0.00\% |
|  |  | BBB | 2,352 | 0.00\% |
|  |  | BB | 542 | 0.00\% |
|  |  | B | 32 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | ) 58,767,132 | 0.25\% |
|  | Corporates-Domestic | AAA | 82,608,103 | 0.35\% |
|  |  | AA | 47,155,141 | 0.20\% |
|  |  | A | 250,016,160 | 1.06\% |
|  |  | BBB | 101,694,592 | 0.43\% |
|  |  | BB | 85,813,949 | 0.36\% |
|  |  | B | 231,021,492 | 0.98\% |
|  |  | CCC-C | 342,189,662 | 1.45\% |
|  |  | D | 44,792,133 | 0.19\% |
|  |  | Unkn Rtg (Triparty) | ) 602,229,770 | 2.55\% |
|  | Corporates-Foreign | AAA | 40,024,085 | 0.17\% |
|  |  | AA | 36,936,442 | 0.16\% |
|  |  | A | 242,072,138 | 1.03\% |
|  |  | BBB | 270,743,414 | 1.15\% |
|  |  | BB | 340,314,172 | 1.44\% |
|  |  | B | 69,022,987 | 0.29\% |
|  |  | CCC-C | 33,099,126 | 0.14\% |
|  |  | D | 191,393 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | ) 254,245,391 | 1.08\% |
|  | Equity-Domestic | Equity | Page 135010,982,985 | 22.50\% |
|  | Equity-Foreign | Equity | 2,199,156,644 | 9.31\% |
|  | Foreign Sovereigns-Domestic | AAA | 1,206,614 | 0.01\% |
|  |  | AA | 4,510,591 | 0.02\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Foreign Sovereigns-Domestic (con't) | B | 149,623,740 | 0.63\% |
|  |  | CCC-C | 5,082,435 | 0.02\% |
|  |  | D | 10,649,625 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 4,508,653 | 0.02\% |
|  | Foreign Sovereigns-Foreign | A | 101,428,928 | 0.43\% |
|  |  | BBB | 178,341,696 | 0.76\% |
|  |  | BB | 19,937,251 | 0.08\% |
|  |  | B | 60,238,929 | 0.26\% |
|  |  | D | 477,192 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 435,433 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 4,081 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 443,206,653 | 1.88\% |
|  |  | AA | 162,767,047 | 0.69\% |
|  |  | A | 121,511,182 | 0.51\% |
|  |  | BBB | 14,557,814 | 0.06\% |
|  |  | BB | 166,701,567 | 0.71\% |
|  |  | B | 231,130,828 | 0.98\% |
|  |  | CCC-C | 17,081,743 | 0.07\% |
|  |  | D | 1,202,634 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 97,811,070 | 0.41\% |
|  | Muni | AAA | 519,324,285 | 2.20\% |
|  |  | AA | 301,456,577 | 1.28\% |
|  |  | A | 354,577,292 | 1.50\% |
|  |  | BBB | 507,783,857 | 2.15\% |
|  |  | BB | 11,296,732 | 0.05\% |
|  |  | B | 2,125,449 | 0.01\% |
|  |  | CCC-C | 1,245,782 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 1,584,503,746 | 6.71\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 8,659,687 | 0.04\% |
|  | Other | A | 242,620,000 | 1.03\% |
|  |  | BBB | 143,070 | 0.00\% |
|  |  | BB | 6,910,267 | 0.03\% |
|  |  | B | 3,948,864 | 0.02\% |
|  |  | CCC-C | 697,073 | 0.00\% |
|  |  | D | 5,281,569 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 137,983,062 | 0.58\% |
|  | Supranational | AAA | 3,481,244 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 25,592 | 0.00\% |
|  | Treasury | Treasury | 182,672,132 | 0.77\% |
|  | Whole Loans | Unkn Rtg (Triparty) | 579,260,345 | 2.45\% |
|  | Dealer Total |  | 23,609,135,458 | 100.00\% |
| Mizuho | Corporates-Domestic | AA | 17,719,668 | 11.28\% |
|  |  | A | 138,041,075 | 87.84\% |
|  |  | BBB | 1,395,540 | 0.89\% |
|  | Dealer Total |  | 157,156,283 | 100.00\% |
| Morgan Stanley | ABS | AAA | 375,308,950 | 2.68\% |
|  |  | AA Page | f 2115,183,175 | 0.11\% |
|  |  | A | 40,390,464 | 0.29\% |
|  |  | BBB | 25,009,091 | 0.18\% |
|  |  | BB | 220,689,849 | 1.58\% |
|  |  | B | 110,986,550 | 0.79\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | ABS (con't) | CCC-C | 416,474,296 | 2.97\% |
|  |  | D | 313,864,043 | 2.24\% |
|  |  | Unkn Rtg (Triparty) | 188,233,459 | 1.34\% |
|  | Agency Debt | Agency | 241,145,928 | 1.72\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 3,203,995 | 0.02\% |
|  | CMBS | BBB | 14,400 | 0.00\% |
|  |  | CCC-C | 50,085 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 62,022,995 | 0.44\% |
|  | Convertible Bonds-Domestic | AA | 33,125 | 0.00\% |
|  |  | A | 32,411,308 | 0.23\% |
|  |  | BBB | 40,092,774 | 0.29\% |
|  |  | BB | 5,063,713 | 0.04\% |
|  |  | B | 2,761,881 | 0.02\% |
|  |  | CCC-C | 12,417,194 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 222,349,196 | 1.59\% |
|  | Convertible Bonds-Foreign | BB | 304,834 | 0.00\% |
|  |  | B | 3,083,940 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 122,051,400 | 0.87\% |
|  | Corporates-Domestic | AAA | 89,551,493 | 0.64\% |
|  |  | AA | 251,818,942 | 1.80\% |
|  |  | A | 105,433,873 | 0.75\% |
|  |  | BBB | 224,001,145 | 1.60\% |
|  |  | BB | 103,379,384 | 0.74\% |
|  |  | B | 85,928,018 | 0.61\% |
|  |  | CCC-C | 40,874,689 | 0.29\% |
|  |  | D | 62,726,275 | 0.45\% |
|  |  | Unkn Rtg (Triparty) | 720,427,730 | 5.14\% |
|  | Corporates-Foreign | AAA | 18,210,358 | 0.13\% |
|  |  | AA | 5,489,123 | 0.04\% |
|  |  | A | 14,124,066 | 0.10\% |
|  |  | BBB | 25,384,108 | 0.18\% |
|  |  | BB | 156,180,776 | 1.12\% |
|  |  | B | 19,281,161 | 0.14\% |
|  |  | CCC-C | 16,215,887 | 0.12\% |
|  |  | D | 6,913,333 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 302,677,595 | 2.16\% |
|  | Equity-Domestic | Equity | 696,262,311 | 4.97\% |
|  | Equity-Foreign | Equity | 528,872,906 | 3.78\% |
|  | Foreign Sovereigns-Domestic | BBB | 965,575 | 0.01\% |
|  |  | BB | 29,555,598 | 0.21\% |
|  |  | B | 57,191,316 | 0.41\% |
|  |  | CCC-C | 11,282,958 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 897 | 0.00\% |
|  | Foreign Sovereigns-Foreign | BBB | 976,875 | 0.01\% |
|  |  | BB | 278,852 | 0.00\% |
|  |  | B | 20,413,333 | 0.15\% |
|  |  | D | 24,485 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 282,064,219 | 2.01\% |
|  | MBS - Private (CMO) | AAA |  | 0.74\% |
|  |  | AA | 30,187,081 | 0.22\% |
|  |  | A | 17,270,602 | 0.12\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral |  | Rating | Dollar Value |
| :--- | :--- | :--- | ---: | ---: |
| Morgan Stanley (con't) | MBS - Private (CMO) (con't) | BBB | $25,423,671$ | $0.18 \%$ |
|  |  | BB | $235,241,398$ | $1.68 \%$ |
|  | B | $198,795,645$ | $1.42 \%$ |  |
|  | CCC-C | $71,700,829$ | $0.51 \%$ |  |
|  | D | $2,394,576$ | $0.02 \%$ |  |
|  |  | Unkn Rtg (Triparty) | $69,238,429$ | $0.49 \%$ |
|  | AAA | $1,166,725,027$ | $8.33 \%$ |  |
|  | AA | $958,443,699$ | $6.84 \%$ |  |
|  | A | $812,882,202$ | $5.80 \%$ |  |
|  | Muni | $280,203,651$ | $2.00 \%$ |  |
|  | BB | $26,068,128$ | $0.19 \%$ |  |
|  | B | 362,523 | $0.00 \%$ |  |
|  | CCC-C | $98,493,397$ | $0.70 \%$ |  |
|  | D | $23,100,000$ | $0.16 \%$ |  |
|  | Unkn Rtg (Triparty) | $973,839,997$ | $6.95 \%$ |  |
|  | AAA | $476,975,000$ | $3.41 \%$ |  |
|  | Unkn Rtg (Triparty) | $331,792,503$ | $2.37 \%$ |  |
|  | AAA | $112,418,864$ | $0.80 \%$ |  |
|  | Untual Fund |  | $1,661,854,814$ | $11.86 \%$ |
|  |  |  | $14,006,843,536$ | $100.00 \%$ |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Friday , November 21
Timothy Geithner, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Friday, November 21

- Total PDCF borrowing increased Friday by $\$ 2$ billion to $\$ 51.27$ billion.
- Citigroup increased borrowing by $\$ 3.95$ billion bringing its total borrowing to $\$ 15.85$ billion. Bank of America did not borrow on Friday.
- Citigroup's borrowing on Friday is its 3rd largest borrowing in the PDCF program. Its collateral consists primarily of municipal debt (44.7\%), equity (30.6\%), and mutual funds (12.8\%).

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PDCF Charts and Tables - 20081121.doc
Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Friday, November 21, 2008

## Highlights

- Total PDCF borrowing increased Friday by $\$ 2$ billion to $\$ 51.27$ billion.
- Citigroup increased borrowing by $\$ 3.95$ billion bringing its total borrowing to $\$ 15.85$ billion. Bank of America did not borrow on Friday.
- Citigroup's borrowing on Friday is its $3^{\text {rd }}$ largest borrowing in the PDCF program. Its collateral consists primarily of municipal debt ( $44.7 \%$ ), equity ( $30.6 \%$ ), and mutual funds ( $12.8 \%$ ).

Overnight Borrowings - in billions

| Dealer | $\mathbf{1 1 / 2 1 / 2 0 0 8}$ | $\mathbf{1 1 / 2 0 / 2 0 0 8}$ | $\mathbf{1 1 / 1 9 / 2 0 0 8}$ | $\mathbf{1 1 / 1 8 / 2 0 0 8}$ | $\mathbf{1 1 / 1 7 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | - | 1.00 | 0.50 | 2.00 | 0.50 |
| Citigroup | 15.85 | 11.90 | 7.40 | 7.40 | 7.85 |
| Goldman Sachs | 2.50 | 3.00 | 3.50 | 4.00 | 5.00 |
| Merrill Lynch | 21.85 | 21.82 | 22.15 | 22.97 | 23.25 |
| Mizuho | 0.15 | 0.15 | 0.17 | 0.14 | 0.14 |
| Morgan Stanley | 10.91 | 11.39 | 12.90 | 12.32 | 12.62 |
| Total Borrowings | $\mathbf{5 1 . 2 7}$ | $\mathbf{4 9 . 2 7}$ | $\mathbf{4 6 . 6 1}$ | $\mathbf{4 8 . 8 3}$ | $\mathbf{4 9 . 3 6}$ |
|  |  |  |  |  |  |
| Total Collateral |  | $\mathbf{5 6 . 9 4}$ | $\mathbf{5 4 . 8 6}$ | $\mathbf{5 2 . 0 7}$ | $\mathbf{5 4 . 4}$ |
|  | $\mathbf{5 4 . 9 8}$ |  |  |  |  |
| Collateral Cushion | $\mathbf{1 1 . 0 6 \%}$ | $\mathbf{1 1 . 3 5 \%}$ | $\mathbf{1 1 . 7 1 \%}$ | $\mathbf{1 1 . 4 1 \%}$ | $\mathbf{1 1 . 3 9 \%}$ |

* Includes additional commercial loans in a Borrower-In-Custody arrangement. Further legal review of swap receivable collateral suggests that the Reserve Bank does not have a claim against swap receivables collateral unless the pledging dealer has explicitly borrowed against this collateral. As such, swap receivables collateral has been removed from the collateral totals in this report.


## RESTRICTED-FR

PDCF Borrowing Trend

$03 / 17 / 2008$ 04/08/2008 04/29/2008 05/20/2008 06/11/2008 07/02/2008 07/24/2008 08/14/2008 09/05/2008 09/26/2008 10/20/2008 11/10/2008
Date

## Composition of Collateral Pledged for November 21 Borrowings - in millions

[^11]| Rating ${ }^{1}$ | Citigroup | Goldman Sachs | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treasury | 270.6 | - | 298.1 | - | - | 568.7 |
| Agency | 354.3 | 0.5 | 321.6 | - | 590.6 | 1,267.0 |
| AAA | 5,154.2 | 644.3 | 4,441.5 | - | 2,555.2 | 12,795.3 |
| AA | 2,811.7 | 138.9 | 648.2 | 17.7 | 1,050.0 | 4,666.6 |
| A | 1,032.9 | 205.9 | 1,510.3 | 145.3 | 1,126.4 | 4,020.8 |
| BBB | 956.9 | 228.3 | 1,285.4 | 1.4 | 795.7 | 3,267.7 |
| BB | - | 230.3 | 1,311.0 | - | 745.9 | 2,287.2 |
| B | 0.1 | 264.8 | 641.5 | - | 460.1 | 1,366.5 |
| CCC-C | 28.8 | 166.8 | 541.7 | - | 623.3 | 1,360.5 |
| D | - | 150.1 | 185.6 | - | 435.4 | 771.1 |
| A-1 | 209.0 | - | - | - | 202.6 | 411.6 |
| A-2 | 28.8 | - | - | - | - | 28.8 |
| A-3 | - | - | - | - | - | - |
| NP | - | - | - | - | - | - |
| Equity | 5,183.6 | 474.5 | 7,630.7 | - | 954.0 | 14,242.9 |
| Unkn Rtg (Triparty) | 921.0 | 224.0 | 4,804.0 | - | 2,274.1 | 8,223.0 |
| Unkn Rtg (non-Triparty) | - | - | - | - | 1,661.9 | 1,661.9 |
| Total Collateral | 16,952.0 | 2,728.3 | 23,619.8 | 164.4 | 13,475.2 | 56,939.7 |
| Total Borrowings | 15,850.0 | 2,500.0 | 21,853.6 | 153.6 | 10,910.7 | 51,267.9 |
| Collateral Cushion | 6.95\% | 9.13\% | 8.08\% | 7.03\% | 23.50\% | 11.06\% |

Collateral Value and Rating Distribution by Dealer


## Distribution of Total Pledged Collateral by Rating



Page 5 of 21

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $568,674,403$ | $1.00 \%$ |
| Agency | $1,266,997,820$ | $2.23 \%$ |
| AAA | $12,795,267,470$ | $22.47 \%$ |
| AA | $4,666,591,918$ | $8.20 \%$ |
| A | $4,020,821,609$ | $7.06 \%$ |
| BBB | $3,267,667,432$ | $5.74 \%$ |
| BB | $2,287,157,370$ | $4.02 \%$ |
| B | $1,366,527,914$ | $2.40 \%$ |
| CCC-C | $1,360,544,930$ | $2.39 \%$ |
| D | $771,149,632$ | $1.35 \%$ |
| A-1 | $28,846,023$ | $0.72 \%$ |
| A-2 | $14,242,925,868$ | $0.05 \%$ |
| Equity | $8,223,017,080$ | $25.01 \%$ |
| Unkn Rtg (Triparty) | $1,661,854,814$ | $2.44 \%$ |
| Unkn Rtg (non-Triparty) | $56,939,693,152$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $4,904,175,771$ | $8.61 \%$ |
| Agency Debt | $569,535,365$ | $1.00 \%$ |
| Auction Rate | $3,376,228,494$ | $5.93 \%$ |
| CDs-CP-BAs | $660,079,511$ | $1.16 \%$ |
| CMBS | $127,775,027$ | $0.22 \%$ |
| Convertible Bonds-Domestic | $1,068,494,139$ | $1.88 \%$ |
| Convertible Bonds-Foreign | $201,477,475$ | $0.35 \%$ |
| Corporates-Domestic | $3,580,190,964$ | $6.29 \%$ |
| Corporates-Foreign | $1,723,776,980$ | $3.03 \%$ |
| Equity-Domestic | $11,575,403,774$ | $20.33 \%$ |
| Equity-Foreign | $2,667,522,095$ | $4.68 \%$ |
| Foreign Sovereigns-Domestic | $1,032,095,701$ | $1.81 \%$ |
| Foreign Sovereigns-Foreign | $389,048,208$ | $0.68 \%$ |
| MBS - Agency - CMO | $697,462,455$ | $1.22 \%$ |
| MBS - Private (CMO) | $2,688,225,685$ | $4.72 \%$ |
| Muni | $15,430,008,880$ | $27.10 \%$ |
| Mutual Fund | $3,003,691,385$ | $5.28 \%$ |
| Other | $388,424,228$ | $0.68 \%$ |
| Supranational | $50,560,878$ | $0.09 \%$ |
| Treasury | $568,674,403$ | $1.00 \%$ |
| Whole Loans | $574,986,921$ | $1.01 \%$ |
| Whole Loans - DW | $1,661,854,814$ | $2.92 \%$ |
| Total | $56,939,693,152$ | $100.00 \%$ |

## Collateral Composition by Dealer

## RESTRICTED-FR

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 291,860,975 | 1.72\% |
|  |  | AA | 156,649,360 | 0.92\% |
|  |  | A | 190,489,734 | 1.12\% |
|  |  | BBB | 75,955,988 | 0.45\% |
|  |  | CCC-C | 24,040,234 | 0.14\% |
|  | Agency Debt | Agency | 354,288,266 | 2.09\% |
|  | CDs-CP-BAs | A-1 | 208,995,460 | 1.23\% |
|  |  | A-2 | 28,846,868 | 0.17\% |
|  |  | Unkn Rtg (Triparty) | 45,200,860 | 0.27\% |
|  | Corporates-Domestic | AAA | 45,484,583 | 0.27\% |
|  |  | AA | 70,324,037 | 0.41\% |
|  |  | A | 193,764,137 | 1.14\% |
|  |  | B | 138,912 | 0.00\% |
|  |  | CCC-C | 4,710,542 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 48,580,005 | 0.29\% |
|  | Equity-Domestic | Equity | 5,183,640,904 | 30.58\% |
|  | MBS - Private (CMO) | Unkn Rtg (Triparty) | 3,435,584 | 0.02\% |
|  | Muni | AAA | 2,963,381,190 | 17.48\% |
|  |  | AA | 2,584,758,971 | 15.25\% |
|  |  | A | 648,687,262 | 3.83\% |
|  |  | BBB | 880,976,422 | 5.20\% |
|  |  | Unkn Rtg (Triparty) | 502,778,461 | 2.97\% |
|  | Mutual Fund | AAA | 1,853,275,000 | 10.93\% |
|  |  | Unkn Rtg (Triparty) | 320,940,913 | 1.89\% |
|  | Supranational | AAA | 227,592 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 31,929 | 0.00\% |
|  | Treasury | Treasury | 270,558,104 | 1.60\% |
|  | Dealer Total |  | 16,952,022,291 | 100.00\% |
| Goldman Sachs | ABS | AAA | 231,707,850 | 8.49\% |
|  |  | AA | 74,472,113 | 2.73\% |
|  |  | A | 90,971,608 | 3.33\% |
|  |  | BBB | 164,515,455 | 6.03\% |
|  |  | BB | 46,555,798 | 1.71\% |
|  |  | B | 94,006,607 | 3.45\% |
|  |  | CCC-C | 112,779,867 | 4.13\% |
|  |  | D | 144,795,031 | 5.31\% |
|  |  | Unkn Rtg (Triparty) | 175,781,949 | 6.44\% |
|  | Equity-Domestic | Equity | 474,522,906 | 17.39\% |
|  | MBS - Agency - CMO | Agency | 460,887 | 0.02\% |
|  | MBS - Private (CMO) | AAA | 412,565,298 | 15.12\% |
|  |  | AA | 64,473,320 | 2.36\% |
|  |  | A | 114,922,918 | 4.21\% |
|  |  | BBB | Р 28,83300121 | 2.34\% |
|  |  | BB | 183,710,082 | 6.73\% |
|  |  | B | 170,769,063 | 6.26\% |
|  |  | CCC-C | 54,004,294 | 1.98\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | ABS (con't) | AA | 98,716,935 | 0.42\% |
|  |  | A | 70,870,257 | 0.30\% |
|  |  | BBB | 76,429,318 | 0.32\% |
|  |  | BB | 174,612,234 | 0.74\% |
|  |  | B | 161,718,574 | 0.68\% |
|  |  | CCC-C | 174,353,770 | 0.74\% |
|  |  | D | 118,586,800 | 0.50\% |
|  |  | Unkn Rtg (Triparty) | ) 277,000,075 | 1.17\% |
|  | Agency Debt | Agency | 10,359,880 | 0.04\% |
|  | Auction Rate | AAA | 2,812,588,410 | 11.91\% |
|  |  | AA | 145,426,570 | 0.62\% |
|  |  | A | 85,786,501 | 0.36\% |
|  |  | BBB | 122,777,561 | 0.52\% |
|  |  | CCC-C | 28,677,952 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | ) 180,971,500 | 0.77\% |
|  | CDs-CP-BAs | A-1 | 48,674 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | ) 93,080,830 | 0.39\% |
|  | CMBS | Unkn Rtg (Triparty) | ) 94,181,838 | 0.40\% |
|  | Convertible Bonds-Domestic | A | 20,365,653 | 0.09\% |
|  |  | BB | 1,011,458 | 0.00\% |
|  |  | CCC-C | 57,334,562 | 0.24\% |
|  |  | D | 4,759,128 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | ) 675,401,337 | 2.86\% |
|  | Convertible Bonds-Foreign | BBB | 2,295 | 0.00\% |
|  |  | BB | 541 | 0.00\% |
|  |  | B | 32 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | ) 80,052,657 | 0.34\% |
|  | Corporates-Domestic | AAA | 81,211,646 | 0.34\% |
|  |  | AA | 14,656,744 | 0.06\% |
|  |  | A | 226,737,192 | 0.96\% |
|  |  | BBB | 100,413,866 | 0.43\% |
|  |  | BB | 82,680,878 | 0.35\% |
|  |  | B | 64,714,238 | 0.27\% |
|  |  | CCC-C | 232,482,188 | 0.98\% |
|  |  | D | 44,685,112 | 0.19\% |
|  |  | Unkn Rtg (Triparty) | ) 580,702,380 | 2.46\% |
|  | Corporates-Foreign | AAA | 38,905,686 | 0.16\% |
|  |  | AA | 34,303,908 | 0.15\% |
|  |  | A | 233,919,081 | 0.99\% |
|  |  | BBB | 189,318,579 | 0.80\% |
|  |  | BB | 341,055,155 | 1.44\% |
|  |  | B | 56,914,735 | 0.24\% |
|  |  | CCC-C | 33,346,855 | 0.14\% |
|  |  | Unkn Rtg (Triparty) | ) 252,789,001 | 1.07\% |
|  | Equity-Domestic | Equity | Page 13506913,547,005 | 23.34\% |
|  | Equity-Foreign | Equity | 2,117,190,556 | 8.96\% |
|  | Foreign Sovereigns-Domestic | AAA | 1,177,012 | 0.00\% |
|  |  | AA | 4,528,684 | 0.02\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Foreign Sovereigns-Domestic (con't) | B | 150,231,511 | 0.64\% |
|  |  | CCC-C | 5,084,526 | 0.02\% |
|  |  | D | 10,645,340 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 4,509,689 | 0.02\% |
|  | Foreign Sovereigns-Foreign | AAA | 103 | 0.00\% |
|  |  | A | 100,937,234 | 0.43\% |
|  |  | BBB | 170,216,497 | 0.72\% |
|  |  | BB | 20,878,106 | 0.09\% |
|  |  | B | 60,550,458 | 0.26\% |
|  |  | D | 472,980 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 496,096 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 311,261,522 | 1.32\% |
|  | MBS - Private (CMO) | AAA | 411,430,113 | 1.74\% |
|  |  | AA | 79,160,409 | 0.34\% |
|  |  | A | 107,192,859 | 0.45\% |
|  |  | BBB | 14,377,644 | 0.06\% |
|  |  | BB | 94,023,541 | 0.40\% |
|  |  | B | 142,942,144 | 0.61\% |
|  |  | CCC-C | 8,481,739 | 0.04\% |
|  |  | D | 1,199,750 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 91,007,632 | 0.39\% |
|  | Muni | AAA | 729,455,786 | 3.09\% |
|  |  | AA | 271,390,511 | 1.15\% |
|  |  | A | 391,427,967 | 1.66\% |
|  |  | BBB | 471,282,671 | 2.00\% |
|  |  | BB | 11,308,882 | 0.05\% |
|  |  | B | 2,100,547 | 0.01\% |
|  |  | CCC-C | 1,243,619 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 1,751,331,247 | 7.41\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 9,464,075 | 0.04\% |
|  | Other | A | 235,145,000 | 1.00\% |
|  |  | BBB | 143,428 | 0.00\% |
|  |  | BB | 6,829,536 | 0.03\% |
|  |  | B | 2,338,051 | 0.01\% |
|  |  | CCC-C | 702,434 | 0.00\% |
|  |  | D | 5,282,716 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 137,983,062 | 0.58\% |
|  | Supranational | AAA | 2,091,335 | 0.01\% |
|  | Treasury | Treasury | 298,116,299 | 1.26\% |
|  | Whole Loans | Unkn Rtg (Triparty) | 574,986,921 | 2.43\% |
|  | Dealer Total |  | 23,619,759,611 | 100.00\% |
| Mizuho | Corporates-Domestic | AA | 17,728,727 | 10.79\% |
|  |  | A | 145,284,358 | 88.39\% |
|  |  | BBB | 1,355,801 | 0.82\% |
|  | Dealer Total |  | 164,368,886 | 100.00\% |
| Morgan Stanley | ABS | AAA | 262,912,938 | 1.95\% |
|  |  | AA Page | of 2111,560,705 | 0.09\% |
|  |  | A | 39,786,650 | 0.30\% |
|  |  | BBB | 16,610,959 | 0.12\% |
|  |  | BB | 225,309,810 | 1.67\% |
|  |  | B | 96,079,214 | 0.71\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | ABS (con't) | CCC-C | 380,594,181 | 2.82\% |
|  |  | D | 296,382,957 | 2.20\% |
|  |  | Unkn Rtg (Triparty) | 183,393,837 | 1.36\% |
|  | Agency Debt | Agency | 204,887,219 | 1.52\% |
|  | CDs-CP-BAs | A-1 | 202,603,890 | 1.50\% |
|  |  | Unkn Rtg (Triparty) | 81,302,929 | 0.60\% |
|  | CMBS | Unkn Rtg (Triparty) | 33,593,190 | 0.25\% |
|  | Convertible Bonds-Domestic | AA | 33,125 | 0.00\% |
|  |  | A | 30,983,680 | 0.23\% |
|  |  | BBB | 38,865,037 | 0.29\% |
|  |  | BB | 7,767,939 | 0.06\% |
|  |  | B | 2,711,091 | 0.02\% |
|  |  | CCC-C | 11,326,671 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 217,934,458 | 1.62\% |
|  | Convertible Bonds-Foreign | BB | 1,539,194 | 0.01\% |
|  |  | B | 3,020,821 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 116,861,935 | 0.87\% |
|  | Corporates-Domestic | AAA | 161,223,271 | 1.20\% |
|  |  | AA | 146,599,946 | 1.09\% |
|  |  | A | 117,922,885 | 0.88\% |
|  |  | BBB | 418,476,051 | 3.11\% |
|  |  | BB | 122,168,094 | 0.91\% |
|  |  | B | 81,164,207 | 0.60\% |
|  |  | CCC-C | 33,953,871 | 0.25\% |
|  |  | D | 112,303,315 | 0.83\% |
|  |  | Unkn Rtg (Triparty) | 430,723,980 | 3.20\% |
|  | Corporates-Foreign | AAA | 27,716,482 | 0.21\% |
|  |  | AA | 9,054,492 | 0.07\% |
|  |  | A | 15,253,925 | 0.11\% |
|  |  | BBB | 24,959,487 | 0.19\% |
|  |  | BB | 152,126,104 | 1.13\% |
|  |  | B | 25,861,721 | 0.19\% |
|  |  | CCC-C | 16,616,795 | 0.12\% |
|  |  | D | 1,406,030 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 270,228,946 | 2.01\% |
|  | Equity-Domestic | Equity | 403,692,959 | 3.00\% |
|  | Equity-Foreign | Equity | 550,331,539 | 4.08\% |
|  | Foreign Sovereigns-Domestic | BBB | 675,267 | 0.01\% |
|  |  | BB | 29,539,245 | 0.22\% |
|  |  | B | 57,449,731 | 0.43\% |
|  |  | CCC-C | 11,287,906 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 986 | 0.00\% |
|  | Foreign Sovereigns-Foreign | BBB | 966,719 | 0.01\% |
|  |  | BB | 268,866 | 0.00\% |
|  |  | B | 20,245,227 | 0.15\% |
|  |  | D | 24,264 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 13,991,659 | 0.10\% |
|  | MBS - Agency - CMO | Agency | 385,740,047 | 2.86\% |
|  | MBS - Private (CMO) | AAA | Page 19591324482 | 0.71\% |
|  |  | AA | 15,644,650 | 0.12\% |
|  |  | A | 14,126,752 | 0.10\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral |  | Rating | Dollar Value |
| :--- | :--- | :--- | ---: | ---: |
| Morgan Stanley (con't) | MBS - Private (CMO) (con't) | BBB | $10,643,613$ | $0.08 \%$ |
|  | BB | $180,997,388$ | $1.34 \%$ |  |
|  |  | B | $173,208,548$ | $1.29 \%$ |
|  | CCC-C | $71,019,717$ | $0.53 \%$ |  |
|  | D | $2,231,194$ | $0.02 \%$ |  |
|  | Unkn Rtg (Triparty) | $54,663,618$ | $0.41 \%$ |  |
|  | AAA | $1,468,453,709$ | $10.90 \%$ |  |
|  | AA | $867,108,710$ | $6.43 \%$ |  |
|  | A | $908,301,851$ | $6.74 \%$ |  |
|  | BBB | $284,481,933$ | $2.11 \%$ |  |
|  | BB | $26,142,652$ | $0.19 \%$ |  |
|  | B | 362,485 | $0.00 \%$ |  |
|  | CCC-C | $98,503,206$ | $0.73 \%$ |  |
|  | D | $23,100,000$ | $0.17 \%$ |  |
|  | Unkn Rtg (Triparty) | $543,430,799$ | $4.03 \%$ |  |
|  | AAA | $491,525,000$ | $3.65 \%$ |  |
|  | Unkn Rtg (Triparty) | $327,959,187$ | $2.43 \%$ |  |
|  | AAA | $48,210,022$ | $0.36 \%$ |  |
|  | Unkn Rtg (non-Triparty) | $1,661,854,814$ | $12.33 \%$ |  |
|  |  | $13,475,195,774$ | $100.00 \%$ |  |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

## RESTRICTED FR

## Highlights for Monday, November 24

- Total PDCF borrowing increased Monday by $\$ 0.98$ billion to $\$ 52.25$ billion.
- Citigroup increased its borrowing by $\$ 2.18$ billion bringing its total borrowing to $\$ 18.03$ billion. This is the highest daily borrowing for Citigroup since the start of the PDCF program.
- As of Monday, Citigroup has been given access to the expanded collateral eligibility schedule currently available to Merrill Lynch, Goldman Sachs, and Morgan Stanley. This allows Citigroup to pledge foreign denominated securities as collateral. On Monday, approximately 3\% (\$0.58 billion) of Citigroup's collateral was foreign denominated.
- Citigroup's collateral is composed of $56.8 \%$ investment grade securities, $6.4 \%$ non-investment grade securities, $29 \%$ equity, and $7.8 \%$ securities with unknown ratings. Since Friday, there has been a modest shift away from investment grade collateral ( $63.8 \%$ to $56.8 \%$ ) towards non-investment grade collateral ( $0.2 \%$ to $6.4 \%$ ).


PDCF Charts and Tables - 20081124.doc
Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Monday, November 24, 2008

## Highlights

- Total PDCF borrowing increased Monday by $\$ 0.98$ billion to $\$ 52.25$ billion.
- Citigroup increased its borrowing by $\$ 2.18$ billion bringing its total borrowing to $\$ 18.03$ billion. This is the highest daily borrowing for Citigroup since the start of the PDCF program.
- As of Monday, Citigroup has been given access to the expanded collateral eligibility schedule currently available to Merrill Lynch, Goldman Sachs, and Morgan Stanley. This allows Citigroup to pledge foreign denominated securities as collateral. On Monday, approximately $3 \%$ ( $\$ 0.58$ billion) of Citigroup's collateral was foreign denominated.
- Citigroup's collateral is composed of $56.8 \%$ investment grade securities, $6.4 \%$ non-investment grade securities, $29 \%$ equity, and $7.8 \%$ securities with unknown ratings. Since Friday, there has been a modest shift away from investment grade collateral ( $63.8 \%$ to $56.8 \%$ ) towards non-investment grade collateral ( $0.2 \%$ to $6.4 \%$ ).

Overnight Borrowings - in billions

| Dealer | $\mathbf{1 1 / 2 4 / 2 0 0 8}$ | $\mathbf{1 1 / 2 1 / 2 0 0 8}$ | $\mathbf{1 1 / 2 0 / 2 0 0 8}$ | $\mathbf{1 1 / 1 9 / 2 0 0 8}$ | $\mathbf{1 1 / 1 8 / 2 0 0 8}$ |
| :--- | :---: | ---: | ---: | ---: | ---: |
| Bank of America | - | - | 1.00 | 0.50 | 2.00 |
| Citigroup | 18.03 | 15.85 | 11.90 | 7.40 | 7.40 |
| Goldman Sachs | 1.50 | 2.50 | 3.00 | 3.50 | 4.00 |
| Merrill Lynch | 21.99 | 21.85 | 21.82 | 22.15 | 22.97 |
| Mizuho | 0.15 | 0.15 | 0.15 | 0.17 | 0.14 |
| Morgan Stanley | 10.57 | 10.91 | 11.39 | 12.90 | 12.32 |
| Total Borrowings | $\mathbf{5 2 . 2 5}$ | $\mathbf{5 1 . 2 7}$ | $\mathbf{4 9 . 2 7}$ | $\mathbf{4 6 . 6 1}$ | $\mathbf{4 8 . 8 3}$ |
|  |  |  |  |  |  |
| Total Collateral |  | $\mathbf{5 8 . 0 6}$ | $\mathbf{5 6 . 9 4}$ | $\mathbf{5 4 . 8 6}$ | $\mathbf{5 2 . 0 7}$ |
|  | $\mathbf{5 4 . 4}$ |  |  |  |  |
| Collateral Cushion | $\mathbf{1 1 . 1 2 \%}$ | $\mathbf{1 1 . 0 6 \%}$ | $\mathbf{1 1 . 3 5 \%}$ | $\mathbf{1 1 . 7 1 \%}$ | $\mathbf{1 1 . 4 1 \%}$ |

## RESTRICTED-FR

* Includes additional commercial loans in a Borrower-In-Custody arrangement. Further legal review of swap receivable collateral suggests that the Reserve Bank does not have a claim against swap receivables collateral unless the pledging dealer has explicitly borrowed against this collateral. As such, swap receivables collateral has been removed from the collateral totals in this report.


## PDCF Borrowing Trend



03/17/2008 04/09/2008 05/01/2008 05/23/2008 06/17/2008 07/10/2008 08/01/2008 08/25/2008 09/17/2008 10/09/2008 11/03/2008

## Date

$$
\longrightarrow \text { Total Borrowing } \longrightarrow \text { Bear Stearns Borrowing } \longrightarrow \text { Other Borrowing } \longrightarrow \text { Total Collateral }
$$

## Composition of Collateral Pledged for November 24 Borrowings - in millions

[^12]| Rating ${ }^{1}$ | Citigroup | Goldman Sachs | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treasury | 162.7 | - | 7.9 | - | - | 170.7 |
| Agency | 254.8 | 0.5 | 9.6 | - | 526.5 | 791.4 |
| AAA | 5,574.4 | 494.6 | 4,197.4 | - | 2,399.4 | 12,665.8 |
| AA | 2,617.5 | 140.1 | 786.7 | 17.7 | 978.9 | 4,540.9 |
| A | 1,545.7 | 201.8 | 1,574.8 | 141.3 | 1,026.8 | 4,490.4 |
| BBB | 838.9 | 187.2 | 1,293.8 | 1.3 | 615.3 | 2,936.5 |
| BB | 64.1 | 84.3 | 1,541.0 | - | 768.1 | 2,457.6 |
| B | 491.6 | 114.3 | 808.6 | - | 518.8 | 1,933.3 |
| CCC-C | 686.4 | 166.0 | 864.7 | - | 624.6 | 2,341.8 |
| D | - | 105.9 | 229.3 | - | 462.5 | 797.8 |
| A-1 | - | - | 0.1 | - | - | 0.1 |
| A-2 | - | - | - | - | - | - |
| A-3 | - | - | - | - | - | - |
| NP | - | - | - | - | - | - |
| Equity | 5,601.9 | 36.1 | 7,927.2 | - | 854.3 | 14,419.5 |
| Unkn Rtg (Triparty) | 1,505.0 | 104.5 | 4,553.3 | - | 2,687.6 | 8,850.4 |
| Unkn Rtg (non-Triparty) | - | - | - | - | 1,661.9 | 1,661.9 |
| Total Collateral | 19,343.1 | 1,635.3 | 23,794.6 | 160.3 | 13,124.6 | 58,057.8 |
| Total Borrowings | 18,029.0 | 1,500.0 | 21,994.9 | 149.8 | 10,575.0 | 52,248.7 |
| Collateral Cushion | 7.29\% | 9.02\% | 8.18\% | 6.99\% | 24.11\% | 11.12\% |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $170,659,163$ | $0.29 \%$ |
| Agency | $791,393,956$ | $1.36 \%$ |
| AAA | $12,665,813,113$ | $21.82 \%$ |
| AA | $4,540,929,180$ | $7.82 \%$ |
| A | $4,490,384,286$ | $7.73 \%$ |
| BBB | $2,936,523,985$ | $5.06 \%$ |
| BB | $2,457,576,621$ | $4.23 \%$ |
| B | $1,933,256,258$ | $3.33 \%$ |
| CCC-C | $2,341,798,984$ | $4.03 \%$ |
| D | $797,757,038$ | $1.37 \%$ |
| A-1 | 58,312 | $0.00 \%$ |
| Equity | $14,419,479,622$ | $24.84 \%$ |
| Unkn Rtg (Triparty) | $8,850,353,797$ | $15.24 \%$ |
| Unkn Rtg (non-Triparty) | $1,661,854,814$ | $2.86 \%$ |
| Total | $58,057,839,129$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $5,298,826,100$ | $9.13 \%$ |
| Agency Debt | $507,626,910$ | $0.87 \%$ |
| Auction Rate | $3,384,653,494$ | $5.83 \%$ |
| CDs-CP-BAs | $164,037,884$ | $0.28 \%$ |
| CMBS | $68,602,997$ | $0.12 \%$ |
| Convertible Bonds-Domestic | $985,822,651$ | $1.70 \%$ |
| Convertible Bonds-Foreign | $253,531,297$ | $0.44 \%$ |
| Corporates-Domestic | $4,816,759,137$ | $8.30 \%$ |
| Corporates-Foreign | $1,651,888,816$ | $2.85 \%$ |
| Equity-Domestic | $11,495,114,061$ | $19.80 \%$ |
| Equity-Foreign | $2,924,365,561$ | $5.04 \%$ |
| Foreign Sovereigns-Domestic | $1,207,660,394$ | $2.08 \%$ |
| Foreign Sovereigns-Foreign | $405,163,591$ | $0.70 \%$ |
| MBS - Agency - CMO | $283,767,046$ | $0.49 \%$ |
| MBS - Private (CMO) | $3,098,942,615$ | $5.34 \%$ |
| Muni | $15,069,122,448$ | $25.96 \%$ |
| Mutual Fund | $3,437,120,047$ | $5.92 \%$ |
| Other | $457,964,127$ | $0.79 \%$ |
| Supranational | $135,810,679$ | $0.23 \%$ |
| Treasury | $170,659,163$ | $0.29 \%$ |
| Whole Loans | $578,545,297$ | $1.00 \%$ |
| Whole Loans - DW | $1,661,854,814$ | $2.86 \%$ |
| Total | $58,057,839,129$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 291,687,045 | 1.51\% |
|  |  | AA | 6,611,334 | 0.03\% |
|  |  | A | 309,541,993 | 1.60\% |
|  |  | BBB | 76,031,027 | 0.39\% |
|  |  | B | 87,642,627 | 0.45\% |
|  |  | CCC-C | 23,865,479 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 291,188,987 | 1.51\% |
|  | Agency Debt | Agency | 254,764,894 | 1.32\% |
|  | CMBS | Unkn Rtg (Triparty) | 0 | 0.00\% |
|  | Convertible Bonds-Domestic | Unkn Rtg (Triparty) | 5,015,111 | 0.03\% |
|  | Convertible Bonds-Foreign | Unkn Rtg (Triparty) | 78,271,038 | 0.40\% |
|  | Corporates-Domestic | AAA | 45,484,845 | 0.24\% |
|  |  | AA | 29,193,606 | 0.15\% |
|  |  | A | 216,507,951 | 1.12\% |
|  |  | BBB | 29,927 | 0.00\% |
|  |  | B | 264,219 | 0.00\% |
|  |  | CCC-C | 662,582,633 | 3.43\% |
|  |  | Unkn Rtg (Triparty) | 482,697,332 | 2.50\% |
|  | Corporates-Foreign | BBB | 7,298 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 86,283,384 | 0.45\% |
|  | Equity-Domestic | Equity | 5,200,393,199 | 26.89\% |
|  | Equity-Foreign | Equity | 401,494,366 | 2.08\% |
|  | Foreign Sovereigns-Domestic | AA | 34,863,304 | 0.18\% |
|  | Foreign Sovereigns-Foreign | AA | 0 | 0.00\% |
|  |  | BBB | 12,126,908 | 0.06\% |
|  | MBS - Private (CMO) | BB | 64,136,250 | 0.33\% |
|  |  | B | 403,679,923 | 2.09\% |
|  | Muni | AAA | 2,991,478,819 | 15.47\% |
|  |  | AA | 2,546,853,094 | 13.17\% |
|  |  | A | 1,019,649,853 | 5.27\% |
|  |  | BBB | 750,700,301 | 3.88\% |
|  |  | Unkn Rtg (Triparty) | 202,562,816 | 1.05\% |
|  | Mutual Fund | AAA | 2,245,525,000 | 11.61\% |
|  |  | Unkn Rtg (Triparty) | 358,988,503 | 1.86\% |
|  | Supranational | AAA | 227,639 | 0.00\% |
|  | Treasury | Treasury | 162,731,692 | 0.84\% |
|  | Dealer Total |  | 19,343,082,390 | 100.00\% |
| Goldman Sachs | ABS | AAA | 179,683,541 | 10.99\% |
|  |  | AA | 73,970,166 | 4.52\% |
|  |  | A | 87,102,576 | 5.33\% |
|  |  | BBB | 123,810,356 | 7.57\% |
|  |  | BB | 46,509,273 | 2.84\% |
|  |  | B | Page 10 25, 699,452 | 1.82\% |
|  |  | CCC-C | 112,729,083 | 6.89\% |
|  |  | D | 100,507,878 | 6.15\% |
|  |  | Unkn Rtg (Triparty) | 58,738,598 | 3.59\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Goldman Sachs (con't) | MBS - Private (CMO) (con't) | BBB | 63,418,357 | 3.88\% |
|  |  | BB | 37,764,188 | 2.31\% |
|  |  | B | 84,642,789 | 5.18\% |
|  |  | CCC-C | 53,291,775 | 3.26\% |
|  |  | D | 5,411,176 | 0.33\% |
|  |  | Unkn Rtg (Triparty) | ) 45,744,039 | 2.80\% |
|  | Dealer Total |  | 1,635,256,928 | 100.00\% |
| Merrill Lynch | ABS | AAA | 309,499,647 | 1.30\% |
|  |  | AA | 133,291,460 | 0.56\% |
|  |  | A | 99,551,353 | 0.42\% |
|  |  | BBB | 76,752,731 | 0.32\% |
|  |  | BB | 228,651,090 | 0.96\% |
|  |  | B | 182,919,681 | 0.77\% |
|  |  | CCC-C | 251,603,750 | 1.06\% |
|  |  | D | 124,679,203 | 0.52\% |
|  |  | Unkn Rtg (Triparty) | ) 258,899,750 | 1.09\% |
|  | Agency Debt | Agency | 9,617,961 | 0.04\% |
|  | Auction Rate | AAA | 2,820,213,410 | 11.85\% |
|  |  | AA | 145,426,570 | 0.61\% |
|  |  | A | 85,786,501 | 0.36\% |
|  |  | BBB | 122,777,561 | 0.52\% |
|  |  | CCC-C | 28,677,952 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | ) 181,771,500 | 0.76\% |
|  | CDs-CP-BAs | A-1 | 58,312 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | ) 93,058,890 | 0.39\% |
|  | CMBS | Unkn Rtg (Triparty) | ) 33,460,398 | 0.14\% |
|  | Convertible Bonds-Domestic | A | 20,368,111 | 0.09\% |
|  |  | B | 15,566,641 | 0.07\% |
|  |  | CCC-C | 58,119,148 | 0.24\% |
|  |  | D | 4,761,016 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | ) 614,999,964 | 2.58\% |
|  | Convertible Bonds-Foreign | BBB | 2,270 | 0.00\% |
|  |  | BB | 535 | 0.00\% |
|  |  | B | 63 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | ) 57,000,034 | 0.24\% |
|  | Corporates-Domestic | AAA | 78,940,628 | 0.33\% |
|  |  | AA | 16,612,444 | 0.07\% |
|  |  | A | 211,022,623 | 0.89\% |
|  |  | BBB | 85,945,015 | 0.36\% |
|  |  | BB | 79,671,677 | 0.33\% |
|  |  | B | 168,555,165 | 0.71\% |
|  |  | CCC-C | 475,020,511 | 2.00\% |
|  |  | D | 78,489,241 | 0.33\% |
|  |  | Unkn Rtg (Triparty) | ) 585,753,762 | 2.46\% |
|  | Corporates-Foreign | AAA P | Page 13 of 322856,965 | 0.17\% |
|  |  | AA | 31,871,784 | 0.13\% |
|  |  | A | 156,302,285 | 0.66\% |
|  |  | BBB | 169,168,101 | 0.71\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Foreign (con't) | D | 2,407,896 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 243,621,428 | 1.02\% |
|  | Equity-Domestic | Equity | 5,859,523,569 | 24.63\% |
|  | Equity-Foreign | Equity | 2,067,710,135 | 8.69\% |
|  | Foreign Sovereigns-Domestic | AAA | 716,453 | 0.00\% |
|  |  | AA | 4,552,991 | 0.02\% |
|  |  | A | 36,295,104 | 0.15\% |
|  |  | BBB | 139,873,815 | 0.59\% |
|  |  | BB | 724,973,364 | 3.05\% |
|  |  | B | 149,751,103 | 0.63\% |
|  |  | CCC-C | 2,068,864 | 0.01\% |
|  |  | D | 10,722,489 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 4,474,524 | 0.02\% |
|  | Foreign Sovereigns-Foreign | A | 100,819,080 | 0.42\% |
|  |  | BBB | 173,637,488 | 0.73\% |
|  |  | BB | 20,757,566 | 0.09\% |
|  |  | B | 59,819,890 | 0.25\% |
|  |  | D | 1,749,516 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 689,132 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 2,266 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 411,638,503 | 1.73\% |
|  |  | AA | 166,345,893 | 0.70\% |
|  |  | A | 107,086,590 | 0.45\% |
|  |  | BBB | 17,288,950 | 0.07\% |
|  |  | BB | 132,115,007 | 0.56\% |
|  |  | B | 164,821,958 | 0.69\% |
|  |  | CCC-C | 15,480,291 | 0.07\% |
|  |  | D | 1,207,860 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 99,600,791 | 0.42\% |
|  | Muni | AAA | 534,574,186 | 2.25\% |
|  |  | AA | 288,630,787 | 1.21\% |
|  |  | A | 453,449,127 | 1.91\% |
|  |  | BBB | 508,233,379 | 2.14\% |
|  |  | BB | 11,295,013 | 0.05\% |
|  |  | B | 1,559,857 | 0.01\% |
|  |  | CCC-C | 1,239,734 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 1,655,079,018 | 6.96\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 8,341,392 | 0.04\% |
|  | Other | A | 304,155,000 | 1.28\% |
|  |  | BBB | 143,719 | 0.00\% |
|  |  | BB | 7,432,605 | 0.03\% |
|  |  | B | 2,260,065 | 0.01\% |
|  |  | CCC-C | 703,519 | 0.00\% |
|  |  | D | 5,286,157 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 137,983,062 | 0.58\% |
|  | Supranational | AAA | 1,963,386 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | Page 16 of 28, 209 | 0.00\% |
|  | Treasury | Treasury | 7,927,472 | 0.03\% |
|  | Whole Loans | Unkn Rtg (Triparty) | 578,545,297 | 2.43\% |
|  | Dealer Total |  | 23,794,554,460 | 100.00\% |
| Mizuho | Corporates-Domestic | AA | 17,704,952 | 11.04\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Mizuho (con't) | Corporates-Domestic (con't) | A | 141,304,518 | 88.14\% |
|  |  | BBB | 1,314,120 | 0.82\% |
|  | Dealer Total |  | 160,323,590 | 100.00\% |
| Morgan Stanley | ABS | AAA | 308,051,174 | 2.35\% |
|  |  | AA | 33,233,172 | 0.25\% |
|  |  | A | 48,019,016 | 0.37\% |
|  |  | BBB | 27,099,341 | 0.21\% |
|  |  | BB | 223,183,383 | 1.70\% |
|  |  | B | 111,334,382 | 0.85\% |
|  |  | CCC-C | 414,378,985 | 3.16\% |
|  |  | D | 301,590,610 | 2.30\% |
|  |  | Unkn Rtg (Triparty) | 266,767,957 | 2.03\% |
|  | Agency Debt | Agency | 243,244,054 | 1.85\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 70,920,682 | 0.54\% |
|  | CMBS | BBB | 12,000 | 0.00\% |
|  |  | CCC-C | 41,857 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 35,088,741 | 0.27\% |
|  | Convertible Bonds-Domestic | AA | 33,125 | 0.00\% |
|  |  | A | 33,388,786 | 0.25\% |
|  |  | BBB | 37,815,684 | 0.29\% |
|  |  | BB | 4,061,879 | 0.03\% |
|  |  | B | 2,684,532 | 0.02\% |
|  |  | CCC-C | 10,189,365 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 178,819,288 | 1.36\% |
|  | Convertible Bonds-Foreign | BB | 403,543 | 0.00\% |
|  |  | B | 4,350,991 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 113,502,823 | 0.86\% |
|  | Corporates-Domestic | AAA | 143,454,777 | 1.09\% |
|  |  | AA | 246,435,945 | 1.88\% |
|  |  | A | 83,969,678 | 0.64\% |
|  |  | BBB | 225,682,938 | 1.72\% |
|  |  | BB | 116,934,264 | 0.89\% |
|  |  | B | 83,144,695 | 0.63\% |
|  |  | CCC-C | 29,663,518 | 0.23\% |
|  |  | D | 150,304,035 | 1.15\% |
|  |  | Unkn Rtg (Triparty) | 360,074,121 | 2.74\% |
|  | Corporates-Foreign | AAA | 27,690,603 | 0.21\% |
|  |  | AA | 9,042,357 | 0.07\% |
|  |  | A | 5,920,574 | 0.05\% |
|  |  | BBB | 24,654,199 | 0.19\% |
|  |  | BB | 133,000,589 | 1.01\% |
|  |  | B | 24,740,338 | 0.19\% |
|  |  | CCC-C | 9,264,343 | 0.07\% |
|  |  | D | 8,420,328 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 248,388,880 | 1.89\% |
|  | Equity-Domestic | Equity | 399,106,024 | 3.04\% |
|  | Equity-Foreign | Equity | 455,161,061 | 3.47\% |
|  | Foreign Sovereigns-Domestic | BBB | 674,858 | 0.01\% |
|  |  | BB |  | $220.22 \%$ |
|  |  | B | 57,871,809 | 0.44\% |
|  |  | CCC-C | 11,303,789 | 0.09\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Foreign Sovereigns-Domestic (con't) | Unkn Rtg (Triparty) | 976 | 0.00\% |
|  | Foreign Sovereigns-Foreign | BBB | 952,761 | 0.01\% |
|  |  | BB | 261,094 | 0.00\% |
|  |  | B | 20,332,990 | 0.15\% |
|  |  | D | 24,331 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 13,992,835 | 0.11\% |
|  | MBS - Agency - CMO | Agency | 283,302,773 | 2.16\% |
|  | MBS - Private (CMO) | AAA | 67,754,627 | 0.52\% |
|  |  | AA | 22,702,932 | 0.17\% |
|  |  | A | 16,913,933 | 0.13\% |
|  |  | BBB | 24,482,880 | 0.19\% |
|  |  | BB | 234,751,516 | 1.79\% |
|  |  | B | 195,502,284 | 1.49\% |
|  |  | CCC-C | 69,700,566 | 0.53\% |
|  |  | D | 2,192,304 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 95,586,835 | 0.73\% |
|  | Muni | AAA | 1,218,752,119 | 9.29\% |
|  |  | AA | 667,436,465 | 5.09\% |
|  |  | A | 838,542,134 | 6.39\% |
|  |  | BBB | 273,888,003 | 2.09\% |
|  |  | BB | 26,022,063 | 0.20\% |
|  |  | B | 18,812,468 | 0.14\% |
|  |  | CCC-C | 80,059,465 | 0.61\% |
|  |  | D | 2,999 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 980,300,751 | 7.47\% |
|  | Mutual Fund | AAA | 500,150,000 | 3.81\% |
|  |  | Unkn Rtg (Triparty) | 324,115,152 | 2.47\% |
|  | Supranational | AAA | 133,593,645 | 1.02\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,661,854,814 | 12.66\% |
|  | Dealer Total |  | 13,124,621,761 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Tuesday, November 25
Timothy Geithner, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 11/26/2008 11:39 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Tuesday, November 25

- Total PDCF borrowing on Tuesday was $\$ 53.72$ billion, an increase of $\$ 1.47$ billion.
- All participants either increased borrowings or remained steady from Monday to Tuesday. Citigroup had the largest increase among participants with $\$ 0.66$ billion in additional borrowing.
- Citigroup's collateral consists primarily of municipal debt ( $37.1 \%$ ), equities ( $27.2 \%$ ), and mutual funds (11.9\%). Foreign denominated securities account for $5.9 \%$ of the total collateral pledged by Citigroup.
- Of the $\$ 20.1$ billion of collateral pledged by Citigroup, $58.2 \%$ are investment grade securities, $5.3 \%$ are non-investment grade securities, $27.2 \%$ are equities, and $9.3 \%$ are securities with unknown ratings.


Regards, Tony

Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Tuesday, November 25, 2008

## Highlights

- Total PDCF borrowing on Tuesday was $\$ 53.72$ billion, an increase of $\$ 1.47$ billion.
- All participants either increased borrowings or remained steady from Monday to Tuesday. Citigroup had the largest increase among participants with $\$ 0.66$ billion in additional borrowing.
- Citigroup's collateral consists primarily of municipal debt (37.1\%), equities ( $27.2 \%$ ), and mutual funds ( $11.9 \%$ ). Foreign denominated securities account for $5.9 \%$ of the total collateral pledged by Citigroup.
- Of the $\$ 20.1$ billion of collateral pledged by Citigroup, $58.2 \%$ are investment grade securities, $5.3 \%$ are non-investment grade securities, $27.2 \%$ are equities, and $9.3 \%$ are securities with unknown ratings.

Overnight Borrowings - in billions

| Dealer | $\mathbf{1 1 / 2 5 / 2 0 0 8}$ | $\mathbf{1 1 / 2 4 / 2 0 0 8}$ | $\mathbf{1 1 / 2 1 / 2 0 0 8}$ | $\mathbf{1 1 / 2 0 / 2 0 0 8}$ | $\mathbf{1 1 / 1 9 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | - | - | - | 1.00 | 0.50 |
| Citigroup | 18.69 | 18.03 | 15.85 | 11.90 | 7.40 |
| Goldman Sachs | 1.50 | 1.50 | 2.50 | 3.00 | 3.50 |
| Merrill Lynch | 22.41 | 21.99 | 21.85 | 21.82 | 22.15 |
| Mizuho | 0.17 | 0.15 | 0.15 | 0.15 | 0.17 |
| Morgan Stanley | 10.95 | 10.57 | 10.91 | 11.39 | 12.90 |
| Total Borrowings | $\mathbf{5 3 . 7 2}$ | $\mathbf{5 2 . 2 5}$ | $\mathbf{5 1 . 2 7}$ | $\mathbf{4 9 . 2 7}$ | $\mathbf{4 6 . 6 1}$ |
|  |  |  |  |  |  |
| Total Collateral ${ }^{*}$ | $\mathbf{5 9 . 6 6}$ | $\mathbf{5 8 . 0 6}$ | $\mathbf{5 6 . 9 4}$ | $\mathbf{5 4 . 8 6}$ | $\mathbf{5 2 . 0 7}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 1 . 0 6 \%}$ | $\mathbf{1 1 . 1 2 \%}$ | $\mathbf{1 1 . 0 6 \%}$ | $\mathbf{1 1 . 3 5 \%}$ | $\mathbf{1 1 . 7 1 \%}$ |

[^13]PDCF Borrowing Trend


## Composition of Collateral Pledged for November 25 Borrowings - in millions

[^14]| Rating ${ }^{1}$ | Citigroup | Goldman Sachs | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treasury | 208.1 | - | 20.6 | - | 1.1 | 229.7 |
| Agency | 250.9 | 0.5 | 10.2 | - | 628.3 | 889.9 |
| AAA | 5,507.2 | 515.2 | 4,258.9 | - | 3,162.1 | 13,443.5 |
| AA | 2,796.1 | 133.8 | 746.5 | 18.2 | 1,229.2 | 4,923.8 |
| A | 1,617.4 | 196.5 | 1,714.8 | 161.6 | 1,080.1 | 4,770.4 |
| BBB | 1,322.0 | 184.2 | 1,545.8 | 1.3 | 677.3 | 3,730.6 |
| BB | 272.3 | 83.8 | 1,514.1 | - | 760.1 | 2,630.2 |
| B | 474.1 | 113.9 | 698.0 | - | 513.7 | 1,799.6 |
| CCC-C | 175.6 | 163.7 | 796.2 | - | 517.3 | 1,652.9 |
| D | 142.6 | 104.6 | 226.7 | - | 220.1 | 694.0 |
| A-1 | - | - | 0.1 | - | 3.2 | 3.4 |
| A-2 | - | - | 0.2 | - | - | 0.2 |
| A-3 | - | - | - | - | 0.9 | 0.9 |
| NP | - | - | - | - | - | - |
| Equity | 5,464.8 | 36.0 | 7,997.8 | - | 944.0 | 14,442.6 |
| Unkn Rtg (Triparty) | 1,866.0 | 103.3 | 4,716.0 | - | 2,104.3 | 8,789.6 |
| Unkn Rtg (non-Triparty) | - | - | - | - | 1,661.9 | 1,661.9 |
| Total Collateral | 20,097.0 | 1,635.5 | 24,245.8 | 181.1 | 13,503.6 | 59,663.0 |
| Total Borrowings | 18,690.0 | 1,500.0 | 22,412.5 | 169.2 | 10,950.6 | 53,722.4 |
| Collateral Cushion | 7.53\% | 9.03\% | 8.18\% | 7.01\% | 23.31\% | 11.06\% |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Page 5 of 24

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $229,724,292$ | $0.39 \%$ |
| Agency | $889,852,414$ | $1.49 \%$ |
| AAA | $13,443,501,919$ | $22.53 \%$ |
| AA | $4,923,793,856$ | $8.25 \%$ |
| A | $4,770,375,341$ | $8.00 \%$ |
| BBB | $3,730,579,930$ | $6.25 \%$ |
| BB | $2,630,218,192$ | $4.41 \%$ |
| B | $1,799,598,292$ | $3.02 \%$ |
| CCC-C | $1,652,858,382$ | $2.77 \%$ |
| D | $694,031,377$ | $1.16 \%$ |
| A-1 | $3,364,823$ | $0.01 \%$ |
| A-2 | 169,155 | $0.00 \%$ |
| A-3 | 895,500 | $0.00 \%$ |
| Equity | $14,442,581,993$ | $24.21 \%$ |
| Unkn Rtg (Triparty) | $8,789,575,291$ | $14.73 \%$ |
| Unkn Rtg (non-Triparty) | $1,661,854,814$ | $2.79 \%$ |
| Total | $59,662,975,570$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $5,923,512,079$ | $9.93 \%$ |
| Agency Debt | $606,312,649$ | $1.02 \%$ |
| Auction Rate | $3,532,611,041$ | $5.92 \%$ |
| CDs-CP-BAs | $112,544,710$ | $0.19 \%$ |
| CMBS | $152,827,221$ | $0.26 \%$ |
| Convertible Bonds-Domestic | $1,784,331,511$ | $2.99 \%$ |
| Convertible Bonds-Foreign | $569,472,262$ | $0.95 \%$ |
| Corporates-Domestic | $4,171,520,794$ | $6.99 \%$ |
| Corporates-Foreign | $1,728,500,669$ | $2.90 \%$ |
| Equity-Domestic | $11,097,654,442$ | $18.60 \%$ |
| Equity-Foreign | $3,344,927,552$ | $5.61 \%$ |
| Foreign Sovereigns-Domestic | $1,407,275,987$ | $2.36 \%$ |
| Foreign Sovereigns-Foreign | $455,687,377$ | $0.76 \%$ |
| MBS - Agency - CMO | $283,539,766$ | $0.48 \%$ |
| MBS - Private (CMO) | $3,067,620,617$ | $5.14 \%$ |
| Muni | $15,101,756,746$ | $25.31 \%$ |
| Mutual Fund | $3,232,119,002$ | $5.42 \%$ |
| Other | $459,944,988$ | $0.77 \%$ |
| Supranational | $159,518,096$ | $0.27 \%$ |
| Treasury | $229,724,292$ | $0.39 \%$ |
| Whole Loans | $579,718,957$ | $0.97 \%$ |
| Whole Loans - DW | $1,661,854,814$ | $2.79 \%$ |
| Total | $59,662,975,570$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 319,551,340 | 1.59\% |
|  |  | AA | 15,934,306 | 0.08\% |
|  |  | A | 323,322,937 | 1.61\% |
|  |  | BBB | 145,067,702 | 0.72\% |
|  |  | BB | 194,220,309 | 0.97\% |
|  |  | B | 151,192,282 | 0.75\% |
|  |  | CCC-C | 105,599,301 | 0.53\% |
|  |  | D | 131,481,811 | 0.65\% |
|  |  | Unkn Rtg (Triparty) | 176,542,449 | 0.88\% |
|  | Agency Debt | Agency | 250,875,666 | 1.25\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 11,641,500 | 0.06\% |
|  | CMBS | Unkn Rtg (Triparty) | 38,035,464 | 0.19\% |
|  | Convertible Bonds-Domestic | BBB | 15,931,321 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 630,552,665 | 3.14\% |
|  | Convertible Bonds-Foreign | A | 11,249,106 | 0.06\% |
|  |  | BBB | 8,590,748 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 356,838,076 | 1.78\% |
|  | Corporates-Domestic | AAA | 47,369,049 | 0.24\% |
|  |  | AA | 29,200,588 | 0.15\% |
|  |  | A | 253,793,252 | 1.26\% |
|  |  | BBB | 221,063,334 | 1.10\% |
|  |  | BB | 14,407,471 | 0.07\% |
|  |  | B | 30,463,774 | 0.15\% |
|  |  | CCC-C | 47,511,555 | 0.24\% |
|  |  | D | 11,042,570 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 188,213,037 | 0.94\% |
|  | Corporates-Foreign | A | 5,902,492 | 0.03\% |
|  |  | BBB | 103,477,575 | 0.51\% |
|  |  | BB | 1,800,000 | 0.01\% |
|  |  | B | 5,580,853 | 0.03\% |
|  |  | CCC-C | 7,800,146 | 0.04\% |
|  |  | D | 49,321 | 0.00\% |
|  | Equity-Domestic | Equity | 4,831,864,022 | 24.04\% |
|  | Equity-Foreign | Equity | 632,928,304 | 3.15\% |
|  | Foreign Sovereigns-Domestic | AA | 223,736,197 | 1.11\% |
|  |  | BBB | 8,755,367 | 0.04\% |
|  |  | BB | 2,070,196 | 0.01\% |
|  |  | B | 21,017,259 | 0.10\% |
|  | Foreign Sovereigns-Foreign | A | 5,976,547 | 0.03\% |
|  |  | BBB | 44,944,503 | 0.22\% |
|  | MBS - Private (CMO) | AAA | 4,876,004 | 0.02\% |
|  |  | AA | 896,709 | 0.00\% |
|  |  | BBB | Page $4,219,286$ | 0.12\% |
|  |  | BB | 59,800,093 | 0.30\% |
|  |  | B | 265,086,837 | 1.32\% |
|  |  | CCC-C | 14,719,363 | 0.07\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Muni (con't) | BBB | 749,919,193 | 3.73\% |
|  |  | B | 717,614 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 185,608,721 | 0.92\% |
|  | Mutual Fund | AAA | 2,155,525,000 | 10.73\% |
|  |  | Unkn Rtg (Triparty) | 236,649,808 | 1.18\% |
|  | Supranational | AAA | 474,643 | 0.00\% |
|  | Treasury | Treasury | 208,094,782 | 1.04\% |
|  | Dealer Total |  | 20,097,048,866 | 100.00\% |
| Goldman Sachs | ABS | AAA | 181,479,839 | 11.10\% |
|  |  | AA | 74,104,323 | 4.53\% |
|  |  | A | 85,310,560 | 5.22\% |
|  |  | BBB | 123,046,016 | 7.52\% |
|  |  | BB | 46,390,527 | 2.84\% |
|  |  | B | 29,088,606 | 1.78\% |
|  |  | CCC-C | 110,987,302 | 6.79\% |
|  |  | D | 99,696,136 | 6.10\% |
|  |  | Unkn Rtg (Triparty) | 58,715,575 | 3.59\% |
|  | Equity-Domestic | Equity | 36,001,607 | 2.20\% |
|  | MBS - Agency - CMO | Agency | 472,578 | 0.03\% |
|  | MBS - Private (CMO) | AAA | 333,766,012 | 20.41\% |
|  |  | AA | 59,680,366 | 3.65\% |
|  |  | A | 111,184,901 | 6.80\% |
|  |  | BBB | 61,150,317 | 3.74\% |
|  |  | BB | 37,388,864 | 2.29\% |
|  |  | B | 84,795,552 | 5.18\% |
|  |  | CCC-C | 52,692,646 | 3.22\% |
|  |  | D | 4,941,378 | 0.30\% |
|  |  | Unkn Rtg (Triparty) | 44,598,580 | 2.73\% |
|  | Dealer Total |  | 1,635,491,683 | 100.00\% |
| Merrill Lynch | ABS | AAA | 349,268,424 | 1.44\% |
|  |  | AA | 92,163,219 | 0.38\% |
|  |  | A | 136,634,027 | 0.56\% |
|  |  | BBB | 119,482,405 | 0.49\% |
|  |  | BB | 186,632,312 | 0.77\% |
|  |  | B | 192,747,583 | 0.79\% |
|  |  | CCC-C | 250,223,635 | 1.03\% |
|  |  | D | 123,300,093 | 0.51\% |
|  |  | Unkn Rtg (Triparty) | 266,113,285 | 1.10\% |
|  | Agency Debt | Agency | 10,159,786 | 0.04\% |
|  | Auction Rate | AAA | 2,890,388,410 | 11.92\% |
|  |  | AA | 145,441,370 | 0.60\% |
|  |  | A | 132,651,944 | 0.55\% |
|  |  | BBB | 122,899,738 | 0.51\% |
|  |  | BB | 29,786,131 | 0.12\% |
|  |  | CCC-C | Page 123,0\$92541 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 182,753,906 | 0.75\% |
|  | CDs-CP-BAs | A-1 | 115,153 | 0.00\% |
|  |  | A-2 | 169,155 | 0.00\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Convertible Bonds-Domestic (con't) | BBB | 120,005,870 | 0.49\% |
|  |  | CCC-C | 60,910,916 | 0.25\% |
|  |  | D | 4,761,522 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 664,669,019 | 2.74\% |
|  | Convertible Bonds-Foreign | BBB | 2,321 | 0.00\% |
|  |  | BB | 562 | 0.00\% |
|  |  | B | 99 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 71,126,575 | 0.29\% |
|  | Corporates-Domestic | AAA | 79,380,807 | 0.33\% |
|  |  | AA | 15,744,052 | 0.06\% |
|  |  | A | 217,863,595 | 0.90\% |
|  |  | BBB | 225,890,136 | 0.93\% |
|  |  | BB | 93,669,048 | 0.39\% |
|  |  | B | 60,408,801 | 0.25\% |
|  |  | CCC-C | 404,206,342 | 1.67\% |
|  |  | D | 76,279,849 | 0.31\% |
|  |  | Unkn Rtg (Triparty) | 644,945,474 | 2.66\% |
|  | Corporates-Foreign | AAA | 40,426,761 | 0.17\% |
|  |  | AA | 32,600,980 | 0.13\% |
|  |  | A | 160,948,174 | 0.66\% |
|  |  | BBB | 171,736,185 | 0.71\% |
|  |  | BB | 344,367,692 | 1.42\% |
|  |  | B | 54,156,041 | 0.22\% |
|  |  | CCC-C | 30,670,813 | 0.13\% |
|  |  | D | 3,549,715 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 257,754,137 | 1.06\% |
|  | Equity-Domestic | Equity | 5,797,535,414 | 23.91\% |
|  | Equity-Foreign | Equity | 2,200,230,370 | 9.07\% |
|  | Foreign Sovereigns-Domestic | AAA | 716,476 | 0.00\% |
|  |  | AA | 4,504,005 | 0.02\% |
|  |  | A | 47,917,674 | 0.20\% |
|  |  | BBB | 139,199,430 | 0.57\% |
|  |  | BB | 685,676,669 | 2.83\% |
|  |  | B | 153,141,917 | 0.63\% |
|  |  | CCC-C | 5,087,775 | 0.02\% |
|  |  | D | 10,479,704 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 4,509,906 | 0.02\% |
|  | Foreign Sovereigns-Foreign | A | 103,162,540 | 0.43\% |
|  |  | BBB | 176,300,337 | 0.73\% |
|  |  | BB | 24,840,197 | 0.10\% |
|  |  | B | 60,646,480 | 0.25\% |
|  |  | D | 1,797,680 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 659,071 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 1,900 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 385,298,246 | 1.59\% |
|  |  | AA | 163,617,106 | 0.67\% |
|  |  | A Page | of 2488,100,218 | 0.45\% |
|  |  | BBB | 19,982,813 | 0.08\% |
|  |  | BB | 130,263,871 | 0.54\% |
|  |  | B | 172,923,350 | 0.71\% |
|  |  | CCC-C | 14,471,272 | 0.06\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | MBS - Private (CMO) (con't) | D | 1,209,141 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 98,623,609 | 0.41\% |
|  | Muni | AAA | 509,054,426 | 2.10\% |
|  |  | AA | 292,424,241 | 1.21\% |
|  |  | A | 459,172,482 | 1.89\% |
|  |  | BBB | 448,475,861 | 1.85\% |
|  |  | BB | 11,248,212 | 0.05\% |
|  |  | B | 1,615,173 | 0.01\% |
|  |  | CCC-C | 1,235,528 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 1,635,066,399 | 6.74\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 8,555,536 | 0.04\% |
|  | Other | A | 304,155,000 | 1.25\% |
|  |  | BBB | 1,849,539 | 0.01\% |
|  |  | BB | 7,604,644 | 0.03\% |
|  |  | B | 2,361,558 | 0.01\% |
|  |  | CCC-C | 703,880 | 0.00\% |
|  |  | D | 5,287,305 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 137,983,062 | 0.57\% |
|  | Supranational | AAA | 4,371,245 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 25,622 | 0.00\% |
|  | Treasury | Treasury | 20,554,820 | 0.08\% |
|  | Whole Loans | Unkn Rtg (Triparty) | 579,718,957 | 2.39\% |
|  | Dealer Total |  | 24,245,755,415 | 100.00\% |
| Mizuho | Corporates-Domestic | AA | 18,210,617 | 10.06\% |
|  |  | A | 161,568,166 | 89.22\% |
|  |  | BBB | 1,303,518 | 0.72\% |
|  | Dealer Total |  | 181,082,302 | 100.00\% |
| Morgan Stanley | ABS | AAA | 790,152,210 | 5.85\% |
|  |  | AA | 39,167,653 | 0.29\% |
|  |  | A | 48,105,948 | 0.36\% |
|  |  | BBB | 30,067,862 | 0.22\% |
|  |  | BB | 210,429,340 | 1.56\% |
|  |  | B | 108,434,395 | 0.80\% |
|  |  | CCC-C | 312,159,677 | 2.31\% |
|  |  | D | 142,592,793 | 1.06\% |
|  |  | Unkn Rtg (Triparty) | 154,105,902 | 1.14\% |
|  | Agency Debt | Agency | 345,277,196 | 2.56\% |
|  | CDs-CP-BAs | A-1 | 3,249,670 | 0.02\% |
|  |  | A-3 | 895,500 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 3,419,279 | 0.03\% |
|  | CMBS | BBB | 12,300 | 0.00\% |
|  |  | CCC-C | 44,838 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 44,259,271 | 0.33\% |
|  | Convertible Bonds-Domestic | A | 9,119,852 | 0.07\% |
|  |  | BBB | 29,106,940 | 0.22\% |
|  |  | BB | 4,135,436 | 0.03\% |
|  |  | B | 2,684,418 | 0.02\% |
|  |  | CCC-C | 9,944,167 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | Pagrosi3400634 | 1.39\% |
|  | Convertible Bonds-Foreign | BB | 262,305 | 0.00\% |
|  |  | B | 4,438,769 | 0.03\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Convertible Bonds-Foreign (con't) | Unkn Rtg (Triparty) | 116,963,702 | 0.87\% |
|  | Corporates-Domestic | AAA | 89,887,285 | 0.67\% |
|  |  | AA | 215,846,795 | 1.60\% |
|  |  | A | 63,569,778 | 0.47\% |
|  |  | BBB | 285,404,517 | 2.11\% |
|  |  | BB | 119,075,540 | 0.88\% |
|  |  | B | 79,910,974 | 0.59\% |
|  |  | CCC-C | 36,576,898 | 0.27\% |
|  |  | D | 68,243,552 | 0.51\% |
|  |  | Unkn Rtg (Triparty) | 370,470,422 | 2.74\% |
|  | Corporates-Foreign | AAA | 29,893,393 | 0.22\% |
|  |  | AA | 11,686,089 | 0.09\% |
|  |  | A | 14,796,316 | 0.11\% |
|  |  | BBB | 14,336,008 | 0.11\% |
|  |  | BB | 139,939,161 | 1.04\% |
|  |  | B | 25,274,077 | 0.19\% |
|  |  | CCC-C | 14,832,016 | 0.11\% |
|  |  | D | 7,164,222 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 249,758,500 | 1.85\% |
|  | Equity-Domestic | Equity | 432,253,399 | 3.20\% |
|  | Equity-Foreign | Equity | 511,768,878 | 3.79\% |
|  | Foreign Sovereigns-Domestic | BBB | 641,142 | 0.00\% |
|  |  | BB | 28,964,640 | 0.21\% |
|  |  | B | 59,492,175 | 0.44\% |
|  |  | CCC-C | 11,364,556 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 899 | 0.00\% |
|  | Foreign Sovereigns-Foreign | AA | 1,159,090 | 0.01\% |
|  |  | BBB | 983,483 | 0.01\% |
|  |  | BB | 273,902 | 0.00\% |
|  |  | B | 20,667,696 | 0.15\% |
|  |  | D | 24,984 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 14,250,869 | 0.11\% |
|  | MBS - Agency - CMO | Agency | 283,065,288 | 2.10\% |
|  | MBS - Private (CMO) | AAA | 121,863,768 | 0.90\% |
|  |  | AA | 68,894,164 | 0.51\% |
|  |  | A | 32,690,653 | 0.24\% |
|  |  | BBB | 24,152,491 | 0.18\% |
|  |  | BB | 236,244,590 | 1.75\% |
|  |  | B | 193,873,351 | 1.44\% |
|  |  | CCC-C | 52,370,702 | 0.39\% |
|  |  | D | 2,071,836 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 39,228,765 | 0.29\% |
|  | Muni | AAA | 1,468,597,436 | 10.88\% |
|  |  | AA | 892,465,744 | 6.61\% |
|  |  | A | 911,842,970 | 6.75\% |
|  |  | BBB Page | 24292,583,680 | 2.17\% |
|  |  | BB | 20,726,482 | 0.15\% |
|  |  | B | 18,878,659 | 0.14\% |
|  |  | CCC-C | 80,055,514 | 0.59\% |
|  |  | D | 3,000 | 0.00\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral |  | Rating | Dollar Value | \% Total |
| :--- | :--- | :--- | ---: | ---: | ---: |
| Morgan Stanley (con't) | Mutual Fund | AAA | $507,075,000$ | $3.76 \%$ |  |
|  |  | Unkn Rtg (Triparty) | $324,33,659$ | $2.40 \%$ |  |
|  | Supranational | AAA | $154,646,586$ | $1.15 \%$ |  |
|  | Treasury | Treasury | $1,074,690$ | $0.01 \%$ |  |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | $1,661,854,814$ | $12.31 \%$ |  |
|  | Dealer Total |  | $13,503,597,304$ | $100.00 \%$ |  |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Wednesday , November 26
Timothy Geithner, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Wednesday, November 26

- Total PDCF borrowing increased by $\$ 4.17$ billion to $\$ 57.89$ billion.
- All participants either increased borrowings or remained steady from Tuesday to Wednesday. Citigroup increased borrowing by $\$ 2.74$ billion to a total of $\$ 21.43$ billion.
- Citigroup's collateral consists primarily of municipal debt (33.4\%), equities ( $23.6 \%$ ), and mutual funds (11.3\%). Foreign denominated securities account for $3.9 \%$ of the total collateral pledged by Citigroup.
- Of the $\$ 23.08$ billion of collateral pledged by Citigroup, $49.8 \%$ are investment grade securities, $11 \%$ are non-investment grade securities, $23.6 \%$ are equities, and $15.7 \%$ are securities with unknown ratings. Recent borrowing began to rapidly increase on November 19th. Since the 19th, there has been a significant shift from investment grade collateral (previously $77.6 \%$ ) towards non-investment grade collateral (previously 0\%) and collateral with unknown ratings (previously 1.3\%).


Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Wednesday, November 26, 2008

## Highlights

- Total PDCF borrowing increased by $\$ 4.17$ billion to $\$ 57.89$ billion.
- All participants either increased borrowings or remained steady from Tuesday to Wednesday. Citigroup increased borrowing by $\$ 2.74$ billion to a total of $\$ 21.43$ billion.
- Citigroup's collateral consists primarily of municipal debt (33.4\%), equities (23.6\%), and mutual funds (11.3\%). Foreign denominated securities account for $3.9 \%$ of the total collateral pledged by Citigroup.
- Of the $\$ 23.08$ billion of collateral pledged by Citigroup, $49.8 \%$ are investment grade securities, $11 \%$ are non-investment grade securities, $23.6 \%$ are equities, and $15.7 \%$ are securities with unknown ratings. Recent borrowing began to rapidly increase on November $19^{\text {th }}$. Since the $19^{\text {th }}$, there has been a significant shift from investment grade collateral (previously $77.6 \%$ ) towards non-investment grade collateral (previously $0 \%$ ) and collateral with unknown ratings (previously $1.3 \%$ ).

Overnight Borrowings - in billions

| Dealer | $\mathbf{1 1 / 2 6 / 2 0 0 8}$ | $\mathbf{1 1 / 2 5 / 2 0 0 8}$ | $\mathbf{1 1 / 2 4 / 2 0 0 8}$ | $\mathbf{1 1 / 2 1 / 2 0 0 8}$ | $\mathbf{1 1 / 2 0 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | - | - | - | - | 1.00 |
| Citigroup | 21.43 | 18.69 | 18.03 | 15.85 | 11.90 |
| Goldman Sachs | 1.50 | 1.50 | 1.50 | 2.50 | 3.00 |
| Merrill Lynch | 23.06 | 22.41 | 21.99 | 21.85 | 21.82 |
| Mizuho | 0.17 | 0.17 | 0.15 | 0.15 | 0.15 |
| Morgan Stanley | 11.73 | 10.95 | 10.57 | 10.91 | 11.39 |
| Total Borrowings | $\mathbf{5 7 . 8 9}$ | $\mathbf{5 3 . 7 2}$ | $\mathbf{5 2 . 2 5}$ | $\mathbf{5 1 . 2 7}$ | $\mathbf{4 9 . 2 7}$ |
|  |  |  |  |  |  |
| Total Collateral ${ }^{*}$ | $\mathbf{6 4 . 1 5}$ | $\mathbf{5 9 . 6 6}$ | $\mathbf{5 8 . 0 6}$ | $\mathbf{5 6 . 9 4}$ | $\mathbf{5 4 . 8 6}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 0 . 8 1 \%}$ | $\mathbf{1 1 . 0 6 \%}$ | $\mathbf{1 1 . 1 2 \%}$ | $\mathbf{1 1 . 0 6 \%}$ | $\mathbf{1 1 . 3 5 \%}$ |

## RESTRICTED-FR

* Includes additional commercial loans in a Borrower-In-Custody arrangement. Further legal review of swap receivable collateral suggests that the Reserve Bank does not have a claim against swap receivables collateral unless the pledging dealer has explicitly borrowed against this collateral. As such, swap receivables collateral has been removed from the collateral totals in this report.


## PDCF Borrowing Trend



## Composition of Collateral Pledged for November 26 Borrowings - in millions

[^15]| Rating ${ }^{1}$ | Citigroup | Goldman Sachs | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treasury | 208.0 | - | 8.1 | - | - | 216.1 |
| Agency | 327.7 | 0.4 | 9.7 | - | 507.1 | 844.9 |
| AAA | 4,144.7 | 502.2 | 4,070.0 | - | 2,531.5 | 11,248.3 |
| AA | 4,201.4 | 132.4 | 1,033.5 | 18.2 | 2,036.6 | 7,422.2 |
| A | 1,596.3 | 191.8 | 1,846.8 | 163.6 | 1,097.2 | 4,895.8 |
| BBB | 983.6 | 185.2 | 1,658.7 | 1.3 | 714.0 | 3,542.7 |
| BB | 469.6 | 83.0 | 1,667.2 | - | 711.1 | 2,930.8 |
| B | 1,003.3 | 136.3 | 842.3 | - | 433.6 | 2,415.5 |
| CCC-C | 946.7 | 163.6 | 876.6 | - | 346.9 | 2,333.8 |
| D | 113.8 | 103.7 | 228.8 | - | 136.4 | 582.7 |
| A-1 | 24.7 | - | 0.1 | - | - | 24.8 |
| A-2 | 2.0 | - | - | - | - | 2.0 |
| A-3 | - | - | - | - | 0.9 | 0.9 |
| NP | - | - | - | - | - | - |
| Equity | 5,436.0 | 34.3 | 8,049.0 | - | 1,165.0 | 14,684.2 |
| Unkn Rtg (Triparty) | 3,618.1 | 103.1 | 4,645.1 | - | 2,986.7 | 11,353.0 |
| Unkn Rtg (non-Triparty) | - | - | - | - | 1,652.1 | 1,652.1 |
| Total Collateral | 23,075.7 | 1,636.1 | 24,935.8 | 183.2 | 14,319.1 | 64,149.9 |
| Total Borrowings | 21,425.0 | 1,500.0 | 23,058.7 | 171.2 | 11,731.4 | 57,886.2 |
| Collateral Cushion | 7.70\% | 9.07\% | 8.14\% | 7.00\% | 22.06\% | 10.82\% |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Page 5 of 23

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $216,090,048$ | $0.34 \%$ |
| Agency | $844,898,751$ | $1.32 \%$ |
| AAA | $11,248,335,517$ | $17.53 \%$ |
| AA | $7,422,166,329$ | $11.57 \%$ |
| A | $4,895,836,521$ | $7.63 \%$ |
| BBB | $3,542,737,622$ | $5.52 \%$ |
| BB | $2,930,820,213$ | $4.57 \%$ |
| B | $2,415,526,995$ | $3.77 \%$ |
| CCC-C | $2,333,790,446$ | $3.64 \%$ |
| D | $582,698,484$ | $0.91 \%$ |
| A-1 | $24,776,161$ | $0.04 \%$ |
| A-2 | $1,999,407$ | $0.00 \%$ |
| A-3 | 895,500 | $0.00 \%$ |
| Equity | $14,684,220,259$ | $22.89 \%$ |
| Unkn Rtg (Triparty) | $11,353,035,690$ | $17.70 \%$ |
| Unkn Rtg (non-Triparty) | $1,652,054,814$ | $2.58 \%$ |
| Total | $64,149,882,757$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $5,765,576,968$ | $8.99 \%$ |
| Agency Debt | $457,799,520$ | $0.71 \%$ |
| Auction Rate | $3,545,121,319$ | $5.53 \%$ |
| CDs-CP-BAs | $150,911,465$ | $0.24 \%$ |
| CMBS | $131,025,317$ | $0.20 \%$ |
| Convertible Bonds-Domestic | $2,375,980,678$ | $3.70 \%$ |
| Convertible Bonds-Foreign | $680,985,402$ | $1.06 \%$ |
| Corporates-Domestic | $7,098,945,089$ | $11.07 \%$ |
| Corporates-Foreign | $1,957,072,557$ | $3.05 \%$ |
| Equity-Domestic | $11,789,847,564$ | $18.38 \%$ |
| Equity-Foreign | $2,894,372,695$ | $4.51 \%$ |
| Foreign Sovereigns-Domestic | $1,329,558,971$ | $2.07 \%$ |
| Foreign Sovereigns-Foreign | $399,810,513$ | $0.62 \%$ |
| MBS - Agency - CMO | $387,099,231$ | $0.60 \%$ |
| MBS - Private (CMO) | $3,427,350,285$ | $5.34 \%$ |
| Muni | $15,224,820,643$ | $23.73 \%$ |
| Mutual Fund | $3,467,191,117$ | $5.40 \%$ |
| Other | $453,004,615$ | $0.71 \%$ |
| Supranational | $163,355,343$ | $0.25 \%$ |
| Treasury | $216,090,048$ | $0.34 \%$ |
| Whole Loans | $581,908,603$ | $0.91 \%$ |
| Whole Loans - DW | $1,652,054,814$ | $2.58 \%$ |
| Total | $64,149,882,757$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 324,922,407 | 1.41\% |
|  |  | AA | 6,611,334 | 0.03\% |
|  |  | A | 324,565,415 | 1.41\% |
|  |  | BBB | 176,862,419 | 0.77\% |
|  |  | BB | 213,427,612 | 0.92\% |
|  |  | B | 326,495,052 | 1.41\% |
|  |  | CCC-C | 207,387,749 | 0.90\% |
|  |  | D | 102,802,708 | 0.45\% |
|  |  | Unkn Rtg (Triparty) | 441,152,010 | 1.91\% |
|  | Agency Debt | Agency | 327,672,003 | 1.42\% |
|  | CDs-CP-BAs | A-1 | 24,668,764 | 0.11\% |
|  |  | A-2 | 1,999,407 | 0.01\% |
|  | CMBS | Unkn Rtg (Triparty) | 8,352,342 | 0.04\% |
|  | Convertible Bonds-Domestic | A | 12,946,875 | 0.06\% |
|  |  | BBB | 16,120,425 | 0.07\% |
|  |  | B | 17,000,000 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 762,724,342 | 3.31\% |
|  | Convertible Bonds-Foreign | A | 15,273,562 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 470,576,350 | 2.04\% |
|  | Corporates-Domestic | AAA | 47,368,960 | 0.21\% |
|  |  | AA | 29,207,571 | 0.13\% |
|  |  | A | 216,394,922 | 0.94\% |
|  |  | BBB | 13,388,542 | 0.06\% |
|  |  | BB | 53,963,293 | 0.23\% |
|  |  | B | 28,328,561 | 0.12\% |
|  |  | CCC-C | 714,832,812 | 3.10\% |
|  |  | D | 10,964,068 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 978,483,591 | 4.24\% |
|  | Corporates-Foreign | B | 614,450 | 0.00\% |
|  |  | CCC-C | 7,837,974 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 176,461,612 | 0.76\% |
|  | Equity-Domestic | Equity | 5,211,464,638 | 22.58\% |
|  | Equity-Foreign | Equity | 224,493,551 | 0.97\% |
|  | Foreign Sovereigns-Domestic | AA | 127,255,525 | 0.55\% |
|  |  | BBB | 6,393,639 | 0.03\% |
|  |  | CCC-C | 9,151,874 | 0.04\% |
|  | Foreign Sovereigns-Foreign | AAA | 160,503 | 0.00\% |
|  |  | BBB | 11,985,405 | 0.05\% |
|  | MBS - Private (CMO) | BBB | 8,261,423 | 0.04\% |
|  |  | BB | 202,174,316 | 0.88\% |
|  |  | B | 630,891,972 | 2.73\% |
|  |  | CCC-C | 7,511,309 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | Page4d, 339,636 | 0.21\% |
|  | Muni | AAA | 1,568,908,959 | 6.80\% |
|  |  | AA | 4,038,363,544 | 17.50\% |
|  |  | A | 1,027,150,430 | 4.45\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Treasury | Treasury | 207,970,405 | 0.90\% |
|  | Dealer Total |  | 23,075,722,839 | 100.00\% |
| Goldman Sachs | ABS | AAA | 172,278,236 | 10.53\% |
|  |  | AA | 73,802,468 | 4.51\% |
|  |  | A | 81,093,348 | 4.96\% |
|  |  | BBB | 123,718,760 | 7.56\% |
|  |  | BB | 45,351,978 | 2.77\% |
|  |  | B | 29,038,237 | 1.77\% |
|  |  | CCC-C | 110,858,407 | 6.78\% |
|  |  | D | 98,945,937 | 6.05\% |
|  |  | Unkn Rtg (Triparty) | 58,726,464 | 3.59\% |
|  | Equity-Domestic | Equity | 34,280,148 | 2.10\% |
|  | MBS - Agency - CMO | Agency | 427,174 | 0.03\% |
|  | MBS - Private (CMO) | AAA | 329,917,642 | 20.17\% |
|  |  | AA | 58,584,485 | 3.58\% |
|  |  | A | 110,746,636 | 6.77\% |
|  |  | BBB | 61,480,656 | 3.76\% |
|  |  | BB | 37,607,970 | 2.30\% |
|  |  | B | 107,277,721 | 6.56\% |
|  |  | CCC-C | 52,772,378 | 3.23\% |
|  |  | D | 4,745,687 | 0.29\% |
|  |  | Unkn Rtg (Triparty) | 44,417,937 | 2.71\% |
|  | Dealer Total |  | 1,636,072,270 | 100.00\% |
| Merrill Lynch | ABS | AAA | 342,941,104 | 1.38\% |
|  |  | AA | 109,053,392 | 0.44\% |
|  |  | A | 131,565,567 | 0.53\% |
|  |  | BBB | 123,328,860 | 0.49\% |
|  |  | BB | 202,315,537 | 0.81\% |
|  |  | B | 187,229,288 | 0.75\% |
|  |  | CCC-C | 250,609,695 | 1.01\% |
|  |  | D | 123,032,774 | 0.49\% |
|  |  | Unkn Rtg (Triparty) | 259,590,227 | 1.04\% |
|  | Agency Debt | Agency | 9,691,659 | 0.04\% |
|  | Auction Rate | AAA | 2,899,938,410 | 11.63\% |
|  |  | AA | 145,441,680 | 0.58\% |
|  |  | A | 135,491,414 | 0.54\% |
|  |  | BBB | 122,918,762 | 0.49\% |
|  |  | BB | 29,772,009 | 0.12\% |
|  |  | CCC-C | 28,688,647 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 182,870,399 | 0.73\% |
|  | CDs-CP-BAs | A-1 | 107,397 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 118,913,673 | 0.48\% |
|  | CMBS | Unkn Rtg (Triparty) | 72,265,393 | 0.29\% |
|  | Convertible Bonds-Domestic | A | 144,888,488 | 0.58\% |
|  |  | BBB | Page 409, 3f12345 | 0.84\% |
|  |  | BB | 51,854,012 | 0.21\% |
|  |  | B | 99,394,707 | 0.40\% |
|  |  | CCC-C | 61,611,887 | 0.25\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Convertible Bonds-Foreign (con't) | BB | 570 | 0.00\% |
|  |  | B | 101 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 79,532,972 | 0.32\% |
|  | Corporates-Domestic | AAA | 79,504,659 | 0.32\% |
|  |  | AA | 52,211,199 | 0.21\% |
|  |  | A | 243,587,411 | 0.98\% |
|  |  | BBB | 297,997,984 | 1.20\% |
|  |  | BB | 120,438,903 | 0.48\% |
|  |  | B | 70,501,323 | 0.28\% |
|  |  | CCC-C | 479,779,746 | 1.92\% |
|  |  | D | 78,813,774 | 0.32\% |
|  |  | Unkn Rtg (Triparty) | 658,950,156 | 2.64\% |
|  | Corporates-Foreign | AAA | 40,933,906 | 0.16\% |
|  |  | AA | 32,759,277 | 0.13\% |
|  |  | A | 159,335,092 | 0.64\% |
|  |  | BBB | 171,489,342 | 0.69\% |
|  |  | BB | 352,991,486 | 1.42\% |
|  |  | B | 52,206,635 | 0.21\% |
|  |  | CCC-C | 34,561,424 | 0.14\% |
|  |  | D | 3,217,788 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 261,716,065 | 1.05\% |
|  | Equity-Domestic | Equity | 5,941,256,934 | 23.83\% |
|  | Equity-Foreign | Equity | 2,107,773,762 | 8.45\% |
|  | Foreign Sovereigns-Domestic | AAA | 716,498 | 0.00\% |
|  |  | AA | 4,596,669 | 0.02\% |
|  |  | A | 50,486,749 | 0.20\% |
|  |  | BBB | 135,255,599 | 0.54\% |
|  |  | BB | 737,544,607 | 2.96\% |
|  |  | B | 137,110,268 | 0.55\% |
|  |  | CCC-C | 4,944,967 | 0.02\% |
|  |  | D | 10,538,420 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 4,002,834 | 0.02\% |
|  | Foreign Sovereigns-Foreign | A | 104,646,510 | 0.42\% |
|  |  | BBB | 178,265,684 | 0.71\% |
|  |  | BB | 19,289,041 | 0.08\% |
|  |  | B | 44,771,351 | 0.18\% |
|  |  | D | 1,943,689 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 525,375 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 1,751 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 383,576,399 | 1.54\% |
|  |  | AA | 164,388,481 | 0.66\% |
|  |  | A | 108,869,324 | 0.44\% |
|  |  | BBB | 21,884,378 | 0.09\% |
|  |  | BB | 132,523,197 | 0.53\% |
|  |  | B | 247,455,650 | 0.99\% |
|  |  | CCC-C | 14,448,430 | 0.06\% |
|  |  | D P | 6 of 2 2 214,719 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 18,025,337 | 0.07\% |
|  | Muni | AAA | 317,717,775 | 1.27\% |
|  |  | AA | 525,043,787 | 2.11\% |
|  |  | A | 463,791,041 | 1.86\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Muni (con't) | BBB | 396,250,517 | 1.59\% |
|  |  | BB | 11,431,528 | 0.05\% |
|  |  | B | 1,635,406 | 0.01\% |
|  |  | CCC-C | 1,231,638 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 1,618,632,163 | 6.49\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 8,858,126 | 0.04\% |
|  | Other | A | 304,155,000 | 1.22\% |
|  |  | BBB | 1,899,033 | 0.01\% |
|  |  | BB | 9,000,075 | 0.04\% |
|  |  | B | 1,982,247 | 0.01\% |
|  |  | CCC-C | 704,242 | 0.00\% |
|  |  | D | 5,288,452 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 129,975,567 | 0.52\% |
|  | Supranational | AAA | 4,624,212 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 26,068 | 0.00\% |
|  | Treasury | Treasury | 8,119,643 | 0.03\% |
|  | Whole Loans | Unkn Rtg (Triparty) | 581,908,603 | 2.33\% |
|  | Dealer Total |  | 24,935,776,793 | 100.00\% |
| Mizuho | Corporates-Domestic | AA | 18,237,364 | 9.95\% |
|  |  | A | 163,624,099 | 89.31\% |
|  |  | BBB | 1,342,574 | 0.73\% |
|  | Dealer Total |  | 183,204,038 | 100.00\% |
| Morgan Stanley | ABS | AAA | 384,181,191 | 2.68\% |
|  |  | AA | 121,426,010 | 0.85\% |
|  |  | A | 111,786,142 | 0.78\% |
|  |  | BBB | 26,981,366 | 0.19\% |
|  |  | BB | 175,974,910 | 1.23\% |
|  |  | B | 47,762,770 | 0.33\% |
|  |  | CCC-C | 139,003,014 | 0.97\% |
|  |  | D | 40,528,680 | 0.28\% |
|  |  | Unkn Rtg (Triparty) | 70,225,902 | 0.49\% |
|  | Agency Debt | Agency | 120,435,858 | 0.84\% |
|  | CDs-CP-BAs | A-3 | 895,500 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 4,326,724 | 0.03\% |
|  | CMBS | BBB | 12,910 | 0.00\% |
|  |  | CCC-C | 47,223 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 50,347,449 | 0.35\% |
|  | Convertible Bonds-Domestic | AA | 38,933,125 | 0.27\% |
|  |  | A | 54,515,032 | 0.38\% |
|  |  | BBB | 24,266,705 | 0.17\% |
|  |  | BB | 4,387,218 | 0.03\% |
|  |  | B | 727,118 | 0.01\% |
|  |  | CCC-C | 13,736,435 | 0.10\% |
|  |  | Unkn Rtg (Triparty) | 209,476,516 | 1.46\% |
|  | Convertible Bonds-Foreign | BB | 424,903 | 0.00\% |
|  |  | B | 4,497,657 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 110,676,823 | 0.77\% |
|  | Corporates-Domestic | AAA | 327,059,214 | 2.28\% |
|  |  | AA | Pagat66970\$93 | 6.05\% |
|  |  | A | 67,304,568 | 0.47\% |
|  |  | BBB | 362,384,684 | 2.53\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Corporates-Domestic (con't) | BB | 123,075,156 | 0.86\% |
|  |  | B | 75,320,382 | 0.53\% |
|  |  | CCC-C | 44,355,607 | 0.31\% |
|  |  | D | 72,529,494 | 0.51\% |
|  |  | Unkn Rtg (Triparty) | 802,597,073 | 5.61\% |
|  | Corporates-Foreign | AAA | 34,402,590 | 0.24\% |
|  |  | AA | 11,949,470 | 0.08\% |
|  |  | A | 27,624,354 | 0.19\% |
|  |  | BBB | 8,759,752 | 0.06\% |
|  |  | BB | 163,042,681 | 1.14\% |
|  |  | B | 31,495,309 | 0.22\% |
|  |  | CCC-C | 16,250,819 | 0.11\% |
|  |  | D | 21,937,311 | 0.15\% |
|  |  | Unkn Rtg (Triparty) | 347,485,217 | 2.43\% |
|  | Equity-Domestic | Equity | 602,845,843 | 4.21\% |
|  | Equity-Foreign | Equity | 562,105,383 | 3.93\% |
|  | Foreign Sovereigns-Domestic | BBB | 675,395 | 0.00\% |
|  |  | BB | 28,768,399 | 0.20\% |
|  |  | B | 60,634,276 | 0.42\% |
|  |  | CCC-C | 11,482,303 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 950 | 0.00\% |
|  | Foreign Sovereigns-Foreign | AA | 1,178,956 | 0.01\% |
|  |  | BBB | 1,001,019 | 0.01\% |
|  |  | BB | 275,714 | 0.00\% |
|  |  | B | 20,936,755 | 0.15\% |
|  |  | Unkn Rtg (Triparty) | 14,830,512 | 0.10\% |
|  | MBS - Agency - CMO | Agency | 386,670,306 | 2.70\% |
|  | MBS - Private (CMO) | AAA | 119,841,679 | 0.84\% |
|  |  | AA | 23,025,806 | 0.16\% |
|  |  | A | 13,964,636 | 0.10\% |
|  |  | BBB | 23,043,034 | 0.16\% |
|  |  | BB | 194,601,269 | 1.36\% |
|  |  | B | 173,398,770 | 1.21\% |
|  |  | CCC-C | 41,894,048 | 0.29\% |
|  |  | D | 1,429,839 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 38,042,528 | 0.27\% |
|  | Muni | AAA | 990,136,110 | 6.91\% |
|  |  | AA | 973,698,788 | 6.80\% |
|  |  | A | 822,029,907 | 5.74\% |
|  |  | BBB | 266,844,370 | 1.86\% |
|  |  | BB | 20,583,829 | 0.14\% |
|  |  | B | 18,820,989 | 0.13\% |
|  |  | CCC-C | 80,087,817 | 0.56\% |
|  |  | D | 3,019 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 1,005,355,985 | 7.02\% |
|  | Mutual Fund | AAA | 517,475,000 | 3.61\% |
|  |  | Unkn Rtg (Triparty) pag | of 2333,381,783 | 2.33\% |
|  | Supranational | AAA | -158,438,726 | 1.11\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,652,054,814 | 11.54\% |
|  | Dealer Total |  | 14,319,106,817 | 100.00\% |

## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF collateral report for Monday , December 1 

Timothy Geithner, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 12/02/2008 01:29 PM McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Monday, December 1

- Total PDCF borrowing on Monday was $\$ 60.26$ billion, an increase of $\$ 3.19$ billion. This is the highest level of borrowing since November 10th.
- All participants either increased borrowings or remained steady from Friday to Monday. Morgan Stanley had the largest increase among participants with $\$ 1.23$ billion in additional borrowing.
- The composition of PDCF collateral is primarily equities (27.8\%), municipal debt ( $24 \%$ ), and corporate debt ( $13.5 \%$ ). Foreign denominated securities account for $13.5 \%$ of the total PDCF collateral.


PDCF Charts and Tables - 20081201.doc
Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Monday, December 01, 2008

## Highlights

- Total PDCF borrowing on Monday was $\$ 60.26$ billion, an increase of $\$ 3.19$ billion. This is the highest level of borrowing since November $10^{\text {th }}$.
- All participants either increased borrowings or remained steady from Friday to Monday. Morgan Stanley had the largest increase among participants with $\$ 1.23$ billion in additional borrowing.
- The composition of PDCF collateral is primarily equities ( $27.8 \%$ ), municipal debt ( $24 \%$ ), and corporate debt ( $13.5 \%$ ). Foreign denominated securities account for $13.5 \%$ of the total PDCF collateral.

Overnight Borrowings - in billions

| Dealer | $\mathbf{1 2 / 0 1 / 2 0 0 8}$ | $\mathbf{1 1 / 2 8 / 2 0 0 8}$ | $\mathbf{1 1 / 2 6 / 2 0 0 8}$ | $\mathbf{1 1 / 2 5 / 2 0 0 8}$ | $\mathbf{1 1 / 2 4 / 2 0 0 8}$ |
| :--- | :---: | ---: | ---: | ---: | ---: |
| Bank of America | 1.00 | - | - | - | - |
| Citigroup | 22.00 | 21.30 | 21.43 | 18.69 | 18.03 |
| Goldman Sachs | - | - | 1.50 | 1.50 | 1.50 |
| Merrill Lynch | 23.57 | 23.31 | 23.06 | 22.41 | 21.99 |
| Mizuho | 0.17 | 0.17 | 0.17 | 0.17 | 0.15 |
| Morgan Stanley | 13.52 | 12.29 | 11.73 | 10.95 | 10.57 |
| Total Borrowings | $\mathbf{6 0 . 2 6}$ | $\mathbf{5 7 . 0 7}$ | $\mathbf{5 7 . 8 9}$ | $\mathbf{5 3 . 7 2}$ | $\mathbf{5 2 . 2 5}$ |
|  |  |  |  |  |  |
| Total Collateral ${ }^{*}$ | $\mathbf{6 6 . 7 9}$ | $\mathbf{6 3 . 2 7}$ | $\mathbf{6 4 . 1 5}$ | $\mathbf{5 9 . 6 6}$ | $\mathbf{5 8 . 0 6}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 0 . 8 4 \%}$ | $\mathbf{1 0 . 8 6 \%}$ | $\mathbf{1 0 . 8 1 \%}$ | $\mathbf{1 1 . 0 6 \%}$ | $\mathbf{1 1 . 1 2 \%}$ |

* Includes additional commercial loans in a Borrower-In-Custody arrangement. Further legal review of swap receivable collateral suggests that the Reserve Bank does not have a claim against swap receivables collateral unless the pledging dealer has explicitly borrowed against this collateral. As such, swap receivables collateral has been removed from the collateral totals in this report.


## RESTRICTED-FR

PDCF Borrowing Trend

\$0
03/17/2008 04/09/2008 05/01/2008 05/23/2008 06/17/2008 07/10/2008 08/01/2008 08/25/2008 09/17/2008 10/09/2008 11/03/2008 11/26/200
Date
$\longrightarrow$ Total Borrowing - Bear Stearns Borrowing Other Borrowing $\longrightarrow$ Total Collateral

## Composition of Collateral Pledged for December 01 Borrowings - in millions

[^16]| Rating $^{1}$ | Bank of America | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley $^{\mathbf{2}}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Treasury | - | 130.5 | 297.5 | - | - | 428.0 |
| Agency | - | 318.9 | 11.1 | - | 535.7 | 865.7 |
| AAA | - | $3,383.1$ | $4,069.5$ | - | $2,801.0$ | $10,253.6$ |
| AA | 10.4 | $4,194.5$ | $1,044.0$ | 18.3 | $1,471.7$ | $6,738.8$ |
| A | 0.7 | $1,405.5$ | $1,805.5$ | 165.1 | $1,432.8$ | $4,809.6$ |
| BBB | 0.4 | $1,049.1$ | $1,417.5$ | 1.4 | 972.9 | $3,441.3$ |
| BB | 35.1 | 439.6 | $1,551.0$ | - | 768.1 | $2,793.9$ |
| B | 5.7 | 934.2 | 867.7 | - | 487.4 | $2,294.9$ |
| CCC-C | 0.1 | 834.0 | 840.9 | - | 422.3 | $2,097.3$ |
| D | 13.0 | 139.2 | 229.8 | - | 330.8 | $\mathbf{7 1 2 . 8}$ |
| A-1 | - | 36.7 | - | - | 11.8 | 48.5 |
| A-2 | - | 17.0 | - | - | - | 17.0 |
| A-3 | - | - | - | - | - | - |
| NP | - | - | - | - | - | - |
| Equity | - | $7,421.1$ | $8,578.4$ | - | $2,530.5$ | $18,529.9$ |
| Unkn Rtg (Triparty) | $\mathbf{1 , 0 1 2 . 4}$ | $3,417.9$ | $\mathbf{4 , 7 7 8 . 9}$ | - | $\mathbf{2 , 8 9 3 . 5}$ | $12,102.8$ |
| Unkn Rtg (non-Triparty) | - | - | - | - | $\mathbf{1 , 6 5 2 . 1}$ | $\mathbf{1 , 6 5 2 . 1}$ |
| Total Collateral | $\mathbf{1 , 0 7 7 . 9}$ | $\mathbf{2 3 , 7 2 1 . 2}$ | $\mathbf{2 5 , 4 9 1 . 8}$ | $\mathbf{1 8 4 . 7}$ | $\mathbf{1 6 , 3 1 0 . 5}$ | $\mathbf{6 6 , 7 8 6 . 2}$ |
| Total Borrowings | $\mathbf{1 , 0 0 0 . 0}$ | $\mathbf{2 1 , 9 9 5 . 0}$ | $\mathbf{2 3 , 5 7 3 . 5}$ | $\mathbf{1 7 2 . 6}$ | $\mathbf{1 3 , 5 1 9 . 8}$ | $\mathbf{6 0 , 2 6 1 . 0}$ |
| Collateral Cushion | $\mathbf{7 . 7 9 \%}$ | $\mathbf{7 . 8 5 \%}$ | $\mathbf{8 . 1 4 \%}$ | $\mathbf{6 . 9 9 \%}$ | $\mathbf{2 0 . 6 4 \%}$ | $\mathbf{1 0 . 8 3 \%}$ |

Collateral Value and Rating Distribution by Dealer


## Distribution of Total Pledged Collateral by Rating



Page 5 of 23

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $427,988,175$ | $0.64 \%$ |
| Agency | $865,742,022$ | $1.30 \%$ |
| AAA | $10,253,648,394$ | $15.35 \%$ |
| AA | $6,738,789,141$ | $10.09 \%$ |
| A | $4,809,559,229$ | $7.20 \%$ |
| BBB | $3,441,284,667$ | $5.15 \%$ |
| BB | $2,793,895,349$ | $4.18 \%$ |
| B | $2,294,939,115$ | $3.44 \%$ |
| CCC-C | $2,097,273,941$ | $3.14 \%$ |
| D | $712,827,309$ | $1.07 \%$ |
| A-1 | $48,490,668$ | $0.07 \%$ |
| A-2 | $16,992,747$ | $0.03 \%$ |
| Equity | $12,529,879,580$ | $27.75 \%$ |
| Unkn Rtg (Triparty) | $1,652,804,632$ | $18.12 \%$ |
| Unkn Rtg (non-Triparty) | $66,786,169,782$ | $100.00 \%$ |
| Total |  | 2 |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $5,403,037,446$ | $8.09 \%$ |
| Agency Debt | $478,613,372$ | $0.72 \%$ |
| Auction Rate | $3,630,200,445$ | $5.44 \%$ |
| CDs-CP-BAs | $209,971,710$ | $0.31 \%$ |
| CMBS | $170,389,445$ | $0.26 \%$ |
| Convertible Bonds-Domestic | $1,417,143,409$ | $2.12 \%$ |
| Convertible Bonds-Foreign | $732,169,092$ | $1.10 \%$ |
| Corporates-Domestic | $6,709,868,245$ | $10.05 \%$ |
| Corporates-Foreign | $2,272,972,180$ | $3.40 \%$ |
| Equity-Domestic | $13,027,865,483$ | $19.51 \%$ |
| Equity-Foreign | $5,502,014,097$ | $8.24 \%$ |
| Foreign Sovereigns-Domestic | $1,268,602,899$ | $1.90 \%$ |
| Foreign Sovereigns-Foreign | $526,478,650$ | $0.79 \%$ |
| MBS - Agency - CMO | $387,128,650$ | $0.58 \%$ |
| MBS - Private (CMO) | $2,569,478,390$ | $3.85 \%$ |
| Muni | $16,018,615,402$ | $23.98 \%$ |
| Mutual Fund | $3,190,448,316$ | $4.78 \%$ |
| Other | $447,292,199$ | $0.67 \%$ |
| Supranational | $163,250,290$ | $0.24 \%$ |
| Treasury | $427,988,175$ | $0.64 \%$ |
| Whole Loans | $580,587,074$ | $0.87 \%$ |
| Whole Loans - DW | $1,652,054,814$ | $2.47 \%$ |
| Total | $66,786,169,782$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | CCC-C | 86,209 | 0.01\% |
|  |  | D | 12,820,635 | 1.19\% |
|  |  | Unkn Rtg (Triparty) | 99,262,402 | 9.21\% |
|  | MBS - Private (CMO) | BB | 35,134,544 | 3.26\% |
|  |  | Unkn Rtg (Triparty) | 53,807 | 0.00\% |
|  | Muni | AA | 10,366,935 | 0.96\% |
|  |  | A | 700,000 | 0.06\% |
|  |  | BBB | 417,806 | 0.04\% |
|  |  | B | 5,734,103 | 0.53\% |
|  |  | D | 181,619 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 913,125,852 | 84.71\% |
|  | Dealer Total |  | 1,077,883,912 | 100.00\% |
| Citigroup | ABS | AAA | 104,685,607 | 0.44\% |
|  |  | AA | 127,611 | 0.00\% |
|  |  | A | 282,963,332 | 1.19\% |
|  |  | BBB | 74,694,343 | 0.31\% |
|  |  | BB | 203,843,843 | 0.86\% |
|  |  | B | 253,660,886 | 1.07\% |
|  |  | CCC-C | 104,602,786 | 0.44\% |
|  |  | D | 128,236,340 | 0.54\% |
|  |  | Unkn Rtg (Triparty) | 466,836,952 | 1.97\% |
|  | Agency Debt | Agency | 318,903,594 | 1.34\% |
|  | CDs-CP-BAs | A-1 | 36,675,853 | 0.15\% |
|  |  | A-2 | 16,992,747 | 0.07\% |
|  | CMBS | Unkn Rtg (Triparty) | 9,894,552 | 0.04\% |
|  | Convertible Bonds-Domestic | A | 13,439,979 | 0.06\% |
|  |  | BB | 8,136,773 | 0.03\% |
|  |  | B | 17,000,000 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 100,752,087 | 0.42\% |
|  | Convertible Bonds-Foreign | A | 37,151,293 | 0.16\% |
|  |  | BBB | 28,671,916 | 0.12\% |
|  |  | BB | 3,639,419 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 454,147,993 | 1.91\% |
|  | Corporates-Domestic | AAA | 27,992,944 | 0.12\% |
|  |  | AA | 29,033,008 | 0.12\% |
|  |  | A | 226,947,693 | 0.96\% |
|  |  | BBB | 87,408,374 | 0.37\% |
|  |  | BB | 16,990,993 | 0.07\% |
|  |  | B | 22,902,308 | 0.10\% |
|  |  | CCC-C | 711,777,032 | 3.00\% |
|  |  | D | 11,009,058 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 1,319,800,259 | 5.56\% |
|  | Corporates-Foreign | BBB | Page 10 Ofge, 843,851 | 0.41\% |
|  |  | B | 457,252 | 0.00\% |
|  |  | CCC-C | 7,657,560 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 373,005,853 | 1.57\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | MBS - Private (CMO) (con't) | BB | 206,971,524 | 0.87\% |
|  |  | B | 640,154,161 | 2.70\% |
|  |  | CCC-C | 9,930,126 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 49,607,614 | 0.21\% |
|  | Muni | AAA | 1,369,415,617 | 5.77\% |
|  |  | AA | 4,165,289,907 | 17.56\% |
|  |  | A | 844,998,271 | 3.56\% |
|  |  | BBB | 734,866,554 | 3.10\% |
|  |  | Unkn Rtg (Triparty) | 220,032,149 | 0.93\% |
|  | Mutual Fund | AAA | 1,880,775,000 | 7.93\% |
|  |  | Unkn Rtg (Triparty) | 423,824,963 | 1.79\% |
|  | Supranational | AAA | 237,287 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 2,996 | 0.00\% |
|  | Treasury | Treasury | 130,529,274 | 0.55\% |
|  | Dealer Total |  | 23,721,207,745 | 100.00\% |
| Merrill Lynch | ABS | AAA | 345,860,475 | 1.36\% |
|  |  | AA | 115,266,113 | 0.45\% |
|  |  | A | 195,970,295 | 0.77\% |
|  |  | BBB | 130,932,702 | 0.51\% |
|  |  | BB | 202,121,477 | 0.79\% |
|  |  | B | 246,095,841 | 0.97\% |
|  |  | CCC-C | 248,570,477 | 0.98\% |
|  |  | D | 125,531,248 | 0.49\% |
|  |  | Unkn Rtg (Triparty) | 263,173,647 | 1.03\% |
|  | Agency Debt | Agency | 11,143,283 | 0.04\% |
|  | Auction Rate | AAA | 2,912,739,143 | 11.43\% |
|  |  | AA | 145,450,702 | 0.57\% |
|  |  | A | 135,506,933 | 0.53\% |
|  |  | BBB | 122,846,047 | 0.48\% |
|  |  | BB | 29,800,532 | 0.12\% |
|  |  | CCC-C | 28,692,298 | 0.11\% |
|  |  | Unkn Rtg (Triparty) | 255,164,790 | 1.00\% |
|  | CDs-CP-BAs | A-1 | 976 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 140,260,085 | 0.55\% |
|  | CMBS | Unkn Rtg (Triparty) | 100,434,966 | 0.39\% |
|  | Convertible Bonds-Domestic | A | 83,050,390 | 0.33\% |
|  |  | BBB | 44,677,000 | 0.18\% |
|  |  | CCC-C | 64,453,707 | 0.25\% |
|  |  | D | 4,764,732 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 642,270,261 | 2.52\% |
|  | Convertible Bonds-Foreign | BBB | 1,184 | 0.00\% |
|  |  | B | 97 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 82,740,558 | 0.32\% |
|  | Corporates-Domestic | AAA | 79,555,864 | 0.31\% |
|  |  | AA | Page 1ß, 03526318 | 0.04\% |
|  |  | A | 229,846,317 | 0.90\% |
|  |  | BBB | 197,084,709 | 0.77\% |
|  |  | BB | 81,678,905 | 0.32\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Domestic (con't) | Unkn Rtg (Triparty) | 637,046,700 | 2.50\% |
|  | Corporates-Foreign | AAA | 30,399,085 | 0.12\% |
|  |  | AA | 32,625,325 | 0.13\% |
|  |  | A | 160,613,508 | 0.63\% |
|  |  | BBB | 168,775,068 | 0.66\% |
|  |  | BB | 342,744,479 | 1.34\% |
|  |  | B | 52,110,454 | 0.20\% |
|  |  | CCC-C | 28,583,639 | 0.11\% |
|  |  | D | 3,712,853 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 237,062,927 | 0.93\% |
|  | Equity-Domestic | Equity | 6,270,834,011 | 24.60\% |
|  | Equity-Foreign | Equity | 2,307,518,082 | 9.05\% |
|  | Foreign Sovereigns-Domestic | AAA | 716,609 | 0.00\% |
|  |  | AA | 4,623,266 | 0.02\% |
|  |  | A | 39,577,984 | 0.16\% |
|  |  | BBB | 146,861,830 | 0.58\% |
|  |  | BB | 717,232,608 | 2.81\% |
|  |  | B | 173,301,585 | 0.68\% |
|  |  | CCC-C | 5,116,388 | 0.02\% |
|  |  | D | 10,415,500 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 14,328,859 | 0.06\% |
|  | Foreign Sovereigns-Foreign | AAA | 101,415,834 | 0.40\% |
|  |  | A | 103,781,622 | 0.41\% |
|  |  | BBB | 179,717,259 | 0.70\% |
|  |  | BB | 24,670,541 | 0.10\% |
|  |  | B | 62,687,912 | 0.25\% |
|  |  | D | 1,831,174 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 621,489 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 1,881 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 368,243,269 | 1.44\% |
|  |  | AA | 149,785,383 | 0.59\% |
|  |  | A | 105,508,372 | 0.41\% |
|  |  | BBB | 18,106,877 | 0.07\% |
|  |  | BB | 132,132,777 | 0.52\% |
|  |  | B | 249,838,578 | 0.98\% |
|  |  | CCC-C | 6,135,695 | 0.02\% |
|  |  | D | 1,166,035 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 17,952,464 | 0.07\% |
|  | Muni | AAA | 225,405,058 | 0.88\% |
|  |  | AA | 585,526,387 | 2.30\% |
|  |  | A | 460,551,947 | 1.81\% |
|  |  | BBB | 407,005,892 | 1.60\% |
|  |  | BB | 11,346,628 | 0.04\% |
|  |  | B | 1,585,181 | 0.01\% |
|  |  | CCC-C | 1,229,124 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 1,658,773,684 | 6.51\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | Page 1616\$533129 | 0.04\% |
|  | Other | A | 291,055,000 | 1.14\% |
|  |  | BBB | 1,518,884 | 0.01\% |
|  |  | BB | 9,305,952 | 0.04\% |
|  |  | B | 1,573,835 | 0.01\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Other (con't) | CCC-C | 708,549 | 0.00\% |
|  |  | D | 5,294,188 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 137,835,791 | 0.54\% |
|  | Supranational | AAA | 5,192,039 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 26,345 | 0.00\% |
|  | Treasury | Treasury | 297,458,901 | 1.17\% |
|  | Whole Loans | Unkn Rtg (Triparty) | 580,587,074 | 2.28\% |
|  | Dealer Total |  | 25,491,837,571 | 100.00\% |
| Mizuho | Corporates-Domestic | AA | 18,283,650 | 9.90\% |
|  |  | A | 165,092,288 | 89.37\% |
|  |  | BBB | 1,357,329 | 0.73\% |
|  | Dealer Total |  | 184,733,267 | 100.00\% |
| Morgan Stanley | ABS | AAA | 574,609,330 | 3.52\% |
|  |  | AA | 144,154,869 | 0.88\% |
|  |  | A | 200,469,563 | 1.23\% |
|  |  | BBB | 26,928,710 | 0.17\% |
|  |  | BB | 208,877,607 | 1.28\% |
|  |  | B | 94,967,867 | 0.58\% |
|  |  | CCC-C | 248,032,739 | 1.52\% |
|  |  | D | 166,141,834 | 1.02\% |
|  |  | Unkn Rtg (Triparty) | 133,511,708 | 0.82\% |
|  | Agency Debt | Agency | 148,566,494 | 0.91\% |
|  | CDs-CP-BAs | A-1 | 11,813,840 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 4,228,210 | 0.03\% |
|  | CMBS | BBB | 14,500 | 0.00\% |
|  |  | CCC-C | 59,625 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 59,985,802 | 0.37\% |
|  | Convertible Bonds-Domestic | AA | 38,933,125 | 0.24\% |
|  |  | A | 25,237,659 | 0.15\% |
|  |  | BBB | 135,938,658 | 0.83\% |
|  |  | BB | 11,306,287 | 0.07\% |
|  |  | B | 4,727,361 | 0.03\% |
|  |  | CCC-C | 13,964,473 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 208,490,918 | 1.28\% |
|  | Convertible Bonds-Foreign | BB | 6,135,406 | 0.04\% |
|  |  | B | 4,512,871 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 115,168,356 | 0.71\% |
|  | Corporates-Domestic | AAA | 316,390,394 | 1.94\% |
|  |  | AA | 181,715,678 | 1.11\% |
|  |  | A | 160,211,974 | 0.98\% |
|  |  | BBB | 407,779,508 | 2.50\% |
|  |  | BB | 109,351,455 | 0.67\% |
|  |  | B | 81,493,194 | 0.50\% |
|  |  | CCC-C | 32,416,166 | 0.20\% |
|  |  | D | 106,573,736 | 0.65\% |
|  |  | Unkn Rtg (Triparty) | 824,408,400 | 5.05\% |
|  | Corporates-Foreign | AAA | 33,236,874 | 0.20\% |
|  |  | AA | 11,742,263 | 0.07\% |
|  |  | A | Pagegll 8 809363 | 0.58\% |
|  |  | BBB | 46,553,357 | 0.29\% |
|  |  | BB | 158,132,898 | 0.97\% |

## Collateral Composition by Dealer (continued)

## RESTRICTED-FR

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Corporates-Foreign (con't) | B | 27,045,098 | 0.17\% |
|  |  | CCC-C | 14,562,422 | 0.09\% |
|  |  | D | 22,225,681 | 0.14\% |
|  |  | Unkn Rtg (Triparty) | 330,316,795 | 2.03\% |
|  | Equity-Domestic | Equity | 437,730,599 | 2.68\% |
|  | Equity-Foreign | Equity | 2,092,728,599 | 12.83\% |
|  | Foreign Sovereigns-Domestic | A | 1,648,070 | 0.01\% |
|  |  | BBB | 684,367 | 0.00\% |
|  |  | BB | 36,035,166 | 0.22\% |
|  |  | B | 89,939,177 | 0.55\% |
|  |  | CCC-C | 10,166,867 | 0.06\% |
|  |  | D | 11,527,083 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 784 | 0.00\% |
|  | Foreign Sovereigns-Foreign | AA | 1,189,130 | 0.01\% |
|  |  | BBB | 1,008,806 | 0.01\% |
|  |  | BB | 281,527 | 0.00\% |
|  |  | B | 20,554,212 | 0.13\% |
|  |  | Unkn Rtg (Triparty) | 16,674,386 | 0.10\% |
|  | MBS - Agency - CMO | Agency | 387,126,769 | 2.37\% |
|  | MBS - Private (CMO) | AAA | 22,491,988 | 0.14\% |
|  |  | AA | 29,730,885 | 0.18\% |
|  |  | A | 25,467,873 | 0.16\% |
|  |  | BBB | 25,462,189 | 0.16\% |
|  |  | BB | 217,479,872 | 1.33\% |
|  |  | B | 127,390,947 | 0.78\% |
|  |  | CCC-C | 59,457,631 | 0.36\% |
|  |  | D | 1,188,302 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 61,739,071 | 0.38\% |
|  | Muni | AAA | 1,155,669,356 | 7.09\% |
|  |  | AA | 1,064,209,286 | 6.52\% |
|  |  | A | 925,003,929 | 5.67\% |
|  |  | BBB | 328,507,025 | 2.01\% |
|  |  | BB | 20,544,137 | 0.13\% |
|  |  | B | 36,741,415 | 0.23\% |
|  |  | CCC-C | 43,657,809 | 0.27\% |
|  |  | D | 23,100,000 | 0.14\% |
|  |  | Unkn Rtg (Triparty) | 804,629,733 | 4.93\% |
|  | Mutual Fund | AAA | 540,825,000 | 3.32\% |
|  |  | Unkn Rtg (Triparty) | 334,370,223 | 2.05\% |
|  | Supranational | AAA | 157,791,623 | 0.97\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,652,054,814 | 10.13\% |
|  | Dealer Total |  | 16,310,507,289 | 100.00\% |

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## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF collateral report for Tuesday, December 2 

Timothy Geithner, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Tuesday, December 2

- Total PDCF borrowing on Tuesday was $\$ 55.4$ billion, a decrease of $\$ 4.86$ billion.
- All participants' borrowing either decreased or remained steady from Monday to Tuesday. Citigroup reduced borrowing by $\$ 1.68$ billion, the largest decrease among Tuesday's participants.
- Of the $\$ 59.86$ billion of tri-party collateral pledged by all participants, $44 \%$ are investment grade securities, $13.4 \%$ are non-investment grade securities, $24.6 \%$ are equities, and $18.1 \%$ are securities with unknown ratings. Foreign denominated securities account for $12 \%$ of the total PDCF tri-party collateral.
- Citigroup has pledged $\$ 21.91$ billion of tri-party collateral, of which, $46.9 \%$ are investment grade securities, $11.4 \%$ are non-investment grade securities, $26.9 \%$ are equities, and $14.8 \%$ are securities with unknown ratings. Foreign denominated securities account for $7.6 \%$ of the tri-party collateral pledged by Citigroup.


## 国

PDCF Charts and Tables - 20081202.doc
Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Tuesday, December 02, 2008

## Highlights

- Total PDCF borrowing on Tuesday was $\$ 55.4$ billion, a decrease of $\$ 4.86$ billion.
- All participants' borrowing either decreased or remained steady from Monday to Tuesday. Citigroup reduced borrowing by $\$ 1.68$ billion, the largest decrease among Tuesday's participants.
- Of the $\$ 59.86$ billion of tri-party collateral pledged by all participants, $44 \%$ are investment grade securities, $13.4 \%$ are noninvestment grade securities, $24.6 \%$ are equities, and $18.1 \%$ are securities with unknown ratings. Foreign denominated securities account for $12 \%$ of the total PDCF tri-party collateral.
- Citigroup has pledged $\$ 21.91$ billion of tri-party collateral, of which, $46.9 \%$ are investment grade securities, $11.4 \%$ are noninvestment grade securities, $26.9 \%$ are equities, and $14.8 \%$ are securities with unknown ratings. Foreign denominated securities account for $7.6 \%$ of the tri-party collateral pledged by Citigroup.

Overnight Borrowings - in billions

| Dealer | $\mathbf{1 2 / 0 2 / 2 0 0 8}$ | $\mathbf{1 2 / 0 1 / 2 0 0 8}$ | $\mathbf{1 1 / 2 8 / 2 0 0 8}$ | $\mathbf{1 1 / 2 6 / 2 0 0 8}$ | $\mathbf{1 1 / 2 5 / 2 0 0 8}$ |
| :--- | :---: | ---: | ---: | ---: | ---: |
| Bank of America | - | 1.00 | - | - | - |
| Citigroup | 20.32 | 22.00 | 21.30 | 21.43 | 18.69 |
| Goldman Sachs | - | - | - | 1.50 | 1.50 |
| Merrill Lynch | 22.83 | 23.57 | 23.31 | 23.06 | 22.41 |
| Mizuho | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 |
| Morgan Stanley | 12.08 | 13.52 | 12.29 | 11.73 | 10.95 |
| Total Borrowings | $\mathbf{5 5 . 4 0}$ | $\mathbf{6 0 . 2 6}$ | $\mathbf{5 7 . 0 7}$ | $\mathbf{5 7 . 8 9}$ | $\mathbf{5 3 . 7 2}$ |
|  |  |  |  |  |  |
| Total Collateral |  | $\mathbf{6 1 . 5 1}$ | $\mathbf{6 6 . 7 9}$ | $\mathbf{6 3 . 2 7}$ | $\mathbf{6 4 . 1 5}$ |
|  | $\mathbf{5 9 . 6 6}$ |  |  |  |  |
| Collateral Cushion | $\mathbf{1 1 . 0 3 \%}$ | $\mathbf{1 0 . 8 4 \%}$ | $\mathbf{1 0 . 8 6 \%}$ | $\mathbf{1 0 . 8 1 \%}$ | $\mathbf{1 1 . 0 6 \%}$ |

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* Includes additional commercial loans in a Borrower-In-Custody arrangement. Further legal review of swap receivable collateral suggests that the Reserve Bank does not have a claim against swap receivables collateral unless the pledging dealer has explicitly borrowed against this collateral. As such, swap receivables collateral has been removed from the collateral totals in this report.


## PDCF Borrowing Trend



## Composition of Collateral Pledged for December 02 Borrowings - in millions

[^17]| Rating $^{1}$ | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Treasury | 95.3 | 229.4 | - | 1.1 | 325.8 |
| Agency | 310.2 | 11.4 | - | 565.7 | 887.4 |
| AAA | $3,365.5$ | $4,011.1$ | - | $3,208.4$ | $10,585.0$ |
| AA | $4,101.4$ | $1,045.0$ | 18.0 | $1,329.0$ | $6,493.4$ |
| A | $1,381.0$ | $1,670.9$ | 167.5 | $1,145.0$ | $4,364.5$ |
| BBB | $1,020.5$ | $1,560.8$ | 1.4 | 823.0 | $3,405.7$ |
| BB | 597.2 | $1,620.5$ | - | 70.6 | $2,020.2$ |
| B | 926.1 | 907.1 | - | 465.5 | $2,298.6$ |
| CCC-C | 843.3 | 822.3 | - | 438.2 | $2,103.9$ |
| D | 138.5 | 225.1 | - | 304.8 | 668.4 |
| A-1 | - | - | - | 230.5 | 230.5 |
| A-2 | - | - | - | 40.4 | 40.4 |
| A-3 | - | - | - | - | - |
| NP | - | - | - | - | - |
| Equity | $5,882.1$ | $\mathbf{7 , 9 1 2 . 8}$ | - | 933.7 | $14,728.6$ |
| Unkn Rtg (Triparty) | $3,248.7$ | $4,697.8$ | - | $2,861.0$ | $10,807.5$ |
| Unkn Rtg (non-Triparty) | - | - | - | $1,652.1$ | $1,652.1$ |
| Total Collateral | $\mathbf{2 1 , 9 1 0 . 0}$ | $\mathbf{2 4 , 7 1 4 . 2}$ | $\mathbf{1 8 6 . 9}$ | $\mathbf{1 4 , 7 0 0 . 9}$ | $\mathbf{6 1 , 5 1 2 . 0}$ |
| Total Borrowings | $\mathbf{2 0 , 3 2 0 . 0}$ | $\mathbf{2 2 , 8 3 2 . 7}$ | $\mathbf{1 7 4 . 6}$ | $\mathbf{1 2 , 0 7 7 . 6}$ | $\mathbf{5 5 , 4 0 4 . 9}$ |
| Collateral Cushion | $\mathbf{7 . 8 2 \%}$ | $\mathbf{8 . 2 4 \%}$ | $\mathbf{7 . 0 2 \%}$ | $\mathbf{2 1 . 7 2 \%}$ | $\mathbf{1 1 . 0 2 \%}$ |

Collateral Value and Rating Distribution by Dealer


## Distribution of Total Pledged Collateral by Rating



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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $325,780,509$ | $0.53 \%$ |
| Agency | $887,394,366$ | $1.44 \%$ |
| AAA | $10,585,014,277$ | $17.21 \%$ |
| AA | $6,493,433,547$ | $10.56 \%$ |
| A | $4,364,478,705$ | $7.10 \%$ |
| BBB | $3,405,675,134$ | $5.54 \%$ |
| BB | $2,920,240,028$ | $4.75 \%$ |
| B | $2,298,586,159$ | $3.74 \%$ |
| CCC-C | $2,103,850,953$ | $3.42 \%$ |
| D | $668,429,788$ | $1.09 \%$ |
| A-1 | $230,495,666$ | $0.37 \%$ |
| A-2 | $40,409,432$ | $0.07 \%$ |
| Equity | $14,728,602,778$ | $23.94 \%$ |
| Unkn Rtg (Triparty) | $10,807,543,822$ | $17.57 \%$ |
| Unkn Rtg (non-Triparty) | $1,652,054,814$ | $2.69 \%$ |
| Total | $61,511,989,977$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $4,943,968,525$ | $8.04 \%$ |
| Agency Debt | $475,460,395$ | $0.77 \%$ |
| Auction Rate | $3,647,526,884$ | $5.93 \%$ |
| CDs-CP-BAs | $380,425,435$ | $0.62 \%$ |
| CMBS | $171,144,813$ | $0.28 \%$ |
| Convertible Bonds-Domestic | $1,392,830,063$ | $2.26 \%$ |
| Convertible Bonds-Foreign | $586,120,241$ | $0.95 \%$ |
| Corporates-Domestic | $6,488,754,357$ | $10.55 \%$ |
| Corporates-Foreign | $2,172,153,492$ | $3.53 \%$ |
| Equity-Domestic | $10,952,217,053$ | $17.81 \%$ |
| Equity-Foreign | $3,776,385,725$ | $6.14 \%$ |
| Foreign Sovereigns-Domestic | $1,245,550,597$ | $2.02 \%$ |
| Foreign Sovereigns-Foreign | $623,088,563$ | $1.01 \%$ |
| MBS - Agency - CMO | $411,933,971$ | $0.67 \%$ |
| MBS - Private (CMO) | $2,889,460,324$ | $4.70 \%$ |
| Muni | $14,989,121,865$ | $24.37 \%$ |
| Mutual Fund | $3,198,968,498$ | $5.20 \%$ |
| Other | $446,654,505$ | $0.73 \%$ |
| Supranational | $163,934,037$ | $0.27 \%$ |
| Treasury | $325,780,509$ | $0.53 \%$ |
| Whole Loans | $578,455,313$ | $0.94 \%$ |
| Whole Loans - DW | $1,652,054,814$ | $2.69 \%$ |
| Total | $61,511,989,977$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 100,812,171 | 0.46\% |
|  |  | AA | 127,611 | 0.00\% |
|  |  | A | 277,500,555 | 1.27\% |
|  |  | BBB | 78,344,533 | 0.36\% |
|  |  | BB | 221,285,728 | 1.01\% |
|  |  | B | 262,151,798 | 1.20\% |
|  |  | CCC-C | 104,928,125 | 0.48\% |
|  |  | D | 127,631,274 | 0.58\% |
|  |  | Unkn Rtg (Triparty) | 462,120,552 | 2.11\% |
|  | Agency Debt | Agency | 310,016,220 | 1.41\% |
|  | CMBS | Unkn Rtg (Triparty) | 7,679,218 | 0.04\% |
|  | Convertible Bonds-Domestic | A | 13,440,500 | 0.06\% |
|  |  | B | 17,000,000 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 67,702,220 | 0.31\% |
|  | Convertible Bonds-Foreign | A | 19,444,598 | 0.09\% |
|  |  | BBB | 10,339,191 | 0.05\% |
|  |  | BB | 3,143,949 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 357,147,610 | 1.63\% |
|  | Corporates-Domestic | AAA | 27,992,931 | 0.13\% |
|  |  | AA | 29,039,991 | 0.13\% |
|  |  | A | 227,641,989 | 1.04\% |
|  |  | BBB | 82,908,342 | 0.38\% |
|  |  | BB | 183,522,228 | 0.84\% |
|  |  | B | 22,464,688 | 0.10\% |
|  |  | CCC-C | 712,065,417 | 3.25\% |
|  |  | D | 10,843,056 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 1,313,131,324 | 5.99\% |
|  | Corporates-Foreign | BBB | 95,370,939 | 0.44\% |
|  |  | B | 449,176 | 0.00\% |
|  |  | CCC-C | 7,601,136 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 370,445,237 | 1.69\% |
|  | Equity-Domestic | Equity | 5,087,742,183 | 23.22\% |
|  | Equity-Foreign | Equity | 794,343,383 | 3.63\% |
|  | Foreign Sovereigns-Domestic | BBB | 6,416,086 | 0.03\% |
|  | Foreign Sovereigns-Foreign | BBB | 12,209,403 | 0.06\% |
|  | MBS - Agency - CMO | Agency | 231,014 | 0.00\% |
|  | MBS - Private (CMO) | BB | 189,264,375 | 0.86\% |
|  |  | B | 623,986,998 | 2.85\% |
|  |  | CCC-C | 18,744,664 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 40,067,968 | 0.18\% |
|  | Muni | AAA | 1,349,707,624 | 6.16\% |
|  |  | AA | 4,072,260,650 | 18.59\% |
|  |  | A | Page 3 , 0 04,26\% | 3.85\% |
|  |  | BBB | 734,877,215 | 3.35\% |
|  |  | Unkn Rtg (Triparty) | 207,794,182 | 0.95\% |
|  | Mutual Fund | AAA | 1,886,775,000 | 8.61\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch | ABS | AAA | 286,648,411 | 1.16\% |
|  |  | AA | 107,570,108 | 0.44\% |
|  |  | A | 161,994,237 | 0.66\% |
|  |  | BBB | 126,155,252 | 0.51\% |
|  |  | BB | 212,555,505 | 0.86\% |
|  |  | B | 284,736,896 | 1.15\% |
|  |  | CCC-C | 248,798,851 | 1.01\% |
|  |  | D | 128,419,054 | 0.52\% |
|  |  | Unkn Rtg (Triparty) | 265,202,294 | 1.07\% |
|  | Agency Debt | Agency | 11,435,409 | 0.05\% |
|  | Auction Rate | AAA | 2,924,777,026 | 11.83\% |
|  |  | AA | 149,926,710 | 0.61\% |
|  |  | A | 133,953,581 | 0.54\% |
|  |  | BBB | 126,109,346 | 0.51\% |
|  |  | BB | 29,483,955 | 0.12\% |
|  |  | CCC-C | 29,512,156 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 253,764,110 | 1.03\% |
|  | CDs-CP-BAs | A-1 | 976 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 109,223,095 | 0.44\% |
|  | CMBS | Unkn Rtg (Triparty) | 103,934,489 | 0.42\% |
|  | Convertible Bonds-Domestic | A | 17,562,253 | 0.07\% |
|  |  | BBB | 147,173,265 | 0.60\% |
|  |  | BB | 33,373,479 | 0.14\% |
|  |  | B | 3,488,094 | 0.01\% |
|  |  | CCC-C | 58,722,308 | 0.24\% |
|  |  | D | 853,500 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 597,881,333 | 2.42\% |
|  | Convertible Bonds-Foreign | BBB | 1,175 | 0.00\% |
|  |  | B | 97 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 78,424,036 | 0.32\% |
|  | Corporates-Domestic | AAA | 15,258,355 | 0.06\% |
|  |  | AA | 8,593,606 | 0.03\% |
|  |  | A | 223,436,234 | 0.90\% |
|  |  | BBB | 158,910,423 | 0.64\% |
|  |  | BB | 92,922,511 | 0.38\% |
|  |  | B | 90,736,675 | 0.37\% |
|  |  | CCC-C | 448,465,807 | 1.81\% |
|  |  | D | 79,336,985 | 0.32\% |
|  |  | Unkn Rtg (Triparty) | 637,924,060 | 2.58\% |
|  | Corporates-Foreign | AAA | 16,911,721 | 0.07\% |
|  |  | AA | 30,974,745 | 0.13\% |
|  |  | A | 144,830,790 | 0.59\% |
|  |  | BBB | 237,846,262 | 0.96\% |
|  |  | BB | 334,296,085 | 1.35\% |
|  |  | B | Pag 61133219 ¢ 22 | 0.21\% |
|  |  | CCC-C | 25,714,329 | 0.10\% |
|  |  | D | 3,630,287 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 252,142,830 | 1.02\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Foreign Sovereigns-Domestic (con't) | AA | 4,621,021 | 0.02\% |
|  |  | A | 42,525,450 | 0.17\% |
|  |  | BBB | 139,409,891 | 0.56\% |
|  |  | BB | 715,794,363 | 2.90\% |
|  |  | B | 170,990,545 | 0.69\% |
|  |  | CCC-C | 4,233,572 | 0.02\% |
|  |  | D | 9,705,716 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 14,600,734 | 0.06\% |
|  | Foreign Sovereigns-Foreign | AAA | 200,280,828 | 0.81\% |
|  |  | AA | 2,690,477 | 0.01\% |
|  |  | A | 103,565,230 | 0.42\% |
|  |  | BBB | 177,510,767 | 0.72\% |
|  |  | BB | 24,466,743 | 0.10\% |
|  |  | B | 61,548,616 | 0.25\% |
|  |  | D | 1,821,090 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 763,847 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 1,382 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 346,036,181 | 1.40\% |
|  |  | AA | 158,753,958 | 0.64\% |
|  |  | A | 107,373,735 | 0.43\% |
|  |  | BBB | 18,877,606 | 0.08\% |
|  |  | BB | 152,999,251 | 0.62\% |
|  |  | B | 241,122,124 | 0.98\% |
|  |  | CCC-C | 4,889,261 | 0.02\% |
|  |  | D | 1,188,585 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 20,481,572 | 0.08\% |
|  | Muni | AAA | 217,978,640 | 0.88\% |
|  |  | AA | 581,876,543 | 2.35\% |
|  |  | A | 444,617,835 | 1.80\% |
|  |  | BBB | 427,639,882 | 1.73\% |
|  |  | BB | 11,298,890 | 0.05\% |
|  |  | B | 1,446,305 | 0.01\% |
|  |  | CCC-C | 1,229,795 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 1,636,160,365 | 6.62\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 10,222,450 | 0.04\% |
|  | Other | A | 291,055,000 | 1.18\% |
|  |  | BBB | 1,211,892 | 0.00\% |
|  |  | BB | 13,267,370 | 0.05\% |
|  |  | B | 1,599,237 | 0.01\% |
|  |  | CCC-C | 720,490 | 0.00\% |
|  |  | D | 187,587 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 138,612,929 | 0.56\% |
|  | Supranational | AAA | 2,480,476 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 26,840 | 0.00\% |
|  | Treasury | Treasury | 229,374,498 | 0.93\% |
|  | Whole Loans | Unkn Rtg (Triparty) | 578,455,313 | 2.34\% |
|  | Dealer Total | Page | (24214,220,402 | 100.00\% |
| Mizuho | Corporates-Domestic | AA | 17,955,713 | 9.61\% |
|  |  | A | 167,544,345 | 89.66\% |
|  |  | BBB | 1,373,282 | 0.73\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley | ABS | AAA | 430,971,164 | 2.93\% |
|  |  | AA | 27,776,617 | 0.19\% |
|  |  | A | 95,599,096 | 0.65\% |
|  |  | BBB | 24,482,207 | 0.17\% |
|  |  | BB | 220,348,417 | 1.50\% |
|  |  | B | 95,800,036 | 0.65\% |
|  |  | CCC-C | 270,153,329 | 1.84\% |
|  |  | D | 139,740,368 | 0.95\% |
|  |  | Unkn Rtg (Triparty) | 182,114,338 | 1.24\% |
|  | Agency Debt | Agency | 154,008,766 | 1.05\% |
|  | CDs-CP-BAs | A-1 | 230,494,690 | 1.57\% |
|  |  | A-2 | 40,409,432 | 0.27\% |
|  |  | Unkn Rtg (Triparty) | 297,242 | 0.00\% |
|  | CMBS | BBB | 14,750 | 0.00\% |
|  |  | CCC-C | 57,240 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 59,459,116 | 0.40\% |
|  | Convertible Bonds-Domestic | AA | 38,933,125 | 0.26\% |
|  |  | A | 38,006,360 | 0.26\% |
|  |  | BBB | 139,543,409 | 0.95\% |
|  |  | BB | 4,954,978 | 0.03\% |
|  |  | B | 4,702,939 | 0.03\% |
|  |  | CCC-C | 13,838,429 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 195,653,871 | 1.33\% |
|  | Convertible Bonds-Foreign | BBB | 79,709 | 0.00\% |
|  |  | BB | 392,055 | 0.00\% |
|  |  | B | 4,372,034 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 112,775,787 | 0.77\% |
|  | Corporates-Domestic | AAA | 348,257,752 | 2.37\% |
|  |  | AA | 145,803,562 | 0.99\% |
|  |  | A | 64,534,169 | 0.44\% |
|  |  | BBB | 273,115,680 | 1.86\% |
|  |  | BB | 111,595,805 | 0.76\% |
|  |  | B | 79,227,096 | 0.54\% |
|  |  | CCC-C | 30,920,441 | 0.21\% |
|  |  | D | 128,785,697 | 0.88\% |
|  |  | Unkn Rtg (Triparty) | 754,446,196 | 5.13\% |
|  | Corporates-Foreign | AAA | 20,497,941 | 0.14\% |
|  |  | AA | 7,648,011 | 0.05\% |
|  |  | A | 19,095,499 | 0.13\% |
|  |  | BBB | 44,913,769 | 0.31\% |
|  |  | BB | 123,406,065 | 0.84\% |
|  |  | B | 21,184,649 | 0.14\% |
|  |  | CCC-C | 13,399,464 | 0.09\% |
|  |  | D | 22,003,955 | 0.15\% |
|  |  | Unkn Rtg (Triparty) | 328,407,624 | 2.23\% |
|  | Equity-Domestic | Equity | 427,044,162 | 2.90\% |
|  | Equity-Foreign | Equity | 506,679,840 | 3.45\% |
|  | Foreign Sovereigns-Domestic | A | 1,656,396 | 0.01\% |
|  |  | BBB | Page84,420 | 22 0.00\% |
|  |  | BB | 35,980,275 | 0.24\% |
|  |  | B | 75,988,867 | 0.52\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Foreign Sovereigns-Domestic (con't) | CCC-C | 9,655,610 | 0.07\% |
|  |  | D | 12,569,792 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 1,225 | 0.00\% |
|  | Foreign Sovereigns-Foreign | AA | 1,155,706 | 0.01\% |
|  |  | BBB | 989,663 | 0.01\% |
|  |  | BB | 277,502 | 0.00\% |
|  |  | B | 20,352,985 | 0.14\% |
|  |  | Unkn Rtg (Triparty) | 15,455,705 | 0.11\% |
|  | MBS - Agency - CMO | Agency | 411,701,575 | 2.80\% |
|  | MBS - Private (CMO) | AAA | 374,866,641 | 2.55\% |
|  |  | AA | 87,445,125 | 0.59\% |
|  |  | A | 24,334,802 | 0.17\% |
|  |  | BBB | 27,224,752 | 0.19\% |
|  |  | BB | 192,377,742 | 1.31\% |
|  |  | B | 127,239,547 | 0.87\% |
|  |  | CCC-C | 51,517,718 | 0.35\% |
|  |  | D | 1,709,781 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 78,957,941 | 0.54\% |
|  | Muni | AAA | 1,332,696,062 | 9.07\% |
|  |  | AA | 1,020,280,269 | 6.94\% |
|  |  | A | 901,761,793 | 6.13\% |
|  |  | BBB | 311,942,020 | 2.12\% |
|  |  | BB | 13,232,757 | 0.09\% |
|  |  | B | 36,613,782 | 0.25\% |
|  |  | CCC-C | 48,682,812 | 0.33\% |
|  |  | D | 3,059 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 794,017,125 | 5.40\% |
|  | Mutual Fund | AAA | 539,925,000 | 3.67\% |
|  |  | Unkn Rtg (Triparty) | 339,398,876 | 2.31\% |
|  | Supranational | AAA | 161,177,911 | 1.10\% |
|  | Treasury | Treasury | 1,064,353 | 0.01\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,652,054,814 | 11.24\% |
|  | Dealer Total |  | 14,700,941,284 | 100.00\% |

Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF collateral report for Wednesday , December 3 

Timothy Geithner, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 12/04/2008 05:17 PM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Wednesday, December 3

- Total PDCF borrowing increased slightly on Wednesday to a total of $\$ 55.6$ billion. Borrowing by all participants remained roughly steady.
- While Citigroup, Merrill Lynch and Morgan Stanley have provided broadly similar types of collateral, Citigroup and Morgan Stanley have provided a higher proportion of municipal debt securities. In contrast, collateral pledged by Merrill Lynch is more heavily weighted towards equities and auction rate securities. Morgan Stanley continues to maintain roughly $11 \%$ of its total collateral as whole loans pledged through the Discount Window.

国
PDCF Charts and Tables - 20081203.doc
Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Wednesday, December 03, 2008

## Highlights

- Total PDCF borrowing increased slightly on Wednesday to a total of $\$ 55.6$ billion. Borrowing by all participants remained roughly steady.
- While Citigroup, Merrill Lynch and Morgan Stanley have provided broadly similar types of collateral, Citigroup and Morgan Stanley have provided a higher proportion of municipal debt securities. In contrast, collateral pledged by Merrill Lynch is more heavily weighted towards equities and auction rate securities. Morgan Stanley continues to maintain roughly $11 \%$ of its total collateral as whole loans pledged through the Discount Window.

Overnight Borrowings - in billions

| Dealer | $\mathbf{1 2 / 0 3 / 2 0 0 8}$ | $\mathbf{1 2 / 0 2 / 2 0 0 8}$ | $\mathbf{1 2 / 0 1 / 2 0 0 8}$ | $\mathbf{1 1 / 2 8 / 2 0 0 8}$ | $\mathbf{1 1 / 2 6 / 2 0 0 8}$ |
| :--- | :---: | ---: | ---: | ---: | ---: |
| Bank of America | - | - | 1.00 | - | - |
| Citigroup | 20.54 | 20.32 | 22.00 | 21.30 | 21.43 |
| Goldman Sachs | - | - | - | - | 1.50 |
| Merrill Lynch | 22.82 | 22.83 | 23.57 | 23.31 | 23.06 |
| Mizuho | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 |
| Morgan Stanley | 12.09 | 12.08 | 13.52 | 12.29 | 11.73 |
| Total Borrowings | 55.62 | $\mathbf{5 5 . 4 0}$ | $\mathbf{6 0 . 2 6}$ | $\mathbf{5 7 . 0 7}$ | $\mathbf{5 7 . 8 9}$ |
|  |  |  |  |  |  |
| Total Collateral ${ }^{*}$ | $\mathbf{6 1 . 7 1}$ | $\mathbf{6 1 . 5 1}$ | $\mathbf{6 6 . 7 9}$ | $\mathbf{6 3 . 2 7}$ | $\mathbf{6 4 . 1 5}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 0 . 9 5 \%}$ | $\mathbf{1 1 . 0 3 \%}$ | $\mathbf{1 0 . 8 4 \%}$ | $\mathbf{1 0 . 8 6 \%}$ | $\mathbf{1 0 . 8 1 \%}$ |

* Includes additional commercial loans in a Borrower-In-Custody arrangement. Further legal review of swap receivable collateral suggests that the Reserve Bank does not have a claim against swap receivables collateral unless the pledging dealer has explicitly borrowed against this collateral. As such, swap receivables collateral has been removed from the collateral totals in this report.


## RESTRICTED-FR

PDCF Borrowing Trend


## Composition of Collateral Pledged for December 03 Borrowings - in millions

[^18]| Rating $^{1}$ | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley $^{2}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Treasury | 162.9 | 492.8 | - | 0.3 | 655.9 |
| Agency | 308.7 | 11.5 | - | 657.5 | 977.7 |
| AAA | $3,248.2$ | $3,782.2$ | - | $3,287.5$ | $10,318.0$ |
| AA | $3,999.8$ | $1,049.4$ | 17.3 | $1,357.9$ | $6,424.5$ |
| A | $1,512.8$ | $1,592.5$ | 167.0 | $1,266.5$ | $4,538.8$ |
| BBB | $1,095.2$ | $1,252.8$ | 1.4 | $1,089.8$ | $3,439.2$ |
| BB | 894.3 | $1,337.1$ | - | 668.4 | $2,899.9$ |
| B | 932.9 | 974.0 | - | 489.5 | $2,396.4$ |
| CCC-C | 845.4 | 874.6 | - | 384.0 | $2,104.1$ |
| D | 132.5 | 225.5 | - | 285.7 | 643.7 |
| A-1 | - | - | - | - | - |
| A-2 | - | - | - | - | - |
| A-3 | - | - | - | - | - |
| NP | - | - | - | - | - |
| Equity | $5,704.8$ | $8,267.8$ | - | 974.2 | $14,946.8$ |
| Unkn Rtg (Triparty) | $3,300.4$ | $\mathbf{4 , 8 1 6 . 4}$ | - | $2,594.4$ | $10,711.1$ |
| Unkn Rtg (non-Triparty) | - | - | - | $\mathbf{1 , 6 5 2 . 1}$ | $1,652.1$ |
| Total Collateral | $\mathbf{2 2 , 1 3 7 . 9}$ | $\mathbf{2 4 , 6 7 6 . 8}$ | $\mathbf{1 8 5 . 7}$ | $\mathbf{1 4 , 7 0 7 . 8}$ | $\mathbf{6 1 , 7 0 8 . 1}$ |
| Total Borrowings | $\mathbf{2 0 , 5 3 9 . 0}$ | $\mathbf{2 2 , 8 1 5 . 4}$ | $\mathbf{1 7 3 . 5}$ | $\mathbf{1 2 , 0 9 1 . 6}$ | $\mathbf{5 5 , 6 1 9 . 5}$ |
| Collateral Cushion | $\mathbf{7 . 7 8 \%}$ | $\mathbf{8 . 1 6 \%}$ | $\mathbf{7 . 0 3 \%}$ | $\mathbf{2 1 . 6 4 \%}$ | $\mathbf{1 0 . 9 5 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $655,942,828$ | $1.06 \%$ |
| Agency | $977,694,524$ | $1.58 \%$ |
| AAA | $10,317,982,200$ | $16.72 \%$ |
| AA | $6,424,491,208$ | $10.41 \%$ |
| A | $4,538,788,174$ | $7.36 \%$ |
| BBB | $3,439,179,018$ | $5.57 \%$ |
| BB | $2,899,855,893$ | $4.70 \%$ |
| B | $2,396,440,653$ | $3.88 \%$ |
| CCC-C | $2,104,090,656$ | $3.41 \%$ |
| D | $643,685,979$ | $1.04 \%$ |
| Equity | $14,946,796,605$ | $24.22 \%$ |
| Unkn Rtg (Triparty) | $10,711,095,361$ | $17.36 \%$ |
| Unkn Rtg (non-Triparty) | $1,652,054,814$ | $2.68 \%$ |
| Total | $61,708,097,911$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $5,003,920,109$ | $8.11 \%$ |
| Agency Debt | $588,430,553$ | $0.95 \%$ |
| Auction Rate | $3,656,527,181$ | $5.93 \%$ |
| CDs-CP-BAs | $128,789,270$ | $0.21 \%$ |
| CMBS | $210,995,474$ | $0.34 \%$ |
| Convertible Bonds-Domestic | $1,363,968,224$ | $2.21 \%$ |
| Convertible Bonds-Foreign | $593,709,415$ | $0.96 \%$ |
| Corporates-Domestic | $7,032,566,623$ | $11.40 \%$ |
| Corporates-Foreign | $2,124,851,897$ | $3.44 \%$ |
| Equity-Domestic | $11,141,313,136$ | $18.05 \%$ |
| Equity-Foreign | $3,805,483,469$ | $6.17 \%$ |
| Foreign Sovereigns-Domestic | $1,005,957,663$ | $1.63 \%$ |
| Foreign Sovereigns-Foreign | $313,784,920$ | $0.51 \%$ |
| MBS - Agency - CMO | $389,263,971$ | $0.63 \%$ |
| MBS - Private (CMO) | $3,000,988,007$ | $4.86 \%$ |
| Muni | $14,558,276,392$ | $23.59 \%$ |
| Mutual Fund | $3,175,126,766$ | $5.15 \%$ |
| Other | $559,464,364$ | $0.91 \%$ |
| Supranational | $167,029,696$ | $0.27 \%$ |
| Treasury | $655,942,828$ | $1.06 \%$ |
| Whole Loans | $579,653,141$ | $0.94 \%$ |
| Whole Loans - DW | $1,652,054,814$ | $2.68 \%$ |
| Total | $61,708,097,911$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 83,769,563 | 0.38\% |
|  |  | AA | 127,611 | 0.00\% |
|  |  | A | 279,367,243 | 1.26\% |
|  |  | BBB | 125,311,319 | 0.57\% |
|  |  | BB | 258,187,647 | 1.17\% |
|  |  | B | 270,343,250 | 1.22\% |
|  |  | CCC-C | 109,471,245 | 0.49\% |
|  |  | D | 115,950,819 | 0.52\% |
|  |  | Unkn Rtg (Triparty) | 462,195,457 | 2.09\% |
|  | Agency Debt | Agency | 308,723,317 | 1.39\% |
|  | CMBS | Unkn Rtg (Triparty) | 9,298,310 | 0.04\% |
|  | Convertible Bonds-Domestic | A | 13,376,521 | 0.06\% |
|  |  | B | 17,000,000 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 91,176,910 | 0.41\% |
|  | Convertible Bonds-Foreign | A | 18,420,436 | 0.08\% |
|  |  | BB | 1,565,876 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 389,450,854 | 1.76\% |
|  | Corporates-Domestic | AAA | 13,309,858 | 0.06\% |
|  |  | AA | 29,046,973 | 0.13\% |
|  |  | A | 393,673,838 | 1.78\% |
|  |  | BBB | 172,175,639 | 0.78\% |
|  |  | BB | 445,484,663 | 2.01\% |
|  |  | B | 22,499,079 | 0.10\% |
|  |  | CCC-C | 706,244,014 | 3.19\% |
|  |  | D | 16,571,072 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 1,253,742,140 | 5.66\% |
|  | Corporates-Foreign | A | 990,898 | 0.00\% |
|  |  | BBB | 49,933,788 | 0.23\% |
|  |  | BB | 5,609,817 | 0.03\% |
|  |  | B | 603,967 | 0.00\% |
|  |  | CCC-C | 10,906,080 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 384,363,107 | 1.74\% |
|  | Equity-Domestic | Equity | 4,939,454,795 | 22.31\% |
|  | Equity-Foreign | Equity | 765,333,002 | 3.46\% |
|  | Foreign Sovereigns-Domestic | BBB | 6,356,944 | 0.03\% |
|  | Foreign Sovereigns-Foreign | BBB | 12,244,475 | 0.06\% |
|  | MBS - Private (CMO) | AAA | 2,810,685 | 0.01\% |
|  |  | BBB | 3,701,675 | 0.02\% |
|  |  | BB | 183,474,828 | 0.83\% |
|  |  | B | 622,449,752 | 2.81\% |
|  |  | CCC-C | 18,783,447 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 115,380,053 | 0.52\% |
|  | Muni | AAA | Pagos8,489,9\%7 | 5.69\% |
|  |  | AA | 3,970,594,396 | 17.94\% |
|  |  | A | 806,968,972 | 3.65\% |
|  |  | BBB | 725,475,398 | 3.28\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Treasury | Treasury | 162,877,889 | 0.74\% |
|  | Dealer Total |  | 22,137,861,070 | 100.00\% |
| Merrill Lynch | ABS | AAA | 291,414,723 | 1.18\% |
|  |  | AA | 107,099,663 | 0.43\% |
|  |  | A | 155,186,371 | 0.63\% |
|  |  | BBB | 115,311,418 | 0.47\% |
|  |  | BB | 197,597,663 | 0.80\% |
|  |  | B | 266,744,029 | 1.08\% |
|  |  | CCC-C | 272,758,024 | 1.11\% |
|  |  | D | 128,571,561 | 0.52\% |
|  |  | Unkn Rtg (Triparty) | 278,638,606 | 1.13\% |
|  | Agency Debt | Agency | 11,456,479 | 0.05\% |
|  | Auction Rate | AAA | 2,932,840,963 | 11.89\% |
|  |  | AA | 149,941,017 | 0.61\% |
|  |  | A | 133,147,244 | 0.54\% |
|  |  | BBB | 126,119,726 | 0.51\% |
|  |  | BB | 29,482,943 | 0.12\% |
|  |  | CCC-C | 29,511,257 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 255,484,033 | 1.04\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 126,106,360 | 0.51\% |
|  | CMBS | Unkn Rtg (Triparty) | 108,576,941 | 0.44\% |
|  | Convertible Bonds-Domestic | A | 17,478,654 | 0.07\% |
|  |  | BB | 11,715,405 | 0.05\% |
|  |  | B | 91,353,890 | 0.37\% |
|  |  | CCC-C | 61,992,492 | 0.25\% |
|  |  | D | 3,394,127 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 623,621,175 | 2.53\% |
|  | Convertible Bonds-Foreign | BBB | 1,190 | 0.00\% |
|  |  | B | 98 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 68,791,987 | 0.28\% |
|  | Corporates-Domestic | AAA | 15,331,791 | 0.06\% |
|  |  | AA | 8,593,824 | 0.03\% |
|  |  | A | 222,740,547 | 0.90\% |
|  |  | BBB | 93,729,820 | 0.38\% |
|  |  | BB | 69,073,508 | 0.28\% |
|  |  | B | 90,624,024 | 0.37\% |
|  |  | CCC-C | 471,955,543 | 1.91\% |
|  |  | D | 76,156,078 | 0.31\% |
|  |  | Unkn Rtg (Triparty) | 680,824,232 | 2.76\% |
|  | Corporates-Foreign | AAA | 16,423,859 | 0.07\% |
|  |  | AA | 31,314,449 | 0.13\% |
|  |  | A | 146,735,145 | 0.59\% |
|  |  | BBB | 169,189,501 | 0.69\% |
|  |  | BB | 343,795,301 | 1.39\% |
|  |  | B | Page 130950,688 | 0.21\% |
|  |  | CCC-C | 25,483,523 | 0.10\% |
|  |  | D | 3,676,260 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 261,772,838 | 1.06\% |
|  | Fauity_Domoctic | Fauity | 5690703868 | $2310 \%$ |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Foreign Sovereigns-Domestic (con't) | AA | 4,613,424 | 0.02\% |
|  |  | A | 43,402,640 | 0.18\% |
|  |  | BBB | 138,052,055 | 0.56\% |
|  |  | BB | 487,435,292 | 1.98\% |
|  |  | B | 167,801,980 | 0.68\% |
|  |  | CCC-C | 4,235,644 | 0.02\% |
|  |  | D | 10,496,932 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 4,271,632 | 0.02\% |
|  | Foreign Sovereigns-Foreign | AAA | 1,545,331 | 0.01\% |
|  |  | A | 18,628,736 | 0.08\% |
|  |  | BBB | 161,739,090 | 0.66\% |
|  |  | BB | 29,395,656 | 0.12\% |
|  |  | B | 63,653,218 | 0.26\% |
|  |  | D | 1,823,052 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 1,371,044 | 0.01\% |
|  | MBS - Agency - CMO | Agency | 1,031 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 340,763,426 | 1.38\% |
|  |  | AA | 159,417,420 | 0.65\% |
|  |  | A | 107,931,709 | 0.44\% |
|  |  | BBB | 18,928,814 | 0.08\% |
|  |  | BB | 148,565,937 | 0.60\% |
|  |  | B | 239,436,961 | 0.97\% |
|  |  | CCC-C | 7,294,769 | 0.03\% |
|  |  | D | 1,189,146 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 15,562,139 | 0.06\% |
|  | Muni | AAA | 180,711,180 | 0.73\% |
|  |  | AA | 588,458,953 | 2.38\% |
|  |  | A | 444,152,276 | 1.80\% |
|  |  | BBB | 428,034,464 | 1.73\% |
|  |  | BB | 11,366,499 | 0.05\% |
|  |  | B | 1,525,473 | 0.01\% |
|  |  | CCC-C | 1,227,943 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 1,557,499,594 | 6.31\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 10,428,282 | 0.04\% |
|  | Other | A | 303,140,000 | 1.23\% |
|  |  | BBB | 1,712,963 | 0.01\% |
|  |  | BB | 8,655,336 | 0.04\% |
|  |  | B | 1,832,129 | 0.01\% |
|  |  | CCC-C | 188,734 | 0.00\% |
|  |  | D | 188,734 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 243,746,468 | 0.99\% |
|  | Supranational | AAA | 2,483,878 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 26,933 | 0.00\% |
|  | Treasury | Treasury | 492,811,965 | 2.00\% |
|  | Whole Loans | Unkn Rtg (Triparty) | 579,653,141 | 2.35\% |
|  | Dealer Total |  | 24,676,775,512 | 100.00\% |
| Mizuho | Corporates-Domestic | AA Page | f $2217,334,274$ | 9.34\% |
|  |  | A | 166,955,291 | 89.92\% |
|  |  | BBB | 1,376,773 | 0.74\% |
|  | Dealer Total |  | 185,666,339 | 100.00\% |
| Morgan Stanley | ABS | AAA | 540,964,396 | 3.68\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | ABS (con't) | AA | 134,933,645 | 0.92\% |
|  |  | A | 48,867,088 | 0.33\% |
|  |  | BBB | 27,938,503 | 0.19\% |
|  |  | BB | 177,203,413 | 1.20\% |
|  |  | B | 95,554,638 | 0.65\% |
|  |  | CCC-C | 220,397,168 | 1.50\% |
|  |  | D | 141,037,656 | 0.96\% |
|  |  | Unkn Rtg (Triparty) | 98,977,391 | 0.67\% |
|  | Agency Debt | Agency | 268,250,757 | 1.82\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 2,682,910 | 0.02\% |
|  | CMBS | BBB | 14,800 | 0.00\% |
|  |  | CCC-C | 59,267 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 93,046,156 | 0.63\% |
|  | Convertible Bonds-Domestic | AA | 38,933,125 | 0.26\% |
|  |  | A | 37,849,781 | 0.26\% |
|  |  | BBB | 143,761,693 | 0.98\% |
|  |  | BB | 4,724,107 | 0.03\% |
|  |  | B | 4,630,955 | 0.03\% |
|  |  | CCC-C | 13,501,768 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 189,457,623 | 1.29\% |
|  | Convertible Bonds-Foreign | BB | 391,999 | 0.00\% |
|  |  | B | 4,399,914 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 110,687,061 | 0.75\% |
|  | Corporates-Domestic | AAA | 158,229,505 | 1.08\% |
|  |  | AA | 152,252,145 | 1.04\% |
|  |  | A | 181,912,011 | 1.24\% |
|  |  | BBB | 488,071,882 | 3.32\% |
|  |  | BB | 111,429,783 | 0.76\% |
|  |  | B | 76,221,522 | 0.52\% |
|  |  | CCC-C | 30,368,546 | 0.21\% |
|  |  | D | 119,783,477 | 0.81\% |
|  |  | Unkn Rtg (Triparty) | 746,854,772 | 5.08\% |
|  | Corporates-Foreign | AAA | 20,680,623 | 0.14\% |
|  |  | AA | 7,756,194 | 0.05\% |
|  |  | A | 19,882,580 | 0.14\% |
|  |  | BBB | 44,864,208 | 0.31\% |
|  |  | BB | 153,383,962 | 1.04\% |
|  |  | B | 21,375,750 | 0.15\% |
|  |  | CCC-C | 12,704,247 | 0.09\% |
|  |  | D | 10,616,791 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 331,738,322 | 2.26\% |
|  | Equity-Domestic | Equity | 502,154,473 | 3.41\% |
|  | Equity-Foreign | Equity | 472,006,465 | 3.21\% |
|  | Foreign Sovereigns-Domestic | A | 1,632,722 | 0.01\% |
|  |  | BBB | 678,266 | 0.00\% |
|  |  | BB | 36,014,846 | 0.24\% |
|  |  | B | 77,840,025 | 0.53\% |
|  |  | CCC-C | 9,826,051 | 0.07\% |
|  |  | D | Page 1920d81250 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 1,307 | 0.00\% |
|  | Foreign Sovereigns-Foreign | AA | 1,173,617 | 0.01\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Foreign Sovereigns-Foreign (con't) | BBB | 1,000,842 | 0.01\% |
|  |  | BB | 276,996 | 0.00\% |
|  |  | B | 20,658,289 | 0.14\% |
|  |  | Unkn Rtg (Triparty) | 274,574 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 389,262,939 | 2.65\% |
|  | MBS - Private (CMO) | AAA | 537,134,457 | 3.65\% |
|  |  | AA | 27,426,226 | 0.19\% |
|  |  | A | 17,858,495 | 0.12\% |
|  |  | BBB | 28,895,528 | 0.20\% |
|  |  | BB | 171,917,132 | 1.17\% |
|  |  | B | 149,499,949 | 1.02\% |
|  |  | CCC-C | 42,798,106 | 0.29\% |
|  |  | D | 1,645,957 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 38,121,397 | 0.26\% |
|  | Muni | AAA | 1,322,720,455 | 8.99\% |
|  |  | AA | 995,474,253 | 6.77\% |
|  |  | A | 958,488,977 | 6.52\% |
|  |  | BBB | 354,558,245 | 2.41\% |
|  |  | BB | 13,107,287 | 0.09\% |
|  |  | B | 39,341,075 | 0.27\% |
|  |  | CCC-C | 54,382,788 | 0.37\% |
|  |  | D | 3,067 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 641,089,174 | 4.36\% |
|  | Mutual Fund | AAA | 543,550,000 | 3.70\% |
|  |  | Unkn Rtg (Triparty) | 341,432,224 | 2.32\% |
|  | Supranational | AAA | 164,267,620 | 1.12\% |
|  | Treasury | Treasury | 252,974 | 0.00\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,652,054,814 | 11.23\% |
|  | Dealer Total |  | 14,707,794,990 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF Collateral Report for Thursday , December 4
Timothy Geithner, Thomas Baxter, Terrence Checki,
Michal Lementowski to: William Rutledge, Christine Cumming, Susan 12/05/2008 10:49 AM McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Thursday, December 4

- Total PDCF borrowing decreased slightly on Thursday to a total of $\$ 54.51$ billion.
- Citigroup led the decline as the firm decreased borrowing by $\$ 1.38$ billion to $\$ 19.16$ billion.
- Merrill Lynch and Morgan Stanley both increased borrowing modestly. Merrill, the largest participant in the program, increased borrowing by $\$ 0.1$ billion to $\$ 22.92$ billion. Morgan's borrowing rose by $\$ 0.17$ billion to $\$ 12.26$ billion.
- The composition of the all PDCF collateral primarily consists of equities (24.9\%), municipal debt ( $23.8 \%$ ), and corporate debt (13.4\%). Foreign denominated securities account for $11.7 \%$ of total PDCF collateral.

```
            #
PDCF Charts and Tables - 20081204.doc
Michal Lementowski
Markets Group
Federal Reserve Bank of New York
Phone: 212-720-6618
```


## Primary Dealer Credit Facility Collateral Report

For Thursday, December 04, 2008

## Highlights

- Total PDCF borrowing decreased slightly on Thursday to a total of $\$ 54.51$ billion.
- Citigroup led the decline as the firm decreased borrowing by $\$ 1.38$ billion to $\$ 19.16$ billion.
- Merrill Lynch and Morgan Stanley both increased borrowing modestly. Merrill, the largest participant in the program, increased borrowing by $\$ 0.1$ billion to $\$ 22.92$ billion. Morgan's borrowing rose by $\$ 0.17$ billion to $\$ 12.26$ billion.
- The composition of the all PDCF collateral primarily consists of equities ( $24.9 \%$ ), municipal debt ( $23.8 \%$ ), and corporate debt (13.4\%). Foreign denominated securities account for $11.7 \%$ of total PDCF collateral.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{1 2 / 0 4 / 2 0 0 8}$ | $\mathbf{1 2 / 0 3 / 2 0 0 8}$ | $\mathbf{1 2 / 0 2 / 2 0 0 8}$ | $\mathbf{1 2 / 0 1 / 2 0 0 8}$ | $\mathbf{1 1 / 2 8 / 2 0 0 8}$ |
| :--- | :---: | ---: | ---: | ---: | ---: |
| Bank of America | - | - | - | 1.00 | - |
| Citigroup | 19.16 | 20.54 | 20.32 | 22.00 | 21.30 |
| Merrill Lynch | 22.92 | 22.82 | 22.83 | 23.57 | 23.31 |
| Mizuho | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 |
| Morgan Stanley | 12.26 | 12.09 | 12.08 | 13.52 | 12.29 |
| Total Borrowings | $\mathbf{5 4 . 5 1}$ | $\mathbf{5 5 . 6 2}$ | $\mathbf{5 5 . 4 0}$ | $\mathbf{6 0 . 2 6}$ | $\mathbf{5 7 . 0 7}$ |
|  |  |  |  |  |  |
| Total Collateral |  | $\mathbf{6 0 . 5 6}$ | $\mathbf{6 1 . 7 1}$ | $\mathbf{6 1 . 5 1}$ | $\mathbf{6 6 . 7 9}$ |
|  |  |  |  | $\mathbf{6 3 . 2 7}$ |  |
| Collateral Cushion | $\mathbf{1 1 . 1 0 \%}$ | $\mathbf{1 0 . 9 5 \%}$ | $\mathbf{1 1 . 0 3 \%}$ | $\mathbf{1 0 . 8 4 \%}$ | $\mathbf{1 0 . 8 6 \%}$ |

[^19]
## RESTRICTED-FR

PDCF Borrowing Trend


## Composition of Collateral Pledged for December 04 Borrowings - in millions

[^20]| Rating $^{1}$ | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley $^{2}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Treasury | 102.4 | 22.6 | - | 1.1 | 126.1 |
| Agency | 301.3 | 53.9 | - | 701.9 | $1,057.2$ |
| AAA | $3,125.3$ | $3,994.0$ | - | $2,704.3$ | $9,823.6$ |
| AA | $3,895.8$ | $1,009.3$ | 21.7 | $1,513.2$ | $6,439.9$ |
| A | $1,319.0$ | $1,651.4$ | 162.7 | $1,361.3$ | $4,494.5$ |
| BBB | $1,099.1$ | $1,340.7$ | 1.4 | 960.9 | $3,402.1$ |
| BB | 552.0 | $1,418.4$ | - | 756.1 | $2,726.5$ |
| B | 869.4 | 898.4 | - | 510.8 | $2,278.6$ |
| CCC-C | 839.8 | 842.4 | - | 406.5 | $2,088.7$ |
| D | 135.1 | 225.1 | - | 263.9 | 624.1 |
| A-1 | - | - | - | 102.7 | 102.7 |
| A-2 | - | - | - | 38.7 | 38.7 |
| A-3 | - | - | - | - | - |
| NP | - | - | - | - | - |
| Equity | $5,142.4$ | $8,771.6$ | - | $1,141.1$ | $15,055.2$ |
| Unkn Rtg (Triparty) | $3,274.5$ | $\mathbf{4 , 5 9 2 . 1}$ | - | $2,784.1$ | $10,650.6$ |
| Unkn Rtg (non-Triparty) | - | - | - | $\mathbf{1 , 6 5 2 . 1}$ | $1,652.1$ |
| Total Collateral | $\mathbf{2 0 , 6 5 6 . 2}$ | $\mathbf{2 4 , 8 2 0 . 0}$ | $\mathbf{1 8 5 . 8}$ | $\mathbf{1 4 , 8 9 8 . 6}$ | $\mathbf{6 0 , 5 6 0 . 6}$ |
| Total Borrowings | $\mathbf{1 9 , 1 6 0 . 0}$ | $\mathbf{2 2 , 9 2 2 . 7}$ | $\mathbf{1 7 3 . 7}$ | $\mathbf{1 2 , 2 5 8 . 2}$ | $\mathbf{5 4 , 5 1 4 . 5}$ |
| Collateral Cushion | $\mathbf{7 . 8 1 \%}$ | $\mathbf{8 . 2 8 \%}$ | $\mathbf{7 . 0 0 \%}$ | $\mathbf{2 1 . 5 4 \%}$ | $\mathbf{1 1 . 0 9 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $126,059,461$ | $0.21 \%$ |
| Agency | $1,057,209,228$ | $1.75 \%$ |
| AAA | $9,823,617,549$ | $16.22 \%$ |
| AA | $6,439,946,834$ | $10.63 \%$ |
| A | $4,494,505,528$ | $7.42 \%$ |
| BBB | $3,402,123,335$ | $5.62 \%$ |
| BB | $2,726,510,674$ | $4.50 \%$ |
| B | $2,278,606,190$ | $3.76 \%$ |
| CCC-C | $624,115,035$ | $3.45 \%$ |
| D | $102,725,159$ | $1.03 \%$ |
| A-1 | $38,672,735$ | $0.17 \%$ |
| A-2 | $15,055,150,029$ | $24.86 \%$ |
| Equity | $10,650,633,127$ | $17.59 \%$ |
| Unkn Rtg (Triparty) | $1,652,054,814$ | $2.73 \%$ |
| Unkn Rtg (non-Triparty) | $60,560,641,305$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $5,459,477,197$ | $9.01 \%$ |
| Agency Debt | $602,644,668$ | $1.00 \%$ |
| Auction Rate | $3,650,428,066$ | $6.03 \%$ |
| CDs-CP-BAs | $298,915,792$ | $0.49 \%$ |
| CMBS | $208,063,890$ | $0.34 \%$ |
| Convertible Bonds-Domestic | $1,224,321,902$ | $2.02 \%$ |
| Convertible Bonds-Foreign | $660,032,982$ | $1.09 \%$ |
| Corporates-Domestic | $6,321,837,165$ | $10.44 \%$ |
| Corporates-Foreign | $1,997,020,962$ | $3.30 \%$ |
| Equity-Domestic | $11,258,787,902$ | $18.59 \%$ |
| Equity-Foreign | $3,796,362,127$ | $6.27 \%$ |
| Foreign Sovereigns-Domestic | $1,136,302,498$ | $1.88 \%$ |
| Foreign Sovereigns-Foreign | $645,694,484$ | $1.07 \%$ |
| MBS - Agency - CMO | $444,913,400$ | $0.73 \%$ |
| MBS - Agency - Pass Through | $9,651,160$ | $0.02 \%$ |
| MBS - Private (CMO) | $2,400,279,379$ | $3.96 \%$ |
| Muni | $14,389,616,861$ | $23.76 \%$ |
| Mutual Fund | $3,015,773,274$ | $4.98 \%$ |
| Other | $560,161,823$ | $0.92 \%$ |
| Supranational | $121,086,504$ | $0.20 \%$ |
| Treasury | $126,059,461$ | $0.21 \%$ |
| Whole Loans | $581,154,997$ | $0.96 \%$ |
| Whole Loans - DW | $1,652,054,814$ | $2.73 \%$ |
| Total | $60,560,641,305$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 93,880,794 | 0.45\% |
|  |  | AA | 127,611 | 0.00\% |
|  |  | A | 283,279,432 | 1.37\% |
|  |  | BBB | 153,897,155 | 0.75\% |
|  |  | BB | 240,798,049 | 1.17\% |
|  |  | B | 272,115,825 | 1.32\% |
|  |  | CCC-C | 113,055,455 | 0.55\% |
|  |  | D | 116,190,979 | 0.56\% |
|  |  | Unkn Rtg (Triparty) | 462,062,934 | 2.24\% |
|  | Agency Debt | Agency | 301,348,681 | 1.46\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 80,816,930 | 0.39\% |
|  | CMBS | Unkn Rtg (Triparty) | 8,645,533 | 0.04\% |
|  | Convertible Bonds-Domestic | A | 13,395,042 | 0.06\% |
|  |  | B | 17,000,000 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 47,124,109 | 0.23\% |
|  | Convertible Bonds-Foreign | A | 19,053,386 | 0.09\% |
|  |  | BB | 1,570,267 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 455,189,598 | 2.20\% |
|  | Corporates-Domestic | AAA | 13,309,870 | 0.06\% |
|  |  | AA | 29,053,956 | 0.14\% |
|  |  | A | 202,470,059 | 0.98\% |
|  |  | BBB | 152,600,673 | 0.74\% |
|  |  | BB | 133,829,310 | 0.65\% |
|  |  | B | 23,287,358 | 0.11\% |
|  |  | CCC-C | 708,532,099 | 3.43\% |
|  |  | D | 18,862,590 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 1,257,644,044 | 6.09\% |
|  | Corporates-Foreign | BBB | 52,648,007 | 0.25\% |
|  |  | BB | 5,583,873 | 0.03\% |
|  |  | B | 485,474 | 0.00\% |
|  |  | CCC-C | 10,571,924 | 0.05\% |
|  |  | D | 52,187 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 383,642,469 | 1.86\% |
|  | Equity-Domestic | Equity | 4,575,214,125 | 22.15\% |
|  | Equity-Foreign | Equity | 567,213,242 | 2.75\% |
|  | Foreign Sovereigns-Domestic | BBB | 6,344,374 | 0.03\% |
|  |  | CCC-C | 51 | 0.00\% |
|  | Foreign Sovereigns-Foreign | BBB | 12,281,188 | 0.06\% |
|  | MBS - Private (CMO) | AAA | 2,805,615 | 0.01\% |
|  |  | BBB | 3,828,856 | 0.02\% |
|  |  | BB | 170,206,289 | 0.82\% |
|  |  | B | 556,475,348 | 2.69\% |
|  |  | CCC-C | Page $\overline{7}, 650,240$ | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 40,242,627 | 0.19\% |
|  | Muni | AAA | 1,235,812,701 | 5.98\% |
|  |  | AA | 3,866,650,026 | 18.72\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Supranational | AAA | 245,263 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 2,996 | 0.00\% |
|  | Treasury | Treasury | 102,353,852 | 0.50\% |
|  | Dealer Total |  | 20,656,220,204 | 100.00\% |
| Merrill Lynch | ABS | AAA | 274,826,127 | 1.11\% |
|  |  | AA | 80,647,525 | 0.32\% |
|  |  | A | 154,345,004 | 0.62\% |
|  |  | BBB | 115,690,629 | 0.47\% |
|  |  | BB | 197,254,814 | 0.79\% |
|  |  | B | 266,529,685 | 1.07\% |
|  |  | CCC-C | 272,176,526 | 1.10\% |
|  |  | D | 128,731,120 | 0.52\% |
|  |  | Unkn Rtg (Triparty) | 277,823,387 | 1.12\% |
|  | Agency Debt | Agency | 11,349,216 | 0.05\% |
|  | Auction Rate | AAA | 2,933,140,977 | 11.82\% |
|  |  | AA | 149,941,258 | 0.60\% |
|  |  | A | 130,264,498 | 0.52\% |
|  |  | BBB | 126,027,469 | 0.51\% |
|  |  | BB | 29,947,230 | 0.12\% |
|  |  | CCC-C | 29,511,022 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 251,595,613 | 1.01\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 74,819,838 | 0.30\% |
|  | CMBS | Unkn Rtg (Triparty) | 107,363,732 | 0.43\% |
|  | Convertible Bonds-Domestic | A | 17,502,854 | 0.07\% |
|  |  | BBB | 63,477,958 | 0.26\% |
|  |  | BB | 52,143,317 | 0.21\% |
|  |  | B | 14,979,598 | 0.06\% |
|  |  | CCC-C | 62,851,778 | 0.25\% |
|  |  | D | 3,394,895 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 493,341,385 | 1.99\% |
|  | Convertible Bonds-Foreign | BBB | 1,846 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 69,818,017 | 0.28\% |
|  | Corporates-Domestic | AAA | 15,471,742 | 0.06\% |
|  |  | AA | 8,597,821 | 0.03\% |
|  |  | A | 222,504,280 | 0.90\% |
|  |  | BBB | 150,508,039 | 0.61\% |
|  |  | BB | 89,643,269 | 0.36\% |
|  |  | B | 95,908,401 | 0.39\% |
|  |  | CCC-C | 449,304,893 | 1.81\% |
|  |  | D | 75,581,684 | 0.30\% |
|  |  | Unkn Rtg (Triparty) | 679,281,929 | 2.74\% |
|  | Corporates-Foreign | AAA | 2,843,900 | 0.01\% |
|  |  | AA | 28,436,173 | 0.11\% |
|  |  | A | 141,757,328 | 0.57\% |
|  |  | BBB | Page 169,0\$22497 | 0.65\% |
|  |  | BB | 252,961,660 | 1.02\% |
|  |  | B | 45,079,131 | 0.18\% |
|  |  | CCC-C | 15,675,333 | 0.06\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Equity-Foreign | Equity | 2,731,686,789 | 11.01\% |
|  | Foreign Sovereigns-Domestic | AAA | 716,676 | 0.00\% |
|  |  | AA | 4,480,590 | 0.02\% |
|  |  | A | 42,987,937 | 0.17\% |
|  |  | BBB | 138,121,950 | 0.56\% |
|  |  | BB | 621,263,825 | 2.50\% |
|  |  | B | 169,357,723 | 0.68\% |
|  |  | CCC-C | 4,745,841 | 0.02\% |
|  |  | D | 10,522,648 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 4,209,333 | 0.02\% |
|  | Foreign Sovereigns-Foreign | AAA | 254,267,907 | 1.02\% |
|  |  | AA | 401,098 | 0.00\% |
|  |  | A | 104,890,053 | 0.42\% |
|  |  | BBB | 164,709,691 | 0.66\% |
|  |  | BB | 20,395,001 | 0.08\% |
|  |  | B | 62,882,901 | 0.25\% |
|  |  | D | 1,821,595 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 719,694 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 32,942,346 | 0.13\% |
|  | MBS - Agency - Pass Through | Agency | 9,651,160 | 0.04\% |
|  | MBS - Private (CMO) | AAA | 334,650,739 | 1.35\% |
|  |  | AA | 156,223,329 | 0.63\% |
|  |  | A | 106,899,883 | 0.43\% |
|  |  | BBB | 18,753,164 | 0.08\% |
|  |  | BB | 135,127,693 | 0.54\% |
|  |  | B | 239,881,053 | 0.97\% |
|  |  | CCC-C | 6,768,435 | 0.03\% |
|  |  | D | 1,184,843 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 15,577,377 | 0.06\% |
|  | Muni | AAA | 176,786,144 | 0.71\% |
|  |  | AA | 580,542,006 | 2.34\% |
|  |  | A | 427,125,321 | 1.72\% |
|  |  | BBB | 401,368,348 | 1.62\% |
|  |  | BB | 10,967,419 | 0.04\% |
|  |  | B | 1,459,109 | 0.01\% |
|  |  | CCC-C | 1,221,631 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 1,517,297,135 | 6.11\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 11,707,884 | 0.05\% |
|  | Other | A | 303,120,000 | 1.22\% |
|  |  | BBB | 1,866,569 | 0.01\% |
|  |  | BB | 8,709,206 | 0.04\% |
|  |  | B | 2,340,865 | 0.01\% |
|  |  | CCC-C | 188,833 | 0.00\% |
|  |  | D | 189,882 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 243,746,468 | 0.98\% |
|  | Supranational | AAA | 1,319,447 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | Page 16 of 2 g 242 | 0.00\% |
|  | Treasury | Treasury | 22,620,485 | 0.09\% |
|  | Whole Loans | Unkn Rtg (Triparty) | 581,154,997 | 2.34\% |
|  | Dealer Total |  | 24,820,000,306 | 100.00\% |
| Mizuho | Corporates-Domestic | AA | 21,685,794 | 11.67\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Mizuho (con't) | Corporates-Domestic (con't) | A | 162,742,508 | 87.59\% |
|  |  | BBB | 1,381,421 | 0.74\% |
|  | Dealer Total |  | 185,809,724 | 100.00\% |
| Morgan Stanley | ABS | AAA | 544,040,791 | 3.65\% |
|  |  | AA | 297,639,312 | 2.00\% |
|  |  | A | 246,705,473 | 1.66\% |
|  |  | BBB | 28,548,411 | 0.19\% |
|  |  | BB | 186,780,031 | 1.25\% |
|  |  | B | 109,223,480 | 0.73\% |
|  |  | CCC-C | 225,648,647 | 1.51\% |
|  |  | D | 140,226,610 | 0.94\% |
|  |  | Unkn Rtg (Triparty) | 177,231,393 | 1.19\% |
|  | Agency Debt | Agency | 289,946,771 | 1.95\% |
|  | CDs-CP-BAs | A-1 | 102,725,159 | 0.69\% |
|  |  | A-2 | 38,672,735 | 0.26\% |
|  |  | Unkn Rtg (Triparty) | 1,881,130 | 0.01\% |
|  | CMBS | BBB | 14,560 | 0.00\% |
|  |  | CCC-C | 57,836 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 91,982,228 | 0.62\% |
|  | Convertible Bonds-Domestic | AA | 38,933,125 | 0.26\% |
|  |  | A | 42,205,047 | 0.28\% |
|  |  | BBB | 144,733,330 | 0.97\% |
|  |  | BB | 4,438,594 | 0.03\% |
|  |  | B | 4,689,679 | 0.03\% |
|  |  | CCC-C | 13,885,459 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 190,225,731 | 1.28\% |
|  | Convertible Bonds-Foreign | BB | 392,295 | 0.00\% |
|  |  | B | 4,344,977 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 109,662,595 | 0.74\% |
|  | Corporates-Domestic | AAA | 100,191,882 | 0.67\% |
|  |  | AA | 114,049,195 | 0.77\% |
|  |  | A | 84,056,631 | 0.56\% |
|  |  | BBB | 364,766,628 | 2.45\% |
|  |  | BB | 183,534,052 | 1.23\% |
|  |  | B | 88,324,451 | 0.59\% |
|  |  | CCC-C | 35,502,986 | 0.24\% |
|  |  | D | 98,557,680 | 0.66\% |
|  |  | Unkn Rtg (Triparty) | 740,651,921 | 4.97\% |
|  | Corporates-Foreign | AAA | 20,579,454 | 0.14\% |
|  |  | AA | 7,843,245 | 0.05\% |
|  |  | A | 27,658,165 | 0.19\% |
|  |  | BBB | 40,857,634 | 0.27\% |
|  |  | BB | 153,654,680 | 1.03\% |
|  |  | B | 20,967,210 | 0.14\% |
|  |  | CCC-C | 12,598,606 | 0.08\% |
|  |  | D | 10,741,634 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 334,963,969 | 2.25\% |
|  | Equity-Domestic | Equity | 643,645,240 | 4.32\% |
|  | Equity-Foreign | Equity | Hag96ed,0961 | $223.34 \%$ |
|  | Foreign Sovereigns-Domestic | A | 1,675,049 | 0.01\% |
|  |  | BBB | 681,917 | 0.00\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Foreign Sovereigns-Domestic (con't) | BB | 36,496,765 | 0.24\% |
|  |  | B | 72,066,777 | 0.48\% |
|  |  | CCC-C | 9,830,777 | 0.07\% |
|  |  | D | 12,798,958 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 1,308 | 0.00\% |
|  | Foreign Sovereigns-Foreign | AA | 1,170,837 | 0.01\% |
|  |  | BBB | 1,003,113 | 0.01\% |
|  |  | BB | 286,111 | 0.00\% |
|  |  | B | 20,865,296 | 0.14\% |
|  | MBS - Agency - CMO | Agency | 411,971,054 | 2.77\% |
|  | MBS - Private (CMO) | AAA | 55,201,362 | 0.37\% |
|  |  | AA | 32,018,625 | 0.21\% |
|  |  | A | 62,843,044 | 0.42\% |
|  |  | BBB | 26,470,035 | 0.18\% |
|  |  | BB | 178,126,681 | 1.20\% |
|  |  | B | 148,103,547 | 0.99\% |
|  |  | CCC-C | 54,226,985 | 0.36\% |
|  |  | D | 1,587,187 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 45,424,454 | 0.30\% |
|  | Muni | AAA | 1,314,034,303 | 8.82\% |
|  |  | AA | 1,021,505,306 | 6.86\% |
|  |  | A | 896,180,621 | 6.02\% |
|  |  | BBB | 353,821,702 | 2.37\% |
|  |  | BB | 12,400,244 | 0.08\% |
|  |  | B | 42,238,301 | 0.28\% |
|  |  | CCC-C | 54,707,709 | 0.37\% |
|  |  | D | 3,083 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 753,559,799 | 5.06\% |
|  | Mutual Fund | AAA | 550,725,000 | 3.70\% |
|  |  | Unkn Rtg (Triparty) | 338,510,573 | 2.27\% |
|  | Supranational | AAA | 119,491,856 | 0.80\% |
|  | Treasury | Treasury | 1,085,124 | 0.01\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,652,054,814 | 11.09\% |
|  | Dealer Total |  | 14,898,611,072 | 100.00\% |

## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Friday, December 5
Timothy Geithner, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 12/08/2008 04:59 PM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Friday, December 5

- Total PDCF borrowing decreased by $\$ 1.51$ billion on Friday to a total of $\$ 53$ billion.
- Morgan Stanley had the largest change in borrowing from Thursday to Friday, with a decrease of $\$ 2.12$ billion, a $17.3 \%$ decline.
- Over the past week, the composition of all PDCF collateral remained fairly stable. Currently, the collateral consists of $42.1 \%$ investment grade securities, $12.6 \%$ non-investment grade securities, $25.4 \%$ equities, $17 \%$ securities with unknown ratings, and $2.8 \%$ whole loans pledged through the Discount Window. Foreign denominated collateral accounted for $13.4 \%$ of the total collateral pledged.


Regards, Tony

Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Friday, December 05, 2008

## Highlights

- Total PDCF borrowing decreased by $\$ 1.51$ billion on Friday to a total of $\$ 53$ billion.
- Morgan Stanley had the largest change in borrowing from Thursday to Friday, with a decrease of $\$ 2.12$ billion, a 17.3\% decline.
- Over the past week, the composition of all PDCF collateral remained fairly stable. Currently, the collateral consists of $42.1 \%$ investment grade securities, $12.6 \%$ non-investment grade securities, $25.4 \%$ equities, $17 \%$ securities with unknown ratings, and $2.8 \%$ whole loans pledged through the Discount Window. Foreign denominated collateral accounted for $13.4 \%$ of the total collateral pledged.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{1 2 / 0 5 / 2 0 0 8}$ | $\mathbf{1 2 / 0 4 / 2 0 0 8}$ | $\mathbf{1 2 / 0 3 / 2 0 0 8}$ | $\mathbf{1 2 / 0 2 / 2 0 0 8}$ | $\mathbf{1 2 / 0 1 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | - | - | - | - | 1.00 |
| Citigroup | 20.10 | 19.16 | 20.54 | 20.32 | 22.00 |
| Merrill Lynch | 22.59 | 22.92 | 22.82 | 22.83 | 23.57 |
| Mizuho | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 |
| Morgan Stanley | 10.14 | 12.26 | 12.09 | 12.08 | 13.52 |
| Total Borrowings | $\mathbf{5 3 . 0 0}$ | $\mathbf{5 4 . 5 1}$ | $\mathbf{5 5 . 6 2}$ | $\mathbf{5 5 . 4 0}$ | $\mathbf{6 0 . 2 6}$ |
|  |  |  |  |  |  |
| Total Collateral* | $\mathbf{5 8 . 9 5}$ | $\mathbf{6 0 . 5 6}$ | $\mathbf{6 1 . 7 1}$ | $\mathbf{6 1 . 5 1}$ | $\mathbf{6 6 . 7 9}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 1 . 2 3 \%}$ | $\mathbf{1 1 . 1 0 \%}$ | $\mathbf{1 0 . 9 5 \%}$ | $\mathbf{1 1 . 0 3 \%}$ | $\mathbf{1 0 . 8 4 \%}$ |

* Includes additional commercial loans in a Borrower-In-Custody arrangement. Further legal review of swap receivable collateral suggests that the Reserve Bank does not have a claim against swap receivables collateral unless the pledging dealer has explicitly borrowed against this collateral. As such, swap receivables collateral has been removed from the collateral totals in this report.


## RESTRICTED-FR

PDCF Borrowing Trend

\$0
1/200 11/26/2008
Date
$\longrightarrow$ Total Borrowing - Bear Stearns Borrowing Other Borrowing $\longrightarrow$ Total Collateral

## Composition of Collateral Pledged for December 05 Borrowings - in millions

[^21]| Rating $^{1}$ | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley $^{2}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Treasury | 142.9 | 35.5 | - | 1.1 | 179.5 |
| Agency | 307.4 | 47.1 | - | 604.6 | 959.1 |
| AAA | $3,187.3$ | $4,411.5$ | - | $2,376.7$ | $9,975.6$ |
| AA | $3,815.4$ | 962.0 | 17.4 | 957.9 | $5,752.7$ |
| A | $1,579.6$ | $1,679.0$ | 168.0 | 988.8 | $4,415.4$ |
| BBB | $1,166.9$ | $1,381.4$ | 1.4 | 724.6 | $3,274.4$ |
| BB | 446.8 | $1,327.7$ | - | 706.5 | $2,481.0$ |
| B | 855.9 | 866.4 | - | 480.0 | $2,202.3$ |
| CCC-C | 836.6 | 814.5 | - | 390.4 | $2,041.5$ |
| D | 142.8 | 235.2 | - | 340.9 | 718.9 |
| A-1 | - | - | - | 292.0 | 292.0 |
| A-2 | - | - | - | 36.6 | 36.6 |
| A-3 | - | - | - | - | - |
| NP | - | - | - | - | - |
| Equity | $5,835.4$ | $8,316.1$ | - | 805.5 | $14,957.0$ |
| Unkn Rtg (Triparty) | $3,350.6$ | $4,390.6$ | - | $2,275.0$ | $10,016.2$ |
| Unkn Rtg (non-Triparty) | - | - | - | $\mathbf{1 , 6 4 9 . 9}$ | $\mathbf{1 , 6 4 9 . 9}$ |
| Total Collateral | $\mathbf{2 1 , 6 6 7 . 6}$ | $\mathbf{2 4 , 4 6 6 . 9}$ | $\mathbf{1 8 6 . 8}$ | $\mathbf{1 2 , 6 3 0 . 8}$ | $\mathbf{5 8 , 9 5 2 . 1}$ |
| Total Borrowings | $\mathbf{2 0 , 0 9 5 . 0}$ | $\mathbf{2 2 , 5 8 8 . 1}$ | $\mathbf{1 7 4 . 6}$ | $\mathbf{1 0 , 1 3 7 . 6}$ | $\mathbf{5 2 , 9 9 5 . 2}$ |
| Collateral Cushion | $\mathbf{7 . 8 3 \%}$ | $\mathbf{8 . 3 2 \%}$ | $\mathbf{7 . 0 1 \%}$ | $\mathbf{2 4 . 5 9 \%}$ | $\mathbf{1 1 . 2 4 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $179,519,983$ | $0.30 \%$ |
| Agency | $959,064,615$ | $1.63 \%$ |
| AAA | $9,975,593,723$ | $16.92 \%$ |
| AA | $5,752,661,396$ | $9.76 \%$ |
| A | $4,415,430,328$ | $7.49 \%$ |
| BBB | $3,274,403,341$ | $5.55 \%$ |
| BB | $2,481,032,864$ | $4.21 \%$ |
| B | $2,202,338,207$ | $3.74 \%$ |
| CCC-C | $718,903,279$ | $1.22 \%$ |
| D | $292,001,188$ | $0.50 \%$ |
| A-1 | $36,571,679$ | $0.06 \%$ |
| A-2 | $14,956,962,040$ | $25.37 \%$ |
| Equity | $10,016,234,004$ | $16.99 \%$ |
| Unkn Rtg (Triparty) | $1,649,929,814$ | $2.80 \%$ |
| Unkn Rtg (non-Triparty) | $58,952,127,500$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $5,075,443,018$ | $8.61 \%$ |
| Agency Debt | $512,126,752$ | $0.87 \%$ |
| Auction Rate | $3,656,073,010$ | $6.20 \%$ |
| CDs-CP-BAs | $394,235,621$ | $0.67 \%$ |
| CMBS | $150,016,341$ | $0.25 \%$ |
| Convertible Bonds-Domestic | $1,099,083,519$ | $1.86 \%$ |
| Convertible Bonds-Foreign | $893,694,839$ | $1.52 \%$ |
| Corporates-Domestic | $6,525,839,136$ | $11.07 \%$ |
| Corporates-Foreign | $2,095,566,621$ | $3.55 \%$ |
| Equity-Domestic | $11,083,052,952$ | $18.80 \%$ |
| Equity-Foreign | $3,873,909,088$ | $6.57 \%$ |
| Foreign Sovereigns-Domestic | $1,137,793,612$ | $1.93 \%$ |
| Foreign Sovereigns-Foreign | $1,019,630,199$ | $1.73 \%$ |
| MBS - Agency - CMO | $437,284,103$ | $0.74 \%$ |
| MBS - Agency - Pass Through | $9,653,761$ | $0.02 \%$ |
| MBS - Private (CMO) | $2,323,405,050$ | $3.94 \%$ |
| Muni | $12,396,225,921$ | $21.03 \%$ |
| Mutual Fund | $3,178,030,750$ | $5.39 \%$ |
| Other | $546,866,468$ | $0.93 \%$ |
| Supranational | $131,393,053$ | $0.22 \%$ |
| Treasury | $179,519,983$ | $0.30 \%$ |
| Whole Loans | $583,353,890$ | $0.99 \%$ |
| Whole Loans - DW | $1,649,929,814$ | $2.80 \%$ |
| Total | $58,952,127,500$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 92,410,717 | 0.43\% |
|  |  | AA | 127,611 | 0.00\% |
|  |  | A | 283,399,906 | 1.31\% |
|  |  | BBB | 121,002,861 | 0.56\% |
|  |  | BB | 221,499,403 | 1.02\% |
|  |  | B | 271,215,294 | 1.25\% |
|  |  | CCC-C | 111,504,228 | 0.51\% |
|  |  | D | 116,421,555 | 0.54\% |
|  |  | Unkn Rtg (Triparty) | 407,503,226 | 1.88\% |
|  | Agency Debt | Agency | 307,364,047 | 1.42\% |
|  | CMBS | Unkn Rtg (Triparty) | 10,209,973 | 0.05\% |
|  | Convertible Bonds-Domestic | A | 13,386,813 | 0.06\% |
|  |  | BB | 4,746,255 | 0.02\% |
|  |  | B | 17,000,000 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 117,921,531 | 0.54\% |
|  | Convertible Bonds-Foreign | A | 34,014,174 | 0.16\% |
|  |  | BBB | 7,155,270 | 0.03\% |
|  |  | BB | 1,577,058 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 591,870,196 | 2.73\% |
|  | Corporates-Domestic | AAA | 13,309,879 | 0.06\% |
|  |  | AA | 29,060,938 | 0.13\% |
|  |  | A | 432,051,787 | 1.99\% |
|  |  | BBB | 179,716,375 | 0.83\% |
|  |  | BB | 48,820,864 | 0.23\% |
|  |  | B | 18,605,861 | 0.09\% |
|  |  | CCC-C | 705,296,024 | 3.26\% |
|  |  | D | 26,366,071 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 1,178,492,034 | 5.44\% |
|  | Corporates-Foreign | A | 8,654,297 | 0.04\% |
|  |  | BBB | 111,973,303 | 0.52\% |
|  |  | B | 498,574 | 0.00\% |
|  |  | CCC-C | 12,124,105 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 383,622,331 | 1.77\% |
|  | Equity-Domestic | Equity | 5,005,191,756 | 23.10\% |
|  | Equity-Foreign | Equity | 830,159,675 | 3.83\% |
|  | Foreign Sovereigns-Domestic | BBB | 6,326,288 | 0.03\% |
|  | Foreign Sovereigns-Foreign | BBB | 10,827,107 | 0.05\% |
|  | MBS - Private (CMO) | A | 7,925,754 | 0.04\% |
|  |  | BBB | 12,545,188 | 0.06\% |
|  |  | BB | 170,181,558 | 0.79\% |
|  |  | B | 548,579,463 | 2.53\% |
|  |  | CCC-C | 7,696,899 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | Pagead, 349,4 ²d | 0.19\% |
|  | Muni | AAA | 1,224,571,195 | 5.65\% |
|  |  | AA | 3,786,245,313 | 17.47\% |
|  |  | A | 800,133,861 | 3.69\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Supranational (con't) | Unkn Rtg (Triparty) | 2,996 | 0.00\% |
|  | Treasury | Treasury | 142,937,113 | 0.66\% |
|  | Dealer Total |  | 21,667,625,961 | 100.00\% |
| Merrill Lynch | ABS | AAA | 274,563,267 | 1.12\% |
|  |  | AA | 80,761,407 | 0.33\% |
|  |  | A | 190,172,057 | 0.78\% |
|  |  | BBB | 107,988,094 | 0.44\% |
|  |  | BB | 185,612,671 | 0.76\% |
|  |  | B | 266,378,914 | 1.09\% |
|  |  | CCC-C | 264,276,537 | 1.08\% |
|  |  | D | 128,897,197 | 0.53\% |
|  |  | Unkn Rtg (Triparty) | 264,493,509 | 1.08\% |
|  | Agency Debt | Agency | 12,251,705 | 0.05\% |
|  | Auction Rate | AAA | 2,944,340,981 | 12.03\% |
|  |  | AA | 150,054,483 | 0.61\% |
|  |  | A | 129,429,012 | 0.53\% |
|  |  | BBB | 126,013,056 | 0.52\% |
|  |  | BB | 30,023,950 | 0.12\% |
|  |  | CCC-C | 29,510,505 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 246,701,024 | 1.01\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 63,696,483 | 0.26\% |
|  | CMBS | Unkn Rtg (Triparty) | 109,119,058 | 0.45\% |
|  | Convertible Bonds-Domestic | A | 17,492,102 | 0.07\% |
|  |  | BBB | 109,266,915 | 0.45\% |
|  |  | CCC-C | 58,190,515 | 0.24\% |
|  |  | D | 2,225,516 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 483,670,440 | 1.98\% |
|  | Convertible Bonds-Foreign | BBB | 2,316 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 62,832,606 | 0.26\% |
|  | Corporates-Domestic | AAA | 27,790,667 | 0.11\% |
|  |  | AA | 8,597,411 | 0.04\% |
|  |  | A | 222,444,467 | 0.91\% |
|  |  | BBB | 191,820,999 | 0.78\% |
|  |  | BB | 61,580,477 | 0.25\% |
|  |  | B | 82,643,008 | 0.34\% |
|  |  | CCC-C | 435,328,486 | 1.78\% |
|  |  | D | 87,885,202 | 0.36\% |
|  |  | Unkn Rtg (Triparty) | 596,448,150 | 2.44\% |
|  | Corporates-Foreign | AAA | 2,871,316 | 0.01\% |
|  |  | AA | 28,409,021 | 0.12\% |
|  |  | A | 169,748,462 | 0.69\% |
|  |  | BBB | 161,865,096 | 0.66\% |
|  |  | BB | 264,686,494 | 1.08\% |
|  |  | B | 42,622,630 | 0.17\% |
|  |  | CCC-C | Page 1314320,1558 | 0.06\% |
|  |  | D | 4,375,094 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 255,657,456 | 1.04\% |
|  | Equity-Domestic | Equity | 5,753,887,840 | 23.52\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Foreign Sovereigns-Domestic (con't) | A | 35,465,360 | 0.14\% |
|  |  | BBB | 145,614,430 | 0.60\% |
|  |  | BB | 620,501,482 | 2.54\% |
|  |  | B | 172,403,591 | 0.70\% |
|  |  | CCC-C | 4,735,167 | 0.02\% |
|  |  | D | 8,875,039 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 4,196,100 | 0.02\% |
|  | Foreign Sovereigns-Foreign | AAA | 659,939,904 | 2.70\% |
|  |  | AA | 402,206 | 0.00\% |
|  |  | A | 135,036,939 | 0.55\% |
|  |  | BBB | 106,544,947 | 0.44\% |
|  |  | BB | 20,205,637 | 0.08\% |
|  |  | B | 60,901,826 | 0.25\% |
|  |  | D | 1,757,442 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 656,436 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 25,154,129 | 0.10\% |
|  | MBS - Agency - Pass Through | Agency | 9,653,761 | 0.04\% |
|  | MBS - Private (CMO) | AAA | 332,641,895 | 1.36\% |
|  |  | AA | 156,142,235 | 0.64\% |
|  |  | A | 49,354,684 | 0.20\% |
|  |  | BBB | 31,095,127 | 0.13\% |
|  |  | BB | 134,256,627 | 0.55\% |
|  |  | B | 239,946,362 | 0.98\% |
|  |  | CCC-C | 6,749,115 | 0.03\% |
|  |  | D | 1,183,234 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 15,743,360 | 0.06\% |
|  | Muni | AAA | 167,364,404 | 0.68\% |
|  |  | AA | 533,101,838 | 2.18\% |
|  |  | A | 426,722,094 | 1.74\% |
|  |  | BBB | 401,230,996 | 1.64\% |
|  |  | BB | 10,808,949 | 0.04\% |
|  |  | B | 1,529,748 | 0.01\% |
|  |  | CCC-C | 1,346,364 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 1,448,964,529 | 5.92\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 11,262,497 | 0.05\% |
|  | Other | A | 303,120,000 | 1.24\% |
|  |  | Unkn Rtg (Triparty) | 243,746,468 | 1.00\% |
|  | Supranational | AAA | 1,301,998 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 27,150 | 0.00\% |
|  | Treasury | Treasury | 35,488,997 | 0.15\% |
|  | Whole Loans | Unkn Rtg (Triparty) | 583,353,890 | 2.38\% |
|  | Dealer Total |  | 24,466,931,866 | 100.00\% |
| Mizuho | Corporates-Domestic | AA | 17,361,060 | 9.29\% |
|  |  | A | 168,030,057 | 89.95\% |
|  |  | BBB | 1,413,694 | 0.76\% |
|  | Dealer Total |  | 186,804,811 | 100.00\% |
| Morgan Stanley | ABS | AAA Page | of 2437,662,387 | 3.47\% |
|  |  | AA | 216,965,945 | 1.72\% |
|  |  | A | 164,756,140 | 1.30\% |
|  |  | BBB | 28,576,122 | 0.23\% |
|  |  | BB | 193,337,935 | 1.53\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | ABS (con't) | B | 105,525,371 | 0.84\% |
|  |  | CCC-C | 229,209,670 | 1.81\% |
|  |  | D | 137,578,420 | 1.09\% |
|  |  | Unkn Rtg (Triparty) | 173,602,575 | 1.37\% |
|  | Agency Debt | Agency | 192,511,000 | 1.52\% |
|  | CDs-CP-BAs | A-1 | 292,001,188 | 2.31\% |
|  |  | A-2 | 36,571,679 | 0.29\% |
|  |  | Unkn Rtg (Triparty) | 1,966,271 | 0.02\% |
|  | CMBS | Unkn Rtg (Triparty) | 30,687,310 | 0.24\% |
|  | Convertible Bonds-Domestic | A | 21,404,345 | 0.17\% |
|  |  | BBB | 33,514,365 | 0.27\% |
|  |  | Unkn Rtg (Triparty) | 220,264,723 | 1.74\% |
|  | Convertible Bonds-Foreign | BB | 372,675 | 0.00\% |
|  |  | B | 4,545,542 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 191,325,001 | 1.51\% |
|  | Corporates-Domestic | AAA | 266,818,787 | 2.11\% |
|  |  | AA | 146,336,529 | 1.16\% |
|  |  | A | 81,752,414 | 0.65\% |
|  |  | BBB | 275,390,768 | 2.18\% |
|  |  | BB | 118,167,949 | 0.94\% |
|  |  | B | 98,481,896 | 0.78\% |
|  |  | CCC-C | 29,347,825 | 0.23\% |
|  |  | D | 180,083,447 | 1.43\% |
|  |  | Unkn Rtg (Triparty) | 796,396,011 | 6.31\% |
|  | Corporates-Foreign | AAA | 20,662,340 | 0.16\% |
|  |  | AA | 7,775,392 | 0.06\% |
|  |  | A | 11,364,899 | 0.09\% |
|  |  | BBB | 28,640,923 | 0.23\% |
|  |  | BB | 173,349,517 | 1.37\% |
|  |  | B | 27,033,606 | 0.21\% |
|  |  | CCC-C | 13,065,425 | 0.10\% |
|  |  | D | 8,755,422 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 343,490,358 | 2.72\% |
|  | Equity-Domestic | Equity | 323,973,356 | 2.56\% |
|  | Equity-Foreign | Equity | 481,489,909 | 3.81\% |
|  | Foreign Sovereigns-Domestic | A | 1,573,375 | 0.01\% |
|  |  | BBB | 676,725 | 0.01\% |
|  |  | BB | 36,517,715 | 0.29\% |
|  |  | B | 73,068,003 | 0.58\% |
|  |  | CCC-C | 9,830,357 | 0.08\% |
|  |  | D | 12,810,417 | 0.10\% |
|  |  | Unkn Rtg (Triparty) | 1,310 | 0.00\% |
|  | Foreign Sovereigns-Foreign | AA | 1,157,807 | 0.01\% |
|  |  | BBB | 1,001,554 | 0.01\% |
|  |  | BB | 276,116 | 0.00\% |
|  |  | B | 20,647,754 | 0.16\% |
|  |  | Unkn Rtg (Triparty) | 274,524 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 412,129,973 | 3.26\% |
|  | MBS - Private (CMO) | AAA | Page 150\%れ2d00 | 0.46\% |
|  |  | AA | 33,371,276 | 0.26\% |
|  |  | A | 39,049,133 | 0.31\% |

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## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | MBS - Private (CMO) (con't) | BBB | 24,035,489 | 0.19\% |
|  |  | BB | 183,834,254 | 1.46\% |
|  |  | B | 129,391,476 | 1.02\% |
|  |  | CCC-C | 54,241,571 | 0.43\% |
|  |  | D | 1,686,130 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 45,877,994 | 0.36\% |
|  | Muni | AAA | 905,687,581 | 7.17\% |
|  |  | AA | 552,309,368 | 4.37\% |
|  |  | A | 668,948,198 | 5.30\% |
|  |  | BBB | 332,803,055 | 2.63\% |
|  |  | BB | 675,278 | 0.01\% |
|  |  | B | 21,319,287 | 0.17\% |
|  |  | CCC-C | 54,707,686 | 0.43\% |
|  |  | D | 3,093 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 138,643,036 | 1.10\% |
|  | Mutual Fund | AAA | 558,575,000 | 4.42\% |
|  |  | Unkn Rtg (Triparty) | 332,518,397 | 2.63\% |
|  | Supranational | AAA | 129,814,005 | 1.03\% |
|  | Treasury | Treasury | 1,093,873 | 0.01\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,649,929,814 | 13.06\% |
|  | Dealer Total |  | 12,630,764,861 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF collateral report for Monday, December 8 

Timothy Geithner, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 12/09/2008 05:05 PM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Monday, December 8

- Total PDCF borrowing decreased to $\$ 52.01$ billion on Monday, a decline of just under $\$ 1$ billion.
- Merrill Lynch remains the largest participant in the facility with $\$ 22.5$ billion in borrowings. Its collateral consists primarily of equities (36.6\%), auction rate securities ( $14.3 \%$ ), and municipal debt ( $12.6 \%$ ). Across all collateral types, approximately $16.5 \%$ is foreign denominated.
- Goldman Sachs, Merrill Lynch, Morgan Stanley, and Citigroup are permitted to pledge foreign denominated securities as collateral against PDCF borrowing. Foreign denominated collateral accounts for $10.32 \%$ of the total collateral pledged across all participants. Merrill Lynch has $\$ 4.02$ billion of foreign denominated collateral while Morgan Stanley has $\$ 1.28$ billion and Citigroup has $\$ 0.67$ billion. Goldman Sachs has not borrowed through the program since November 26th.

國<br>PDCF Charts and Tables • 20081208.doc<br>Regards,<br>Tony<br>Anthony Maglia<br>Markets Group<br>Federal Reserve Bank of New York<br>212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Monday, December 08, 2008

## Highlights

- Total PDCF borrowing decreased to $\$ 52.01$ billion on Monday, a decline of just under $\$ 1$ billion.
- Merrill Lynch remains the largest participant in the facility with $\$ 22.5$ billion in borrowings. Its collateral consists primarily of equities ( $36.6 \%$ ), auction rate securities ( $14.3 \%$ ), and municipal debt ( $12.6 \%$ ). Across all collateral types, approximately $16.5 \%$ is foreign denominated.
- Goldman Sachs, Merrill Lynch, Morgan Stanley, and Citigroup are permitted to pledge foreign denominated securities as collateral against PDCF borrowing. Foreign denominated collateral accounts for $10.32 \%$ of the total collateral pledged across all participants. Merrill Lynch has $\$ 4.02$ billion of foreign denominated collateral while Morgan Stanley has $\$ 1.28$ billion and Citigroup has $\$ 0.67$ billion. Goldman Sachs has not borrowed through the program since November $26^{\text {th }}$.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{1 2 / 0 8 / 2 0 0 8}$ | $\mathbf{1 2 / 0 5 / 2 0 0 8}$ | $\mathbf{1 2 / 0 4 / 2 0 0 8}$ | $\mathbf{1 2 / 0 3 / 2 0 0 8}$ | $\mathbf{1 2 / 0 2 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Citigroup | 19.40 | 20.10 | 19.16 | 20.54 | 20.32 |
| Merrill Lynch | 22.51 | 22.59 | 22.92 | 22.82 | 22.83 |
| Mizuho | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 |
| Morgan Stanley | 9.93 | 10.14 | 12.26 | 12.09 | 12.08 |
| Total Borrowings | $\mathbf{5 2 . 0 1}$ | $\mathbf{5 3 . 0 0}$ | $\mathbf{5 4 . 5 1}$ | $\mathbf{5 5 . 6 2}$ | $\mathbf{5 5 . 4 0}$ |
|  |  |  |  |  |  |
| Total Collateral ${ }^{*}$ | $\mathbf{5 7 . 8 3}$ | $\mathbf{5 8 . 9 5}$ | $\mathbf{6 0 . 5 6}$ | $\mathbf{6 1 . 7 1}$ | $\mathbf{6 1 . 5 1}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 1 . 1 9 \%}$ | $\mathbf{1 1 . 2 3 \%}$ | $\mathbf{1 1 . 1 0 \%}$ | $\mathbf{1 0 . 9 5 \%}$ | $\mathbf{1 1 . 0 3 \%}$ |

[^22]
## RESTRICTED-FR

PDCF Borrowing Trend

\$0
103/2008 Date
$\longrightarrow$ Total Borrowing —ear Stearns Borrowing —Other Borrowing —Total Collateral

## Composition of Collateral Pledged for December 08 Borrowings - in millions

[^23]| Rating $^{1}$ | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley $^{2}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Treasury | 166.7 | 56.4 | - | 1.1 | 224.2 |
| Agency | 345.0 | 21.4 | - | 544.0 | 910.4 |
| AAA | $3,270.4$ | $4,476.4$ | - | $2,630.2$ | $10,377.0$ |
| AA | $3,757.0$ | 917.7 | 17.3 | 884.6 | $5,576.7$ |
| A | $1,298.5$ | $1,596.6$ | 165.1 | 988.9 | $4,049.2$ |
| BBB | 933.8 | $1,092.0$ | - | 823.8 | $2,849.6$ |
| BB | 654.4 | $1,259.5$ | - | 700.3 | $2,614.2$ |
| B | 998.3 | 835.8 | - | 489.6 | $2,323.8$ |
| CCC-C | 834.8 | 810.0 | - | 392.3 | $2,037.1$ |
| D | 107.4 | 240.6 | - | 232.6 | 580.5 |
| A-1 | 0.9 | - | - | 165.6 | 166.5 |
| A-2 | 1.3 | - | - | - | 1.3 |
| A-3 | - | - | - | - | - |
| NP | - | - | - | - | - |
| Equity | $5,362.8$ | $8,911.0$ | - | 772.5 | $15,046.2$ |
| Unkn Rtg (Triparty) | $3,139.7$ | $\mathbf{4 , 1 4 4 . 9}$ | - | $2,136.5$ | $9,421.1$ |
| Unkn Rtg (non-Triparty) | - | - | - | $\mathbf{1 , 6 4 9 . 9}$ | $1,649.9$ |
| Total Collateral | $\mathbf{2 0 , 8 7 1 . 1}$ | $\mathbf{2 4 , 3 6 2 . 3}$ | $\mathbf{1 8 2 . 4}$ | $\mathbf{1 2 , 4 1 2 . 0}$ | $\mathbf{5 7 , 8 2 7 . 8}$ |
| Total Borrowings | $\mathbf{1 9 , 3 9 5 . 0}$ | $\mathbf{2 2 , 5 1 2 . 0}$ | $\mathbf{1 7 0 . 5}$ | $\mathbf{9 , 9 3 3 . 8}$ | $\mathbf{5 2 , 0 1 1 . 3}$ |
| Collateral Cushion | $\mathbf{7 . 6 1 \%}$ | $\mathbf{8 . 2 2 \%}$ | $\mathbf{6 . 9 9 \%}$ | $\mathbf{2 4 . 9 5 \%}$ | $\mathbf{1 1 . 1 8 \%}$ |

Collateral Value and Rating Distribution by Dealer


## Distribution of Total Pledged Collateral by Rating



Page 5 of 21

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $224,193,320$ | $0.39 \%$ |
| Agency | $910,355,792$ | $1.57 \%$ |
| AAA | $10,377,043,770$ | $17.94 \%$ |
| AA | $5,576,662,191$ | $9.64 \%$ |
| A | $4,049,181,182$ | $7.00 \%$ |
| BBB | $2,849,625,929$ | $4.93 \%$ |
| BB | $2,614,191,705$ | $4.52 \%$ |
| B | $2,323,788,533$ | $4.02 \%$ |
| CCC-C | $2,037,086,222$ | $3.52 \%$ |
| D | $580,519,268$ | $1.00 \%$ |
| A-1 | $166,536,879$ | $0.29 \%$ |
| A-2 | $1,286,696$ | $0.00 \%$ |
| Equity | $15,046,246,217$ | $26.02 \%$ |
| Unkn Rtg (Triparty) | $9,421,141,283$ | $16.29 \%$ |
| Unkn Rtg (non-Triparty) | $1,649,929,814$ | $2.85 \%$ |
| Total | $57,827,788,800$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $5,054,389,396$ | $8.74 \%$ |
| Agency Debt | $520,998,597$ | $0.90 \%$ |
| Auction Rate | $3,475,102,154$ | $6.01 \%$ |
| CDs-CP-BAs | $233,265,036$ | $0.40 \%$ |
| CMBS | $112,413,388$ | $0.19 \%$ |
| Convertible Bonds-Domestic | $1,950,788,150$ | $3.37 \%$ |
| Convertible Bonds-Foreign | $536,602,598$ | $0.93 \%$ |
| Corporates-Domestic | $5,286,391,027$ | $9.14 \%$ |
| Corporates-Foreign | $1,515,691,778$ | $2.62 \%$ |
| Equity-Domestic | $12,253,727,635$ | $21.19 \%$ |
| Equity-Foreign | $2,792,518,582$ | $4.83 \%$ |
| Foreign Sovereigns-Domestic | $1,104,208,286$ | $1.91 \%$ |
| Foreign Sovereigns-Foreign | $1,124,976,662$ | $1.95 \%$ |
| MBS - Agency - CMO | $389,357,194$ | $0.67 \%$ |
| MBS - Private (CMO) | $2,862,132,655$ | $4.95 \%$ |
| Muni | $12,330,509,810$ | $21.32 \%$ |
| Mutual Fund | $3,134,973,772$ | $5.42 \%$ |
| Other | $546,866,468$ | $0.95 \%$ |
| Supranational | $144,462,970$ | $0.25 \%$ |
| Treasury | $224,193,320$ | $0.39 \%$ |
| Whole Loans | $584,289,509$ | $1.01 \%$ |
| Whole Loans - DW | $1,649,929,814$ | $2.85 \%$ |
| Total | $57,827,788,800$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 113,569,861 | 0.54\% |
|  |  | AA | 127,611 | 0.00\% |
|  |  | A | 286,730,821 | 1.37\% |
|  |  | BBB | 148,964,660 | 0.71\% |
|  |  | BB | 182,769,608 | 0.88\% |
|  |  | B | 215,897,318 | 1.03\% |
|  |  | CCC-C | 82,119,107 | 0.39\% |
|  |  | D | 82,276,642 | 0.39\% |
|  |  | Unkn Rtg (Triparty) | 368,973,614 | 1.77\% |
|  | Agency Debt | Agency | 344,970,878 | 1.65\% |
|  | CDs-CP-BAs | A-1 | 932,035 | 0.00\% |
|  |  | A-2 | 1,286,696 | 0.01\% |
|  | CMBS | Unkn Rtg (Triparty) | 83,608,001 | 0.40\% |
|  | Convertible Bonds-Domestic | BB | 46,043,978 | 0.22\% |
|  |  | Unkn Rtg (Triparty) | 1,184,476,344 | 5.68\% |
|  | Convertible Bonds-Foreign | BB | 4,628,823 | 0.02\% |
|  |  | B | 1,743,882 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 336,105,144 | 1.61\% |
|  | Corporates-Domestic | AAA | 13,309,883 | 0.06\% |
|  |  | AA | 27,749,351 | 0.13\% |
|  |  | A | 197,242,981 | 0.95\% |
|  |  | BB | 212,764,740 | 1.02\% |
|  |  | B | 18,720,568 | 0.09\% |
|  |  | CCC-C | 713,917,986 | 3.42\% |
|  |  | D | 25,004,948 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 569,440,754 | 2.73\% |
|  | Corporates-Foreign | BBB | 146,129 | 0.00\% |
|  |  | BB | 690,545 | 0.00\% |
|  |  | B | 514,545 | 0.00\% |
|  |  | CCC-C | 12,347,846 | 0.06\% |
|  |  | D | 38,427 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 16,015,654 | 0.08\% |
|  | Equity-Domestic | Equity | 5,082,402,412 | 24.35\% |
|  | Equity-Foreign | Equity | 280,383,688 | 1.34\% |
|  | Foreign Sovereigns-Domestic | BBB | 11,099 | 0.00\% |
|  |  | BB | 622,528 | 0.00\% |
|  |  | B | 18,485,597 | 0.09\% |
|  |  | CCC-C | 8,815,984 | 0.04\% |
|  | Foreign Sovereigns-Foreign | BBB | 10,890,619 | 0.05\% |
|  |  | BB | 3,788,619 | 0.02\% |
|  | MBS - Private (CMO) | AAA | 12,550,306 | 0.06\% |
|  |  | AA | 13,110,781 | 0.06\% |
|  |  | A |  | 0.09\% |
|  |  | BBB | 61,427,818 | 0.29\% |
|  |  | BB | 203,077,759 | 0.97\% |
|  |  | B | 742,264,640 | 3.56\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value |
| :--- | :--- | ---: | ---: |
| Citigroup (con't) | Muni (con't) | \% Total |  |
|  | BBB | $795,196,474$ | $3.81 \%$ |
|  | B | $712,357,467$ | $3.41 \%$ |
|  | CCC-C | 698,250 | $0.00 \%$ |
|  | Unkn Rtg (Triparty) | 41,653 | $0.00 \%$ |
|  | AAA | $201,350,484$ | $0.96 \%$ |
|  | Unkn Rtg (Triparty) | $1,926,775,000$ | $9.23 \%$ |
|  | AAA | $322,551,179$ | $1.55 \%$ |
|  | Unkn Rtg (Triparty) | 245,146 | $0.00 \%$ |
|  | Treasury | 2,997 | $0.00 \%$ |
|  |  | $166,667,126$ | $0.80 \%$ |
|  | Treasury | AAA | $20,871,060,584$ |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Foreign (con't) | Unkn Rtg (Triparty) | 249,801,552 | 1.03\% |
|  | Equity-Domestic | Equity | 6,840,820,499 | 28.08\% |
|  | Equity-Foreign | Equity | 2,070,160,954 | 8.50\% |
|  | Foreign Sovereigns-Domestic | AAA | 716,764 | 0.00\% |
|  |  | AA | 4,481,601 | 0.02\% |
|  |  | A | 31,851,933 | 0.13\% |
|  |  | BBB | 141,531,776 | 0.58\% |
|  |  | BB | 584,256,240 | 2.40\% |
|  |  | B | 162,579,585 | 0.67\% |
|  |  | CCC-C | 4,742,203 | 0.02\% |
|  |  | D | 9,551,512 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 4,789,110 | 0.02\% |
|  | Foreign Sovereigns-Foreign | AAA | 765,766,616 | 3.14\% |
|  |  | A | 134,166,967 | 0.55\% |
|  |  | BBB | 109,028,302 | 0.45\% |
|  |  | BB | 18,046,021 | 0.07\% |
|  |  | B | 57,533,115 | 0.24\% |
|  |  | D | 1,836,005 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 668,514 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 929 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 331,863,385 | 1.36\% |
|  |  | AA | 155,666,730 | 0.64\% |
|  |  | A | 49,146,234 | 0.20\% |
|  |  | BBB | 15,230,252 | 0.06\% |
|  |  | BB | 133,822,114 | 0.55\% |
|  |  | B | 240,525,151 | 0.99\% |
|  |  | CCC-C | 6,757,472 | 0.03\% |
|  |  | D | 1,188,047 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 15,740,064 | 0.06\% |
|  | Muni | AAA | 164,670,108 | 0.68\% |
|  |  | AA | 501,091,908 | 2.06\% |
|  |  | A | 434,689,840 | 1.78\% |
|  |  | BBB | 399,657,720 | 1.64\% |
|  |  | BB | 10,379,456 | 0.04\% |
|  |  | B | 1,589,775 | 0.01\% |
|  |  | CCC-C | 1,347,866 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 1,553,799,458 | 6.38\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 190,255 | 0.00\% |
|  | Other | A | 303,120,000 | 1.24\% |
|  |  | Unkn Rtg (Triparty) | 243,746,468 | 1.00\% |
|  | Supranational | AAA | 1,267,567 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 26,863 | 0.00\% |
|  | Treasury | Treasury | 56,434,081 | 0.23\% |
|  | Whole Loans | Unkn Rtg (Triparty) | 584,289,509 | 2.40\% |
|  | Dealer Total |  | 24,362,335,141 | 100.00\% |
| Mizuho | Corporates-Domestic | AA | 17,332,864 | 9.50\% |
|  |  | A | Page 165998,544 | 90.50\% |
|  | Dealer Total |  | 182,428,408 | 100.00\% |
| Morgan Stanley | ABS | AAA | 581,950,808 | 4.69\% |
|  |  | AA | 229,024,692 | 1.85\% |
|  |  | A | 126,500,375 | 1.02\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | ABS (con't) | BBB | 28,474,440 | 0.23\% |
|  |  | BB | 188,655,428 | 1.52\% |
|  |  | B | 104,006,371 | 0.84\% |
|  |  | CCC-C | 230,958,221 | 1.86\% |
|  |  | D | 136,934,357 | 1.10\% |
|  |  | Unkn Rtg (Triparty) | 173,681,284 | 1.40\% |
|  | Agency Debt | Agency | 154,644,506 | 1.25\% |
|  | CDs-CP-BAs | A-1 | 165,604,844 | 1.33\% |
|  |  | Unkn Rtg (Triparty) | 1,753,313 | 0.01\% |
|  | CMBS | Unkn Rtg (Triparty) | 28,805,387 | 0.23\% |
|  | Convertible Bonds-Domestic | A | 21,998,247 | 0.18\% |
|  |  | BBB | 34,227,690 | 0.28\% |
|  |  | Unkn Rtg (Triparty) | 202,630,414 | 1.63\% |
|  | Convertible Bonds-Foreign | BB | 372,908 | 0.00\% |
|  |  | B | 4,492,166 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 174,200,388 | 1.40\% |
|  | Corporates-Domestic | AAA | 108,933,996 | 0.88\% |
|  |  | AA | 106,693,712 | 0.86\% |
|  |  | A | 152,771,746 | 1.23\% |
|  |  | BBB | 361,571,056 | 2.91\% |
|  |  | BB | 117,488,660 | 0.95\% |
|  |  | B | 96,416,936 | 0.78\% |
|  |  | CCC-C | 30,673,198 | 0.25\% |
|  |  | D | 58,032,587 | 0.47\% |
|  |  | Unkn Rtg (Triparty) | 735,661,535 | 5.93\% |
|  | Corporates-Foreign | AAA | 20,600,064 | 0.17\% |
|  |  | AA | 7,706,009 | 0.06\% |
|  |  | A | 11,178,920 | 0.09\% |
|  |  | BBB | 36,677,119 | 0.30\% |
|  |  | BB | 173,001,871 | 1.39\% |
|  |  | B | 24,516,523 | 0.20\% |
|  |  | CCC-C | 11,891,326 | 0.10\% |
|  |  | D | 22,727,760 | 0.18\% |
|  |  | Unkn Rtg (Triparty) | 331,059,311 | 2.67\% |
|  | Equity-Domestic | Equity | 330,504,724 | 2.66\% |
|  | Equity-Foreign | Equity | 441,973,940 | 3.56\% |
|  | Foreign Sovereigns-Domestic | A | 1,639,354 | 0.01\% |
|  |  | BBB | 678,260 | 0.01\% |
|  |  | BB | 36,642,490 | 0.30\% |
|  |  | B | 70,121,684 | 0.56\% |
|  |  | CCC-C | 9,844,472 | 0.08\% |
|  |  | D | 12,844,792 | 0.10\% |
|  |  | Unkn Rtg (Triparty) | 1,303 | 0.00\% |
|  | Foreign Sovereigns-Foreign | AA | 1,151,343 | 0.01\% |
|  |  | BBB | 996,992 | 0.01\% |
|  |  | BB | 267,955 | 0.00\% |
|  |  | B | 20,562,203 | 0.17\% |
|  |  | Unkn Rtg (Triparty) | 273,393 | 0.00\% |
|  | MBS - Agency - CMO | Agency | Page 13890362, 665 | 3.14\% |
|  | MBS - Private (CMO) | AAA | 299,319,131 | 2.41\% |
|  |  | AA | 14,190,272 | 0.11\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | MBS - Private (CMO) (con't) | A | 13,112,278 | 0.11\% |
|  |  | BBB | 26,090,369 | 0.21\% |
|  |  | BB | 183,137,181 | 1.48\% |
|  |  | B | 148,210,052 | 1.19\% |
|  |  | CCC-C | 54,243,854 | 0.44\% |
|  |  | D | 2,033,997 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 45,260,494 | 0.36\% |
|  | Muni | AAA | 916,059,474 | 7.38\% |
|  |  | AA | 525,814,087 | 4.24\% |
|  |  | A | 661,743,449 | 5.33\% |
|  |  | BBB | 335,131,155 | 2.70\% |
|  |  | BB | 690,140 | 0.01\% |
|  |  | B | 21,318,791 | 0.17\% |
|  |  | CCC-C | 54,707,664 | 0.44\% |
|  |  | D | 3,098 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 118,122,184 | 0.95\% |
|  | Mutual Fund | AAA | 560,425,000 | 4.52\% |
|  |  | Unkn Rtg (Triparty) | 325,032,338 | 2.62\% |
|  | Supranational | AAA | 142,920,398 | 1.15\% |
|  | Treasury | Treasury | 1,092,112 | 0.01\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,649,929,814 | 13.29\% |
|  | Dealer Total |  | 12,411,964,667 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF collateral report for Tuesday , December 9 

Timothy Geithner, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Tuesday, December 9

- Total PDCF borrowing rose slightly to $\$ 52.51$ billion on Tuesday, an increase of $\$ 0.5$ billion.
- Morgan Stanley had the largest change in daily participation on Tuesday, reducing its borrowing by $\$ 2.82$ billion, representing a $28.4 \%$ decline. All other participants increased borrowing from Monday to Tuesday.
- The percentage of foreign denominated collateral pledged in PDCF increased on Tuesday from $10.32 \%$ to $13.1 \%$ of total collateral. This increase was primarily due to an additional $\$ 1$ billion of foreign denominated collateral pledged by Merrill Lynch.
- Of the $\$ 58.37$ billion of collateral pledged by all participants, $39.9 \%$ are investment grade securities, $11.2 \%$ are non-investment grade securities, $29.2 \%$ are equities, and $19.7 \%$ are securities with unknown ratings.


PDCF Charts and Tables - 20081209.doc
Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Tuesday, December 09, 2008

## Highlights

- Total PDCF borrowing rose slightly to $\$ 52.51$ billion on Tuesday, an increase of $\$ 0.5$ billion.
- Morgan Stanley had the largest change in daily participation on Tuesday, reducing its borrowing by $\$ 2.82$ billion, representing a $28.4 \%$ decline. All other participants increased borrowing from Monday to Tuesday.
- The percentage of foreign denominated collateral pledged in PDCF increased on Tuesday from $10.32 \%$ to $13.1 \%$ of total collateral. This increase was primarily due to an additional $\$ 1$ billion of foreign denominated collateral pledged by Merrill Lynch.
- Of the $\$ 58.37$ billion of collateral pledged by all participants, $39.9 \%$ are investment grade securities, $11.2 \%$ are non-investment grade securities, $29.2 \%$ are equities, and $19.7 \%$ are securities with unknown ratings.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{1 2 / 0 9 / 2 0 0 8}$ | $\mathbf{1 2 / 0 8 / 2 0 0 8}$ | $\mathbf{1 2 / 0 5 / 2 0 0 8}$ | $\mathbf{1 2 / 0 4 / 2 0 0 8}$ | $\mathbf{1 2 / 0 3 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Citigroup | 20.85 | 19.40 | 20.10 | 19.16 | 20.54 |
| Merrill Lynch | 24.35 | 22.51 | 22.59 | 22.92 | 22.82 |
| Mizuho | 0.20 | 0.17 | 0.17 | 0.17 | 0.17 |
| Morgan Stanley | 7.11 | 9.93 | 10.14 | 12.26 | 12.09 |
| Total Borrowings | 52.51 | 52.01 | 53.00 | $\mathbf{5 4 . 5 1}$ | $\mathbf{5 5 . 6 2}$ |
|  |  |  |  |  |  |
| Total Collateral $^{*}$ | 58.37 | $\mathbf{5 7 . 8 3}$ | $\mathbf{5 8 . 9 5}$ | $\mathbf{6 0 . 5 6}$ | $\mathbf{6 1 . 7 1}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 1 . 1 6 \%}$ | $\mathbf{1 1 . 1 9 \%}$ | $\mathbf{1 1 . 2 3 \%}$ | $\mathbf{1 1 . 1 0 \%}$ | $\mathbf{1 0 . 9 5 \%}$ |

[^24]PDCF Borrowing Trend


03/17/2008 04/09/2008 05/01/2008 05/23/2008 06/17/2008 07/10/2008 08/01/2008 08/25/2008 09/17/2008 10/09/2008 11/03/2008 11/26/2008 Date
$\longrightarrow$ Total Borrowing —Bear Stearns Borrowing —Other Borrowing $\longrightarrow$ Total Collateral

## Composition of Collateral Pledged for December 09 Borrowings - in millions

[^25]| Rating $^{1}$ | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley $^{2}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Treasury | 148.4 | 79.7 | - | 1.1 | 229.2 |
| Agency | 369.2 | 97.9 | - | 0.9 | 468.0 |
| AAA | $3,196.7$ | $4,746.6$ | - | $2,043.4$ | $9,986.7$ |
| AA | $3,679.5$ | 951.8 | 17.1 | 689.6 | $5,338.0$ |
| A | $1,311.7$ | $1,741.2$ | 164.3 | 784.5 | $4,001.7$ |
| BBB | $1,223.4$ | $1,148.4$ | - | 734.8 | $3,106.6$ |
| BB | 685.9 | $1,248.3$ | - | 371.2 | $2,305.3$ |
| B | 988.2 | 836.8 | - | 292.2 | $2,117.2$ |
| CCC-C | 841.3 | 722.8 | - | 121.9 | $1,686.0$ |
| D | 119.0 | 268.9 | - | 66.1 | 454.0 |
| A-1 | 180.3 | - | - | - | 180.3 |
| A-2 | - | - | - | - | - |
| A-3 | - | - | - | - | - |
| NP | - | - | - | - | - |
| Equity | $6,252.7$ | $9,968.6$ | - | 805.4 | $17,026.7$ |
| Unkn Rtg (Triparty) | $3,454.7$ | $\mathbf{4 , 5 5 9 . 2}$ | $\mathbf{2 9 . 3}$ | $\mathbf{1 , 7 7 8 . 2}$ | $9,821.4$ |
| Unkn Rtg (non-Triparty) | - | - | - | $1,649.9$ | $1,649.9$ |
| Total Collateral | $\mathbf{2 2 , 4 5 1 . 0}$ | $\mathbf{2 6 , 3 7 0 . 2}$ | $\mathbf{2 1 0 . 7}$ | $\mathbf{9 , 3 3 9 . 2}$ | $\mathbf{5 8 , 3 7 1 . 0}$ |
| Total Borrowings | $\mathbf{2 0 , 8 4 5 . 0}$ | $\mathbf{2 4 , 3 5 2 . 0}$ | $\mathbf{1 9 6 . 9}$ | $\mathbf{7 , 1 1 4 . 1}$ | $\mathbf{5 2 , 5 0 8 . 0}$ |
| Collateral Cushion | $\mathbf{7 . 7 0 \%}$ | $\mathbf{8 . 2 9 \%}$ | $\mathbf{7 . 0 1 \%}$ | $\mathbf{3 1 . 2 8 \%}$ | $\mathbf{1 1 . 1 7 \%}$ |

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Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $229,189,504$ | $0.39 \%$ |
| Agency | $468,005,851$ | $0.80 \%$ |
| AAA | $9,986,653,033$ | $17.11 \%$ |
| AA | $5,337,972,661$ | $9.14 \%$ |
| A | $4,001,720,446$ | $6.86 \%$ |
| BBB | $3,106,631,741$ | $5.32 \%$ |
| BB | $2,305,286,229$ | $3.95 \%$ |
| B | $2,117,163,751$ | $3.63 \%$ |
| CCC-C | $4,685,972,024$ | $2.89 \%$ |
| D | $180,996,969$ | $0.78 \%$ |
| A-1 | $17,026,739,656$ | $0.31 \%$ |
| Equity | $9,821,415,769$ | $29.17 \%$ |
| Unkn Rtg (Triparty) | $16.83 \%$ |  |
| Unkn Rtg (non-Triparty) | $1,649,929,814$ | $2.83 \%$ |
| Total | $58,371,027,418$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $3,999,182,930$ | $6.85 \%$ |
| Agency Debt | $382,028,248$ | $0.65 \%$ |
| Auction Rate | $3,460,774,178$ | $5.93 \%$ |
| CDs-CP-BAs | $203,072,749$ | $0.35 \%$ |
| CMBS | $259,714,617$ | $0.44 \%$ |
| Convertible Bonds-Domestic | $2,123,153,660$ | $3.64 \%$ |
| Convertible Bonds-Foreign | $872,071,538$ | $1.49 \%$ |
| Corporates-Domestic | $5,031,938,810$ | $8.62 \%$ |
| Corporates-Foreign | $1,718,732,704$ | $2.94 \%$ |
| Equity-Domestic | $13,245,979,704$ | $22.69 \%$ |
| Equity-Foreign | $3,780,760,264$ | $6.48 \%$ |
| Foreign Sovereigns-Domestic | $1,190,310,240$ | $2.04 \%$ |
| Foreign Sovereigns-Foreign | $1,271,984,839$ | $2.18 \%$ |
| MBS - Agency - CMO | $76,398,946$ | $0.13 \%$ |
| MBS - Agency - Pass Through | $9,578,658$ | $0.02 \%$ |
| MBS - Private (CMO) | $2,095,869,290$ | $3.59 \%$ |
| Muni | $12,408,095,360$ | $21.26 \%$ |
| Mutual Fund | $3,153,451,146$ | $5.40 \%$ |
| Other | $546,866,468$ | $0.94 \%$ |
| Supranational | $76,985,151$ | $0.13 \%$ |
| Treasury | $229,189,504$ | $0.39 \%$ |
| Whole Loans | $584,958,602$ | $1.00 \%$ |
| Whole Loans - DW | $1,649,929,814$ | $2.83 \%$ |
| Total | $58,371,027,418$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 76,337,799 | 0.34\% |
|  |  | AA | 127,611 | 0.00\% |
|  |  | A | 275,828,696 | 1.23\% |
|  |  | BBB | 152,463,980 | 0.68\% |
|  |  | BB | 198,778,934 | 0.89\% |
|  |  | B | 225,173,079 | 1.00\% |
|  |  | CCC-C | 97,707,032 | 0.44\% |
|  |  | D | 103,965,250 | 0.46\% |
|  |  | Unkn Rtg (Triparty) | 398,722,506 | 1.78\% |
|  | Agency Debt | Agency | 369,177,376 | 1.64\% |
|  | CDs-CP-BAs | A-1 | 180,349,656 | 0.80\% |
|  | CMBS | Unkn Rtg (Triparty) | 124,339,236 | 0.55\% |
|  | Convertible Bonds-Domestic | BB | 46,555,603 | 0.21\% |
|  |  | B | 17,000,000 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 1,124,645,252 | 5.01\% |
|  | Convertible Bonds-Foreign | BB | 6,006,711 | 0.03\% |
|  |  | B | 1,744,186 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 651,563,916 | 2.90\% |
|  | Corporates-Domestic | AAA | 13,309,887 | 0.06\% |
|  |  | AA | 27,756,013 | 0.12\% |
|  |  | A | 197,345,459 | 0.88\% |
|  |  | BBB | 168,332,677 | 0.75\% |
|  |  | BB | 211,525,667 | 0.94\% |
|  |  | B | 8,167,953 | 0.04\% |
|  |  | CCC-C | 712,067,283 | 3.17\% |
|  |  | D | 14,470,554 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 563,385,251 | 2.51\% |
|  | Corporates-Foreign | BBB | 114,072,688 | 0.51\% |
|  |  | BB | 9,531,187 | 0.04\% |
|  |  | CCC-C | 12,623,189 | 0.06\% |
|  |  | D | 564,092 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 17,375,457 | 0.08\% |
|  | Equity-Domestic | Equity | 5,727,632,732 | 25.51\% |
|  | Equity-Foreign | Equity | 525,082,972 | 2.34\% |
|  | Foreign Sovereigns-Domestic | BB | 622,753 | 0.00\% |
|  |  | B | 18,484,289 | 0.08\% |
|  |  | CCC-C | 8,818,118 | 0.04\% |
|  | Foreign Sovereigns-Foreign | BBB | 10,834,474 | 0.05\% |
|  |  | BB | 3,867,845 | 0.02\% |
|  | MBS - Private (CMO) | A | 47,851,182 | 0.21\% |
|  |  | BBB | 69,120,270 | 0.31\% |
|  |  | BB | 208,967,345 | 0.93\% |
|  |  | B | Pagad, 940,786 | 3.19\% |
|  |  | CCC-C | 10,011,415 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 50,548,268 | 0.23\% |
|  | Muni | AAA | 1,188,185,065 | 5.29\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Muni (con't) | Unkn Rtg (Triparty) | 201,276,389 | 0.90\% |
|  | Mutual Fund | AAA | 1,918,625,000 | 8.55\% |
|  |  | Unkn Rtg (Triparty) | 322,830,467 | 1.44\% |
|  | Supranational | AAA | 243,795 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 2,997 | 0.00\% |
|  | Treasury | Treasury | 148,384,107 | 0.66\% |
|  | Dealer Total |  | 22,450,957,170 | 100.00\% |
| Merrill Lynch | ABS | AAA | 340,966,549 | 1.29\% |
|  |  | AA | 81,108,391 | 0.31\% |
|  |  | A | 290,922,068 | 1.10\% |
|  |  | BBB | 108,723,232 | 0.41\% |
|  |  | BB | 208,861,402 | 0.79\% |
|  |  | B | 264,873,755 | 1.00\% |
|  |  | CCC-C | 263,243,802 | 1.00\% |
|  |  | D | 127,021,600 | 0.48\% |
|  |  | Unkn Rtg (Triparty) | 265,811,416 | 1.01\% |
|  | Agency Debt | Agency | 12,076,062 | 0.05\% |
|  | Auction Rate | AAA | 2,870,384,804 | 10.88\% |
|  |  | AA | 156,836,550 | 0.59\% |
|  |  | A | 92,399,340 | 0.35\% |
|  |  | BBB | 125,994,797 | 0.48\% |
|  |  | CCC-C | 29,500,177 | 0.11\% |
|  |  | Unkn Rtg (Triparty) | 185,658,510 | 0.70\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 22,689,968 | 0.09\% |
|  | CMBS | Unkn Rtg (Triparty) | 105,577,728 | 0.40\% |
|  | Convertible Bonds-Domestic | A | 17,527,164 | 0.07\% |
|  |  | CCC-C | 60,910,534 | 0.23\% |
|  |  | D | 3,396,844 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 562,705,804 | 2.13\% |
|  | Convertible Bonds-Foreign | BBB | 2,294 | 0.00\% |
|  |  | B | 232 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 66,086,482 | 0.25\% |
|  | Corporates-Domestic | AAA | 80,078,505 | 0.30\% |
|  |  | AA | 8,598,413 | 0.03\% |
|  |  | A | 236,865,815 | 0.90\% |
|  |  | BBB | 104,744,877 | 0.40\% |
|  |  | BB | 65,134,190 | 0.25\% |
|  |  | B | 87,884,659 | 0.33\% |
|  |  | CCC-C | 348,307,806 | 1.32\% |
|  |  | D | 108,096,195 | 0.41\% |
|  |  | Unkn Rtg (Triparty) | 597,874,980 | 2.27\% |
|  | Corporates-Foreign | AAA | 25,496,406 | 0.10\% |
|  |  | AA | 35,486,169 | 0.13\% |
|  |  | A | 142,360,117 | 0.54\% |
|  |  | BBB | Page 1534,4才12737 | 0.59\% |
|  |  | BB | 266,633,901 | 1.01\% |
|  |  | B | 28,802,823 | 0.11\% |
|  |  | CCC-C | 11,034,226 | 0.04\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Equity-Foreign | Equity | 2,795,450,583 | 10.60\% |
|  | Foreign Sovereigns-Domestic | AAA | 716,787 | 0.00\% |
|  |  | AA | 4,500,764 | 0.02\% |
|  |  | A | 31,456,342 | 0.12\% |
|  |  | BBB | 142,112,888 | 0.54\% |
|  |  | BB | 532,195,537 | 2.02\% |
|  |  | B | 161,169,933 | 0.61\% |
|  |  | CCC-C | 4,744,549 | 0.02\% |
|  |  | D | 9,062,278 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 4,766,507 | 0.02\% |
|  | Foreign Sovereigns-Foreign | AAA | 896,043,446 | 3.40\% |
|  |  | AA | 6,875,115 | 0.03\% |
|  |  | A | 134,915,589 | 0.51\% |
|  |  | BBB | 94,644,896 | 0.36\% |
|  |  | BB | 16,621,665 | 0.06\% |
|  |  | B | 58,601,024 | 0.22\% |
|  |  | D | 1,781,676 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 641,198 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 76,235,856 | 0.29\% |
|  | MBS - Agency - Pass Through | Agency | 9,578,658 | 0.04\% |
|  | MBS - Private (CMO) | AAA | 348,245,249 | 1.32\% |
|  |  | AA | 98,330,381 | 0.37\% |
|  |  | A | 50,128,238 | 0.19\% |
|  |  | BBB | 18,932,214 | 0.07\% |
|  |  | BB | 148,460,793 | 0.56\% |
|  |  | B | 233,887,071 | 0.89\% |
|  |  | CCC-C | 4,192,267 | 0.02\% |
|  |  | D | 1,189,407 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 15,769,085 | 0.06\% |
|  | Muni | AAA | 183,344,387 | 0.70\% |
|  |  | AA | 560,038,140 | 2.12\% |
|  |  | A | 441,517,659 | 1.67\% |
|  |  | BBB | 398,816,886 | 1.51\% |
|  |  | BB | 10,343,382 | 0.04\% |
|  |  | B | 1,556,402 | 0.01\% |
|  |  | CCC-C | 840,539 | 0.00\% |
|  |  | D | 499 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 1,643,243,698 | 6.23\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 10,734,201 | 0.04\% |
|  | Other | A | 303,120,000 | 1.15\% |
|  |  | Unkn Rtg (Triparty) | 243,746,468 | 0.92\% |
|  | Supranational | AAA | 1,312,940 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 26,683 | 0.00\% |
|  | Treasury | Treasury | 79,699,985 | 0.30\% |
|  | Whole Loans | Unkn Rtg (Triparty) | 584,958,602 | 2.22\% |
|  | Dealer Total |  | 26,370,174,309 | 100.00\% |
| Mizuho | Corporates-Domestic | AA | Page 1610992,651 | 8.11\% |
|  |  | A | 164,324,217 | 77.99\% |
|  |  | Unkn Rtg (Triparty) | 29,273,277 | 13.89\% |
|  | Dealer Total |  | 210,689,146 | 100.00\% |
| Morgan Stanley | ABS | AAA | 355,992,200 | 3.81\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | ABS (con't) | AA | 20,914,050 | 0.22\% |
|  |  | A | 47,849,972 | 0.51\% |
|  |  | BBB | 18,529,232 | 0.20\% |
|  |  | BB | 29,453,272 | 0.32\% |
|  |  | B | 2,648,637 | 0.03\% |
|  |  | CCC-C | 4,673,686 | 0.05\% |
|  |  | D | 680,404 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 37,804,374 | 0.40\% |
|  | Agency Debt | Agency | 774,810 | 0.01\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 33,125 | 0.00\% |
|  | CMBS | Unkn Rtg (Triparty) | 29,797,653 | 0.32\% |
|  | Convertible Bonds-Domestic | A | 21,955,701 | 0.24\% |
|  |  | BBB | 35,682,798 | 0.38\% |
|  |  | Unkn Rtg (Triparty) | 232,773,960 | 2.49\% |
|  | Convertible Bonds-Foreign | BB | 373,042 | 0.00\% |
|  |  | B | 4,602,867 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 141,691,809 | 1.52\% |
|  | Corporates-Domestic | AAA | 88,211,147 | 0.94\% |
|  |  | AA | 112,132,281 | 1.20\% |
|  |  | A | 39,548,310 | 0.42\% |
|  |  | BBB | 272,333,912 | 2.92\% |
|  |  | BB | 116,642,663 | 1.25\% |
|  |  | B | 83,987,990 | 0.90\% |
|  |  | CCC-C | 31,135,916 | 0.33\% |
|  |  | D | 12,133,361 | 0.13\% |
|  |  | Unkn Rtg (Triparty) | 511,177,899 | 5.47\% |
|  | Corporates-Foreign | AAA | 20,939,331 | 0.22\% |
|  |  | AA | 10,462,263 | 0.11\% |
|  |  | A | 17,016,159 | 0.18\% |
|  |  | BBB | 43,941,575 | 0.47\% |
|  |  | BB | 143,794,451 | 1.54\% |
|  |  | B | 24,473,821 | 0.26\% |
|  |  | CCC-C | 15,034,913 | 0.16\% |
|  |  | D | 31,919,875 | 0.34\% |
|  |  | Unkn Rtg (Triparty) | 325,417,424 | 3.48\% |
|  | Equity-Domestic | Equity | 345,154,354 | 3.70\% |
|  | Equity-Foreign | Equity | 460,226,709 | 4.93\% |
|  | Foreign Sovereigns-Domestic | AA | 4,642,875 | 0.05\% |
|  |  | A | 1,635,681 | 0.02\% |
|  |  | BBB | 9,167,325 | 0.10\% |
|  |  | BB | 76,915,453 | 0.82\% |
|  |  | B | 107,480,616 | 1.15\% |
|  |  | CCC-C | 16,258,317 | 0.17\% |
|  |  | D | 21,327,050 | 0.23\% |
|  |  | Unkn Rtg (Triparty) | 34,232,177 | 0.37\% |
|  | Foreign Sovereigns-Foreign | AAA | 1,085,977 | 0.01\% |
|  |  | AA | 1,163,835 | 0.01\% |
|  |  | BBB | 1,013,558 | 0.01\% |
|  |  | BB | Page 19 048\&,699 | 0.00\% |
|  |  | B | 43,605,842 | 0.47\% |
|  | MBS - Agency - CMO | Agency | 163,090 | 0.00\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | MBS - Private (CMO) | AAA | 23,023,396 | 0.25\% |
|  |  | AA | 14,398,629 | 0.15\% |
|  |  | A | 13,225,246 | 0.14\% |
|  |  | BBB | 14,378,534 | 0.15\% |
|  |  | BB | 3,048,496 | 0.03\% |
|  |  | B | 4,056,013 | 0.04\% |
|  |  | CCC-C | 19,017 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 1,141,070 | 0.01\% |
|  | Muni | AAA | 915,511,630 | 9.80\% |
|  |  | AA | 525,875,207 | 5.63\% |
|  |  | A | 643,277,296 | 6.89\% |
|  |  | BBB | 339,773,922 | 3.64\% |
|  |  | BB | 663,237 | 0.01\% |
|  |  | B | 21,318,205 | 0.23\% |
|  |  | CCC-C | 54,807,578 | 0.59\% |
|  |  | D | 2,219 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 126,095,217 | 1.35\% |
|  | Mutual Fund | AAA | 563,200,000 | 6.03\% |
|  |  | Unkn Rtg (Triparty) | 338,061,478 | 3.62\% |
|  | Supranational | AAA | 75,398,736 | 0.81\% |
|  | Treasury | Treasury | 1,105,413 | 0.01\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,649,929,814 | 17.67\% |
|  | Dealer Total |  | 9,339,206,793 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Wednesday , December 10
Timothy Geithner, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 12/11/2008 10:34 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Wednesday, December 10

- Total PDCF borrowing decreased by slightly less than $\$ 1$ billion to $\$ 51.59$ billion on Wednesday.
- Borrowing by both Citigroup and Merrill Lynch decreased slightly, by $\$ 0.68$ billion and $\$ 0.24$ billion, respectively.
- Merrill Lynch remains the largest participant in the facility with $\$ 24.11$ billion in borrowings. Of its $\$ 26.1$ billion of pledged collateral, $33.5 \%$ are investment grade securities, $10.4 \%$ are non-investment grade securities, $38.2 \%$ are equities, and $17.9 \%$ are securities with unknown ratings. Foreign denominated securities accounted for $19.2 \%$ of collateral pledged by Merrill Lynch.
- The total PDCF collateral consists primarily of equities (28.6\%), municipal debt ( $21.7 \%$ ), and corporate debt (11.8\%). Foreign denominated securities account for $13.6 \%$ of the total collateral pledged in the facility.

```
    #
PDCF Charts and Tables - 20081210.doc
```

Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

## RESTRICTED-FR

## Primary Dealer Credit Facility Collateral Report

For Wednesday, December 10, 2008

## Highlights

- Total PDCF borrowing decreased by slightly less than $\$ 1$ billion to $\$ 51.59$ billion on Wednesday.
- Borrowing by both Citigroup and Merrill Lynch decreased slightly, by $\$ 0.68$ billion and $\$ 0.24$ billion, respectively.
- Merrill Lynch remains the largest participant in the facility with $\$ 24.11$ billion in borrowings. Of its $\$ 26.1$ billion of pledged collateral, $33.5 \%$ are investment grade securities, $10.4 \%$ are non-investment grade securities, $38.2 \%$ are equities, and $17.9 \%$ are securities with unknown ratings. Foreign denominated securities accounted for $19.2 \%$ of collateral pledged by Merrill Lynch.
- The total PDCF collateral consists primarily of equities (28.6\%), municipal debt (21.7\%), and corporate debt (11.8\%). Foreign denominated securities account for $13.6 \%$ of the total collateral pledged in the facility.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{1 2 / 1 0 / 2 0 0 8}$ | $\mathbf{1 2 / 0 9 / 2 0 0 8}$ | $\mathbf{1 2 / 0 8 / 2 0 0 8}$ | $\mathbf{1 2 / 0 5 / 2 0 0 8}$ | $\mathbf{1 2 / 0 4 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Citigroup | 20.17 | 20.85 | 19.40 | 20.10 | 19.16 |
| Merrill Lynch | 24.11 | 24.35 | 22.51 | 22.59 | 22.92 |
| Mizuho | 0.20 | 0.20 | 0.17 | 0.17 | 0.17 |
| Morgan Stanley | 7.11 | 7.11 | 9.93 | 10.14 | 12.26 |
| Total Borrowings | 51.59 | $\mathbf{5 2 . 5 1}$ | $\mathbf{5 2 . 0 1}$ | $\mathbf{5 3 . 0 0}$ | $\mathbf{5 4 . 5 1}$ |
|  |  |  |  |  |  |
| Total Collateral $^{*}$ | $\mathbf{5 7 . 4 1}$ | $\mathbf{5 8 . 3 7}$ | $\mathbf{5 7 . 8 3}$ | $\mathbf{5 8 . 9 5}$ | $\mathbf{6 0 . 5 6}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 1 . 2 8 \%}$ | $\mathbf{1 1 . 1 6 \%}$ | $\mathbf{1 1 . 1 9 \%}$ | $\mathbf{1 1 . 2 3 \%}$ | $\mathbf{1 1 . 1 0 \%}$ |

* Includes additional commercial loans in a Borrower-In-Custody arrangement. Further legal review of swap receivable collateral suggests that the Reserve Bank does not have a claim against swap receivables collateral unless the pledging dealer has explicitly borrowed against this collateral. As such, swap receivables collateral has been removed from the collateral totals in this report.

PDCF Borrowing Trend


## Composition of Collateral Pledged for December 10 Borrowings - in millions

[^26]|  | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Treasury | 196.5 | 3.2 | - | 1.1 | 200.8 |
| Agency | 315.1 | 11.6 | - | 1.2 | 328.0 |
| AAA | $3,225.6$ | $4,490.2$ | - | $1,999.3$ | $9,715.1$ |
| AA | $3,627.4$ | $1,209.5$ | 17.4 | 677.7 | $5,532.0$ |
| A | $1,313.2$ | $1,827.8$ | 165.0 | 809.3 | $4,115.4$ |
| BBB | $1,263.6$ | $1,198.5$ | - | 731.3 | $3,193.4$ |
| BB | 667.2 | $1,272.3$ | - | 384.8 | $2,2424.3$ |
| B | 960.8 | 876.1 | - | 301.3 | $2,138.1$ |
| CCC-C | 834.8 | 345.8 | - | 130.3 | $1,311.0$ |
| D | 109.5 | 226.7 | - | 67.2 | 403.4 |
| A-1 | 16.3 | - | - | - | 16.3 |
| A-2 | 8.9 | - | - | - | 8.9 |
| A-3 | - | - | - | - | - |
| NP | - | - | - | - | - |
| Equity | $5,606.6$ | $9,990.6$ | - | 804.2 | $16,401.4$ |
| Unkn Rtg (Triparty) | $3,587.9$ | $4,670.5$ | 29.6 | $\mathbf{1 , 7 8 0 . 7}$ | $10,068.7$ |
| Unkn Rtg (non-Triparty) | - | - | - | $\mathbf{1 , 6 4 9 . 9}$ | $1,649.9$ |
| Total Collateral | $\mathbf{2 1 , 7 3 3 . 5}$ | $\mathbf{2 6 , 1 2 2 . 7}$ | $\mathbf{2 1 2 . 0}$ | $\mathbf{9 , 3 3 8 . 6}$ | $\mathbf{5 7 , 4 0 6 . 8}$ |
| Total Borrowings | $\mathbf{2 0 , 1 7 0 . 0}$ | $\mathbf{2 4 , 1 1 3 . 0}$ | $\mathbf{1 9 8 . 2}$ | $\mathbf{7 , 1 1 2 . 4}$ | $\mathbf{5 1 , 5 9 3 . 5}$ |
| Collateral Cushion | $\mathbf{7 . 7 5 \%}$ | $\mathbf{8 . 3 3 \%}$ | $\mathbf{6 . 9 8 \%}$ | $\mathbf{3 1 . 3 0 \%}$ | $\mathbf{1 1 . 2 7 \%}$ |

Page 3 of 21

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Page 5 of 21

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $200,803,988$ | $0.35 \%$ |
| Agency | $327,982,219$ | $0.57 \%$ |
| AAA | $9,715,123,774$ | $16.92 \%$ |
| AA | $5,532,028,142$ | $9.64 \%$ |
| A | $4,115,431,891$ | $7.17 \%$ |
| BBB | $3,193,370,547$ | $5.56 \%$ |
| BB | $2,324,336,939$ | $4.05 \%$ |
| B | $2,138,132,685$ | $3.72 \%$ |
| CCC-C | $1,310,966,027$ | $2.28 \%$ |
| D | $403,406,758$ | $0.70 \%$ |
| A-1 | $16,276,301$ | $0.03 \%$ |
| A-2 | $8,910,859$ | $0.02 \%$ |
| Equity | $16,401,398,256$ | $28.57 \%$ |
| Unkn Rtg (Triparty) | $10,068,731,906$ | $17.54 \%$ |
| Unkn Rtg (non-Triparty) | $1,649,929,814$ | $2.87 \%$ |
| Total | $57,406,830,106$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $3,948,478,015$ | $6.88 \%$ |
| Agency Debt | $327,742,133$ | $0.57 \%$ |
| Auction Rate | $3,471,068,770$ | $6.05 \%$ |
| CDs-CP-BAs | $47,949,839$ | $0.08 \%$ |
| CMBS | $264,346,543$ | $0.46 \%$ |
| Convertible Bonds-Domestic | $2,193,679,376$ | $3.82 \%$ |
| Convertible Bonds-Foreign | $879,225,250$ | $1.53 \%$ |
| Corporates-Domestic | $4,908,368,051$ | $8.55 \%$ |
| Corporates-Foreign | $1,881,214,183$ | $3.28 \%$ |
| Equity-Domestic | $12,315,783,746$ | $21.45 \%$ |
| Equity-Foreign | $4,085,614,510$ | $7.12 \%$ |
| Foreign Sovereigns-Domestic | $1,235,068,708$ | $2.15 \%$ |
| Foreign Sovereigns-Foreign | $931,715,389$ | $1.62 \%$ |
| MBS - Agency - CMO | 163,901 | $0.00 \%$ |
| MBS - Agency - Pass Through | 76,185 | $0.00 \%$ |
| MBS - Private (CMO) | $2,231,644,396$ | $3.89 \%$ |
| Muni | $12,476,866,466$ | $21.73 \%$ |
| Mutual Fund | $3,169,979,024$ | $5.52 \%$ |
| Other | $546,731,468$ | $0.95 \%$ |
| Supranational | $55,163,957$ | $0.10 \%$ |
| Treasury | $200,803,988$ | $0.35 \%$ |
| Whole Loans | $585,216,396$ | $1.02 \%$ |
| Whole Loans - DW | $1,649,929,814$ | $2.87 \%$ |
| Total | $57,406,830,106$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 76,330,385 | 0.35\% |
|  |  | AA | 127,611 | 0.00\% |
|  |  | A | 275,585,296 | 1.27\% |
|  |  | BBB | 150,071,354 | 0.69\% |
|  |  | BB | 198,055,254 | 0.91\% |
|  |  | B | 210,921,412 | 0.97\% |
|  |  | CCC-C | 93,175,414 | 0.43\% |
|  |  | D | 94,506,640 | 0.43\% |
|  |  | Unkn Rtg (Triparty) | 389,079,316 | 1.79\% |
|  | Agency Debt | Agency | 315,136,030 | 1.45\% |
|  | CDs-CP-BAs | A-1 | 16,276,301 | 0.07\% |
|  |  | A-2 | 8,910,859 | 0.04\% |
|  | CMBS | Unkn Rtg (Triparty) | 130,773,345 | 0.60\% |
|  | Convertible Bonds-Domestic | BB | 47,513,402 | 0.22\% |
|  |  | B | 17,000,000 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 1,218,040,554 | 5.60\% |
|  | Convertible Bonds-Foreign | BB | 6,035,691 | 0.03\% |
|  |  | B | 1,745,836 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 644,996,792 | 2.97\% |
|  | Corporates-Domestic | AAA | 53,592,894 | 0.25\% |
|  |  | AA | 27,762,676 | 0.13\% |
|  |  | A | 246,586,293 | 1.13\% |
|  |  | BBB | 200,081,084 | 0.92\% |
|  |  | BB | 208,383,210 | 0.96\% |
|  |  | B | 8,169,709 | 0.04\% |
|  |  | CCC-C | 712,757,805 | 3.28\% |
|  |  | D | 14,486,777 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 571,119,893 | 2.63\% |
|  | Corporates-Foreign | A | 1,018,682 | 0.00\% |
|  |  | BBB | 119,381,922 | 0.55\% |
|  |  | BB | 9,503,512 | 0.04\% |
|  |  | CCC-C | 12,373,286 | 0.06\% |
|  |  | D | 508,442 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 17,323,160 | 0.08\% |
|  | Equity-Domestic | Equity | 5,024,805,195 | 23.12\% |
|  | Equity-Foreign | Equity | 581,787,690 | 2.68\% |
|  | Foreign Sovereigns-Domestic | BB | 622,978 | 0.00\% |
|  |  | B | 4,985,415 | 0.02\% |
|  |  | CCC-C | 8,820,251 | 0.04\% |
|  | Foreign Sovereigns-Foreign | BBB | 10,887,833 | 0.05\% |
|  |  | BB | 3,893,037 | 0.02\% |
|  | MBS - Private (CMO) | A | 1,609,135 | 0.01\% |
|  |  | BBB | Paga4,449,24才 | 0.34\% |
|  |  | BB | 193,185,533 | 0.89\% |
|  |  | B | 717,373,453 | 3.30\% |
|  |  | CCC-C | 7,672,973 | 0.04\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Muni (con't) | B | 579,800 | 0.00\% |
|  |  | CCC-C | 41,668 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 197,430,836 | 0.91\% |
|  | Mutual Fund | AAA | 1,933,625,000 | 8.90\% |
|  |  | Unkn Rtg (Triparty) | 322,590,446 | 1.48\% |
|  | Supranational | AAA | 245,146 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 2,997 | 0.00\% |
|  | Treasury | Treasury | 196,510,500 | 0.90\% |
|  | Dealer Total |  | 21,733,463,463 | 100.00\% |
| Merrill Lynch | ABS | AAA | 348,686,039 | 1.33\% |
|  |  | AA | 76,466,222 | 0.29\% |
|  |  | A | 291,714,098 | 1.12\% |
|  |  | BBB | 109,181,129 | 0.42\% |
|  |  | BB | 200,943,033 | 0.77\% |
|  |  | B | 262,886,408 | 1.01\% |
|  |  | CCC-C | 262,436,041 | 1.00\% |
|  |  | D | 126,131,766 | 0.48\% |
|  |  | Unkn Rtg (Triparty) | 265,822,651 | 1.02\% |
|  | Agency Debt | Agency | 11,528,859 | 0.04\% |
|  | Auction Rate | AAA | 2,870,665,493 | 10.99\% |
|  |  | AA | 156,836,550 | 0.60\% |
|  |  | A | 92,399,340 | 0.35\% |
|  |  | BBB | 135,608,700 | 0.52\% |
|  |  | CCC-C | 29,500,177 | 0.11\% |
|  |  | Unkn Rtg (Triparty) | 186,058,510 | 0.71\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 22,729,325 | 0.09\% |
|  | CMBS | Unkn Rtg (Triparty) | 102,869,175 | 0.39\% |
|  | Convertible Bonds-Domestic | A | 17,575,137 | 0.07\% |
|  |  | CCC-C | 16,431,984 | 0.06\% |
|  |  | D | 3,397,473 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 560,518,004 | 2.15\% |
|  | Convertible Bonds-Foreign | BBB | 2,323 | 0.00\% |
|  |  | B | 229 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 65,850,837 | 0.25\% |
|  | Corporates-Domestic | AAA | 80,665,646 | 0.31\% |
|  |  | AA | 16,198,873 | 0.06\% |
|  |  | A | 230,784,812 | 0.88\% |
|  |  | BBB | 117,187,533 | 0.45\% |
|  |  | BB | 67,085,114 | 0.26\% |
|  |  | B | 94,148,778 | 0.36\% |
|  |  | CCC-C | 12,739,052 | 0.05\% |
|  |  | D | 68,439,212 | 0.26\% |
|  |  | Unkn Rtg (Triparty) | 754,162,399 | 2.89\% |
|  | Corporates-Foreign | AAA | 25,741,318 | 0.10\% |
|  |  | AA | Page 193, 0 \$22046 | 0.35\% |
|  |  | A | 213,459,171 | 0.82\% |
|  |  | BBB | 163,940,045 | 0.63\% |
|  |  | BB | 265,087,982 | 1.01\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Foreign (con't) | Unkn Rtg (Triparty) | 256,003,552 | 0.98\% |
|  | Equity-Domestic | Equity | 6,947,303,640 | 26.59\% |
|  | Equity-Foreign | Equity | 3,043,257,470 | 11.65\% |
|  | Foreign Sovereigns-Domestic | AAA | 716,809 | 0.00\% |
|  |  | AA | 5,310,899 | 0.02\% |
|  |  | A | 31,415,640 | 0.12\% |
|  |  | BBB | 143,141,889 | 0.55\% |
|  |  | BB | 580,784,526 | 2.22\% |
|  |  | B | 161,380,790 | 0.62\% |
|  |  | CCC-C | 4,746,894 | 0.02\% |
|  |  | D | 9,232,118 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 4,761,835 | 0.02\% |
|  | Foreign Sovereigns-Foreign | AAA | 537,292,871 | 2.06\% |
|  |  | AA | 3,611,393 | 0.01\% |
|  |  | A | 134,215,047 | 0.51\% |
|  |  | BBB | 88,475,603 | 0.34\% |
|  |  | BB | 18,117,232 | 0.07\% |
|  |  | B | 58,057,149 | 0.22\% |
|  |  | D | 1,781,635 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 671,884 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 894 | 0.00\% |
|  | MBS - Agency - Pass Through | Agency | 76,185 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 415,952,267 | 1.59\% |
|  |  | AA | 159,928,190 | 0.61\% |
|  |  | A | 46,042,515 | 0.18\% |
|  |  | BBB | 32,051,534 | 0.12\% |
|  |  | BB | 125,194,793 | 0.48\% |
|  |  | B | 268,126,848 | 1.03\% |
|  |  | CCC-C | 8,050,460 | 0.03\% |
|  |  | D | 1,169,034 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 15,798,787 | 0.06\% |
|  | Muni | AAA | 209,157,140 | 0.80\% |
|  |  | AA | 698,552,991 | 2.67\% |
|  |  | A | 467,113,467 | 1.79\% |
|  |  | BBB | 408,892,269 | 1.57\% |
|  |  | BB | 15,087,434 | 0.06\% |
|  |  | B | 1,553,303 | 0.01\% |
|  |  | CCC-C | 839,208 | 0.00\% |
|  |  | D | 599 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 1,595,679,360 | 6.11\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 10,701,003 | 0.04\% |
|  | Other | A | 303,120,000 | 1.16\% |
|  |  | Unkn Rtg (Triparty) | 243,611,468 | 0.93\% |
|  | Supranational | AAA | 1,314,865 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 26,846 | 0.00\% |
|  | Treasury | Treasury | 3,200,222 | 0.01\% |
|  | Whole Loans | Unkn Rtg (Triparty) | Page 1885810,396 | 2.24\% |
|  | Dealer Total |  | 26,122,707,396 | 100.00\% |
| Mizuho | Corporates-Domestic | AA | 17,448,464 | 8.23\% |
|  |  | A | 165,001,561 | 77.81\% |
|  |  | Unkn Rtg (Triparty) | 29,598,067 | 13.96\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Mizuho (con't) | Dealer Total |  | 212,048,092 | 100.00\% |
| Morgan Stanley | ABS | AAA | 355,161,841 | 3.80\% |
|  |  | AA | 20,887,229 | 0.22\% |
|  |  | A | 47,752,648 | 0.51\% |
|  |  | BBB | 17,474,798 | 0.19\% |
|  |  | BB | 29,917,440 | 0.32\% |
|  |  | B | 1,006,521 | 0.01\% |
|  |  | CCC-C | 4,400,068 | 0.05\% |
|  |  | D | 681,590 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 39,075,815 | 0.42\% |
|  | Agency Debt | Agency | 1,077,243 | 0.01\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 33,354 | 0.00\% |
|  | CMBS | Unkn Rtg (Triparty) | 30,704,024 | 0.33\% |
|  | Convertible Bonds-Domestic | A | 41,872,386 | 0.45\% |
|  |  | BBB | 41,617,334 | 0.45\% |
|  |  | Unkn Rtg (Triparty) | 229,713,102 | 2.46\% |
|  | Convertible Bonds-Foreign | BB | 447,661 | 0.00\% |
|  |  | B | 4,804,135 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 155,341,747 | 1.66\% |
|  | Corporates-Domestic | AAA | 62,557,755 | 0.67\% |
|  |  | AA | 106,971,065 | 1.15\% |
|  |  | A | 55,650,109 | 0.60\% |
|  |  | BBB | 262,376,395 | 2.81\% |
|  |  | BB | 119,496,263 | 1.28\% |
|  |  | B | 79,833,273 | 0.85\% |
|  |  | CCC-C | 35,677,489 | 0.38\% |
|  |  | D | 12,478,476 | 0.13\% |
|  |  | Unkn Rtg (Triparty) | 476,927,375 | 5.11\% |
|  | Corporates-Foreign | AAA | 20,903,077 | 0.22\% |
|  |  | AA | 5,870,069 | 0.06\% |
|  |  | A | 9,782,081 | 0.10\% |
|  |  | BBB | 32,129,665 | 0.34\% |
|  |  | BB | 154,360,164 | 1.65\% |
|  |  | B | 26,931,715 | 0.29\% |
|  |  | CCC-C | 18,490,461 | 0.20\% |
|  |  | D | 31,826,365 | 0.34\% |
|  |  | Unkn Rtg (Triparty) | 346,488,507 | 3.71\% |
|  | Equity-Domestic | Equity | 343,674,911 | 3.68\% |
|  | Equity-Foreign | Equity | 460,569,349 | 4.93\% |
|  | Foreign Sovereigns-Domestic | AA | 4,655,313 | 0.05\% |
|  |  | A | 1,645,007 | 0.02\% |
|  |  | BBB | 9,237,949 | 0.10\% |
|  |  | BB | 74,609,818 | 0.80\% |
|  |  | B | 116,275,439 | 1.25\% |
|  |  | CCC-C | 16,266,195 | 0.17\% |
|  |  | D | 22,193,881 | 0.24\% |
|  |  | Unkn Rtg (Triparty) | 34,265,063 | 0.37\% |
|  | Foreign Sovereigns-Foreign | BBB | 9,989,808 | 0.11\% |
|  |  | BB | Paze59,920 | $210.03 \%$ |
|  |  | B | 47,074,106 | 0.50\% |
|  |  | Unkn Rtg (Triparty) | 15,288,068 | 0.16\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | MBS - Agency - CMO | Agency | 163,006 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 23,674,197 | 0.25\% |
|  |  | AA | 10,391,970 | 0.11\% |
|  |  | A | 13,034,198 | 0.14\% |
|  |  | BBB | 12,964,400 | 0.14\% |
|  |  | BB | 2,922,753 | 0.03\% |
|  |  | B | 4,043,398 | 0.04\% |
|  |  | CCC-C | 19,102 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 1,120,936 | 0.01\% |
|  | Muni | AAA | 917,735,508 | 9.83\% |
|  |  | AA | 528,953,006 | 5.66\% |
|  |  | A | 639,609,405 | 6.85\% |
|  |  | BBB | 345,528,776 | 3.70\% |
|  |  | BB | 730,385 | 0.01\% |
|  |  | B | 21,321,133 | 0.23\% |
|  |  | CCC-C | 55,482,555 | 0.59\% |
|  |  | D | 2,571 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 114,430,230 | 1.23\% |
|  | Mutual Fund | AAA | 565,725,000 | 6.06\% |
|  |  | Unkn Rtg (Triparty) | 337,337,575 | 3.61\% |
|  | Supranational | AAA | 53,574,104 | 0.57\% |
|  | Treasury | Treasury | 1,093,266 | 0.01\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,649,929,814 | 17.67\% |
|  | Dealer Total |  | 9,338,611,155 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

## RESTRICTED FR

Highlights for Monday, December 15

- Total PDCF borrowing remained virtually unchanged at $\$ 51.46$ billion. Morgan Stanley increased borrowing by $\$ 0.6$ billion while both Citigroup and Merrill Lynch slightly decreased borrowing .
- Of the $\$ 57.23$ billion of collateral pledged by all participants, $39.2 \%$ are investment grade securities, $11.7 \%$ are non-investment grade securities, $28.4 \%$ are equities, $17.8 \%$ are securities with unknown ratings, and $2.9 \%$ are whole loans pledged through the Discount Window. This represents a modest shift away from investment grade securities towards equities and securities with unknown ratings since the start of December.
- Goldman Sachs, Merrill Lynch, Morgan Stanley, and Citigroup are permitted to pledge foreign denominated securities as collateral against PDCF borrowing. Foreign denominated collateral accounts for $11.25 \%$ of the total collateral pledged across all participants. Merrill Lynch has $\$ 4.01$ billion of foreign denominated collateral while Morgan Stanley has $\$ 1.56$ billion and Citigroup has $\$ 0.87$ billion. Goldman Sachs has not borrowed through the program since November 26th.

Regards,
Tony

Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Monday, December 15, 2008

## Highlights

- Total PDCF borrowing remained virtually unchanged at $\$ 51.46$ billion. Morgan Stanley increased borrowing by $\$ 0.6$ billion while both Citigroup and Merrill Lynch slightly decreased borrowing.
- Of the $\$ 57.23$ billion of collateral pledged by all participants, $39.2 \%$ are investment grade securities, $11.7 \%$ are non-investment grade securities, $28.4 \%$ are equities, $17.8 \%$ are securities with unknown ratings, and $2.9 \%$ are whole loans pledged through the Discount Window. This represents a modest shift away from investment grade securities towards equities and securities with unknown ratings since the start of December.
- Goldman Sachs, Merrill Lynch, Morgan Stanley, and Citigroup are permitted to pledge foreign denominated securities as collateral against PDCF borrowing. Foreign denominated collateral accounts for $11.25 \%$ of the total collateral pledged across all participants. Merrill Lynch has $\$ 4.01$ billion of foreign denominated collateral while Morgan Stanley has $\$ 1.56$ billion and Citigroup has $\$ 0.87$ billion. Goldman Sachs has not borrowed through the program since November $26^{\text {th }}$.

Overnight Borrowings - in billions

| Dealer | $\mathbf{1 2 / 1 5 / 2 0 0 8}$ | $\mathbf{1 2 / 1 2 / 2 0 0 8}$ | $\mathbf{1 2 / 1 1 / 2 0 0 8}$ | $\mathbf{1 2 / 1 0 / 2 0 0 8}$ | $\mathbf{1 2 / 0 9 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Citigroup | 19.93 | 20.17 | 19.83 | 20.17 | 20.85 |
| Merrill Lynch | 23.37 | 23.53 | 24.65 | 24.11 | 24.35 |
| Mizuho | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| Morgan Stanley | 7.96 | 7.36 | 7.11 | 7.11 | 7.11 |
| Total Borrowings | $\mathbf{5 1 . 4 6}$ | $\mathbf{5 1 . 2 5}$ | $\mathbf{5 1 . 7 8}$ | $\mathbf{5 1 . 5 9}$ | $\mathbf{5 2 . 5 1}$ |
|  |  |  |  |  |  |
| Total Collateral $^{*}$ | $\mathbf{5 7 . 2 3}$ | $\mathbf{5 7 . 0 1}$ | $\mathbf{5 7 . 5 6}$ | $\mathbf{5 7 . 4 1}$ | $\mathbf{5 8 . 3 7}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 1 . 2 1 \%}$ | $\mathbf{1 1 . 2 4 \%}$ | $\mathbf{1 1 . 1 6 \%}$ | $\mathbf{1 1 . 2 8 \%}$ | $\mathbf{1 1 . 1 6 \%}$ |

## RESTRICTED-FR

* Includes additional commercial loans in a Borrower-In-Custody arrangement. Further legal review of swap receivable collateral suggests that the Reserve Bank does not have a claim against swap receivables collateral unless the pledging dealer has explicitly borrowed against this collateral. As such, swap receivables collateral has been removed from the collateral totals in this report.


## PDCF Borrowing Trend



## Composition of Collateral Pledged for December 15 Borrowings - in millions

[^27]| Rating $^{1}$ | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Treasury | 127.9 | 109.7 | - | 1.1 | 238.7 |
| Agency | 317.1 | 19.8 | - | 139.7 | 476.6 |
| AAA | $3,079.6$ | $3,952.7$ | - | $2,375.1$ | $9,407.4$ |
| AA | $3,323.1$ | $1,002.7$ | 15.3 | 880.7 | $5,221.8$ |
| A | $1,430.5$ | $1,275.9$ | 166.4 | 989.8 | $3,862.6$ |
| BBB | $1,010.9$ | $1,131.6$ | - | 811.7 | $2,954.2$ |
| BB | 764.1 | $1,282.1$ | - | 384.6 | $2,430.8$ |
| B | 898.8 | 873.2 | - | 313.4 | $2,085.4$ |
| CCC-C | 893.4 | 738.3 | - | 129.9 | $1,761.5$ |
| D | 134.2 | 238.9 | - | 50.5 | 423.6 |
| A-1 | 298.4 | - | - | - | 298.4 |
| A-2 | - | - | - | - | - |
| A-3 | - | - | - | - | - |
| NP | - | - | - | - | - |
| Equity | $5,803.5$ | $9,732.7$ | - | 689.4 | $16,225.6$ |
| Unkn Rtg (Triparty) | $3,400.6$ | $4,922.5$ | $\mathbf{2 9 . 8}$ | $\mathbf{1 , 8 4 4 . 4}$ | $10,197.2$ |
| Unkn Rtg (non-Triparty) | - | - | - | $1,647.8$ | $1,647.8$ |
| Total Collateral | $\mathbf{2 1 , 4 8 2 . 1}$ | $\mathbf{2 5 , 2 8 0 . 0}$ | $\mathbf{2 1 1 . 5}$ | $\mathbf{1 0 , 2 5 8 . 2}$ | $\mathbf{5 7 , 2 3 1 . 7}$ |
| Total Borrowings | $\mathbf{1 9 , 9 3 2 . 0}$ | $\mathbf{2 3 , 3 7 4 . 2}$ | $\mathbf{1 9 7 . 6}$ | $\mathbf{7 , 9 5 6 . 9}$ | $\mathbf{5 1 , 4 6 0 . 7}$ |
| Collateral Cushion | $\mathbf{7 . 7 8 \%}$ | $\mathbf{8 . 1 5 \%}$ | $\mathbf{7 . 0 2 \%}$ | $\mathbf{2 8 . 9 2 \%}$ | $\mathbf{1 1 . 2 1 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $238,726,506$ | $0.42 \%$ |
| Agency | $476,554,727$ | $0.83 \%$ |
| AAA | $9,407,394,285$ | $16.44 \%$ |
| AA | $5,221,822,885$ | $9.12 \%$ |
| A | $3,862,585,175$ | $6.75 \%$ |
| BBB | $2,954,249,671$ | $5.16 \%$ |
| BB | $2,430,843,003$ | $4.25 \%$ |
| B | $2,085,401,767$ | $3.64 \%$ |
| CCC-C | $1,761,545,215$ | $3.08 \%$ |
| D | $423,622,919$ | $0.74 \%$ |
| A-1 | $298,423,666$ | $0.52 \%$ |
| Equity | $16,225,565,633$ | $28.35 \%$ |
| Unkn Rtg (Triparty) | $10,197,203,219$ | $17.82 \%$ |
| Unkn Rtg (non-Triparty) | $1,647,804,814$ | $2.88 \%$ |
| Total | $57,231,743,485$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $3,737,867,482$ | $6.53 \%$ |
| Agency Debt | $345,063,207$ | $0.60 \%$ |
| Auction Rate | $3,601,196,793$ | $6.29 \%$ |
| CDs-CP-BAs | $336,709,933$ | $0.59 \%$ |
| CMBS | $253,376,012$ | $0.44 \%$ |
| Convertible Bonds-Domestic | $2,276,164,180$ | $3.98 \%$ |
| Convertible Bonds-Foreign | $636,638,468$ | $1.11 \%$ |
| Corporates-Domestic | $5,417,659,744$ | $9.47 \%$ |
| Corporates-Foreign | $1,798,381,919$ | $3.14 \%$ |
| Equity-Domestic | $12,478,413,956$ | $21.80 \%$ |
| Equity-Foreign | $3,747,151,677$ | $6.55 \%$ |
| Foreign Sovereigns-Domestic | $1,141,425,945$ | $1.99 \%$ |
| Foreign Sovereigns-Foreign | $254,523,976$ | $0.44 \%$ |
| MBS - Agency - CMO | $130,130,067$ | $0.23 \%$ |
| MBS - Agency - Pass Through | $1,361,452$ | $0.00 \%$ |
| MBS - Private (CMO) | $2,623,932,262$ | $4.58 \%$ |
| Muni | $12,118,203,096$ | $21.17 \%$ |
| Mutual Fund | $3,175,488,216$ | $5.55 \%$ |
| Other | $534,898,144$ | $0.93 \%$ |
| Supranational | $151,278,524$ | $0.26 \%$ |
| Treasury | $238,726,506$ | $0.42 \%$ |
| Whole Loans | $585,347,113$ | $1.02 \%$ |
| Whole Loans - DW | $1,647,804,814$ | $2.88 \%$ |
| Total | $57,231,743,485$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 68,423,589 | 0.32\% |
|  |  | AA | 90,674 | 0.00\% |
|  |  | A | 200,357,186 | 0.93\% |
|  |  | BBB | 132,385,875 | 0.62\% |
|  |  | BB | 179,658,275 | 0.84\% |
|  |  | B | 211,716,463 | 0.99\% |
|  |  | CCC-C | 92,790,429 | 0.43\% |
|  |  | D | 106,384,201 | 0.50\% |
|  |  | Unkn Rtg (Triparty) | 369,319,642 | 1.72\% |
|  | Agency Debt | Agency | 317,097,971 | 1.48\% |
|  | CDs-CP-BAs | A-1 | 298,423,666 | 1.39\% |
|  |  | Unkn Rtg (Triparty) | 9,492,300 | 0.04\% |
|  | CMBS | Unkn Rtg (Triparty) | 132,934,371 | 0.62\% |
|  | Convertible Bonds-Domestic | BB | 47,173,877 | 0.22\% |
|  |  | Unkn Rtg (Triparty) | 1,206,972,686 | 5.62\% |
|  | Convertible Bonds-Foreign | BB | 4,682,030 | 0.02\% |
|  |  | B | 1,753,694 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 399,501,087 | 1.86\% |
|  | Corporates-Domestic | AAA | 12,326,627 | 0.06\% |
|  |  | AA | 33,216,751 | 0.15\% |
|  |  | A | 240,770,088 | 1.12\% |
|  |  | BBB | 96,967,455 | 0.45\% |
|  |  | BB | 220,938,518 | 1.03\% |
|  |  | B | 19,477,391 | 0.09\% |
|  |  | CCC-C | 768,940,674 | 3.58\% |
|  |  | D | 27,819,372 | 0.13\% |
|  |  | Unkn Rtg (Triparty) | 586,845,515 | 2.73\% |
|  | Corporates-Foreign | A | 942,462 | 0.00\% |
|  |  | BBB | 4,148,534 | 0.02\% |
|  |  | BB | 8,875,586 | 0.04\% |
|  |  | B | 131,706 | 0.00\% |
|  |  | CCC-C | 12,451,723 | 0.06\% |
|  |  | D | 21,394 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 101,902,165 | 0.47\% |
|  | Equity-Domestic | Equity | 5,480,211,879 | 25.51\% |
|  | Equity-Foreign | Equity | 323,267,431 | 1.50\% |
|  | Foreign Sovereigns-Domestic | BB | 603,355 | 0.00\% |
|  |  | B | 5,137,248 | 0.02\% |
|  |  | CCC-C | 8,830,921 | 0.04\% |
|  | Foreign Sovereigns-Foreign | BBB | 11,013,237 | 0.05\% |
|  |  | BB | 3,989,040 | 0.02\% |
|  | MBS - Private (CMO) | AA | 24,987,370 | 0.12\% |
|  |  | A | Pageat, 589,070 | 0.44\% |
|  |  | BBB | 65,140,224 | 0.30\% |
|  |  | BB | 298,172,429 | 1.39\% |
|  |  | B | 659,879,658 | 3.07\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Muni (con't) | BBB | 701,266,083 | 3.26\% |
|  |  | B | 740,763 | 0.00\% |
|  |  | CCC-C | 89,843 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 155,762,305 | 0.73\% |
|  | Mutual Fund | AAA | 1,908,025,000 | 8.88\% |
|  |  | Unkn Rtg (Triparty) | 321,689,542 | 1.50\% |
|  | Supranational | AAA | 249,077 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 2,997 | 0.00\% |
|  | Treasury | Treasury | 127,892,454 | 0.60\% |
|  | Dealer Total |  | 21,482,075,517 | 100.00\% |
| Merrill Lynch | ABS | AAA | 359,827,316 | 1.42\% |
|  |  | AA | 77,510,236 | 0.31\% |
|  |  | A | 293,597,779 | 1.16\% |
|  |  | BBB | 116,903,890 | 0.46\% |
|  |  | BB | 183,120,029 | 0.72\% |
|  |  | B | 261,894,846 | 1.04\% |
|  |  | CCC-C | 259,592,731 | 1.03\% |
|  |  | D | 133,762,719 | 0.53\% |
|  |  | Unkn Rtg (Triparty) | 221,143,588 | 0.87\% |
|  | Agency Debt | Agency | 17,178,409 | 0.07\% |
|  | Auction Rate | AAA | 2,912,849,903 | 11.52\% |
|  |  | AA | 156,922,634 | 0.62\% |
|  |  | A | 135,435,111 | 0.54\% |
|  |  | BBB | 126,068,716 | 0.50\% |
|  |  | BB | 43,181,558 | 0.17\% |
|  |  | CCC-C | 42,020,124 | 0.17\% |
|  |  | Unkn Rtg (Triparty) | 184,718,748 | 0.73\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 28,655,577 | 0.11\% |
|  | CMBS | Unkn Rtg (Triparty) | 79,430,202 | 0.31\% |
|  | Convertible Bonds-Domestic | A | 10,785,417 | 0.04\% |
|  |  | CCC-C | 85,696,101 | 0.34\% |
|  |  | D | 2,865 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 593,744,327 | 2.35\% |
|  | Convertible Bonds-Foreign | BBB | 2,438 | 0.00\% |
|  |  | B | 101 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 66,283,647 | 0.26\% |
|  | Corporates-Domestic | AAA | 97,939,624 | 0.39\% |
|  |  | AA | 75,435,531 | 0.30\% |
|  |  | A | 254,012,218 | 1.00\% |
|  |  | BBB | 122,710,369 | 0.49\% |
|  |  | BB | 53,326,827 | 0.21\% |
|  |  | B | 51,422,560 | 0.20\% |
|  |  | CCC-C | 323,137,092 | 1.28\% |
|  |  | D | 89,988,111 | 0.36\% |
|  |  | Unkn Rtg (Triparty) | Page 616,8782097 | 3.23\% |
|  | Corporates-Foreign | AAA | 25,951,377 | 0.10\% |
|  |  | AA | 34,302,709 | 0.14\% |
|  |  | A | 73,781,074 | 0.29\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Foreign (con't) | CCC-C | 11,047,410 | 0.04\% |
|  |  | D | 2,752,075 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 229,682,674 | 0.91\% |
|  | Equity-Domestic | Equity | 6,783,575,089 | 26.83\% |
|  | Equity-Foreign | Equity | 2,949,108,209 | 11.67\% |
|  | Foreign Sovereigns-Domestic | AAA | 716,920 | 0.00\% |
|  |  | AA | 8,131,303 | 0.03\% |
|  |  | A | 31,721,930 | 0.13\% |
|  |  | BBB | 101,643,082 | 0.40\% |
|  |  | BB | 547,385,985 | 2.17\% |
|  |  | B | 161,620,513 | 0.64\% |
|  |  | CCC-C | 4,394,035 | 0.02\% |
|  |  | D | 9,396,191 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 4,568,246 | 0.02\% |
|  | Foreign Sovereigns-Foreign | A | 11,586,325 | 0.05\% |
|  |  | BBB | 53,809,819 | 0.21\% |
|  |  | BB | 22,728,762 | 0.09\% |
|  |  | B | 61,659,889 | 0.24\% |
|  |  | D | 1,867,011 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 6,628,661 | 0.03\% |
|  | MBS - Agency - CMO | Agency | 1,212,564 | 0.00\% |
|  | MBS - Agency - Pass Through | Agency | 1,361,452 | 0.01\% |
|  | MBS - Private (CMO) | AAA | 366,806,697 | 1.45\% |
|  |  | AA | 97,080,294 | 0.38\% |
|  |  | A | 15,334,493 | 0.06\% |
|  |  | BBB | 29,912,811 | 0.12\% |
|  |  | BB | 150,284,503 | 0.59\% |
|  |  | B | 297,996,490 | 1.18\% |
|  |  | CCC-C | 12,310,076 | 0.05\% |
|  |  | D | 1,095,538 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 16,133,760 | 0.06\% |
|  | Muni | AAA | 187,342,326 | 0.74\% |
|  |  | AA | 553,366,637 | 2.19\% |
|  |  | A | 449,625,851 | 1.78\% |
|  |  | BBB | 433,300,947 | 1.71\% |
|  |  | BB | 10,037,642 | 0.04\% |
|  |  | B | 1,710,337 | 0.01\% |
|  |  | CCC-C | 55,055 | 0.00\% |
|  |  | D | 599 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 1,543,288,946 | 6.10\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 11,082,182 | 0.04\% |
|  | Other | Unkn Rtg (Triparty) | 534,898,144 | 2.12\% |
|  | Supranational | AAA | 1,273,185 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 26,971 | 0.00\% |
|  | Treasury | Treasury | 109,739,471 | 0.43\% |
|  | Whole Loans | Unkn Rtg (Triparty) | 585,347,113 | 2.32\% |
|  | Dealer Total |  | Page 5 , $880 \pm 48,690$ | 100.00\% |
| Mizuho | Corporates-Domestic | AA | 15,280,589 | 7.23\% |
|  |  | A | 166,435,961 | 78.70\% |
|  |  | Unkn Rtg (Triparty) | 29,754,793 | 14.07\% |
|  | Dealer Total |  | 211,471,342 | 100.00\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value \% | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley | ABS | AAA | 324,922,994 | 3.17\% |
|  |  | AA | 21,252,804 | 0.21\% |
|  |  | A | 22,980,069 | 0.22\% |
|  |  | BBB | 21,694,544 | 0.21\% |
|  |  | BB | 25,938,105 | 0.25\% |
|  |  | B | 767,434 | 0.01\% |
|  |  | CCC-C | 4,402,509 | 0.04\% |
|  |  | D | 1,743,454 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 45,686,103 | 0.45\% |
|  | Agency Debt | Agency | 10,786,827 | 0.11\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 138,390 | 0.00\% |
|  | CMBS | Unkn Rtg (Triparty) | 41,011,439 | 0.40\% |
|  | Convertible Bonds-Domestic | A | 60,142,370 | 0.59\% |
|  |  | BBB | 48,622,222 | 0.47\% |
|  |  | Unkn Rtg (Triparty) | 223,024,315 | 2.17\% |
|  | Convertible Bonds-Foreign | BB | 454,990 | 0.00\% |
|  |  | B | 5,062,091 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 158,898,390 | 1.55\% |
|  | Corporates-Domestic | AAA | 67,276,922 | 0.66\% |
|  |  | AA | 120,322,282 | 1.17\% |
|  |  | A | 97,119,160 | 0.95\% |
|  |  | BBB | 305,497,723 | 2.98\% |
|  |  | BB | 127,480,245 | 1.24\% |
|  |  | B | 76,850,696 | 0.75\% |
|  |  | CCC-C | 31,258,849 | 0.30\% |
|  |  | D | 13,514,363 | 0.13\% |
|  |  | Unkn Rtg (Triparty) | 474,715,345 | 4.63\% |
|  | Corporates-Foreign | AAA | 77,159,478 | 0.75\% |
|  |  | AA | 68,443,460 | 0.67\% |
|  |  | A | 40,418,040 | 0.39\% |
|  |  | BBB | 41,850,290 | 0.41\% |
|  |  | BB | 164,633,484 | 1.60\% |
|  |  | B | 33,040,528 | 0.32\% |
|  |  | CCC-C | 22,966,261 | 0.22\% |
|  |  | D | 10,479,376 | 0.10\% |
|  |  | Unkn Rtg (Triparty) | 377,219,231 | 3.68\% |
|  | Equity-Domestic | Equity | 214,626,988 | 2.09\% |
|  | Equity-Foreign | Equity | 474,776,037 | 4.63\% |
|  | Foreign Sovereigns-Domestic | AAA | 667,095 | 0.01\% |
|  |  | AA | 4,661,250 | 0.05\% |
|  |  | A | 1,656,639 | 0.02\% |
|  |  | BBB | 6,850,438 | 0.07\% |
|  |  | BB | 59,598,413 | 0.58\% |
|  |  | B | 123,188,067 | 1.20\% |
|  |  | CCC-C | 15,488,817 | 0.15\% |
|  |  | D | 20,264,908 | 0.20\% |
|  |  | Unkn Rtg (Triparty) | 24,900,589 | 0.24\% |
|  | Foreign Sovereigns-Foreign | BBB | 11,482,044 | 0.11\% |
|  |  | BB | Pase3d,9981 21 | $10.02 \%$ |
|  |  | B | 48,442,537 | 0.47\% |
|  |  | Unkn Rtg (Triparty) | 18,878,555 | 0.18\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | MBS - Agency - CMO | Agency | 128,917,503 | 1.26\% |
|  | MBS - Private (CMO) | AAA | 240,142,950 | 2.34\% |
|  |  | AA | 68,395,251 | 0.67\% |
|  |  | A | 36,058,593 | 0.35\% |
|  |  | BBB | 15,501,617 | 0.15\% |
|  |  | BB | 2,785,940 | 0.03\% |
|  |  | B | 3,738,089 | 0.04\% |
|  |  | CCC-C | 19,351 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 1,157,279 | 0.01\% |
|  | Muni | AAA | 935,257,757 | 9.12\% |
|  |  | AA | 597,652,321 | 5.83\% |
|  |  | A | 731,423,448 | 7.13\% |
|  |  | BBB | 360,190,996 | 3.51\% |
|  |  | BB | 1,315,696 | 0.01\% |
|  |  | B | 22,315,726 | 0.22\% |
|  |  | CCC-C | 55,782,545 | 0.54\% |
|  |  | D | 4,530,742 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 123,954,693 | 1.21\% |
|  | Mutual Fund | AAA | 579,900,000 | 5.65\% |
|  |  | Unkn Rtg (Triparty) | 354,791,493 | 3.46\% |
|  | Supranational | AAA | 149,726,293 | 1.46\% |
|  | Treasury | Treasury | 1,094,581 | 0.01\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,647,804,814 | 16.06\% |
|  | Dealer Total |  | 10,258,152,936 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

## RESTRICTED FR

Highlights for Tuesday, December 16

- Total PDCF borrowing declined by $\$ 2.35$ billion to $\$ 49.11$ billion. Merrill Lynch led the decline with a $\$ 1.71$ billion reduction in borrowings. All other participants either slightly reduced borrowing or remained steady.
- The total PDCF collateral consists primarily of equities (28.1\%), municipal debt (20.2\%), and corporate debt ( $13.4 \%$ ). Foreign denominated securities account for $11.8 \%$ of the total collateral pledged.
- Merrill Lynch remains the largest participant with $\$ 21.66$ billion in borrowing and $\$ 23.44$ billion in pledged collateral. Of Merrill Lynch's currently pledged collateral, $56.2 \%$ is eligible due to the expanded collateral schedule which took effect on September 15th and $16 \%$ is eligible due to the transitional credit program which took effect on September 21st. The remaining $27.8 \%$ of collateral would have been eligible since the start of the facility.

Regards, Tony

Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Tuesday, December 16, 2008

## Highlights

- Total PDCF borrowing declined by $\$ 2.35$ billion to $\$ 49.11$ billion. Merrill Lynch led the decline with a $\$ 1.71$ billion reduction in borrowings. All other participants either slightly reduced borrowing or remained steady.
- The total PDCF collateral consists primarily of equities (28.1\%), municipal debt (20.2\%), and corporate debt (13.4\%). Foreign denominated securities account for $11.8 \%$ of the total collateral pledged.
- Merrill Lynch remains the largest participant with $\$ 21.66$ billion in borrowing and $\$ 23.44$ billion in pledged collateral. Of Merrill Lynch's currently pledged collateral, $56.2 \%$ is eligible due to the expanded collateral schedule which took effect on September $15^{\text {th }}$ and $16 \%$ is eligible due to the transitional credit program which took effect on September $21^{\text {st }}$. The remaining $27.8 \%$ of collateral would have been eligible since the start of the facility.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{1 2 / 1 6 / 2 0 0 8}$ | $\mathbf{1 2 / 1 5 / 2 0 0 8}$ | $\mathbf{1 2 / 1 2 / 2 0 0 8}$ | $\mathbf{1 2 / 1 1 / 2 0 0 8}$ | $\mathbf{1 2 / 1 0 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Citigroup | 19.32 | 19.93 | 20.17 | 19.83 | 20.17 |
| Merrill Lynch | 21.66 | 23.37 | 23.53 | 24.65 | 24.11 |
| Mizuho | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| Morgan Stanley | 7.93 | 7.96 | 7.36 | 7.11 | 7.11 |
| Total Borrowings | $\mathbf{4 9 . 1 1}$ | $\mathbf{5 1 . 4 6}$ | $\mathbf{5 1 . 2 5}$ | $\mathbf{5 1 . 7 8}$ | $\mathbf{5 1 . 5 9}$ |
|  |  |  |  |  |  |
| Total Collateral ${ }^{*}$ | $\mathbf{5 4 . 7 3}$ | $\mathbf{5 7 . 2 3}$ | $\mathbf{5 7 . 0 1}$ | $\mathbf{5 7 . 5 6}$ | $\mathbf{5 7 . 4 1}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 1 . 4 4 \%}$ | $\mathbf{1 1 . 2 1 \%}$ | $\mathbf{1 1 . 2 4 \%}$ | $\mathbf{1 1 . 1 6 \%}$ | $\mathbf{1 1 . 2 8 \%}$ |

[^28]
## RESTRICTED-FR

PDCF Borrowing Trend


## Composition of Collateral Pledged for December 16 Borrowings - in millions

[^29]| Rating $^{1}$ | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley $^{2}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Treasury | - | 3.2 | - | 1.9 | 5.1 |
| Agency | 276.1 | 33.5 | - | 14.3 | 323.9 |
| AAA | $3,160.5$ | $4,107.5$ | - | $2,322.8$ | $9,590.8$ |
| AA | $3,389.9$ | 820.2 | 12.7 | 907.6 | $5,130.4$ |
| A | $1,370.8$ | $1,093.2$ | 170.0 | 984.1 | $3,618.1$ |
| BBB | $1,153.8$ | $1,001.9$ | - | 822.3 | $2,978.0$ |
| BB | 576.8 | $1,136.1$ | - | 388.1 | $2,101.0$ |
| B | 891.5 | 895.5 | - | 292.6 | $2,079.6$ |
| CCC-C | 885.9 | 795.4 | - | 132.2 | $1,813.5$ |
| D | 136.1 | 208.8 | - | 45.6 | 390.5 |
| A-1 | 46.8 | - | - | - | 46.8 |
| A-2 | - | - | - | - | - |
| A-3 | - | - | - | - | - |
| NP | - | - | - | - | - |
| Equity | $5,445.1$ | $9,189.3$ | - | 731.7 | $15,366.1$ |
| Unkn Rtg (Triparty) | $3,504.4$ | $\mathbf{4 , 1 5 2 . 5}$ | $\mathbf{2 9 . 7}$ | $\mathbf{1 , 9 4 7 . 5}$ | $9,634.2$ |
| Unkn Rtg (non-Triparty) | - | - | - | $\mathbf{1 , 6 4 7 . 8}$ | $1,647.8$ |
| Total Collateral | $\mathbf{2 0 , 8 3 7 . 7}$ | $\mathbf{2 3 , 4 3 7 . 2}$ | $\mathbf{2 1 2 . 4}$ | $\mathbf{1 0 , 2 3 8 . 6}$ | $\mathbf{5 4 , 7 2 5 . 9}$ |
| Total Borrowings | $\mathbf{1 9 , 3 2 3 . 0}$ | $\mathbf{2 1 , 6 5 9 . 1}$ | $\mathbf{1 9 8 . 5}$ | $\mathbf{7 , 9 3 0 . 7}$ | $\mathbf{4 9 , 1 1 1 . 3}$ |
| Collateral Cushion | $\mathbf{7 . 8 4 \%}$ | $\mathbf{8 . 2 1 \%}$ | $\mathbf{6 . 9 9 \%}$ | $\mathbf{2 9 . 1 0 \%}$ | $\mathbf{1 1 . 4 3 \%}$ |

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Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $5,100,779$ | $0.01 \%$ |
| Agency | $323,941,649$ | $0.59 \%$ |
| AAA | $9,590,826,616$ | $17.53 \%$ |
| AA | $5,130,435,060$ | $9.37 \%$ |
| A | $3,618,096,536$ | $6.61 \%$ |
| BBB | $2,977,958,529$ | $5.44 \%$ |
| BB | $2,100,996,497$ | $3.84 \%$ |
| B | $2,079,593,030$ | $3.80 \%$ |
| CCC-C | $1,813,531,135$ | $3.31 \%$ |
| D | $390,471,027$ | $0.71 \%$ |
| A-1 | $46,838,507$ | $0.09 \%$ |
| Equity | $15,366,089,870$ | $28.08 \%$ |
| Unkn Rtg (Triparty) | $9,634,221,269$ | $17.60 \%$ |
| Unkn Rtg (non-Triparty) | $1,647,804,814$ | $3.01 \%$ |
| Total | $54,725,905,316$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $3,845,490,490$ | $7.03 \%$ |
| Agency Debt | $307,258,364$ | $0.56 \%$ |
| Auction Rate | $3,582,569,914$ | $6.55 \%$ |
| CDs-CP-BAs | $49,232,198$ | $0.09 \%$ |
| CMBS | $231,340,508$ | $0.42 \%$ |
| Convertible Bonds-Domestic | $2,379,208,512$ | $4.35 \%$ |
| Convertible Bonds-Foreign | $759,963,885$ | $1.39 \%$ |
| Corporates-Domestic | $5,374,750,273$ | $9.82 \%$ |
| Corporates-Foreign | $1,951,133,322$ | $3.57 \%$ |
| Equity-Domestic | $12,053,153,479$ | $22.02 \%$ |
| Equity-Foreign | $3,312,936,391$ | $6.05 \%$ |
| Foreign Sovereigns-Domestic | $1,015,084,894$ | $1.85 \%$ |
| Foreign Sovereigns-Foreign | $426,418,168$ | $0.78 \%$ |
| MBS - Agency - CMO | $16,683,285$ | $0.03 \%$ |
| MBS - Private (CMO) | $2,405,556,199$ | $4.40 \%$ |
| Muni | $11,035,399,431$ | $20.16 \%$ |
| Mutual Fund | $3,206,555,935$ | $5.86 \%$ |
| Other | $456,283,290$ | $0.83 \%$ |
| Supranational | $78,505,048$ | $0.14 \%$ |
| Treasury | $5,100,779$ | $0.01 \%$ |
| Whole Loans | $585,476,138$ | $1.07 \%$ |
| Whole Loans - DW | $1,647,804,814$ | $3.01 \%$ |
| Total | $54,725,905,316$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 110,709,034 | 0.53\% |
|  |  | AA | 103,115,892 | 0.49\% |
|  |  | A | 239,151,649 | 1.15\% |
|  |  | BBB | 147,663,905 | 0.71\% |
|  |  | BB | 183,194,512 | 0.88\% |
|  |  | B | 227,913,467 | 1.09\% |
|  |  | CCC-C | 106,222,172 | 0.51\% |
|  |  | D | 108,213,435 | 0.52\% |
|  |  | Unkn Rtg (Triparty) | 261,414,597 | 1.25\% |
|  | Agency Debt | Agency | 276,110,062 | 1.33\% |
|  | CDs-CP-BAs | A-1 | 46,838,507 | 0.22\% |
|  |  | Unkn Rtg (Triparty) | 1,532,300 | 0.01\% |
|  | CMBS | Unkn Rtg (Triparty) | 136,463,744 | 0.65\% |
|  | Convertible Bonds-Domestic | BB | 48,051,078 | 0.23\% |
|  |  | Unkn Rtg (Triparty) | 1,230,058,421 | 5.90\% |
|  | Convertible Bonds-Foreign | BB | 4,565,650 | 0.02\% |
|  |  | B | 2,223,358 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 469,160,041 | 2.25\% |
|  | Corporates-Domestic | AAA | 12,326,663 | 0.06\% |
|  |  | AA | 33,223,413 | 0.16\% |
|  |  | A | 214,167,598 | 1.03\% |
|  |  | BBB | 153,213,409 | 0.74\% |
|  |  | BB | 96,535,262 | 0.46\% |
|  |  | B | 19,485,869 | 0.09\% |
|  |  | CCC-C | 749,679,853 | 3.60\% |
|  |  | D | 27,831,129 | 0.13\% |
|  |  | Unkn Rtg (Triparty) | 662,434,269 | 3.18\% |
|  | Corporates-Foreign | A | 967,158 | 0.00\% |
|  |  | BBB | 75,658,707 | 0.36\% |
|  |  | BB | 63,768,322 | 0.31\% |
|  |  | B | 7,941,756 | 0.04\% |
|  |  | CCC-C | 13,366,940 | 0.06\% |
|  |  | D | 21,875 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 122,722,736 | 0.59\% |
|  | Equity-Domestic | Equity | 5,155,400,957 | 24.74\% |
|  | Equity-Foreign | Equity | 289,681,293 | 1.39\% |
|  | Foreign Sovereigns-Domestic | AA | 36,318,316 | 0.17\% |
|  |  | BB | 4,252,495 | 0.02\% |
|  |  | B | 5,143,594 | 0.02\% |
|  |  | CCC-C | 8,833,054 | 0.04\% |
|  | Foreign Sovereigns-Foreign | BBB | 11,180,753 | 0.05\% |
|  |  | BB | 4,108,800 | 0.02\% |
|  | MBS - Private (CMO) | AAA | Page2, 3 90,2,2才 | 0.11\% |
|  |  | AA | 26,515,560 | 0.13\% |
|  |  | A | 32,538,483 | 0.16\% |
|  |  | BBB | 64,863,077 | 0.31\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Muni (con't) | AA | 3,190,733,874 | 15.31\% |
|  |  | A | 883,941,944 | 4.24\% |
|  |  | BBB | 701,177,415 | 3.36\% |
|  |  | B | 744,780 | 0.00\% |
|  |  | CCC-C | 89,850 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 186,848,199 | 0.90\% |
|  | Mutual Fund | AAA | 1,932,325,000 | 9.27\% |
|  |  | Unkn Rtg (Triparty) | 321,749,377 | 1.54\% |
|  | Dealer Total |  | 20,837,659,888 | 100.00\% |
| Merrill Lynch | ABS | AAA | 350,317,972 | 1.49\% |
|  |  | AA | 76,312,554 | 0.33\% |
|  |  | A | 294,866,259 | 1.26\% |
|  |  | BBB | 119,954,808 | 0.51\% |
|  |  | BB | 180,192,364 | 0.77\% |
|  |  | B | 263,475,235 | 1.12\% |
|  |  | CCC-C | 259,535,295 | 1.11\% |
|  |  | D | 132,782,504 | 0.57\% |
|  |  | Unkn Rtg (Triparty) | 198,423,685 | 0.85\% |
|  | Agency Debt | Agency | 17,211,974 | 0.07\% |
|  | Auction Rate | AAA | 2,896,159,370 | 12.36\% |
|  |  | AA | 156,895,560 | 0.67\% |
|  |  | A | 131,302,590 | 0.56\% |
|  |  | BBB | 125,892,834 | 0.54\% |
|  |  | BB | 43,463,674 | 0.19\% |
|  |  | CCC-C | 44,520,854 | 0.19\% |
|  |  | Unkn Rtg (Triparty) | 184,335,033 | 0.79\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 729,927 | 0.00\% |
|  | CMBS | Unkn Rtg (Triparty) | 44,451,361 | 0.19\% |
|  | Convertible Bonds-Domestic | A | 11,269,361 | 0.05\% |
|  |  | B | 5,284,588 | 0.02\% |
|  |  | CCC-C | 85,474,459 | 0.36\% |
|  |  | D | 2,470 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 641,929,640 | 2.74\% |
|  | Convertible Bonds-Foreign | BBB | 12 | 0.00\% |
|  |  | BB | 1,931,940 | 0.01\% |
|  |  | B | 103 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 71,275,888 | 0.30\% |
|  | Corporates-Domestic | AAA | 95,198,050 | 0.41\% |
|  |  | AA | 16,205,169 | 0.07\% |
|  |  | A | 254,102,368 | 1.08\% |
|  |  | BBB | 114,590,665 | 0.49\% |
|  |  | BB | 50,044,470 | 0.21\% |
|  |  | B | 123,182,929 | 0.53\% |
|  |  | CCC-C | 377,533,159 | 1.61\% |
|  |  | D | Page 1731,01223143 | 0.31\% |
|  |  | Unkn Rtg (Triparty) | 774,013,250 | 3.30\% |
|  | Corporates-Foreign | AAA | 26,418,015 | 0.11\% |
|  |  | AA | 24,771,710 | 0.11\% |
|  |  |  | 70816670 |  |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Foreign (con't) | B | 37,869,270 | 0.16\% |
|  |  | CCC-C | 11,714,475 | 0.05\% |
|  |  | D | 2,607,490 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 247,485,359 | 1.06\% |
|  | Equity-Domestic | Equity | 6,667,951,949 | 28.45\% |
|  | Equity-Foreign | Equity | 2,521,371,323 | 10.76\% |
|  | Foreign Sovereigns-Domestic | AAA | 716,942 | 0.00\% |
|  |  | AA | 7,781,356 | 0.03\% |
|  |  | A | 30,926,085 | 0.13\% |
|  |  | BBB | 131,524,094 | 0.56\% |
|  |  | BB | 404,691,740 | 1.73\% |
|  |  | B | 144,648,655 | 0.62\% |
|  |  | CCC-C | 4,374,469 | 0.02\% |
|  |  | D | 585,503 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 4,316,764 | 0.02\% |
|  | Foreign Sovereigns-Foreign | AAA | 224,427,367 | 0.96\% |
|  |  | A | 11,887,143 | 0.05\% |
|  |  | BBB | 70,318,601 | 0.30\% |
|  |  | BB | 23,371,674 | 0.10\% |
|  |  | B | 21,559,175 | 0.09\% |
|  |  | D | 83,344 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 3,427,048 | 0.01\% |
|  | MBS - Agency - CMO | Agency | 16,310,781 | 0.07\% |
|  | MBS - Private (CMO) | AAA | 325,956,264 | 1.39\% |
|  |  | AA | 101,259,108 | 0.43\% |
|  |  | A | 15,443,455 | 0.07\% |
|  |  | BBB | 30,893,563 | 0.13\% |
|  |  | BB | 149,710,507 | 0.64\% |
|  |  | B | 297,752,791 | 1.27\% |
|  |  | CCC-C | 12,254,121 | 0.05\% |
|  |  | D | 1,081,037 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 16,161,630 | 0.07\% |
|  | Muni | AAA | 187,088,033 | 0.80\% |
|  |  | AA | 437,020,453 | 1.86\% |
|  |  | A | 263,516,060 | 1.12\% |
|  |  | BBB | 314,830,216 | 1.34\% |
|  |  | BB | 14,759,958 | 0.06\% |
|  |  | B | 1,715,768 | 0.01\% |
|  |  | CCC-C | 27,542 | 0.00\% |
|  |  | D | 599 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 913,488,194 | 3.90\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 10,687,819 | 0.05\% |
|  | Other | B | 5,223 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 456,278,067 | 1.95\% |
|  | Supranational | AAA | 1,248,460 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 27,102 | 0.00\% |
|  | Treasury | Treasury | Page 16 3702,1086 | 0.01\% |
|  | Whole Loans | Unkn Rtg (Triparty) | 585,476,138 | 2.50\% |
|  | Dealer Total |  | 23,437,240,711 | 100.00\% |
| Mizuho | Corporates-Domestic | AA | 12,653,974 | 5.96\% |
|  |  | A | 170,041,539 | 80.05\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Mizuho (con't) | Corporates-Domestic (con't) | Unkn Rtg (Triparty) | 29,730,302 | 14.00\% |
|  | Dealer Total |  | 212,425,815 | 100.00\% |
| Morgan Stanley | ABS | AAA | 322,990,256 | 3.15\% |
|  |  | AA | 25,507,667 | 0.25\% |
|  |  | A | 23,703,518 | 0.23\% |
|  |  | BBB | 25,623,065 | 0.25\% |
|  |  | BB | 29,836,754 | 0.29\% |
|  |  | B | 1,010,246 | 0.01\% |
|  |  | CCC-C | 4,653,258 | 0.05\% |
|  |  | D | 1,746,852 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 46,959,537 | 0.46\% |
|  | Agency Debt | Agency | 13,936,328 | 0.14\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 131,465 | 0.00\% |
|  | CMBS | Unkn Rtg (Triparty) | 50,425,403 | 0.49\% |
|  | Convertible Bonds-Domestic | A | 49,730,957 | 0.49\% |
|  |  | BBB | 46,211,077 | 0.45\% |
|  |  | Unkn Rtg (Triparty) | 261,196,461 | 2.55\% |
|  | Convertible Bonds-Foreign | BB | 564,019 | 0.01\% |
|  |  | B | 6,372,415 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 203,870,460 | 1.99\% |
|  | Corporates-Domestic | AAA | 67,476,254 | 0.66\% |
|  |  | AA | 123,319,915 | 1.20\% |
|  |  | A | 93,135,051 | 0.91\% |
|  |  | BBB | 310,249,937 | 3.03\% |
|  |  | BB | 122,108,620 | 1.19\% |
|  |  | B | 77,098,176 | 0.75\% |
|  |  | CCC-C | 36,043,564 | 0.35\% |
|  |  | D | 15,772,170 | 0.15\% |
|  |  | Unkn Rtg (Triparty) | 471,680,903 | 4.61\% |
|  | Corporates-Foreign | AAA | 96,802,200 | 0.95\% |
|  |  | AA | 70,157,396 | 0.69\% |
|  |  | A | 46,836,127 | 0.46\% |
|  |  | BBB | 42,864,798 | 0.42\% |
|  |  | BB | 168,660,846 | 1.65\% |
|  |  | B | 37,318,070 | 0.36\% |
|  |  | CCC-C | 19,333,903 | 0.19\% |
|  |  | D | 11,150,449 | 0.11\% |
|  |  | Unkn Rtg (Triparty) | 381,015,049 | 3.72\% |
|  | Equity-Domestic | Equity | 229,800,573 | 2.24\% |
|  | Equity-Foreign | Equity | 501,883,776 | 4.90\% |
|  | Foreign Sovereigns-Domestic | AAA | 634,799 | 0.01\% |
|  |  | AA | 4,662,438 | 0.05\% |
|  |  | A | 1,660,965 | 0.02\% |
|  |  | BBB | 682,621 | 0.01\% |
|  |  | BB | 62,435,876 | 0.61\% |
|  |  | B | 117,302,880 | 1.15\% |
|  |  | CCC-C | 15,524,135 | 0.15\% |
|  |  | D | 16,917,263 | 0.17\% |
|  |  | Unkn Rtg (Triparty) | Pagesd,8501 2 | $210.11 \%$ |
|  | Foreign Sovereigns-Foreign | BBB | 10,090,895 | 0.10\% |
|  |  | BB | 298,946 | 0.00\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral |  | Rollar Value | \% Total |
| :--- | :--- | :--- | ---: | ---: |
| Morgan Stanley (con't) | Foreign Sovereigns-Foreign (con't) | B | $27,340,623$ | $0.27 \%$ |
|  |  | Unkn Rtg (Triparty) | $18,323,800$ | $0.18 \%$ |
|  | MBS - Agency - CMO | Agency | 372,504 | $0.00 \%$ |
|  | AAA | $242,787,459$ | $2.37 \%$ |  |
|  | AA | $83,532,746$ | $0.82 \%$ |  |
|  | A | $36,900,766$ | $0.36 \%$ |  |
|  | BBB | $17,528,224$ | $0.17 \%$ |  |
|  | BB | $2,846,832$ | $0.03 \%$ |  |
|  | B | $3,844,626$ | $0.04 \%$ |  |
|  | CCC-C | 19,334 | $0.00 \%$ |  |
|  | Unkn Rtg (Triparty) | $1,123,805$ | $0.01 \%$ |  |
|  | AAA | $934,149,294$ | $9.12 \%$ |  |
|  | AA | $600,447,960$ | $5.86 \%$ |  |
|  | A | $732,160,789$ | $7.15 \%$ |  |
|  | BBB | $369,088,087$ | $3.60 \%$ |  |
|  | BB | $1,307,073$ | $0.01 \%$ |  |
|  | B | $22,314,666$ | $0.22 \%$ |  |
|  | CCC-C | $56,607,548$ | $0.55 \%$ |  |
|  | D | 2,565 | $0.00 \%$ |  |
|  | Unkn Rtg (Triparty) | $140,615,090$ | $1.37 \%$ |  |
|  | AAA | $580,750,000$ | $5.67 \%$ |  |
|  | Unkn Rtg (Triparty) | $361,043,740$ | $3.53 \%$ |  |
|  | AAA | $77,229,486$ | $0.75 \%$ |  |
|  | Treasury | $1,897,893$ | $0.02 \%$ |  |
|  | Unkn Rtg (non-Triparty) | $1,647,804,814$ | $16.09 \%$ |  |
|  |  | $10,238,578,903$ | $100.00 \%$ |  |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF collateral report for Thursday, December 18 

Timothy Geithner, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Thursday, December 18

- Total PDCF borrowing declined by $\$ 1.43$ billion to $\$ 45.91$ billion on Thursday. Citigroup's borrowing declined by $10 \%$ since Wednesday, while borrowing by all other participants remained relatively steady.
- Merrill Lynch remains the largest participant in the facility with $\$ 21.61$ billion of borrowing. As compared with collateral pledged by all other participants, Merrill Lynch's collateral composition is more heavily weighted toward equities ( $41.9 \%$ vs. $22.9 \%$ ) and against investment grade securities ( $28 \%$ vs. $38.1 \%$ ). The proportion of non-investment grade collateral and collateral with unknown ratings are similar between Merrill Lynch and all other participants as a whole .
- Since the beginning of the week, Citigroup has decreased the amount of municipal debt pledged as collateral by $\$ 4.6$ billion, representing a $76 \%$ drop within the asset class. This decline closely matches Citigroup's reduced borrowing over this period of time.


PDCF Charts and Tables - 20081218.doc
Regards,
Tony

Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Thursday, December 18, 2008

## Highlights

- Total PDCF borrowing declined by $\$ 1.43$ billion to $\$ 45.91$ billion on Thursday. Citigroup's borrowing declined by $10 \%$ since Wednesday, while borrowing by all other participants remained relatively steady.
- Merrill Lynch remains the largest participant in the facility with $\$ 21.61$ billion of borrowing. As compared with collateral pledged by all other participants, Merrill Lynch's collateral composition is more heavily weighted toward equities $(41.9 \%$ vs. $22.9 \%$ ) and against investment grade securities ( $28 \% \mathrm{vs} .38 .1 \%$ ). The proportion of non-investment grade collateral and collateral with unknown ratings are similar between Merrill Lynch and all other participants as a whole.
- Since the beginning of the week, Citigroup has decreased the amount of municipal debt pledged as collateral by $\$ 4.6$ billion, representing a $76 \%$ drop within the asset class. This decline closely matches Citigroup's reduced borrowing over this period of time.
$\underline{\text { Overnight Borrowings - in billions }}$

| Dealer | $\mathbf{1 2 / 1 8 / 2 0 0 8}$ | $\mathbf{1 2 / 1 7 / 2 0 0 8}$ | $\mathbf{1 2 / 1 6 / 2 0 0 8}$ | $\mathbf{1 2 / 1 5 / 2 0 0 8}$ | $\mathbf{1 2 / 1 2 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Citigroup | 15.83 | 17.61 | 19.32 | 19.93 | 20.17 |
| Merrill Lynch | 21.61 | 21.33 | 21.66 | 23.37 | 23.53 |
| Mizuho | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| Morgan Stanley | 8.27 | 8.20 | 7.93 | 7.96 | 7.36 |
| Total Borrowings | $\mathbf{4 5 . 9 1}$ | $\mathbf{4 7 . 3 4}$ | $\mathbf{4 9 . 1 1}$ | $\mathbf{5 1 . 4 6}$ | $\mathbf{5 1 . 2 5}$ |
|  |  |  |  |  |  |
| Total Collateral ${ }^{*}$ | $\mathbf{5 1 . 2 7}$ | $\mathbf{5 2 . 7 9}$ | $\mathbf{5 4 . 7 3}$ | $\mathbf{5 7 . 2 3}$ | $\mathbf{5 7 . 0 1}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 1 . 6 8 \%}$ | $\mathbf{1 1 . 5 1 \%}$ | $\mathbf{1 1 . 4 4 \%}$ | $\mathbf{1 1 . 2 1 \%}$ | $\mathbf{1 1 . 2 4 \%}$ |

* Includes additional commercial loans in a Borrower-In-Custody arrangement. Further legal review of swap receivable collateral suggests that the Reserve Bank does not have a claim against swap receivables collateral unless the pledging dealer has explicitly borrowed against this collateral. As such, swap receivables collateral has been removed from the collateral totals in this report.


## RESTRICTED-FR

PDCF Borrowing Trend


## Composition of Collateral Pledged for December 18 Borrowings - in millions

[^30]| Rating $^{1}$ | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley $^{2}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Treasury | 199.2 | 152.6 | - | 1.1 | 352.9 |
| Agency | 356.5 | 15.2 | - | 12.3 | 384.0 |
| AAA | $2,524.5$ | $3,901.1$ | - | $2,340.2$ | $8,765.7$ |
| AA | 796.9 | 569.2 | - | 956.1 | $2,322.2$ |
| A | 667.3 | 902.7 | 187.8 | $1,118.9$ | $2,876.7$ |
| BBB | 575.4 | $1,007.4$ | - | 788.8 | $2,371.6$ |
| BB | 702.3 | $1,265.5$ | - | 408.8 | $2,376.6$ |
| B | $1,072.9$ | 830.7 | - | 291.4 | $2,195.0$ |
| CCC-C | 863.4 | 726.1 | - | 135.0 | $1,724.5$ |
| D | 110.0 | 261.3 | - | 42.0 | 413.3 |
| A-1 | 97.3 | - | - | - | 97.3 |
| A-2 | 10.7 | - | - | - | 10.7 |
| A-3 | - | - | - | - | - |
| NP | - | - | - | - | - |
| Equity | $5,532.2$ | $9,788.3$ | - | 864.1 | $16,184.6$ |
| Unkn Rtg (Triparty) | $3,571.2$ | $3,948.3$ | 28.9 | $\mathbf{1 , 9 9 7 . 2}$ | $9,545.6$ |
| Unkn Rtg (non-Triparty) | - | - | - | $\mathbf{1 , 6 4 7 . 8}$ | $1,647.8$ |
| Total Collateral | $\mathbf{1 7 , 0 7 9 . 7}$ | $\mathbf{2 3 , 3 6 8 . 4}$ | $\mathbf{2 1 6 . 7}$ | $\mathbf{1 0 , 6 0 3 . 6}$ | $\mathbf{5 1 , 2 6 8 . 3}$ |
| Total Borrowings | $\mathbf{1 5 , 8 2 6 . 0}$ | $\mathbf{2 1 , 6 1 3 . 7}$ | $\mathbf{2 0 2 . 6}$ | $\mathbf{8 , 2 6 8 . 4}$ | $\mathbf{4 5 , 9 1 0 . 7}$ |
| Collateral Cushion | $\mathbf{7 . 9 2 \%}$ | $\mathbf{8 . 1 2 \%}$ | $\mathbf{6 . 9 9 \%}$ | $\mathbf{2 8 . 2 4 \%}$ | $\mathbf{1 1 . 6 7 \%}$ |

Page 3 of 21

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $352,885,780$ | $0.69 \%$ |
| Agency | $383,985,378$ | $0.75 \%$ |
| AAA | $8,765,694,678$ | $17.10 \%$ |
| AA | $2,322,185,048$ | $4.53 \%$ |
| A | $2,876,690,209$ | $5.61 \%$ |
| BBB | $2,371,575,014$ | $4.63 \%$ |
| BB | $2,376,601,958$ | $4.64 \%$ |
| B | $2,195,020,319$ | $4.28 \%$ |
| CCC-C | $4134,472,003$ | $3.36 \%$ |
| D | $97,254,808$ | $0.19 \%$ |
| A-1 | $10,696,250$ | $0.02 \%$ |
| A-2 | $9,545,631,838$ | $18.62 \%$ |
| Equity | $1,647,804,814$ | $3.21 \%$ |
| Unkn Rtg (Triparty) | $51,268,341,275$ | $100.00 \%$ |
| Unkn Rtg (non-Triparty) |  |  |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $3,574,619,341$ | $6.97 \%$ |
| Agency Debt | $380,974,054$ | $0.74 \%$ |
| Auction Rate | $3,628,665,685$ | $7.08 \%$ |
| CDs-CP-BAs | $108,708,509$ | $0.21 \%$ |
| CMBS | $194,490,960$ | $0.38 \%$ |
| Convertible Bonds-Domestic | $2,407,635,935$ | $4.70 \%$ |
| Convertible Bonds-Foreign | $776,194,607$ | $1.51 \%$ |
| Corporates-Domestic | $5,563,473,647$ | $10.85 \%$ |
| Corporates-Foreign | $1,969,728,377$ | $3.84 \%$ |
| Equity-Domestic | $12,806,615,684$ | $24.98 \%$ |
| Equity-Foreign | $3,377,965,204$ | $6.59 \%$ |
| Foreign Sovereigns-Domestic | $1,073,140,316$ | $2.09 \%$ |
| Foreign Sovereigns-Foreign | $263,197,562$ | $0.51 \%$ |
| MBS - Agency - CMO | $3,011,324$ | $0.01 \%$ |
| MBS - Private (CMO) | $3,244,800,915$ | $6.33 \%$ |
| Muni | $5,959,979,652$ | $11.63 \%$ |
| Mutual Fund | $2,799,355,299$ | $5.46 \%$ |
| Other | $456,278,067$ | $0.89 \%$ |
| Supranational | $91,566,165$ | $0.18 \%$ |
| Treasury | $352,885,780$ | $0.69 \%$ |
| Whole Loans | $587,249,378$ | $1.15 \%$ |
| Whole Loans - DW | $1,647,804,814$ | $3.21 \%$ |
| Total | $51,268,341,275$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 65,634,221 | 0.38\% |
|  |  | AA | 90,674 | 0.00\% |
|  |  | A | 200,392,491 | 1.17\% |
|  |  | BBB | 148,361,877 | 0.87\% |
|  |  | BB | 178,026,445 | 1.04\% |
|  |  | B | 223,754,013 | 1.31\% |
|  |  | CCC-C | 76,066,172 | 0.45\% |
|  |  | D | 88,905,851 | 0.52\% |
|  |  | Unkn Rtg (Triparty) | 354,818,625 | 2.08\% |
|  | Agency Debt | Agency | 356,480,078 | 2.09\% |
|  | CDs-CP-BAs | A-1 | 97,254,808 | 0.57\% |
|  |  | A-2 | 10,696,250 | 0.06\% |
|  | CMBS | Unkn Rtg (Triparty) | 148,068,254 | 0.87\% |
|  | Convertible Bonds-Domestic | BB | 47,707,797 | 0.28\% |
|  |  | Unkn Rtg (Triparty) | 1,246,201,792 | 7.30\% |
|  | Convertible Bonds-Foreign | BB | 4,697,254 | 0.03\% |
|  |  | B | 2,472,469 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 458,918,878 | 2.69\% |
|  | Corporates-Domestic | AAA | 197,061,544 | 1.15\% |
|  |  | AA | 33,261,542 | 0.19\% |
|  |  | A | 162,470,419 | 0.95\% |
|  |  | BBB | 151,021,356 | 0.88\% |
|  |  | BB | 107,105,561 | 0.63\% |
|  |  | B | 53,315,692 | 0.31\% |
|  |  | CCC-C | 756,735,998 | 4.43\% |
|  |  | D | 21,056,322 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 649,934,228 | 3.81\% |
|  | Corporates-Foreign | A | 12,527,033 | 0.07\% |
|  |  | BBB | 113,458,732 | 0.66\% |
|  |  | BB | 67,106,126 | 0.39\% |
|  |  | B | 5,582,566 | 0.03\% |
|  |  | CCC-C | 13,853,924 | 0.08\% |
|  |  | D | 22,922 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 118,751,580 | 0.70\% |
|  | Equity-Domestic | Equity | 5,231,686,684 | 30.63\% |
|  | Equity-Foreign | Equity | 300,479,118 | 1.76\% |
|  | Foreign Sovereigns-Domestic | BB | 11,515,558 | 0.07\% |
|  |  | B | 5,180,058 | 0.03\% |
|  |  | CCC-C | 8,837,322 | 0.05\% |
|  | Foreign Sovereigns-Foreign | BBB | 11,537,250 | 0.07\% |
|  |  | BB | 4,274,172 | 0.03\% |
|  | MBS - Private (CMO) | AAA | 324,203,844 | 1.90\% |
|  |  | AA | Page 1,656,065 | 0.48\% |
|  |  | A | 139,437,265 | 0.82\% |
|  |  | BBB | 61,052,554 | 0.36\% |
|  |  | BB | 281,830,228 | 1.65\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Muni (con't) | A | 152,462,070 | 0.89\% |
|  |  | BBB | 89,979,427 | 0.53\% |
|  |  | B | 717,455 | 0.00\% |
|  |  | CCC-C | 89,865 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 180,217,987 | 1.06\% |
|  | Mutual Fund | AAA | 1,551,425,000 | 9.08\% |
|  |  | Unkn Rtg (Triparty) | 284,705,861 | 1.67\% |
|  | Supranational | AAA | 265,757 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 7,736 | 0.00\% |
|  | Treasury | Treasury | 199,211,703 | 1.17\% |
|  | Dealer Total |  | 17,079,650,399 | 100.00\% |
| Merrill Lynch | ABS | AAA | 330,272,332 | 1.41\% |
|  |  | AA | 77,509,535 | 0.33\% |
|  |  | A | 231,877,070 | 0.99\% |
|  |  | BBB | 119,599,336 | 0.51\% |
|  |  | BB | 173,888,043 | 0.74\% |
|  |  | B | 179,512,245 | 0.77\% |
|  |  | CCC-C | 233,981,081 | 1.00\% |
|  |  | D | 164,587,118 | 0.70\% |
|  |  | Unkn Rtg (Triparty) | 199,488,097 | 0.85\% |
|  | Agency Debt | Agency | 12,709,372 | 0.05\% |
|  | Auction Rate | AAA | 2,936,499,620 | 12.57\% |
|  |  | AA | 156,948,252 | 0.67\% |
|  |  | A | 134,023,828 | 0.57\% |
|  |  | BBB | 125,720,026 | 0.54\% |
|  |  | BB | 39,434,092 | 0.17\% |
|  |  | CCC-C | 44,521,817 | 0.19\% |
|  |  | Unkn Rtg (Triparty) | 191,518,051 | 0.82\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 729,934 | 0.00\% |
|  | CMBS | Unkn Rtg (Triparty) | 501,090 | 0.00\% |
|  | Convertible Bonds-Domestic | A | 38,322,690 | 0.16\% |
|  |  | B | 5,613,356 | 0.02\% |
|  |  | CCC-C | 86,476,083 | 0.37\% |
|  |  | D | 2,760 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 595,830,790 | 2.55\% |
|  | Convertible Bonds-Foreign | BBB | 13 | 0.00\% |
|  |  | B | 108 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 56,305,299 | 0.24\% |
|  | Corporates-Domestic | AAA | 84,033,972 | 0.36\% |
|  |  | AA | 16,204,273 | 0.07\% |
|  |  | A | 242,053,501 | 1.04\% |
|  |  | BBB | 111,732,984 | 0.48\% |
|  |  | BB | 49,332,256 | 0.21\% |
|  |  | B | 49,347,620 | 0.21\% |
|  |  | CCC-C | Page 323, 4 f02624 | 1.41\% |
|  |  | D | 82,309,235 | 0.35\% |
|  |  | Unkn Rtg (Triparty) | 830,994,887 | 3.56\% |
|  | Corporates-Foreign | AAA | 16,744,584 | 0.07\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Foreign (con't) | BB | 270,158,482 | 1.16\% |
|  |  | B | 42,124,181 | 0.18\% |
|  |  | CCC-C | 15,354,495 | 0.07\% |
|  |  | D | 2,448,773 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 235,227,559 | 1.01\% |
|  | Equity-Domestic | Equity | 7,222,599,983 | 30.91\% |
|  | Equity-Foreign | Equity | 2,565,726,142 | 10.98\% |
|  | Foreign Sovereigns-Domestic | AAA | 716,987 | 0.00\% |
|  |  | AA | 8,092,810 | 0.03\% |
|  |  | A | 31,491,159 | 0.13\% |
|  |  | BBB | 44,433,364 | 0.19\% |
|  |  | BB | 546,662,343 | 2.34\% |
|  |  | B | 172,353,721 | 0.74\% |
|  |  | CCC-C | 4,378,788 | 0.02\% |
|  |  | D | 8,870,621 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 4,358,233 | 0.02\% |
|  | Foreign Sovereigns-Foreign | A | 11,002,438 | 0.05\% |
|  |  | BBB | 100,409,089 | 0.43\% |
|  |  | BB | 24,804,147 | 0.11\% |
|  |  | B | 65,775,170 | 0.28\% |
|  |  | D | 2,073,429 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 3,265,299 | 0.01\% |
|  | MBS - Agency - CMO | Agency | 2,524,290 | 0.01\% |
|  | MBS - Private (CMO) | AAA | 347,850,632 | 1.49\% |
|  |  | AA | 98,008,145 | 0.42\% |
|  |  | A | 11,117,977 | 0.05\% |
|  |  | BBB | 77,281,595 | 0.33\% |
|  |  | BB | 146,862,662 | 0.63\% |
|  |  | B | 314,265,616 | 1.34\% |
|  |  | CCC-C | 11,926,774 | 0.05\% |
|  |  | D | 1,027,759 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 16,219,139 | 0.07\% |
|  | Muni | AAA | 183,838,244 | 0.79\% |
|  |  | AA | 185,278,758 | 0.79\% |
|  |  | A | 122,829,863 | 0.53\% |
|  |  | BBB | 287,062,564 | 1.23\% |
|  |  | BB | 14,360,073 | 0.06\% |
|  |  | B | 1,726,852 | 0.01\% |
|  |  | CCC-C | 27,582 | 0.00\% |
|  |  | D | 599 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 770,261,767 | 3.30\% |
|  | Other | Unkn Rtg (Triparty) | 456,278,067 | 1.95\% |
|  | Supranational | AAA | 1,106,260 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 27,944 | 0.00\% |
|  | Treasury | Treasury | 152,575,440 | 0.65\% |
|  | Whole Loans | Unkn Rtg (Triparty) | 587,249,378 | 2.51\% |
|  | Dealer Total |  | Page23,6681878,207 | 100.00\% |
| Mizuho | Corporates-Domestic | A | 187,815,755 | 86.66\% |
|  |  | Unkn Rtg (Triparty) | 28,911,435 | 13.34\% |
|  | Dealer Total |  | 216,727,189 | 100.00\% |
| Morgan Stanley | ABS | AAA | 336,926,084 | 3.18\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | ABS (con't) | AA | 43,184,896 | 0.41\% |
|  |  | A | 33,995,583 | 0.32\% |
|  |  | BBB | 22,342,274 | 0.21\% |
|  |  | BB | 36,194,541 | 0.34\% |
|  |  | B | 21,874 | 0.00\% |
|  |  | CCC-C | 4,403,974 | 0.04\% |
|  |  | D | 3,075,388 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 47,709,505 | 0.45\% |
|  | Agency Debt | Agency | 11,784,605 | 0.11\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 27,517 | 0.00\% |
|  | CMBS | Unkn Rtg (Triparty) | 45,921,616 | 0.43\% |
|  | Convertible Bonds-Domestic | A | 50,846,091 | 0.48\% |
|  |  | BBB | 52,747,187 | 0.50\% |
|  |  | BB | 14,381,718 | 0.14\% |
|  |  | Unkn Rtg (Triparty) | 269,505,671 | 2.54\% |
|  | Convertible Bonds-Foreign | BBB | 9,963,871 | 0.09\% |
|  |  | BB | 455,663 | 0.00\% |
|  |  | B | 6,411,551 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 236,969,502 | 2.23\% |
|  | Corporates-Domestic | AAA | 66,608,250 | 0.63\% |
|  |  | AA | 158,539,635 | 1.50\% |
|  |  | A | 202,820,481 | 1.91\% |
|  |  | BBB | 268,412,586 | 2.53\% |
|  |  | BB | 122,801,289 | 1.16\% |
|  |  | B | 70,612,078 | 0.67\% |
|  |  | CCC-C | 38,591,651 | 0.36\% |
|  |  | D | 14,368,174 | 0.14\% |
|  |  | Unkn Rtg (Triparty) | 476,610,303 | 4.49\% |
|  | Corporates-Foreign | AAA | 62,936,613 | 0.59\% |
|  |  | AA | 43,095,107 | 0.41\% |
|  |  | A | 43,172,937 | 0.41\% |
|  |  | BBB | 35,824,849 | 0.34\% |
|  |  | BB | 168,516,324 | 1.59\% |
|  |  | B | 39,244,700 | 0.37\% |
|  |  | CCC-C | 19,870,763 | 0.19\% |
|  |  | D | 11,307,565 | 0.11\% |
|  |  | Unkn Rtg (Triparty) | 384,093,513 | 3.62\% |
|  | Equity-Domestic | Equity | 352,329,017 | 3.32\% |
|  | Equity-Foreign | Equity | 511,759,944 | 4.83\% |
|  | Foreign Sovereigns-Domestic | AAA | 647,636 | 0.01\% |
|  |  | AA | 4,644,113 | 0.04\% |
|  |  | A | 1,691,618 | 0.02\% |
|  |  | BBB | 683,170 | 0.01\% |
|  |  | BB | 62,215,452 | 0.59\% |
|  |  | B | 116,243,877 | 1.10\% |
|  |  | CCC-C | 14,618,364 | 0.14\% |
|  |  | D | 13,203,192 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 12,301,933 | 0.12\% |
|  | Foreign Sovereigns-Foreign | BBB | Page 1900885, 247 | 0.10\% |
|  |  | BB | 307,959 | 0.00\% |
|  |  | B | 29,363,362 | 0.28\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | MBS - Agency - CMO | Agency | 487,034 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 251,806,920 | 2.37\% |
|  |  | AA | 95,677,359 | 0.90\% |
|  |  | A | 38,067,334 | 0.36\% |
|  |  | BBB | 15,812,778 | 0.15\% |
|  |  | BB | 2,901,853 | 0.03\% |
|  |  | B | 7,206,672 | 0.07\% |
|  |  | CCC-C | 19,976 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 1,001,830 | 0.01\% |
|  | Muni | AAA | 948,157,606 | 8.94\% |
|  |  | AA | 610,953,662 | 5.76\% |
|  |  | A | 748,269,597 | 7.06\% |
|  |  | BBB | 372,579,756 | 3.51\% |
|  |  | BB | 1,061,923 | 0.01\% |
|  |  | B | 22,311,700 | 0.21\% |
|  |  | CCC-C | 57,507,554 | 0.54\% |
|  |  | D | 2,585 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 142,784,174 | 1.35\% |
|  | Mutual Fund | AAA | 582,913,428 | 5.50\% |
|  |  | Unkn Rtg (Triparty) | 380,311,010 | 3.59\% |
|  | Supranational | AAA | 90,158,468 | 0.85\% |
|  | Treasury | Treasury | 1,098,638 | 0.01\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,647,804,814 | 15.54\% |
|  | Dealer Total |  | 10,603,587,480 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF collateral report for Friday , December 19 

Timothy Geithner, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Friday, December 19

- Total PDCF borrowing increased by $\$ 4.29$ billion to $\$ 50.2$ billion on Friday. Morgan Stanley and Citigroup accounted for the vast majority of additional borrowing with increases of $\$ 2.05$ billion and $\$ 1.64$ billion, respectively.
- Between Thursday and Friday, the composition of collateral pledged by Morgan Stanley noticeably shifted towards municipal debt ( $42.7 \%$ from $27.4 \%$ ). The proportion of collateral from all other security types either decreased or remained steady. Nearly all of the $\$ 2.2$ billion of additional collateral posted by Morgan Stanley on Friday was municipal debt.
- Of the $\$ 55.92$ billion of collateral pledged by all participants, $13.38 \%$ ( $\$ 7.48$ billion) are foreign denominated securities. This is a slight increase in the proportion of foreign denominated collateral as compared to a week earlier ( $12.6 \%, \$ 7.18$ billion).


# Primary Dealer Credit Facility Collateral Report 

For Friday, December 19, 2008

## Highlights

- Total PDCF borrowing increased by $\$ 4.29$ billion to $\$ 50.2$ billion on Friday. Morgan Stanley and Citigroup accounted for the vast majority of additional borrowing with increases of $\$ 2.05$ billion and $\$ 1.64$ billion, respectively.
- Between Thursday and Friday, the composition of collateral pledged by Morgan Stanley noticeably shifted towards municipal debt $(42.7 \%$ from $27.4 \%)$. The proportion of collateral from all other security types either decreased or remained steady. Nearly all of the $\$ 2.2$ billion of additional collateral posted by Morgan Stanley on Friday was municipal debt.
- Of the $\$ 55.92$ billion of collateral pledged by all participants, $13.38 \%$ ( $\$ 7.48$ billion) are foreign denominated securities. This is a slight increase in the proportion of foreign denominated collateral as compared to a week earlier ( $12.6 \%, \$ 7.18$ billion).


## Overnight Borrowings - in billions

|  | $\mathbf{1 2 / 1 9 / 2 0 0 8}$ | $\mathbf{1 2 / 1 8 / 2 0 0 8}$ | $\mathbf{1 2 / 1 7 / 2 0 0 8}$ | $\mathbf{1 2 / 1 6 / 2 0 0 8}$ | $\mathbf{1 2 / 1 5 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Dealer | 17.47 | 15.83 | 17.61 | 19.32 | 19.93 |
| Citigroup | 22.21 | 21.61 | 21.33 | 21.66 | 23.37 |
| Merrill Lynch | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| Mizuho | 10.32 | 8.27 | 8.20 | 7.93 | 7.96 |
| Morgan Stanley | $\mathbf{5 0 . 2 0}$ | $\mathbf{4 5 . 9 1}$ | $\mathbf{4 7 . 3 4}$ | $\mathbf{4 9 . 1 1}$ | $\mathbf{5 1 . 4 6}$ |
| Total Borrowings |  |  |  |  |  |
|  | $\mathbf{5 5 . 9 2}$ | $\mathbf{5 1 . 2 7}$ | $\mathbf{5 2 . 7 9}$ | $\mathbf{5 4 . 7 3}$ | $\mathbf{5 7 . 2 3}$ |
| Total Collateral |  |  |  |  |  |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 1 . 3 9 \%}$ | $\mathbf{1 1 . 6 8 \%}$ | $\mathbf{1 1 . 5 1 \%}$ | $\mathbf{1 1 . 4 4 \%}$ | $\mathbf{1 1 . 2 1 \%}$ |

[^31]PDCF Borrowing Trend


## Composition of Collateral Pledged for December 19 Borrowings - in millions

[^32]| Rating $^{1}$ | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley $^{2}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Treasury | 115.5 | 131.0 | - | 1.1 | 247.6 |
| Agency | 355.5 | 14.5 | - | 12.5 | 382.5 |
| AAA | $2,653.3$ | $3,963.9$ | - | $2,864.3$ | $9,481.5$ |
| AA | 709.5 | 522.1 | - | $1,690.1$ | $2,921.7$ |
| A | 829.9 | 836.4 | 190.0 | $1,489.0$ | $3,345.2$ |
| BBB | 502.5 | $1,100.3$ | - | 872.2 | $2,475.1$ |
| BB | 595.3 | $1,261.3$ | - | 362.4 | $2,219.1$ |
| B | $1,103.8$ | 897.0 | - | 335.5 | $2,336.4$ |
| CCC-C | 878.3 | 714.2 | - | 163.5 | $1,756.1$ |
| D | 129.8 | 264.0 | - | 45.9 | 439.7 |
| A-1 | 728.9 | - | - | - | 728.9 |
| A-2 | 42.4 | - | - | - | 42.4 |
| A-3 | 11.9 | - | - | - | 11.9 |
| NP | - | - | - | - | - |
| Equity | $6,355.0$ | $10,186.0$ | - | 763.8 | $17,304.8$ |
| Unkn Rtg (Triparty) | $3,852.4$ | $\mathbf{4 , 1 4 6 . 8}$ | $\mathbf{2 3 . 6}$ | $2,551.6$ | $10,574.5$ |
| Unkn Rtg (non-Triparty) | - | - | - | $\mathbf{1 , 6 4 7 . 8}$ | $1,647.8$ |
| Total Collateral | $\mathbf{1 8 , 8 6 4 . 4}$ | $\mathbf{2 4 , 0 3 7 . 4}$ | $\mathbf{2 1 3 . 6}$ | $\mathbf{1 2 , 7 9 9 . 9}$ | $\mathbf{5 5 , 9 1 5 . 2}$ |
| Total Borrowings | $\mathbf{1 7 , 4 6 8 . 0}$ | $\mathbf{2 2 , \mathbf { 2 1 2 . 6 }}$ | $\mathbf{1 9 9 . 6}$ | $\mathbf{1 0 , 3 2 3 . 8}$ | $\mathbf{5 0 , 2 0 4 . 0}$ |
| Collateral Cushion | $\mathbf{7 . 9 9 \%}$ | $\mathbf{8 . 2 2 \%}$ | $\mathbf{7 . 0 0 \%}$ | $\mathbf{2 3 . 9 8 \%}$ | $\mathbf{1 1 . 3 8 \%}$ |

Collateral Value and Rating Distribution by Dealer


## Distribution of Total Pledged Collateral by Rating



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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $247,622,721$ | $0.44 \%$ |
| Agency | $382,529,912$ | $0.68 \%$ |
| AAA | $9,481,518,786$ | $16.96 \%$ |
| AA | $2,921,695,959$ | $5.23 \%$ |
| A | $3,345,232,737$ | $5.98 \%$ |
| BBB | $2,475,069,554$ | $4.43 \%$ |
| BB | $2,219,055,639$ | $3.97 \%$ |
| B | $2,336,357,631$ | $4.18 \%$ |
| CCC-C | $1,756,083,618$ | $3.14 \%$ |
| D | $439,728,252$ | $0.79 \%$ |
| A-1 | $728,944,671$ | $1.30 \%$ |
| A-2 | $42,353,878$ | $0.08 \%$ |
| A-3 | $11,940,000$ | $0.02 \%$ |
| Equity | $17,304,849,015$ | $30.95 \%$ |
| Unkn Rtg (Triparty) | $10,574,450,429$ | $18.91 \%$ |
| Unkn Rtg (non-Triparty) | $1,647,804,814$ | $2.95 \%$ |
| Total | $55,915,237,613$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $3,646,776,099$ | $6.52 \%$ |
| Agency Debt | $380,373,878$ | $0.68 \%$ |
| Auction Rate | $3,489,820,611$ | $6.24 \%$ |
| CDs-CP-BAs | $783,996,378$ | $1.40 \%$ |
| CMBS | $253,447,651$ | $0.45 \%$ |
| Convertible Bonds-Domestic | $2,591,579,167$ | $4.63 \%$ |
| Convertible Bonds-Foreign | $1,050,596,052$ | $1.88 \%$ |
| Corporates-Domestic | $5,221,776,718$ | $9.34 \%$ |
| Corporates-Foreign | $1,743,791,667$ | $3.12 \%$ |
| Equity-Domestic | $12,986,153,441$ | $23.22 \%$ |
| Equity-Foreign | $4,318,695,574$ | $7.72 \%$ |
| Foreign Sovereigns-Domestic | $1,016,784,170$ | $1.82 \%$ |
| Foreign Sovereigns-Foreign | $371,114,615$ | $0.66 \%$ |
| MBS - Agency - CMO | $2,156,034$ | $0.00 \%$ |
| MBS - Private (CMO) | $3,168,712,360$ | $5.67 \%$ |
| Muni | $8,605,403,929$ | $15.39 \%$ |
| Mutual Fund | $3,276,231,117$ | $5.86 \%$ |
| Other | $456,278,067$ | $0.82 \%$ |
| Supranational | $69,000,638$ | $0.12 \%$ |
| Treasury | $247,622,721$ | $0.44 \%$ |
| Whole Loans | $587,121,914$ | $1.05 \%$ |
| Whole Loans - DW | $1,647,804,814$ | $2.95 \%$ |
| Total | $55,915,237,613$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 65,681,231 | 0.35\% |
|  |  | AA | 90,674 | 0.00\% |
|  |  | A | 200,226,298 | 1.06\% |
|  |  | BBB | 150,353,741 | 0.80\% |
|  |  | BB | 190,720,908 | 1.01\% |
|  |  | B | 238,052,533 | 1.26\% |
|  |  | CCC-C | 100,815,189 | 0.53\% |
|  |  | D | 109,812,390 | 0.58\% |
|  |  | Unkn Rtg (Triparty) | 375,056,067 | 1.99\% |
|  | Agency Debt | Agency | 355,476,937 | 1.88\% |
|  | CDs-CP-BAs | A-1 | 728,944,671 | 3.86\% |
|  |  | A-2 | 42,353,878 | 0.22\% |
|  |  | A-3 | 11,940,000 | 0.06\% |
|  | CMBS | Unkn Rtg (Triparty) | 150,135,938 | 0.80\% |
|  | Convertible Bonds-Domestic | BB | 47,570,584 | 0.25\% |
|  |  | B | 18,078,500 | 0.10\% |
|  |  | Unkn Rtg (Triparty) | 1,245,209,429 | 6.60\% |
|  | Convertible Bonds-Foreign | A | 1,179,119 | 0.01\% |
|  |  | BB | 8,912,338 | 0.05\% |
|  |  | B | 2,407,507 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 697,050,845 | 3.70\% |
|  | Corporates-Domestic | AAA | 8,049,033 | 0.04\% |
|  |  | AA | 33,268,211 | 0.18\% |
|  |  | A | 268,596,977 | 1.42\% |
|  |  | BBB | 117,688,465 | 0.62\% |
|  |  | BB | 51,660,365 | 0.27\% |
|  |  | B | 41,108,863 | 0.22\% |
|  |  | CCC-C | 755,625,768 | 4.01\% |
|  |  | D | 20,018,180 | 0.11\% |
|  |  | Unkn Rtg (Triparty) | 610,598,800 | 3.24\% |
|  | Corporates-Foreign | A | 1,147,839 | 0.01\% |
|  |  | BBB | 21,458,690 | 0.11\% |
|  |  | BB | 58,326,902 | 0.31\% |
|  |  | B | 4,912,248 | 0.03\% |
|  |  | CCC-C | 13,948,702 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 118,984,517 | 0.63\% |
|  | Equity-Domestic | Equity | 5,664,305,742 | 30.03\% |
|  | Equity-Foreign | Equity | 690,713,898 | 3.66\% |
|  | Foreign Sovereigns-Domestic | B | 5,244,983 | 0.03\% |
|  | Foreign Sovereigns-Foreign | BBB | 11,345,201 | 0.06\% |
|  | MBS - Private (CMO) | AAA | 317,264,815 | 1.68\% |
|  |  | AA | 46,130,954 | 0.24\% |
|  |  | A | Page 4,840,7z | 0.61\% |
|  |  | BBB | 54,993,500 | 0.29\% |
|  |  | BB | 238,143,389 | 1.26\% |
|  |  | B | 793,222,896 | 4.20\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Muni (con't) | BBB | 146,699,217 | 0.78\% |
|  |  | B | 791,999 | 0.00\% |
|  |  | CCC-C | 89,872 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 178,123,881 | 0.94\% |
|  | Mutual Fund | AAA | 1,967,975,000 | 10.43\% |
|  |  | Unkn Rtg (Triparty) | 329,337,539 | 1.75\% |
|  | Supranational | AAA | 265,891 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 14,710 | 0.00\% |
|  | Treasury | Treasury | 115,543,499 | 0.61\% |
|  | Dealer Total |  | 18,864,369,692 | 100.00\% |
| Merrill Lynch | ABS | AAA | 332,209,393 | 1.38\% |
|  |  | AA | 77,134,548 | 0.32\% |
|  |  | A | 228,044,780 | 0.95\% |
|  |  | BBB | 135,959,137 | 0.57\% |
|  |  | BB | 167,458,506 | 0.70\% |
|  |  | B | 183,924,095 | 0.77\% |
|  |  | CCC-C | 233,154,643 | 0.97\% |
|  |  | D | 164,320,604 | 0.68\% |
|  |  | Unkn Rtg (Triparty) | 184,265,976 | 0.77\% |
|  | Agency Debt | Agency | 12,845,904 | 0.05\% |
|  | Auction Rate | AAA | 2,896,294,526 | 12.05\% |
|  |  | AA | 156,948,252 | 0.65\% |
|  |  | A | 92,407,356 | 0.38\% |
|  |  | BBB | 125,668,020 | 0.52\% |
|  |  | CCC-C | 29,510,604 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 188,991,853 | 0.79\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 729,942 | 0.00\% |
|  | CMBS | Unkn Rtg (Triparty) | 45,002,587 | 0.19\% |
|  | Convertible Bonds-Domestic | A | 10,790,549 | 0.04\% |
|  |  | BBB | 92,086,108 | 0.38\% |
|  |  | BB | 48,753,137 | 0.20\% |
|  |  | B | 51,551,056 | 0.21\% |
|  |  | CCC-C | 83,934,579 | 0.35\% |
|  |  | D | 2,500 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 679,280,413 | 2.83\% |
|  | Convertible Bonds-Foreign | BBB | 13 | 0.00\% |
|  |  | B | 107 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 71,434,685 | 0.30\% |
|  | Corporates-Domestic | AAA | 87,795,178 | 0.37\% |
|  |  | AA | 15,589,988 | 0.06\% |
|  |  | A | 241,021,692 | 1.00\% |
|  |  | BBB | 98,840,749 | 0.41\% |
|  |  | BB | 72,409,375 | 0.30\% |
|  |  | B | 66,538,647 | 0.28\% |
|  |  | CCC-C | Page 335,99527152 | 1.40\% |
|  |  | D | 84,865,606 | 0.35\% |
|  |  | Unkn Rtg (Triparty) | 776,931,757 | 3.23\% |
|  | Corporates-Foreign | AAA | 16,688,534 | 0.07\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Foreign (con't) | BB | 269,875,893 | 1.12\% |
|  |  | B | 38,809,550 | 0.16\% |
|  |  | CCC-C | 15,408,282 | 0.06\% |
|  |  | D | 2,553,646 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 234,228,322 | 0.97\% |
|  | Equity-Domestic | Equity | 7,054,650,683 | 29.35\% |
|  | Equity-Foreign | Equity | 3,131,372,070 | 13.03\% |
|  | Foreign Sovereigns-Domestic | AAA | 717,009 | 0.00\% |
|  |  | AA | 7,944,160 | 0.03\% |
|  |  | A | 29,289,230 | 0.12\% |
|  |  | BBB | 46,824,217 | 0.19\% |
|  |  | BB | 523,493,376 | 2.18\% |
|  |  | B | 155,742,667 | 0.65\% |
|  |  | CCC-C | 4,380,947 | 0.02\% |
|  |  | D | 9,097,697 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 3,792,026 | 0.02\% |
|  | Foreign Sovereigns-Foreign | AAA | 94,679,221 | 0.39\% |
|  |  | A | 11,120,137 | 0.05\% |
|  |  | BBB | 97,428,605 | 0.41\% |
|  |  | BB | 25,258,376 | 0.11\% |
|  |  | B | 66,510,693 | 0.28\% |
|  |  | D | 2,097,952 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 3,524,457 | 0.01\% |
|  | MBS - Agency - CMO | Agency | 1,668,897 | 0.01\% |
|  | MBS - Private (CMO) | AAA | 348,513,176 | 1.45\% |
|  |  | AA | 97,987,136 | 0.41\% |
|  |  | A | 15,713,104 | 0.07\% |
|  |  | BBB | 69,767,491 | 0.29\% |
|  |  | BB | 139,647,876 | 0.58\% |
|  |  | B | 332,189,906 | 1.38\% |
|  |  | CCC-C | 11,845,109 | 0.05\% |
|  |  | D | 1,014,966 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 16,178,079 | 0.07\% |
|  | Muni | AAA | 185,871,065 | 0.77\% |
|  |  | AA | 139,510,889 | 0.58\% |
|  |  | A | 128,430,965 | 0.53\% |
|  |  | BBB | 286,942,345 | 1.19\% |
|  |  | BB | 14,385,887 | 0.06\% |
|  |  | B | 1,746,224 | 0.01\% |
|  |  | D | 599 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 887,838,507 | 3.69\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 11,148,491 | 0.05\% |
|  | Other | Unkn Rtg (Triparty) | 456,278,067 | 1.90\% |
|  | Supranational | AAA | 1,109,508 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 28,346 | 0.00\% |
|  | Treasury | Treasury | 130,979,351 | 0.54\% |
|  | Whole Loans | Unkn Rtg (Triparty) | Page 1880122,914 | 2.44\% |
|  | Dealer Total |  | 24,037,378,515 | 100.00\% |
| Mizuho | Corporates-Domestic | A | 189,972,854 | 88.94\% |
|  |  | Unkn Rtg (Triparty) | 23,630,395 | 11.06\% |
|  | Dealer Total |  | 213,603,249 | 100.00\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value \% | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley | ABS | AAA | 324,211,175 | 2.53\% |
|  |  | AA | 41,389,275 | 0.32\% |
|  |  | A | 33,840,108 | 0.26\% |
|  |  | BBB | 22,340,868 | 0.17\% |
|  |  | BB | 34,085,455 | 0.27\% |
|  |  | B | 21,998 | 0.00\% |
|  |  | CCC-C | 4,404,462 | 0.03\% |
|  |  | D | 3,082,675 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 46,119,373 | 0.36\% |
|  | Agency Debt | Agency | 12,051,038 | 0.09\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 27,887 | 0.00\% |
|  | CMBS | Unkn Rtg (Triparty) | 58,309,126 | 0.46\% |
|  | Convertible Bonds-Domestic | A | 50,810,118 | 0.40\% |
|  |  | BBB | 51,589,138 | 0.40\% |
|  |  | BB | 14,342,440 | 0.11\% |
|  |  | Unkn Rtg (Triparty) | 197,580,618 | 1.54\% |
|  | Convertible Bonds-Foreign | BBB | 10,154,799 | 0.08\% |
|  |  | BB | 431,254 | 0.00\% |
|  |  | B | 6,330,037 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 252,695,348 | 1.97\% |
|  | Corporates-Domestic | AAA | 66,447,554 | 0.52\% |
|  |  | AA | 143,763,768 | 1.12\% |
|  |  | A | 202,637,953 | 1.58\% |
|  |  | BBB | 210,053,286 | 1.64\% |
|  |  | BB | 108,790,121 | 0.85\% |
|  |  | B | 59,949,523 | 0.47\% |
|  |  | CCC-C | 38,403,094 | 0.30\% |
|  |  | D | 14,953,329 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 476,581,438 | 3.72\% |
|  | Corporates-Foreign | AAA | 40,443,846 | 0.32\% |
|  |  | AA | 29,576,955 | 0.23\% |
|  |  | A | 38,315,144 | 0.30\% |
|  |  | BBB | 64,041,113 | 0.50\% |
|  |  | BB | 131,966,883 | 1.03\% |
|  |  | B | 39,224,552 | 0.31\% |
|  |  | CCC-C | 18,584,002 | 0.15\% |
|  |  | D | 11,435,404 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 320,570,387 | 2.50\% |
|  | Equity-Domestic | Equity | 267,197,016 | 2.09\% |
|  | Equity-Foreign | Equity | 496,609,606 | 3.88\% |
|  | Foreign Sovereigns-Domestic | AAA | 645,475 | 0.01\% |
|  |  | AA | 4,666,000 | 0.04\% |
|  |  | A | 1,638,944 | 0.01\% |
|  |  | BBB | 682,325 | 0.01\% |
|  |  | BB | 60,907,916 | 0.48\% |
|  |  | B | 119,365,507 | 0.93\% |
|  |  | CCC-C | 13,544,940 | 0.11\% |
|  |  | D | 16,469,623 | 0.13\% |
|  |  | Unkn Rtg (Triparty) | Page3t,4201 2 | $110.10 \%$ |
|  | Foreign Sovereigns-Foreign | BBB | 10,369,240 | 0.08\% |
|  |  | BB | 312,501 | 0.00\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Foreign Sovereigns-Foreign (con't) | B | 29,594,977 | 0.23\% |
|  |  | Unkn Rtg (Triparty) | 18,873,256 | 0.15\% |
|  | MBS - Agency - CMO | Agency | 487,137 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 253,958,564 | 1.98\% |
|  |  | AA | 96,196,071 | 0.75\% |
|  |  | A | 38,273,205 | 0.30\% |
|  |  | BBB | 15,799,298 | 0.12\% |
|  |  | BB | 2,943,829 | 0.02\% |
|  |  | B | 7,170,999 | 0.06\% |
|  |  | CCC-C | 20,017 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 1,137,353 | 0.01\% |
|  | Muni | AAA | 1,525,696,414 | 11.92\% |
|  |  | AA | 1,374,519,041 | 10.74\% |
|  |  | A | 1,123,447,912 | 8.78\% |
|  |  | BBB | 487,175,170 | 3.81\% |
|  |  | BB | 8,658,330 | 0.07\% |
|  |  | B | 73,867,564 | 0.58\% |
|  |  | CCC-C | 88,576,076 | 0.69\% |
|  |  | D | 3,082 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 784,929,143 | 6.13\% |
|  | Mutual Fund | AAA | 585,306,582 | 4.57\% |
|  |  | Unkn Rtg (Triparty) | 382,463,505 | 2.99\% |
|  | Supranational | AAA | 67,582,184 | 0.53\% |
|  | Treasury | Treasury | 1,099,871 | 0.01\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,647,804,814 | 12.87\% |
|  | Dealer Total |  | 12,799,886,157 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

## RESTRICTED FR

## Highlights for Monday, December 22

- Total PDCF borrowing decreased by $\$ 7.97$ billion to $\$ 42.23$ billion on Monday. This is the lowest level of borrowing since September 16th.
- Borrowing by Morgan Stanley declined $\$ 2.37$ billion. The additional municipal debt securities pledged on Friday were largely withdrawn given the decline in Monday's borrowing.
- Merrill Lynch's borrowing declined by $\$ 4.87$ billion, bringing its total borrowing to its lowest level since September 19th. Notably, Merrill Lynch discontinued borrowing against Blackrock stock. As a result, the proportion of equity collateral pledged by Merrill Lynch declined from $42.4 \%$ to $26.4 \%$.
- Of Merrill Lynch's currently pledged collateral, $43.4 \%$ is eligible due to the expanded collateral schedule which took effect on September 15th and $23 \%$ is eligible due to the transitional credit program which took effect on September 21st. The remaining $33.6 \%$ of collateral would have been eligible since the start of the facility.


PDCF Charts and Tables - 20081222.doc
Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Monday, December 22, 2008

## Highlights

- Total PDCF borrowing decreased by $\$ 7.97$ billion to $\$ 42.23$ billion on Monday. This is the lowest level of borrowing since September $16^{\text {th }}$.
- Borrowing by Morgan Stanley declined $\$ 2.37$ billion. The additional municipal debt securities pledged on Friday were largely withdrawn given the decline in Monday's borrowing.
- Merrill Lynch's borrowing declined by $\$ 4.87$ billion, bringing its total borrowing to its lowest level since September $19^{\text {th }}$. Notably, Merrill Lynch discontinued borrowing against Blackrock stock. As a result, the proportion of equity collateral pledged by Merrill Lynch declined from $42.4 \%$ to $26.4 \%$.
- Of Merrill Lynch's currently pledged collateral, $43.4 \%$ is eligible due to the expanded collateral schedule which took effect on September $15^{\text {th }}$ and $23 \%$ is eligible due to the transitional credit program which took effect on September $21^{\text {st }}$. The remaining $33.6 \%$ of collateral would have been eligible since the start of the facility.

Overnight Borrowings - in billions

| Dealer | $\mathbf{1 2 / 2 2 / 2 0 0 8}$ | $\mathbf{1 2 / 1 9 / 2 0 0 8}$ | $\mathbf{1 2 / 1 8 / 2 0 0 8}$ | $\mathbf{1 2 / 1 7 / 2 0 0 8}$ | $\mathbf{1 2 / 1 6 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Citigroup | 16.74 | 17.47 | 15.83 | 17.61 | 19.32 |
| Merrill Lynch | 17.34 | 22.21 | 21.61 | 21.33 | 21.66 |
| Mizuho | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| Morgan Stanley | 7.95 | 10.32 | 8.27 | 8.20 | 7.93 |
| Total Borrowings | $\mathbf{4 2 . 2 3}$ | $\mathbf{5 0 . 2 0}$ | $\mathbf{4 5 . 9 1}$ | $\mathbf{4 7 . 3 4}$ | $\mathbf{4 9 . 1 1}$ |
|  |  |  |  |  |  |
| Total Collateral ${ }^{*}$ | $\mathbf{4 7 . 3 7}$ | $\mathbf{5 5 . 9 2}$ | $\mathbf{5 1 . 2 7}$ | $\mathbf{5 2 . 7 9}$ | $\mathbf{5 4 . 7 3}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 2 . 1 7 \%}$ | $\mathbf{1 1 . 3 9 \%}$ | $\mathbf{1 1 . 6 8 \%}$ | $\mathbf{1 1 . 5 1 \%}$ | $\mathbf{1 1 . 4 4 \%}$ |

## RESTRICTED-FR

* Includes additional commercial loans in a Borrower-In-Custody arrangement. Further legal review of swap receivable collateral suggests that the Reserve Bank does not have a claim against swap receivables collateral unless the pledging dealer has explicitly borrowed against this collateral. As such, swap receivables collateral has been removed from the collateral totals in this report.


## PDCF Borrowing Trend



03/17/2008 04/10/2008 05/05/2008 05/29/2008 06/23/2008 07/17/2008 08/11/2008 09/04/2008 09/29/2008 10/23/2008 11/18/2008 12/12/2008 Date
$\longrightarrow$ Total Borrowing $\longrightarrow$ Bear Stearns Borrowing $\longrightarrow$ Other Borrowing $\longrightarrow$ Total Collateral

## Composition of Collateral Pledged for December 22 Borrowings - in millions

[^33]| Rating $^{1}$ | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Treasury | 181.1 | 9.6 | - | - | 190.7 |
| Agency | 362.4 | 14.7 | - | 0.5 | 377.6 |
| AAA | $2,739.6$ | $3,929.3$ | - | $2,419.5$ | $9,088.3$ |
| AA | 651.9 | 551.1 | - | 971.3 | $2,174.3$ |
| A | 804.7 | 886.5 | 188.7 | $1,108.4$ | $2,988.2$ |
| BBB | 491.7 | $1,308.4$ | - | 780.3 | $2,580.3$ |
| BB | 751.9 | $1,252.3$ | - | 362.7 | $2,366.9$ |
| B | $1,124.2$ | 901.7 | - | 274.6 | $2,300.4$ |
| CCC-C | 884.0 | 728.3 | - | 111.4 | $1,723.7$ |
| D | 97.2 | 243.1 | - | 35.9 | 376.2 |
| A-1 | 247.5 | - | - | - | 247.5 |
| A-2 | 48.6 | - | - | - | 48.6 |
| A-3 | - | - | - | - | - |
| NP | - | - | - | - | - |
| Equity | $6,049.9$ | $4,972.5$ | - | 721.8 | $11,744.2$ |
| Unkn Rtg (Triparty) | $3,631.3$ | $4,029.4$ | 23.7 | $\mathbf{1 , 8 3 2 . 5}$ | $9,516.8$ |
| Unkn Rtg (non-Triparty) | - | - | - | $1,647.8$ | $1,647.8$ |
| Total Collateral | $\mathbf{1 8 , 0 6 6 . 0}$ | $\mathbf{1 8 , 8 2 6 . 8}$ | $\mathbf{2 1 2 . 3}$ | $\mathbf{1 0 , 2 6 6 . 7}$ | $\mathbf{4 7 , 3 7 1 . 8}$ |
| Total Borrowings | $\mathbf{1 6 , 7 4 0 . 0}$ | $\mathbf{1 7 , 3 3 9 . 5}$ | $\mathbf{1 9 8 . 5}$ | $\mathbf{7 , 9 5 2 . 0}$ | $\mathbf{4 2 , 2 2 9 . 9}$ |
| Collateral Cushion | $\mathbf{7 . 9 2 \%}$ | $\mathbf{8 . 5 8 \%}$ | $\mathbf{6 . 9 8 \%}$ | $\mathbf{2 9 . 1 1 \%}$ | $\mathbf{1 2 . 1 8 \%}$ |

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Collateral Value and Rating Distribution by Dealer


## Distribution of Total Pledged Collateral by Rating



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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $190,713,124$ | $0.40 \%$ |
| Agency | $377,628,116$ | $0.80 \%$ |
| AAA | $9,088,321,845$ | $19.19 \%$ |
| AA | $2,174,302,365$ | $4.59 \%$ |
| A | $2,988,244,777$ | $6.31 \%$ |
| BBB | $2,580,348,794$ | $5.45 \%$ |
| BB | $2,366,909,172$ | $5.00 \%$ |
| B | $2,300,439,899$ | $4.86 \%$ |
| CCC-C | $1,723,693,744$ | $3.64 \%$ |
| D | $376,183,214$ | $0.79 \%$ |
| A-1 | $247,461,293$ | $0.52 \%$ |
| A-2 | $48,626,050$ | $0.10 \%$ |
| Equity | $9,516,839,805$ | $20.09 \%$ |
| Unkn Rtg (Triparty) | $1,647,804,814$ | $3.48 \%$ |
| Unkn Rtg (non-Triparty) | $47,371,753,216$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $3,528,307,473$ | $7.45 \%$ |
| Agency Debt | $374,099,686$ | $0.79 \%$ |
| Auction Rate | $3,654,721,181$ | $7.71 \%$ |
| CDs-CP-BAs | $403,703,580$ | $0.85 \%$ |
| CMBS | $235,943,847$ | $0.50 \%$ |
| Convertible Bonds-Domestic | $2,719,751,803$ | $5.74 \%$ |
| Convertible Bonds-Foreign | $1,051,081,493$ | $2.22 \%$ |
| Corporates-Domestic | $5,330,649,507$ | $11.25 \%$ |
| Corporates-Foreign | $1,742,148,064$ | $3.68 \%$ |
| Equity-Domestic | $7,440,938,734$ | $15.71 \%$ |
| Equity-Foreign | $4,303,297,470$ | $9.08 \%$ |
| Foreign Sovereigns-Domestic | $942,876,616$ | $1.99 \%$ |
| Foreign Sovereigns-Foreign | $195,636,435$ | $0.41 \%$ |
| MBS - Agency - CMO | $3,528,430$ | $0.01 \%$ |
| MBS - Private (CMO) | $3,279,278,188$ | $6.92 \%$ |
| Muni | $5,904,059,742$ | $12.46 \%$ |
| Mutual Fund | $3,284,816,244$ | $6.93 \%$ |
| Other | $456,278,067$ | $0.96 \%$ |
| Supranational | $95,166,988$ | $0.20 \%$ |
| Treasury | $190,713,124$ | $0.40 \%$ |
| Whole Loans | $586,951,729$ | $1.24 \%$ |
| Whole Loans - DW | $1,647,804,814$ | $3.48 \%$ |
| Total | $47,371,753,216$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 65,530,348 | 0.36\% |
|  |  | AA | 90,674 | 0.00\% |
|  |  | A | 196,842,997 | 1.09\% |
|  |  | BBB | 147,495,899 | 0.82\% |
|  |  | BB | 167,828,743 | 0.93\% |
|  |  | B | 228,270,929 | 1.26\% |
|  |  | CCC-C | 76,306,349 | 0.42\% |
|  |  | D | 77,143,279 | 0.43\% |
|  |  | Unkn Rtg (Triparty) | 342,616,717 | 1.90\% |
|  | Agency Debt | Agency | 362,437,289 | 2.01\% |
|  | CDs-CP-BAs | A-1 | 247,461,293 | 1.37\% |
|  |  | A-2 | 48,626,050 | 0.27\% |
|  |  | Unkn Rtg (Triparty) | 106,886,280 | 0.59\% |
|  | CMBS | Unkn Rtg (Triparty) | 144,950,432 | 0.80\% |
|  | Convertible Bonds-Domestic | BB | 47,352,892 | 0.26\% |
|  |  | B | 18,078,500 | 0.10\% |
|  |  | Unkn Rtg (Triparty) | 1,213,256,343 | 6.72\% |
|  | Convertible Bonds-Foreign | A | 1,128,142 | 0.01\% |
|  |  | BB | 9,033,653 | 0.05\% |
|  |  | B | 2,706,460 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 700,643,708 | 3.88\% |
|  | Corporates-Domestic | AAA | 59,751,803 | 0.33\% |
|  |  | AA | 33,288,208 | 0.18\% |
|  |  | A | 249,390,913 | 1.38\% |
|  |  | BBB | 96,043,587 | 0.53\% |
|  |  | BB | 247,591,947 | 1.37\% |
|  |  | B | 41,152,037 | 0.23\% |
|  |  | CCC-C | 773,909,422 | 4.28\% |
|  |  | D | 20,050,117 | 0.11\% |
|  |  | Unkn Rtg (Triparty) | 403,697,551 | 2.23\% |
|  | Corporates-Foreign | BBB | 20,250,374 | 0.11\% |
|  |  | BB | 54,752,781 | 0.30\% |
|  |  | B | 4,759,132 | 0.03\% |
|  |  | CCC-C | 13,464,051 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 115,503,360 | 0.64\% |
|  | Equity-Domestic | Equity | 5,552,842,371 | 30.74\% |
|  | Equity-Foreign | Equity | 497,097,454 | 2.75\% |
|  | Foreign Sovereigns-Domestic | B | 5,361,648 | 0.03\% |
|  | Foreign Sovereigns-Foreign | BBB | 11,369,989 | 0.06\% |
|  | MBS - Private (CMO) | AAA | 316,808,630 | 1.75\% |
|  |  | AA | 46,853,553 | 0.26\% |
|  |  | A | 113,857,592 | 0.63\% |
|  |  | BBB | Pag69, 739,291 | 0.39\% |
|  |  | BB | 225,337,488 | 1.25\% |
|  |  | B | 823,064,543 | 4.56\% |
|  |  | CCC-C | 20,226,878 | 0.11\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Muni (con't) | BBB | 146,789,317 | 0.81\% |
|  |  | B | 757,044 | 0.00\% |
|  |  | CCC-C | 89,894 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 140,151,563 | 0.78\% |
|  | Mutual Fund | AAA | 2,002,975,000 | 11.09\% |
|  |  | Unkn Rtg (Triparty) | 329,462,947 | 1.82\% |
|  | Supranational | AAA | 260,153 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 2,414,699 | 0.01\% |
|  | Treasury | Treasury | 181,104,839 | 1.00\% |
|  | Dealer Total |  | 18,065,952,343 | 100.00\% |
| Merrill Lynch | ABS | AAA | 329,569,852 | 1.75\% |
|  |  | AA | 75,705,794 | 0.40\% |
|  |  | A | 219,341,747 | 1.17\% |
|  |  | BBB | 106,535,720 | 0.57\% |
|  |  | BB | 154,216,540 | 0.82\% |
|  |  | B | 184,916,196 | 0.98\% |
|  |  | CCC-C | 251,976,850 | 1.34\% |
|  |  | D | 165,276,728 | 0.88\% |
|  |  | Unkn Rtg (Triparty) | 208,246,686 | 1.11\% |
|  | Agency Debt | Agency | 11,662,397 | 0.06\% |
|  | Auction Rate | AAA | 2,956,268,464 | 15.70\% |
|  |  | AA | 156,948,252 | 0.83\% |
|  |  | A | 93,998,158 | 0.50\% |
|  |  | BBB | 168,879,718 | 0.90\% |
|  |  | BB | 39,634,065 | 0.21\% |
|  |  | CCC-C | 46,562,309 | 0.25\% |
|  |  | Unkn Rtg (Triparty) | 192,430,216 | 1.02\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 729,956 | 0.00\% |
|  | CMBS | Unkn Rtg (Triparty) | 48,443,211 | 0.26\% |
|  | Convertible Bonds-Domestic | A | 31,343,634 | 0.17\% |
|  |  | BBB | 167,312,645 | 0.89\% |
|  |  | BB | 49,585,889 | 0.26\% |
|  |  | B | 122,813,626 | 0.65\% |
|  |  | CCC-C | 56,394,681 | 0.30\% |
|  |  | D | 2,067 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 709,391,044 | 3.77\% |
|  | Convertible Bonds-Foreign | BBB | 13 | 0.00\% |
|  |  | B | 103 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 66,978,187 | 0.36\% |
|  | Corporates-Domestic | AAA | 87,870,822 | 0.47\% |
|  |  | AA | 15,043,469 | 0.08\% |
|  |  | A | 239,023,023 | 1.27\% |
|  |  | BBB | 237,237,117 | 1.26\% |
|  |  | BB | 83,629,081 | 0.44\% |
|  |  | B | Page 161, $\mathbf{4 9 1 2 3 0 0}$ | 0.33\% |
|  |  | CCC-C | 344,348,817 | 1.83\% |
|  |  | D | 71,580,698 | 0.38\% |
|  |  | Unkn Rtg (Triparty) | 764,015,309 | 4.06\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Foreign (con't) | BBB | 145,701,929 | 0.77\% |
|  |  | BB | 259,059,231 | 1.38\% |
|  |  | B | 37,434,382 | 0.20\% |
|  |  | CCC-C | 14,975,088 | 0.08\% |
|  |  | D | 2,658,224 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 188,485,564 | 1.00\% |
|  | Equity-Domestic | Equity | 1,641,252,314 | 8.72\% |
|  | Equity-Foreign | Equity | 3,331,224,641 | 17.69\% |
|  | Foreign Sovereigns-Domestic | AAA | 757,776 | 0.00\% |
|  |  | AA | 8,210,044 | 0.04\% |
|  |  | A | 27,594,131 | 0.15\% |
|  |  | BBB | 46,819,949 | 0.25\% |
|  |  | BB | 486,330,634 | 2.58\% |
|  |  | B | 137,851,407 | 0.73\% |
|  |  | CCC-C | 2,224,147 | 0.01\% |
|  |  | D | 2,485,264 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 3,231,913 | 0.02\% |
|  | Foreign Sovereigns-Foreign | A | 10,695,913 | 0.06\% |
|  |  | BBB | 91,954,967 | 0.49\% |
|  |  | BB | 22,997,430 | 0.12\% |
|  |  | B | 23,161,373 | 0.12\% |
|  |  | D | 88,272 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 3,423,044 | 0.02\% |
|  | MBS - Agency - CMO | Agency | 3,041,172 | 0.02\% |
|  | MBS - Private (CMO) | AAA | 340,101,460 | 1.81\% |
|  |  | AA | 97,199,151 | 0.52\% |
|  |  | A | 15,544,612 | 0.08\% |
|  |  | BBB | 70,176,689 | 0.37\% |
|  |  | BB | 139,477,783 | 0.74\% |
|  |  | B | 332,293,488 | 1.77\% |
|  |  | CCC-C | 11,832,338 | 0.06\% |
|  |  | D | 1,015,541 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 16,054,313 | 0.09\% |
|  | Muni | AAA | 190,793,763 | 1.01\% |
|  |  | AA | 177,664,012 | 0.94\% |
|  |  | A | 159,573,001 | 0.85\% |
|  |  | BBB | 273,735,285 | 1.45\% |
|  |  | BB | 17,384,984 | 0.09\% |
|  |  | B | 1,786,086 | 0.01\% |
|  |  | D | 599 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 773,592,825 | 4.11\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 11,086,374 | 0.06\% |
|  | Other | Unkn Rtg (Triparty) | 456,278,067 | 2.42\% |
|  | Supranational | AAA | 7,647,793 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 28,342 | 0.00\% |
|  | Treasury | Treasury | 9,608,286 | 0.05\% |
|  | Whole Loans | Unkn Rtg (Triparty) | Page 1880951,729 | 3.12\% |
|  | Dealer Total |  | 18,826,801,907 | 100.00\% |
| Mizuho | Corporates-Domestic | A | 188,675,754 | 88.85\% |
|  |  | Unkn Rtg (Triparty) | 23,669,725 | 11.15\% |
|  | Dealer Total |  | 212,345,479 | 100.00\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley | ABS | AAA | 351,951,778 | 3.43\% |
|  |  | AA | 37,322,011 | 0.36\% |
|  |  | A | 33,920,909 | 0.33\% |
|  |  | BBB | 22,126,406 | 0.22\% |
|  |  | BB | 36,892,350 | 0.36\% |
|  |  | B | 21,408 | 0.00\% |
|  |  | CCC-C | 4,405,926 | 0.04\% |
|  |  | D | 3,104,538 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 40,650,099 | 0.40\% |
|  | CMBS | Unkn Rtg (Triparty) | 42,550,204 | 0.41\% |
|  | Convertible Bonds-Domestic | A | 50,632,203 | 0.49\% |
|  |  | BBB | 82,369,451 | 0.80\% |
|  |  | BB | 257,363 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 170,961,466 | 1.67\% |
|  | Convertible Bonds-Foreign | BBB | 10,100,216 | 0.10\% |
|  |  | BB | 480,051 | 0.00\% |
|  |  | B | 6,267,299 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 253,743,662 | 2.47\% |
|  | Corporates-Domestic | AAA | 63,647,290 | 0.62\% |
|  |  | AA | 199,548,201 | 1.94\% |
|  |  | A | 185,915,770 | 1.81\% |
|  |  | BBB | 199,033,044 | 1.94\% |
|  |  | BB | 104,838,748 | 1.02\% |
|  |  | B | 59,183,865 | 0.58\% |
|  |  | CCC-C | 14,361,002 | 0.14\% |
|  |  | D | 6,390,747 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 456,360,142 | 4.45\% |
|  | Corporates-Foreign | AAA | 42,305,236 | 0.41\% |
|  |  | AA | 28,760,549 | 0.28\% |
|  |  | A | 34,453,920 | 0.34\% |
|  |  | BBB | 70,944,722 | 0.69\% |
|  |  | BB | 160,733,419 | 1.57\% |
|  |  | B | 37,683,191 | 0.37\% |
|  |  | CCC-C | 20,381,557 | 0.20\% |
|  |  | D | 12,231,358 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 351,607,798 | 3.42\% |
|  | Equity-Domestic | Equity | 246,844,049 | 2.40\% |
|  | Equity-Foreign | Equity | 474,975,375 | 4.63\% |
|  | Foreign Sovereigns-Domestic | AAA | 648,831 | 0.01\% |
|  |  | AA | 4,669,563 | 0.05\% |
|  |  | A | 1,639,924 | 0.02\% |
|  |  | BBB | 681,837 | 0.01\% |
|  |  | BB | 55,297,538 | 0.54\% |
|  |  | B | 116,843,675 | 1.14\% |
|  |  | CCC-C | 14,706,817 | 0.14\% |
|  |  | D | 14,125,369 | 0.14\% |
|  |  | Unkn Rtg (Triparty) | 13,396,150 | 0.13\% |
|  | Foreign Sovereigns-Foreign | BBB | 2,739,273 | 0.03\% |
|  |  | BB | Pageod,9201 | $210.00 \%$ |
|  |  | B | 28,620,228 | 0.28\% |
|  |  | Unkn Rtg (Triparty) | 279,024 | 0.00\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | MBS - Agency - CMO | Agency | 487,258 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 355,362,718 | 3.46\% |
|  |  | AA | 92,266,437 | 0.90\% |
|  |  | A | 37,027,047 | 0.36\% |
|  |  | BBB | 15,372,929 | 0.15\% |
|  |  | BB | 2,852,776 | 0.03\% |
|  |  | B | 3,759,102 | 0.04\% |
|  |  | CCC-C | 20,045 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 1,307,802 | 0.01\% |
|  | Muni | AAA | 949,544,933 | 9.25\% |
|  |  | AA | 608,698,202 | 5.93\% |
|  |  | A | 764,811,166 | 7.45\% |
|  |  | BBB | 376,946,427 | 3.67\% |
|  |  | BB | 1,036,865 | 0.01\% |
|  |  | B | 22,252,879 | 0.22\% |
|  |  | CCC-C | 57,507,571 | 0.56\% |
|  |  | Unkn Rtg (Triparty) | 131,574,116 | 1.28\% |
|  | Mutual Fund | AAA | 571,206,256 | 5.56\% |
|  |  | Unkn Rtg (Triparty) | 370,085,667 | 3.60\% |
|  | Supranational | AAA | 84,816,002 | 0.83\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,647,804,814 | 16.05\% |
|  | Dealer Total |  | 10,266,653,487 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF collateral report for Wednesday , December 24 

 Timothy Geithner, Thomas Baxter, Terrence Checki,Jeffrey Moore to: William Rutledge, Christine Cumming, Susan McLaughlin, 12/26/2008 10:34 AM William Walsh, Spence Hilton, Debby Perelmuter, Chris

## RESTRICTED FR

Highlights for Wednesday, December 24th.

- Total PDCF borrowing declined by $\$ 4.62$ billion to $\$ 38.19$ billion on Wednesday. The change was largely due to a $\$ 4.35$ billion reduction in borrowing by Merrill Lynch.
- With the notable decline in borrowing by Merrill Lynch over the past week, the composition of Merrill's collateral has also shifted significantly. The roughly $\$ 6$ billion reduction in Merrill's borrowing has been accompanied by an approximately $\$ 6$ billion reduction in domestic equity collateral, the bulk of which were shares of BlackRock.
- Across all firms, the composition of collateral provided at the PDCF now stands at 38.3 percent investment grade, 15.6 percent below investment grade, 23.3 percent equities, and 22.8 percent collateral without an agency rating.

```
Jeff Moore
Markets Group
Federal Reserve Bank of New York
Phone (212) 720-1558
```


# Primary Dealer Credit Facility Collateral Report 

For Wednesday, December 24, 2008

## Highlights

- Total PDCF borrowing declined by $\$ 4.62$ billion to $\$ 38.19$ billion on Wednesday. The change was largely due to a $\$ 4.35$ billion reduction in borrowing by Merrill Lynch.
- With the notable decline in borrowing by Merrill Lynch over the past week, the composition of Merrill's collateral has also shifted significantly. The roughly $\$ 6$ billion reduction in Merrill's borrowing has been accompanied by an approximately $\$ 6$ billion reduction in domestic equity collateral, the bulk of which were shares of BlackRock.
- Across all firms, the composition of collateral provided at the PDCF now stands at 38.3 percent investment grade, 15.6 percent below investment grade, 23.3 percent equities, and 22.8 percent collateral without an agency rating.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{1 2 / 2 4 / 2 0 0 8}$ | $\mathbf{1 2 / 2 3 / 2 0 0 8}$ | $\mathbf{1 2 / 2 2 / 2 0 0 8}$ | $\mathbf{1 2 / 1 9 / 2 0 0 8}$ | $\mathbf{1 2 / 1 8 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Citigroup | 16.04 | 16.05 | 16.74 | 17.47 | 15.83 |
| Merrill Lynch | 14.26 | 18.61 | 17.34 | 22.21 | 21.61 |
| Mizuho | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| Morgan Stanley | 7.69 | 7.95 | 7.95 | 10.32 | 8.27 |
| Total Borrowings | $\mathbf{3 8 . 1 9}$ | $\mathbf{4 2 . 8 1}$ | $\mathbf{4 2 . 2 3}$ | $\mathbf{5 0 . 2 0}$ | $\mathbf{4 5 . 9 1}$ |
|  |  |  |  |  |  |
| Total Collateral ${ }^{*}$ | $\mathbf{4 2 . 9 8}$ | $\mathbf{4 7 . 9 7}$ | $\mathbf{4 7 . 3 7}$ | $\mathbf{5 5 . 9 2}$ | $\mathbf{5 1 . 2 7}$ |
| Collateral Cushion | $\mathbf{1 2 . 5 4 \%}$ | $\mathbf{1 2 . 0 5 \%}$ | $\mathbf{1 2 . 1 7 \%}$ | $\mathbf{1 1 . 3 9 \%}$ | $\mathbf{1 1 . 6 8 \%}$ |

[^34]
## RESTRICTED-FR

## PDCF Borrowing Trend


\$0
$03 / 17 / 2008$ 04/10/2008 05/05/2008 05/29/2008 06/23/2008 07/17/2008 08/11/2008 09/04/2008 09/29/2008 10/23/2008 11/18/2008 12/12/2008 Date
$\longrightarrow$ Total Borrowing - Bear Stearns Borrowing Other Borrowing $\longrightarrow$ Total Collateral

## Composition of Collateral Pledged for December 24 Borrowings - in millions

[^35]| Rating $^{1}$ | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley $^{2}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Treasury | 168.4 | 38.3 | - | 1.1 | 207.8 |
| Agency | 339.6 | 10.8 | - | 9.8 | 360.2 |
| AAA | $2,688.4$ | $3,969.6$ | - | $2,200.2$ | $8,858.2$ |
| AA | 545.5 | 485.1 | - | 974.5 | $2,005.1$ |
| A | 706.6 | 741.1 | 189.6 | $1,073.9$ | $2,711.2$ |
| BBB | 567.0 | 944.8 | - | 811.1 | $2,322.9$ |
| BB | 822.3 | $1,068.2$ | - | 349.0 | $2,239.4$ |
| B | $1,186.6$ | 841.1 | - | 246.4 | $2,274.1$ |
| CCC-C | 928.4 | 711.1 | - | 157.1 | $1,796.7$ |
| D | 107.7 | 259.3 | - | 39.2 | 406.2 |
| A-1 | 2.6 | - | - | - | 2.6 |
| A-2 | 3.7 | - | - | - | 3.7 |
| A-3 | - | - | - | - | - |
| NP | - | - | - | - | - |
| Equity | $5,748.0$ | $3,472.6$ | - | 773.7 | $9,994.3$ |
| Unkn Rtg (Triparty) | $3,502.2$ | $2,939.2$ | 21.6 | $\mathbf{1 , 6 9 0 . 3}$ | $8,153.3$ |
| Unkn Rtg (non-Triparty) | - | - | - | $\mathbf{1 , 6 4 7 . 8}$ | $1,647.8$ |
| Total Collateral | $\mathbf{1 7 , 3 1 6 . 9}$ | $\mathbf{1 5 , 4 8 1 . 1}$ | $\mathbf{2 1 1 . 2}$ | $\mathbf{9 , 9 7 4 . 1}$ | $\mathbf{4 2 , 9 8 3 . 4}$ |
| Total Borrowings | $\mathbf{1 6 , 0 3 7 . 0}$ | $\mathbf{1 4 , \mathbf { 2 6 3 . 0 }}$ | $\mathbf{1 9 7 . 4}$ | $\mathbf{7 , 6 9 2 . 3}$ | $\mathbf{3 8 , 1 8 9 . 7}$ |
| Collateral Cushion | $\mathbf{7 . 9 8 \%}$ | $\mathbf{8 . 5 4 \%}$ | $\mathbf{7 . 0 0 \%}$ | $\mathbf{2 9 . 6 6 \%}$ | $\mathbf{1 2 . 5 5 \%}$ |

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Collateral Value and Rating Distribution by Dealer


## Distribution of Total Pledged Collateral by Rating



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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $207,780,449$ | $0.48 \%$ |
| Agency | $360,159,955$ | $0.84 \%$ |
| AAA | $8,858,246,348$ | $20.61 \%$ |
| AA | $2,005,099,458$ | $4.66 \%$ |
| A | $2,711,150,346$ | $6.31 \%$ |
| BBB | $2,322,893,112$ | $5.40 \%$ |
| BB | $2,239,436,007$ | $5.21 \%$ |
| B | $2,274,053,752$ | $5.29 \%$ |
| CCC-C | $406,177,645$ | $0.94 \%$ |
| D | $2,565,578$ | $0.01 \%$ |
| A-1 | $3,666,575$ | $0.01 \%$ |
| A-2 | $8,994,328,306$ | $23.25 \%$ |
| Equity | $1,647,333,918$ | $18.97 \%$ |
| Unkn Rtg (Triparty) | $42,983,361,770$ | $100.00 \%$ |
| Unkn Rtg (non-Triparty) |  |  |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $3,460,979,855$ | $8.05 \%$ |
| Agency Debt | $359,675,745$ | $0.84 \%$ |
| Auction Rate | $3,664,434,580$ | $8.53 \%$ |
| CDs-CP-BAs | $6,259,828$ | $0.01 \%$ |
| CMBS | $189,729,804$ | $0.44 \%$ |
| Convertible Bonds-Domestic | $2,215,936,085$ | $5.16 \%$ |
| Convertible Bonds-Foreign | $1,054,411,694$ | $2.45 \%$ |
| Corporates-Domestic | $4,974,267,612$ | $11.57 \%$ |
| Corporates-Foreign | $1,666,790,341$ | $3.88 \%$ |
| Equity-Domestic | $6,887,882,791$ | $16.02 \%$ |
| Equity-Foreign | $3,106,445,514$ | $7.23 \%$ |
| Foreign Sovereigns-Domestic | $932,558,375$ | $2.17 \%$ |
| Foreign Sovereigns-Foreign | $392,469,063$ | $0.91 \%$ |
| MBS - Agency - CMO | 484,209 | $0.00 \%$ |
| MBS - Private (CMO) | $3,106,706,639$ | $7.23 \%$ |
| Muni | $5,272,165,784$ | $12.27 \%$ |
| Mutual Fund | $3,294,589,998$ | $7.66 \%$ |
| Other | $456,198,067$ | $1.06 \%$ |
| Supranational | $85,790,522$ | $0.20 \%$ |
| Treasury | $207,780,449$ | $0.48 \%$ |
| Whole Loans - DW | $1,647,804,814$ | $3.83 \%$ |
| Total | $42,983,361,770$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 75,958,777 | 0.44\% |
|  |  | AA | 90,674 | 0.00\% |
|  |  | A | 199,175,903 | 1.15\% |
|  |  | BBB | 127,429,855 | 0.74\% |
|  |  | BB | 163,444,792 | 0.94\% |
|  |  | B | 230,202,774 | 1.33\% |
|  |  | CCC-C | 88,433,718 | 0.51\% |
|  |  | D | 84,237,901 | 0.49\% |
|  |  | Unkn Rtg (Triparty) | 346,076,842 | 2.00\% |
|  | Agency Debt | Agency | 339,632,700 | 1.96\% |
|  | CDs-CP-BAs | A-1 | 2,565,578 | 0.01\% |
|  |  | A-2 | 3,666,575 | 0.02\% |
|  | CMBS | Unkn Rtg (Triparty) | 146,361,081 | 0.85\% |
|  | Convertible Bonds-Domestic | BB | 47,606,254 | 0.27\% |
|  |  | B | 18,078,500 | 0.10\% |
|  |  | Unkn Rtg (Triparty) | 1,197,195,417 | 6.91\% |
|  | Convertible Bonds-Foreign | A | 1,138,785 | 0.01\% |
|  |  | BB | 8,897,035 | 0.05\% |
|  |  | B | 2,588,368 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 700,282,372 | 4.04\% |
|  | Corporates-Domestic | AAA | 20,883,874 | 0.12\% |
|  |  | AA | 24,822 | 0.00\% |
|  |  | A | 157,930,800 | 0.91\% |
|  |  | BBB | 126,520,265 | 0.73\% |
|  |  | BB | 273,906,072 | 1.58\% |
|  |  | B | 40,680,819 | 0.23\% |
|  |  | CCC-C | 791,794,033 | 4.57\% |
|  |  | D | 23,410,112 | 0.14\% |
|  |  | Unkn Rtg (Triparty) | 383,076,339 | 2.21\% |
|  | Corporates-Foreign | BBB | 94,992,939 | 0.55\% |
|  |  | BB | 65,596,021 | 0.38\% |
|  |  | B | 4,522,098 | 0.03\% |
|  |  | CCC-C | 13,415,468 | 0.08\% |
|  |  | D | 22,307 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 114,971,433 | 0.66\% |
|  | Equity-Domestic | Equity | 5,323,074,968 | 30.74\% |
|  | Equity-Foreign | Equity | 424,967,589 | 2.45\% |
|  | Foreign Sovereigns-Domestic | BB | 7,926,251 | 0.05\% |
|  |  | B | 34,096,847 | 0.20\% |
|  |  | CCC-C | 8,850,125 | 0.05\% |
|  | Foreign Sovereigns-Foreign | BBB | 11,272,233 | 0.07\% |
|  |  | BB | 4,249,012 | 0.02\% |
|  | MBS - Private (CMO) | AAA | Pagay | 1.83\% |
|  |  | AA | 46,799,613 | 0.27\% |
|  |  | A | 117,880,967 | 0.68\% |
|  |  | BBB | 63,418,463 | 0.37\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Muni | AAA | 265,800,619 | 1.53\% |
|  |  | AA | 498,582,351 | 2.88\% |
|  |  | A | 230,458,491 | 1.33\% |
|  |  | BBB | 143,348,872 | 0.83\% |
|  |  | BB | 1,969,414 | 0.01\% |
|  |  | B | 553,560 | 0.00\% |
|  |  | CCC-C | 89,909 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 148,843,184 | 0.86\% |
|  | Mutual Fund | AAA | 2,007,975,000 | 11.60\% |
|  |  | Unkn Rtg (Triparty) | 328,947,577 | 1.90\% |
|  | Supranational | AAA | 259,780 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 7,720 | 0.00\% |
|  | Treasury | Treasury | 168,422,564 | 0.97\% |
|  | Dealer Total |  | 17,316,935,481 | 100.00\% |
| Merrill Lynch | ABS | AAA | 306,263,019 | 1.98\% |
|  |  | AA | 75,164,455 | 0.49\% |
|  |  | A | 217,950,681 | 1.41\% |
|  |  | BBB | 104,565,492 | 0.68\% |
|  |  | BB | 157,293,246 | 1.02\% |
|  |  | B | 185,516,088 | 1.20\% |
|  |  | CCC-C | 252,946,325 | 1.63\% |
|  |  | D | 170,110,726 | 1.10\% |
|  |  | Unkn Rtg (Triparty) | 178,427,945 | 1.15\% |
|  | Agency Debt | Agency | 10,763,221 | 0.07\% |
|  | Auction Rate | AAA | 2,960,554,121 | 19.12\% |
|  |  | AA | 156,948,252 | 1.01\% |
|  |  | A | 93,121,215 | 0.60\% |
|  |  | BBB | 167,432,878 | 1.08\% |
|  |  | BB | 39,758,276 | 0.26\% |
|  |  | CCC-C | 46,559,011 | 0.30\% |
|  |  | Unkn Rtg (Triparty) | 200,060,828 | 1.29\% |
|  | CMBS | Unkn Rtg (Triparty) | 1,644,598 | 0.01\% |
|  | Convertible Bonds-Domestic | A | 14,583,619 | 0.09\% |
|  |  | B | 5,500,585 | 0.04\% |
|  |  | CCC-C | 55,117,590 | 0.36\% |
|  |  | D | 2,245 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 576,386,633 | 3.72\% |
|  | Convertible Bonds-Foreign | AAA | 3,332,580 | 0.02\% |
|  |  | BBB | 13 | 0.00\% |
|  |  | B | 103 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 54,744,357 | 0.35\% |
|  | Corporates-Domestic | AAA | 88,846,402 | 0.57\% |
|  |  | AA | 15,790,592 | 0.10\% |
|  |  | A | 215,477,703 | 1.39\% |
|  |  | BBB | Page 183,34926135 | 0.54\% |
|  |  | BB | 48,780,310 | 0.32\% |
|  |  | B | 48,051,033 | 0.31\% |
|  |  | CCC-C | 323,626,503 | 2.09\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Foreign (con't) | AA | 25,645,612 | 0.17\% |
|  |  | A | 86,667,894 | 0.56\% |
|  |  | BBB | 145,009,014 | 0.94\% |
|  |  | BB | 253,467,304 | 1.64\% |
|  |  | B | 32,328,265 | 0.21\% |
|  |  | CCC-C | 19,932,552 | 0.13\% |
|  |  | D | 2,330,885 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 175,144,509 | 1.13\% |
|  | Equity-Domestic | Equity | 1,321,499,558 | 8.54\% |
|  | Equity-Foreign | Equity | 2,151,074,121 | 13.89\% |
|  | Foreign Sovereigns-Domestic | AAA | 717,120 | 0.00\% |
|  |  | AA | 8,188,272 | 0.05\% |
|  |  | A | 27,553,187 | 0.18\% |
|  |  | BBB | 47,606,049 | 0.31\% |
|  |  | BB | 393,522,862 | 2.54\% |
|  |  | B | 162,433,827 | 1.05\% |
|  |  | CCC-C | 2,629,422 | 0.02\% |
|  |  | D | 9,400,061 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 3,533,472 | 0.02\% |
|  | Foreign Sovereigns-Foreign | AAA | 139,660,333 | 0.90\% |
|  |  | A | 9,364,771 | 0.06\% |
|  |  | BBB | 91,604,021 | 0.59\% |
|  |  | BB | 21,561,667 | 0.14\% |
|  |  | B | 69,972,251 | 0.45\% |
|  |  | D | 1,990,543 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 3,782,683 | 0.02\% |
|  | MBS - Agency - CMO | Agency | 773 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 324,785,638 | 2.10\% |
|  |  | AA | 96,258,227 | 0.62\% |
|  |  | A | 15,550,003 | 0.10\% |
|  |  | BBB | 80,487,475 | 0.52\% |
|  |  | BB | 139,547,803 | 0.90\% |
|  |  | B | 335,491,578 | 2.17\% |
|  |  | CCC-C | 10,305,356 | 0.07\% |
|  |  | D | 1,085,570 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 15,999,521 | 0.10\% |
|  | Muni | AAA | 128,591,490 | 0.83\% |
|  |  | AA | 107,078,398 | 0.69\% |
|  |  | A | 60,853,898 | 0.39\% |
|  |  | BBB | 224,781,081 | 1.45\% |
|  |  | BB | 14,237,774 | 0.09\% |
|  |  | B | 1,766,333 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 525,525,822 | 3.39\% |
|  | Other | Unkn Rtg (Triparty) | 456,198,067 | 2.95\% |
|  | Supranational | AAA | 839,031 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 28,251 | 0.00\% |
|  | Treasury | Treasury | Page 1638158,923 | 0.25\% |
|  | Dealer Total |  | 15,481,070,518 | 100.00\% |
| Mizuho | Corporates-Domestic | A | 189,571,964 | 89.75\% |
|  |  | Unkn Rtg (Triparty) | 21,642,193 | 10.25\% |
|  | Dealer Total |  | 211,214,157 | 100.00\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley | ABS | AAA | 341,434,957 | 3.42\% |
|  |  | AA | 37,305,226 | 0.37\% |
|  |  | A | 25,944,169 | 0.26\% |
|  |  | BBB | 22,051,110 | 0.22\% |
|  |  | BB | 32,397,362 | 0.32\% |
|  |  | CCC-C | 4,406,903 | 0.04\% |
|  |  | D | 3,119,113 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 31,031,805 | 0.31\% |
|  | Agency Debt | Agency | 9,279,825 | 0.09\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 27,675 | 0.00\% |
|  | CMBS | Unkn Rtg (Triparty) | 41,724,125 | 0.42\% |
|  | Convertible Bonds-Domestic | A | 45,548,580 | 0.46\% |
|  |  | BBB | 81,745,029 | 0.82\% |
|  |  | BB | 267,682 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 173,903,951 | 1.74\% |
|  | Convertible Bonds-Foreign | BBB | 23,997,268 | 0.24\% |
|  |  | BB | 430,402 | 0.00\% |
|  |  | B | 6,102,779 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 252,897,633 | 2.54\% |
|  | Corporates-Domestic | AAA | 56,586,383 | 0.57\% |
|  |  | AA | 207,317,255 | 2.08\% |
|  |  | A | 169,238,818 | 1.70\% |
|  |  | BBB | 205,485,327 | 2.06\% |
|  |  | BB | 111,187,663 | 1.11\% |
|  |  | B | 48,918,793 | 0.49\% |
|  |  | CCC-C | 38,156,062 | 0.38\% |
|  |  | D | 19,696,930 | 0.20\% |
|  |  | Unkn Rtg (Triparty) | 442,262,483 | 4.43\% |
|  | Corporates-Foreign | AAA | 41,437,026 | 0.42\% |
|  |  | AA | 27,409,173 | 0.27\% |
|  |  | A | 30,550,564 | 0.31\% |
|  |  | BBB | 73,605,237 | 0.74\% |
|  |  | BB | 145,585,185 | 1.46\% |
|  |  | B | 37,434,803 | 0.38\% |
|  |  | CCC-C | 20,086,993 | 0.20\% |
|  |  | D | 2,210,846 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 238,364,666 | 2.39\% |
|  | Equity-Domestic | Equity | 243,308,265 | 2.44\% |
|  | Equity-Foreign | Equity | 530,403,805 | 5.32\% |
|  | Foreign Sovereigns-Domestic | AAA | 647,929 | 0.01\% |
|  |  | AA | 4,672,388 | 0.05\% |
|  |  | A | 1,640,576 | 0.02\% |
|  |  | BBB | 681,514 | 0.01\% |
|  |  | BB | 55,015,570 | 0.55\% |
|  |  | B | 121,521,402 | 1.22\% |
|  |  | CCC-C | 14,610,635 | 0.15\% |
|  |  | D | 14,183,283 | 0.14\% |
|  |  | Unkn Rtg (Triparty) | 13,127,585 | 0.13\% |
|  | Foreign Sovereigns-Foreign | BBB | Pgageat, 02612 | $210.10 \%$ |
|  |  | BB | 311,529 | 0.00\% |
|  |  | B | 28,652,993 | 0.29\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral |  | Rating | Dollar Value |
| :--- | :--- | :--- | ---: | ---: |
| Morgan Stanley (con't) | MBS - Agency - CMO | Agency | 483,437 | $0.00 \%$ |
|  | MBS - Private (CMO) | AAA | $129,633,355$ | $1.30 \%$ |
|  | AA | $87,490,005$ | $0.88 \%$ |  |
|  | A | $36,277,426$ | $0.36 \%$ |  |
|  | BBB | $14,290,138$ | $0.14 \%$ |  |
|  | BB | $2,832,071$ | $0.03 \%$ |  |
|  | B | $3,702,558$ | $0.04 \%$ |  |
|  | CCC-C | 19,941 | $0.00 \%$ |  |
|  | Unkn Rtg (Triparty) | 521,860 | $0.01 \%$ |  |
|  | AAA | $962,489,364$ | $9.65 \%$ |  |
|  | AA | $610,334,144$ | $6.12 \%$ |  |
|  | A | $764,670,334$ | $7.67 \%$ |  |
|  | BBB | $379,172,179$ | $3.80 \%$ |  |
|  | BB | 976,833 | $0.01 \%$ |  |
|  | Muni | CCC-C | 87,127 | $0.00 \%$ |
|  | D | $79,835,657$ | $0.80 \%$ |  |
|  | Unkn Rtg (Triparty) | 122,232 | $0.00 \%$ |  |
|  | AAA | $583,350,000$ | $1.22 \%$ |  |
|  | Unkn Rtg (Triparty) | $374,317,421$ | $3.75 \%$ |  |
|  | AAA | $84,655,741$ | $0.85 \%$ |  |
|  | Treasury | $1,103,963$ | $0.01 \%$ |  |
|  | Unkn Rtg (non-Triparty) | $1,647,804,814$ | $16.52 \%$ |  |
|  |  | $9,974,141,615$ | $100.00 \%$ |  |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF collateral report for Friday , December 26 

Timothy Geithner, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Friday, December 26

- Total PDCF borrowing on Friday was $\$ 38.74$ billion, an increase of $\$ 0.55$ billion. The change was primarily due to a $\$ 0.79$ billion increase in borrowing by Merrill Lynch.
- Citigroup is currently the largest participant in the facility with $\$ 17.05$ billion of collateral pledged against $\$ 15.77$ billion of borrowing. Citigroup's collateral consists primarily of equity ( $31.9 \%$ ), mutual funds ( $14.48 \%$ ), and corporate debt (14.47\%). Foreign denominated securities account for $10.7 \%$ of Citigroup's collateral.
- Merrill Lynch is currently pledging $\$ 16.3$ billion of securities as collateral. Of this collateral, $38.9 \%$ is eligible due to the expanded collateral schedule which took effect on September 15th and $20.1 \%$ is eligible due to the transitional credit program which took effect on September 21st. The remaining $41.1 \%$ of collateral would have been eligible since the start of the facility.
- As of December 24th, Merrill Lynch ceased pledging whole loans through triparty as collateral to PDCF.

Regards, Tony

Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Friday, December 26, 2008

## Highlights

- Total PDCF borrowing on Friday was $\$ 38.74$ billion, an increase of $\$ 0.55$ billion. The change was primarily due to a $\$ 0.79$ billion increase in borrowing by Merrill Lynch.
- Citigroup is currently the largest participant in the facility with $\$ 17.05$ billion of collateral pledged against $\$ 15.77$ billion of borrowing. Citigroup's collateral consists primarily of equity ( $31.9 \%$ ), mutual funds ( $14.48 \%$ ), and corporate debt ( $14.47 \%$ ). Foreign denominated securities account for $10.7 \%$ of Citigroup's collateral.
- Merrill Lynch is currently pledging $\$ 16.3$ billion of securities as collateral. Of this collateral, $38.9 \%$ is eligible due to the expanded collateral schedule which took effect on September $15^{\text {th }}$ and $20.1 \%$ is eligible due to the transitional credit program which took effect on September $21^{\text {st }}$. The remaining $41.1 \%$ of collateral would have been eligible since the start of the facility.
- As of December $24^{\text {th }}$, Merrill Lynch ceased pledging whole loans through triparty as collateral to PDCF.

Overnight Borrowings - in billions

| Dealer | $\mathbf{1 2 / 2 6 / 2 0 0 8}$ | $\mathbf{1 2 / 2 4 / 2 0 0 8}$ | $\mathbf{1 2 / 2 3 / 2 0 0 8}$ | $\mathbf{1 2 / 2 2 / 2 0 0 8}$ | $\mathbf{1 2 / 1 9 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Citigroup | 15.77 | 16.04 | 16.05 | 16.74 | 17.47 |
| Merrill Lynch | 15.05 | 14.26 | 18.61 | 17.34 | 22.21 |
| Mizuho | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| Morgan Stanley | 7.72 | 7.69 | 7.95 | 7.95 | 10.32 |
| Total Borrowings | $\mathbf{3 8 . 7 4}$ | $\mathbf{3 8 . 1 9}$ | $\mathbf{4 2 . 8 1}$ | $\mathbf{4 2 . 2 3}$ | $\mathbf{5 0 . 2 0}$ |
|  |  |  |  |  |  |
| Total Collateral ${ }^{*}$ | $\mathbf{4 3 . 5 9}$ | $\mathbf{4 2 . 9 8}$ | $\mathbf{4 7 . 9 7}$ | $\mathbf{4 7 . 3 7}$ | $\mathbf{5 5 . 9 2}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 2 . 5 2 \%}$ | $\mathbf{1 2 . 5 4 \%}$ | $\mathbf{1 2 . 0 5 \%}$ | $\mathbf{1 2 . 1 7 \%}$ | $\mathbf{1 1 . 3 9 \%}$ |

* Includes additional commercial loans in a Borrower-In-Custody arrangement. Further legal review of swap receivable collateral suggests that the Reserve Bank does not have a claim against swap receivables collateral unless the pledging dealer has explicitly borrowed against this collateral. As such, swap receivables collateral has been removed from the collateral totals in this report.


## RESTRICTED-FR

## PDCF Borrowing Trend


\$0
03/17/2008 04/10/2008 05/05/2008 05/29/2008 06/23/2008 07/17/2008 08/11/2008 09/04/2008 09/29/2008 10/23/2008 11/18/2008 12/12/2008
Date
$\longrightarrow$ Total Borrowing - Bear Stearns Borrowing Other Borrowing $\longrightarrow$ Total Collateral

## Composition of Collateral Pledged for December 26 Borrowings - in millions

[^36]| Rating $^{1}$ | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley $^{2}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Treasury | 192.5 | 177.9 | - | 1.1 | 371.5 |
| Agency | 308.7 | 10.7 | - | 7.7 | 327.1 |
| AAA | $2,812.6$ | $3,949.7$ | - | $2,303.0$ | $9,065.3$ |
| AA | 837.8 | 599.0 | - | 975.5 | $2,412.3$ |
| A | $1,254.1$ | $1,168.2$ | 193.3 | $1,000.7$ | $3,616.3$ |
| BBB | 855.5 | $1,189.5$ | - | 812.6 | $2,857.7$ |
| BB | 765.9 | $1,053.1$ | - | 349.8 | $2,168.9$ |
| B | $1,201.6$ | 840.8 | - | 243.3 | $2,285.7$ |
| CCC-C | 958.9 | 705.2 | - | 156.5 | $1,820.7$ |
| D | 108.4 | 266.6 | - | 39.8 | 414.8 |
| A-1 | - | - | - | - | - |
| A-2 | - | - | - | - | - |
| A-3 | - | - | - | - | - |
| NP | - | - | - | - | - |
| Equity | $5,445.7$ | $3,427.3$ | - | 769.0 | $9,642.0$ |
| Unkn Rtg (Triparty) | $2,304.4$ | $2,932.5$ | 21.7 | $\mathbf{1 , 6 9 6 . 6}$ | $6,955.2$ |
| Unkn Rtg (non-Triparty) | - | - | - | $\mathbf{1 , 6 4 7 . 8}$ | $1,647.8$ |
| Total Collateral | $\mathbf{1 7 , 0 4 6 . 0}$ | $\mathbf{1 6 , 3 2 0 . 6}$ | $\mathbf{2 1 5 . 0}$ | $\mathbf{1 0 , 0 0 3 . 5}$ | $\mathbf{4 3 , 5 8 5 . 2}$ |
| Total Borrowings | $\mathbf{1 5 , 7 6 7 . 0}$ | $\mathbf{1 5 , 0 5 1 . 0}$ | $\mathbf{2 0 0 . 9}$ | $\mathbf{7 , 7 1 7 . 5}$ | $\mathbf{3 8 , 7 3 6 . 4}$ |
| Collateral Cushion | $\mathbf{8 . 1 1 \%}$ | $\mathbf{8 . 4 4 \%}$ | $\mathbf{7 . 0 0 \%}$ | $\mathbf{2 9 . 6 2 \%}$ | $\mathbf{1 2 . 5 2 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $371,493,472$ | $0.85 \%$ |
| Agency | $327,069,892$ | $0.75 \%$ |
| AAA | $9,065,299,975$ | $20.80 \%$ |
| AA | $2,412,315,880$ | $5.53 \%$ |
| A | $3,616,312,242$ | $8.30 \%$ |
| BBB | $2,857,670,564$ | $6.56 \%$ |
| BB | $2,168,882,372$ | $4.98 \%$ |
| B | $2,285,666,846$ | $5.24 \%$ |
| CCC-C | $1,820,686,432$ | $4.18 \%$ |
| D | $414,807,877$ | $0.95 \%$ |
| Equity | $9,641,994,708$ | $22.12 \%$ |
| Unkn Rtg (Triparty) | $6,955,183,723$ | $15.96 \%$ |
| Unkn Rtg (non-Triparty) | $1,647,804,814$ | $3.78 \%$ |
| Total | $43,585,188,797$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $3,615,872,202$ | $8.30 \%$ |
| Agency Debt | $325,286,848$ | $0.75 \%$ |
| Auction Rate | $3,658,214,384$ | $8.39 \%$ |
| CDs-CP-BAs | 757,648 | $0.00 \%$ |
| CMBS | $172,519,510$ | $0.40 \%$ |
| Convertible Bonds-Domestic | $1,857,062,866$ | $4.26 \%$ |
| Convertible Bonds-Foreign | $979,278,313$ | $2.25 \%$ |
| Corporates-Domestic | $5,482,917,843$ | $12.58 \%$ |
| Corporates-Foreign | $1,585,843,774$ | $3.64 \%$ |
| Equity-Domestic | $6,158,405,441$ | $14.13 \%$ |
| Equity-Foreign | $3,483,589,268$ | $7.99 \%$ |
| Foreign Sovereigns-Domestic | $1,153,753,482$ | $2.65 \%$ |
| Foreign Sovereigns-Foreign | $486,443,157$ | $1.12 \%$ |
| MBS - Agency - CMO | $1,783,044$ | $0.00 \%$ |
| MBS - Private (CMO) | $3,379,103,383$ | $7.75 \%$ |
| Muni | $5,318,912,982$ | $12.20 \%$ |
| Mutual Fund | $3,431,018,292$ | $7.87 \%$ |
| Other | $456,283,755$ | $1.05 \%$ |
| Supranational | $18,844,321$ | $0.04 \%$ |
| Treasury | $371,493,472$ | $0.85 \%$ |
| Whole Loans - DW | $1,647,804,814$ | $3.78 \%$ |
| Total | $43,585,188,797$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 92,570,129 | 0.54\% |
|  |  | AA | 446,713 | 0.00\% |
|  |  | A | 222,515,307 | 1.31\% |
|  |  | BBB | 143,384,466 | 0.84\% |
|  |  | BB | 163,540,849 | 0.96\% |
|  |  | B | 241,271,407 | 1.42\% |
|  |  | CCC-C | 119,536,136 | 0.70\% |
|  |  | D | 85,234,893 | 0.50\% |
|  |  | Unkn Rtg (Triparty) | 344,854,446 | 2.02\% |
|  | Agency Debt | Agency | 308,661,659 | 1.81\% |
|  | CMBS | Unkn Rtg (Triparty) | 130,438,902 | 0.77\% |
|  | Convertible Bonds-Domestic | Unkn Rtg (Triparty) | 331,774,954 | 1.95\% |
|  | Convertible Bonds-Foreign | A | 72,950,235 | 0.43\% |
|  |  | BBB | 27,300,668 | 0.16\% |
|  |  | BB | 1,616,302 | 0.01\% |
|  |  | B | 42,917,630 | 0.25\% |
|  |  | Unkn Rtg (Triparty) | 485,323,120 | 2.85\% |
|  | Corporates-Domestic | AAA | 8,049,033 | 0.05\% |
|  |  | AA | 12,424,792 | 0.07\% |
|  |  | A | 556,541,105 | 3.26\% |
|  |  | BBB | 263,671,534 | 1.55\% |
|  |  | BB | 272,898,522 | 1.60\% |
|  |  | B | 41,009,602 | 0.24\% |
|  |  | CCC-C | 791,417,225 | 4.64\% |
|  |  | D | 23,079,241 | 0.14\% |
|  |  | Unkn Rtg (Triparty) | 214,652,620 | 1.26\% |
|  | Corporates-Foreign | AA | 3,194,022 | 0.02\% |
|  |  | A | 39,001,973 | 0.23\% |
|  |  | BBB | 114,853,687 | 0.67\% |
|  |  | BB | 65,826,119 | 0.39\% |
|  |  | B | 4,404,147 | 0.03\% |
|  |  | CCC-C | 13,244,952 | 0.08\% |
|  |  | D | 22,379 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 41,539,541 | 0.24\% |
|  | Equity-Domestic | Equity | 4,739,137,688 | 27.80\% |
|  | Equity-Foreign | Equity | 706,520,358 | 4.14\% |
|  | Foreign Sovereigns-Domestic | AA | 165,887,585 | 0.97\% |
|  |  | BBB | 88,434,066 | 0.52\% |
|  |  | BB | 8,495,672 | 0.05\% |
|  |  | B | 34,005,700 | 0.20\% |
|  |  | CCC-C | 8,854,393 | 0.05\% |
|  | Foreign Sovereigns-Foreign | AAA | 95,706,650 | 0.56\% |
|  |  | AA | Pages4, ¢070,072 | 0.50\% |
|  |  | A | 939,376 | 0.01\% |
|  |  | BBB | 11,303,891 | 0.07\% |
|  |  | BB | 4,409,370 | 0.03\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | MBS - Private (CMO) (con't) | BB | 247,036,382 | 1.45\% |
|  |  | B | 837,411,344 | 4.91\% |
|  |  | CCC-C | 25,786,206 | 0.15\% |
|  |  | D | 29,228 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 136,354,653 | 0.80\% |
|  | Muni | AAA | 259,603,409 | 1.52\% |
|  |  | AA | 494,560,043 | 2.90\% |
|  |  | A | 223,250,952 | 1.31\% |
|  |  | BBB | 140,197,353 | 0.82\% |
|  |  | BB | 2,092,885 | 0.01\% |
|  |  | B | 554,981 | 0.00\% |
|  |  | CCC-C | 89,924 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 148,843,184 | 0.87\% |
|  | Mutual Fund | AAA | 2,011,475,000 | 11.80\% |
|  |  | Unkn Rtg (Triparty) | 456,901,773 | 2.68\% |
|  | Supranational | AAA | 12,016,904 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 5,361,429 | 0.03\% |
|  | Treasury | Treasury | 192,489,451 | 1.13\% |
|  | Dealer Total |  | 17,046,039,033 | 100.00\% |
| Merrill Lynch | ABS | AAA | 324,379,316 | 1.99\% |
|  |  | AA | 72,862,338 | 0.45\% |
|  |  | A | 213,154,119 | 1.31\% |
|  |  | BBB | 118,394,846 | 0.73\% |
|  |  | BB | 162,288,207 | 0.99\% |
|  |  | B | 185,508,061 | 1.14\% |
|  |  | CCC-C | 251,579,456 | 1.54\% |
|  |  | D | 168,121,013 | 1.03\% |
|  |  | Unkn Rtg (Triparty) | 208,351,685 | 1.28\% |
|  | Agency Debt | Agency | 10,731,177 | 0.07\% |
|  | Auction Rate | AAA | 2,964,394,526 | 18.16\% |
|  |  | AA | 156,948,252 | 0.96\% |
|  |  | A | 93,061,778 | 0.57\% |
|  |  | BBB | 168,161,485 | 1.03\% |
|  |  | BB | 27,861,942 | 0.17\% |
|  |  | CCC-C | 46,560,654 | 0.29\% |
|  |  | Unkn Rtg (Triparty) | 201,225,748 | 1.23\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 729,971 | 0.00\% |
|  | CMBS | Unkn Rtg (Triparty) | 1,046,350 | 0.01\% |
|  | Convertible Bonds-Domestic | AA | 2,693,596 | 0.02\% |
|  |  | A | 323,435,322 | 1.98\% |
|  |  | BBB | 150,613,848 | 0.92\% |
|  |  | B | 5,582,532 | 0.03\% |
|  |  | CCC-C | 55,820,462 | 0.34\% |
|  |  | D | 2,461 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | Page 485,6422008 | 4.20\% |
|  | Convertible Bonds-Foreign | BBB | 13 | 0.00\% |
|  |  | B | 102 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 63,521,279 | 0.39\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Domestic (con't) | BBB | 247,322,344 | 1.52\% |
|  |  | BB | 62,061,671 | 0.38\% |
|  |  | B | 46,893,672 | 0.29\% |
|  |  | CCC-C | 318,886,508 | 1.95\% |
|  |  | D | 83,651,057 | 0.51\% |
|  |  | Unkn Rtg (Triparty) | 720,041,130 | 4.41\% |
|  | Corporates-Foreign | AAA | 16,137,500 | 0.10\% |
|  |  | AA | 25,411,032 | 0.16\% |
|  |  | A | 86,788,124 | 0.53\% |
|  |  | BBB | 118,341,862 | 0.73\% |
|  |  | BB | 254,232,978 | 1.56\% |
|  |  | B | 32,919,788 | 0.20\% |
|  |  | CCC-C | 20,028,608 | 0.12\% |
|  |  | D | 2,257,076 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 169,564,454 | 1.04\% |
|  | Equity-Domestic | Equity | 1,183,980,160 | 7.25\% |
|  | Equity-Foreign | Equity | 2,243,365,714 | 13.75\% |
|  | Foreign Sovereigns-Domestic | AAA | 715,164 | 0.00\% |
|  |  | AA | 8,150,941 | 0.05\% |
|  |  | A | 26,956,725 | 0.17\% |
|  |  | BBB | 46,543,900 | 0.29\% |
|  |  | BB | 367,150,195 | 2.25\% |
|  |  | B | 163,561,110 | 1.00\% |
|  |  | CCC-C | 485,266 | 0.00\% |
|  |  | D | 9,438,915 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 3,676,084 | 0.02\% |
|  | Foreign Sovereigns-Foreign | AAA | 40,566,860 | 0.25\% |
|  |  | A | 10,794,491 | 0.07\% |
|  |  | BBB | 92,781,337 | 0.57\% |
|  |  | BB | 21,705,248 | 0.13\% |
|  |  | B | 70,170,989 | 0.43\% |
|  |  | D | 2,102,723 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 3,913,907 | 0.02\% |
|  | MBS - Agency - CMO | Agency | 672 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 326,002,605 | 2.00\% |
|  |  | AA | 95,833,108 | 0.59\% |
|  |  | A | 15,538,332 | 0.10\% |
|  |  | BBB | 83,056,703 | 0.51\% |
|  |  | BB | 140,288,484 | 0.86\% |
|  |  | B | 334,371,771 | 2.05\% |
|  |  | CCC-C | 11,863,960 | 0.07\% |
|  |  | D | 1,076,183 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 16,009,083 | 0.10\% |
|  | Muni | AAA | 186,987,604 | 1.15\% |
|  |  | AA | 207,596,735 | 1.27\% |
|  |  | A | 110,696,264 | 0.68\% |
|  |  | BBB | Page 16641982296 | 1.01\% |
|  |  | BB | 17,546,344 | 0.11\% |
|  |  | B | 1,797,591 | 0.01\% |
|  |  | D | 559 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 402,558,823 | 2.47\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Other | BBB | 85,688 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 456,198,067 | 2.80\% |
|  | Supranational | AAA | 1,138,524 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 28,215 | 0.00\% |
|  | Treasury | Treasury | 177,900,418 | 1.09\% |
|  | Dealer Total |  | 16,320,649,112 | 100.00\% |
| Mizuho | Corporates-Domestic | A | 193,310,054 | 89.91\% |
|  |  | Unkn Rtg (Triparty) | 21,692,811 | 10.09\% |
|  | Dealer Total |  | 215,002,866 | 100.00\% |
| Morgan Stanley | ABS | AAA | 341,571,369 | 3.41\% |
|  |  | AA | 37,416,436 | 0.37\% |
|  |  | A | 25,999,165 | 0.26\% |
|  |  | BBB | 22,031,158 | 0.22\% |
|  |  | BB | 32,213,948 | 0.32\% |
|  |  | CCC-C | 4,407,879 | 0.04\% |
|  |  | D | 3,133,688 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 31,105,173 | 0.31\% |
|  | Agency Debt | Agency | 5,894,012 | 0.06\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 27,677 | 0.00\% |
|  | CMBS | Unkn Rtg (Triparty) | 41,034,258 | 0.41\% |
|  | Convertible Bonds-Domestic | A | 44,943,514 | 0.45\% |
|  |  | BBB | 82,352,462 | 0.82\% |
|  |  | BB | 267,435 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 173,934,272 | 1.74\% |
|  | Convertible Bonds-Foreign | BBB | 24,068,877 | 0.24\% |
|  |  | BB | 431,094 | 0.00\% |
|  |  | B | 6,119,818 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 255,029,174 | 2.55\% |
|  | Corporates-Domestic | AAA | 51,019,979 | 0.51\% |
|  |  | AA | 206,047,095 | 2.06\% |
|  |  | A | 79,541,171 | 0.80\% |
|  |  | BBB | 202,383,267 | 2.02\% |
|  |  | BB | 110,709,011 | 1.11\% |
|  |  | B | 49,264,488 | 0.49\% |
|  |  | CCC-C | 37,249,660 | 0.37\% |
|  |  | D | 20,229,388 | 0.20\% |
|  |  | Unkn Rtg (Triparty) | 442,265,855 | 4.42\% |
|  | Corporates-Foreign | AAA | 4,632,202 | 0.05\% |
|  |  | AA | 20,171,739 | 0.20\% |
|  |  | A | 32,928,418 | 0.33\% |
|  |  | BBB | 76,637,004 | 0.77\% |
|  |  | BB | 147,927,726 | 1.48\% |
|  |  | B | 36,940,309 | 0.37\% |
|  |  | CCC-C | 20,217,587 | 0.20\% |
|  |  | D | 2,223,585 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 236,396,962 | 2.36\% |
|  | Equity-Domestic | Equity | 235,287,593 | 2.35\% |
|  | Equity-Foreign | Equity | 533,703,196 | 5.34\% |
|  | Foreign Sovereigns-Domestic | AA | Page 4, 8 74463 | 0.05\% |
|  |  | A | 1,745,229 | 0.02\% |
|  |  | BBB | 683,032 | 0.01\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Foreign Sovereigns-Domestic (con't) | BB | 54,126,263 | 0.54\% |
|  |  | B | 117,432,236 | 1.17\% |
|  |  | CCC-C | 14,801,746 | 0.15\% |
|  |  | D | 14,202,247 | 0.14\% |
|  |  | Unkn Rtg (Triparty) | 13,729,551 | 0.14\% |
|  | Foreign Sovereigns-Foreign | BBB | 9,947,524 | 0.10\% |
|  |  | BB | 315,675 | 0.00\% |
|  |  | B | 28,757,117 | 0.29\% |
|  | MBS - Agency - CMO | Agency | 1,782,371 | 0.02\% |
|  | MBS - Private (CMO) | AAA | 355,718,147 | 3.56\% |
|  |  | AA | 79,757,120 | 0.80\% |
|  |  | A | 36,445,744 | 0.36\% |
|  |  | BBB | 13,360,506 | 0.13\% |
|  |  | BB | 2,852,102 | 0.03\% |
|  |  | B | 4,685,845 | 0.05\% |
|  |  | CCC-C | 20,003 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 513,001 | 0.01\% |
|  | Muni | AAA | 962,640,507 | 9.62\% |
|  |  | AA | 627,454,332 | 6.27\% |
|  |  | A | 779,130,373 | 7.79\% |
|  |  | BBB | 381,168,095 | 3.81\% |
|  |  | BB | 987,951 | 0.01\% |
|  |  | B | 86,610 | 0.00\% |
|  |  | CCC-C | 79,835,807 | 0.80\% |
|  |  | D | 3,241 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 127,031,119 | 1.27\% |
|  | Mutual Fund | AAA | 587,125,000 | 5.87\% |
|  |  | Unkn Rtg (Triparty) | 375,516,520 | 3.75\% |
|  | Supranational | AAA | 299,250 | 0.00\% |
|  | Treasury | Treasury | 1,103,602 | 0.01\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,647,804,814 | 16.47\% |
|  | Dealer Total |  | 10,003,497,786 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.

## RESTRICTED-FR

2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

## RESTRICTED FR

Highlights for Monday, December 29

- Total PDCF borrowing on Monday increased by $\$ 1.33$ billion to $\$ 40.07$ billion. Most participants had slight increases in borrowing, with the exception of Mizuho which had very small reduction in borrowing.
- Between Friday and Monday, the composition of collateral pledged by Citigroup shifted towards convertible securities ( $5.7 \%$ to $11 \%$ ) and equities ( $31.9 \%$ to $36.4 \%$ ). These changes were accompanied by shifts away from corporate debt ( $14.5 \%$ to $10.8 \%$ ) and sovereign debt ( $3 \%$ to $0.4 \%$ ).
- Of the $\$ 45.05$ billion of total PDCF collateral, $37.4 \%$ are investment grade securities, $15.2 \%$ are non-investment grade securities, $26 \%$ are equities, and $21.5 \%$ are securities with unknown ratings. Foreign denominated securities account for $16.1 \%$ of total pledged collateral.

国<br>PDCF Chatts and Tables - 20081229.doc<br>Regards,<br>Tony<br>Anthony Maglia<br>Markets Group<br>Federal Reserve Bank of New York<br>212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Monday, December 29, 2008

## Highlights

- Total PDCF borrowing on Monday increased by $\$ 1.33$ billion to $\$ 40.07$ billion. Most participants had slight increases in borrowing, with the exception of Mizuho which had very small reduction in borrowing.
- Between Friday and Monday, the composition of collateral pledged by Citigroup shifted towards convertible securities (5.7\% to $11 \%$ ) and equities ( $31.9 \%$ to $36.4 \%$ ). These changes were accompanied by shifts away from corporate debt ( $14.5 \%$ to $10.8 \%$ ) and sovereign $\operatorname{debt}$ ( $3 \%$ to $0.4 \%$ ).
- Of the $\$ 45.05$ billion of total PDCF collateral, $37.4 \%$ are investment grade securities, $15.2 \%$ are non-investment grade securities, $26 \%$ are equities, and $21.5 \%$ are securities with unknown ratings. Foreign denominated securities account for $16.1 \%$ of total pledged collateral.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{1 2 / 2 9 / 2 0 0 8}$ | $\mathbf{1 2 / 2 6 / 2 0 0 8}$ | $\mathbf{1 2 / 2 4 / 2 0 0 8}$ | $\mathbf{1 2 / 2 3 / 2 0 0 8}$ | $\mathbf{1 2 / 2 2 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Citigroup | 16.45 | 15.77 | 16.04 | 16.05 | 16.74 |
| Merrill Lynch | 15.35 | 15.05 | 14.26 | 18.61 | 17.34 |
| Mizuho | 0.19 | 0.20 | 0.20 | 0.20 | 0.20 |
| Morgan Stanley | 8.08 | 7.72 | 7.69 | 7.95 | 7.95 |
| Total Borrowings | $\mathbf{4 0 . 0 7}$ | $\mathbf{3 8 . 7 4}$ | $\mathbf{3 8 . 1 9}$ | $\mathbf{4 2 . 8 1}$ | $\mathbf{4 2 . 2 3}$ |
|  |  |  |  |  |  |
| Total Collateral $^{*}$ | $\mathbf{4 5 . 0 5}$ | $\mathbf{4 3 . 5 9}$ | $\mathbf{4 2 . 9 8}$ | $\mathbf{4 7 . 9 7}$ | $\mathbf{4 7 . 3 7}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 2 . 4 3 \%}$ | $\mathbf{1 2 . 5 2 \%}$ | $\mathbf{1 2 . 5 4 \%}$ | $\mathbf{1 2 . 0 5 \%}$ | $\mathbf{1 2 . 1 7 \%}$ |

[^37]
## RESTRICTED-FR

## PDCF Borrowing Trend


\$0
03/17/2008 04/11/2008 05/07/2008 06/03/2008 06/27/2008 07/24/2008 08/19/2008 09/15/2008 10/09/2008 11/05/2008 12/03/2008
Date
$\longrightarrow$ Total Borrowing —ear Stearns Borrowing —Other Borrowing —Total Collateral

## Composition of Collateral Pledged for December 29 Borrowings - in millions

[^38]| Rating $^{1}$ | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley $^{2}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Treasury | 170.3 | 31.7 | - | 1.1 | 203.1 |
| Agency | 328.6 | 11.6 | - | 7.5 | 347.6 |
| AAA | $2,662.2$ | $4,110.4$ | - | $2,402.1$ | $9,174.7$ |
| AA | 504.7 | 582.9 | - | $1,056.4$ | $2,144.0$ |
| A | 743.4 | 887.7 | 180.3 | $1,098.8$ | $2,910.1$ |
| BBB | 365.0 | 861.7 | 0.8 | 825.7 | $2,053.2$ |
| BB | 813.6 | $1,122.0$ | - | 366.0 | $2,301.6$ |
| B | $1,196.4$ | 830.2 | - | 263.9 | $2,290.5$ |
| CCC-C | 968.9 | 710.7 | - | 159.2 | $1,838.8$ |
| D | 100.6 | 271.3 | - | 53.1 | 425.0 |
| A-1 | - | - | - | - | - |
| A-2 | - | - | - | - | - |
| A-3 | - | - | - | - | - |
| NP | - | - | - | - | - |
| Equity | $6,461.7$ | $4,505.9$ | - | 728.6 | $11,696.1$ |
| Unkn Rtg (Triparty) | $3,450.8$ | $2,751.6$ | 21.7 | $\mathbf{1 , 7 9 4 . 3}$ | $8,018.4$ |
| Unkn Rtg (non-Triparty) | - | - | - | $\mathbf{1 , 6 4 7 . 8}$ | $1,647.8$ |
| Total Collateral | $\mathbf{1 7 , 7 6 6 . 0}$ | $\mathbf{1 6 , 6 7 7 . 7}$ | $\mathbf{2 0 2 . 8}$ | $\mathbf{1 0 , 4 0 4 . 6}$ | $\mathbf{4 5 , 0 5 1 . 1}$ |
| Total Borrowings | $\mathbf{1 6 , 4 4 8 . 0}$ | $\mathbf{1 5 , 3 5 1 . 0}$ | $\mathbf{1 8 9 . 6}$ | $\mathbf{8 , 0 8 4 . 2}$ | $\mathbf{4 0 , 0 7 2 . 8}$ |
| Collateral Cushion | $\mathbf{8 . 0 1 \%}$ | $\mathbf{8 . 6 4 \%}$ | $\mathbf{6 . 9 8 \%}$ | $\mathbf{2 8 . 7 0 \%}$ | $\mathbf{1 2 . 4 2 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $203,114,531$ | $0.45 \%$ |
| Agency | $347,647,380$ | $0.77 \%$ |
| AAA | $9,174,719,561$ | $20.37 \%$ |
| AA | $2,143,994,729$ | $4.76 \%$ |
| A | $2,910,083,417$ | $6.46 \%$ |
| BBB | $2,053,217,166$ | $4.56 \%$ |
| BB | $2,301,601,874$ | $5.11 \%$ |
| B | $2,290,459,892$ | $5.08 \%$ |
| CCC-C | $1,838,848,577$ | $4.08 \%$ |
| D | $425,011,906$ | $0.94 \%$ |
| Equity | $11,696,145,237$ | $25.96 \%$ |
| Unkn Rtg (Triparty) | $8,018,410,035$ | $17.80 \%$ |
| Unkn Rtg (non-Triparty) | $1,647,804,814$ | $3.66 \%$ |
| Total | $45,051,059,119$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $3,722,953,364$ | $8.26 \%$ |
| Agency Debt | $345,864,757$ | $0.77 \%$ |
| Auction Rate | $3,661,751,609$ | $8.13 \%$ |
| CDs-CP-BAs | 757,761 | $0.00 \%$ |
| CMBS | $179,710,339$ | $0.40 \%$ |
| Convertible Bonds-Domestic | $2,319,657,906$ | $5.15 \%$ |
| Convertible Bonds-Foreign | $1,031,032,087$ | $2.29 \%$ |
| Corporates-Domestic | $4,992,976,279$ | $11.08 \%$ |
| Corporates-Foreign | $1,684,180,455$ | $3.74 \%$ |
| Equity-Domestic | $7,437,377,071$ | $16.51 \%$ |
| Equity-Foreign | $4,258,768,166$ | $9.45 \%$ |
| Foreign Sovereigns-Domestic | $966,432,349$ | $2.15 \%$ |
| Foreign Sovereigns-Foreign | $290,370,494$ | $0.64 \%$ |
| MBS - Agency -CMO | $1,782,624$ | $0.00 \%$ |
| MBS - Private (CMO) | $3,361,201,705$ | $7.46 \%$ |
| Muni | $5,148,938,758$ | $11.43 \%$ |
| Mutual Fund | $3,303,788,807$ | $7.33 \%$ |
| Other | $401,320,117$ | $0.89 \%$ |
| Supranational | $91,275,126$ | $0.20 \%$ |
| Treasury | $203,114,531$ | $0.45 \%$ |
| Whole Loans - DW | $1,647,804,814$ | $3.66 \%$ |
| Total | $45,051,059,119$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 76,473,180 | 0.43\% |
|  |  | AA | 90,674 | 0.00\% |
|  |  | A | 197,211,564 | 1.11\% |
|  |  | BBB | 136,217,698 | 0.77\% |
|  |  | BB | 162,413,120 | 0.91\% |
|  |  | B | 236,320,126 | 1.33\% |
|  |  | CCC-C | 119,517,648 | 0.67\% |
|  |  | D | 85,926,320 | 0.48\% |
|  |  | Unkn Rtg (Triparty) | 343,673,031 | 1.93\% |
|  | Agency Debt | Agency | 328,592,425 | 1.85\% |
|  | CMBS | Unkn Rtg (Triparty) | 143,115,776 | 0.81\% |
|  | Convertible Bonds-Domestic | BB | 37,803,549 | 0.21\% |
|  |  | B | 28,538,675 | 0.16\% |
|  |  | Unkn Rtg (Triparty) | 1,196,789,052 | 6.74\% |
|  | Convertible Bonds-Foreign | A | 1,112,378 | 0.01\% |
|  |  | BB | 6,441,165 | 0.04\% |
|  |  | B | 3,014,508 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 683,208,606 | 3.85\% |
|  | Corporates-Domestic | AAA | 17,474,571 | 0.10\% |
|  |  | AA | 24,834 | 0.00\% |
|  |  | A | 213,929,195 | 1.20\% |
|  |  | BBB | 12,591,170 | 0.07\% |
|  |  | BB | 274,007,116 | 1.54\% |
|  |  | B | 41,082,225 | 0.23\% |
|  |  | CCC-C | 798,332,636 | 4.49\% |
|  |  | D | 14,628,268 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 348,338,470 | 1.96\% |
|  | Corporates-Foreign | BBB | 163,717 | 0.00\% |
|  |  | BB | 66,217,083 | 0.37\% |
|  |  | B | 4,432,431 | 0.02\% |
|  |  | CCC-C | 16,614,143 | 0.09\% |
|  |  | D | 22,488 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 115,450,893 | 0.65\% |
|  | Equity-Domestic | Equity | 5,760,049,013 | 32.42\% |
|  | Equity-Foreign | Equity | 701,612,065 | 3.95\% |
|  | Foreign Sovereigns-Domestic | BB | 8,504,232 | 0.05\% |
|  |  | B | 34,232,813 | 0.19\% |
|  |  | CCC-C | 8,860,794 | 0.05\% |
|  | Foreign Sovereigns-Foreign | BBB | 11,313,344 | 0.06\% |
|  |  | BB | 4,297,703 | 0.02\% |
|  | MBS - Private (CMO) | AAA | 311,171,794 | 1.75\% |
|  |  | AA | 45,932,803 | 0.26\% |
|  |  | A | Page 4,909,744 | 0.65\% |
|  |  | BBB | 68,127,587 | 0.38\% |
|  |  | BB | 251,806,213 | 1.42\% |
|  |  | B | 848,174,960 | 4.77\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Muni (con't) | A | 216,192,518 | 1.22\% |
|  |  | BBB | 136,617,389 | 0.77\% |
|  |  | BB | 2,089,643 | 0.01\% |
|  |  | B | 557,132 | 0.00\% |
|  |  | CCC-C | 89,946 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 148,843,184 | 0.84\% |
|  | Mutual Fund | AAA | 1,998,975,000 | 11.25\% |
|  |  | Unkn Rtg (Triparty) | 335,746,939 | 1.89\% |
|  | Supranational | AAA | 366,584 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 7,726 | 0.00\% |
|  | Treasury | Treasury | 170,320,023 | 0.96\% |
|  | Dealer Total |  | 17,765,976,032 | 100.00\% |
| Merrill Lynch | ABS | AAA | 464,395,323 | 2.78\% |
|  |  | AA | 72,937,412 | 0.44\% |
|  |  | A | 213,751,318 | 1.28\% |
|  |  | BBB | 119,905,468 | 0.72\% |
|  |  | BB | 171,961,990 | 1.03\% |
|  |  | B | 184,773,745 | 1.11\% |
|  |  | CCC-C | 249,214,308 | 1.49\% |
|  |  | D | 169,265,944 | 1.01\% |
|  |  | Unkn Rtg (Triparty) | 207,179,283 | 1.24\% |
|  | Agency Debt | Agency | 11,576,796 | 0.07\% |
|  | Auction Rate | AAA | 2,968,769,526 | 17.80\% |
|  |  | AA | 156,948,252 | 0.94\% |
|  |  | A | 92,938,801 | 0.56\% |
|  |  | BBB | 168,189,475 | 1.01\% |
|  |  | BB | 27,862,732 | 0.17\% |
|  |  | CCC-C | 46,561,346 | 0.28\% |
|  |  | Unkn Rtg (Triparty) | 200,481,477 | 1.20\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 729,985 | 0.00\% |
|  | CMBS | Unkn Rtg (Triparty) | 549,321 | 0.00\% |
|  | Convertible Bonds-Domestic | AA | 2,697,609 | 0.02\% |
|  |  | A | 96,327,068 | 0.58\% |
|  |  | CCC-C | 55,869,457 | 0.33\% |
|  |  | D | 2,756 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 611,140,964 | 3.66\% |
|  | Convertible Bonds-Foreign | B | 103 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 57,885,695 | 0.35\% |
|  | Corporates-Domestic | AAA | 89,475,736 | 0.54\% |
|  |  | AA | 29,406,091 | 0.18\% |
|  |  | A | 236,708,926 | 1.42\% |
|  |  | BBB | 75,261,250 | 0.45\% |
|  |  | BB | 51,133,580 | 0.31\% |
|  |  | B | 41,682,932 | 0.25\% |
|  |  | CCC-C | Page 313,5052717 | 1.88\% |
|  |  | D | 84,534,902 | 0.51\% |
|  |  | Unkn Rtg (Triparty) | 771,192,438 | 4.62\% |
|  | Corporates-Foreign | AAA | 16,131,512 | 0.10\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Foreign (con't) | BB | 267,802,720 | 1.61\% |
|  |  | B | 41,852,335 | 0.25\% |
|  |  | CCC-C | 30,860,863 | 0.19\% |
|  |  | D | 2,428,026 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 169,866,921 | 1.02\% |
|  | Equity-Domestic | Equity | 1,416,444,621 | 8.49\% |
|  | Equity-Foreign | Equity | 3,089,416,027 | 18.52\% |
|  | Foreign Sovereigns-Domestic | AAA | 715,231 | 0.00\% |
|  |  | AA | 8,187,165 | 0.05\% |
|  |  | A | 30,045,236 | 0.18\% |
|  |  | BBB | 43,804,501 | 0.26\% |
|  |  | BB | 422,354,781 | 2.53\% |
|  |  | B | 165,778,816 | 0.99\% |
|  |  | CCC-C | 2,630,564 | 0.02\% |
|  |  | D | 11,851,408 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 3,426,515 | 0.02\% |
|  | Foreign Sovereigns-Foreign | AAA | 12,756,764 | 0.08\% |
|  |  | A | 10,853,095 | 0.07\% |
|  |  | BBB | 93,450,434 | 0.56\% |
|  |  | BB | 21,286,860 | 0.13\% |
|  |  | B | 71,725,515 | 0.43\% |
|  |  | D | 2,111,204 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 3,113,269 | 0.02\% |
|  | MBS - Agency - CMO | Agency | 697 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 357,919,528 | 2.15\% |
|  |  | AA | 94,136,790 | 0.56\% |
|  |  | A | 15,574,553 | 0.09\% |
|  |  | BBB | 85,955,693 | 0.52\% |
|  |  | BB | 139,080,950 | 0.83\% |
|  |  | B | 321,607,423 | 1.93\% |
|  |  | CCC-C | 11,871,205 | 0.07\% |
|  |  | D | 1,080,649 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 16,033,960 | 0.10\% |
|  | Muni | AAA | 184,587,943 | 1.11\% |
|  |  | AA | 192,021,225 | 1.15\% |
|  |  | A | 102,323,556 | 0.61\% |
|  |  | BBB | 137,559,832 | 0.82\% |
|  |  | BB | 17,564,150 | 0.11\% |
|  |  | B | 1,809,793 | 0.01\% |
|  |  | CCC-C | 27,714 | 0.00\% |
|  |  | D | 559 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 312,812,508 | 1.88\% |
|  | Other | BB | 2,977,026 | 0.02\% |
|  |  | B | 1,001,217 | 0.01\% |
|  |  | CCC-C | 198,807 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 397,143,067 | 2.38\% |
|  | Supranational | AAA | Page 161568.435 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 28,307 | 0.00\% |
|  | Treasury | Treasury | 31,690,237 | 0.19\% |
|  | Dealer Total |  | 16,677,684,339 | 100.00\% |
| Mizuho | Corporates-Domestic | A | 180,263,067 | 88.87\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Mizuho (con't) | Corporates-Domestic (con't) | BBB | 829,138 | 0.41\% |
|  |  | Unkn Rtg (Triparty) | 21,739,774 | 10.72\% |
|  | Dealer Total |  | 202,831,979 | 100.00\% |
| Morgan Stanley | ABS | AAA | 341,937,387 | 3.29\% |
|  |  | AA | 37,532,804 | 0.36\% |
|  |  | A | 26,495,971 | 0.25\% |
|  |  | BBB | 22,281,183 | 0.21\% |
|  |  | BB | 34,836,503 | 0.33\% |
|  |  | CCC-C | 4,409,344 | 0.04\% |
|  |  | D | 3,155,551 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 41,076,469 | 0.39\% |
|  | Agency Debt | Agency | 5,695,536 | 0.05\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 27,776 | 0.00\% |
|  | CMBS | Unkn Rtg (Triparty) | 36,045,242 | 0.35\% |
|  | Convertible Bonds-Domestic | A | 27,616,167 | 0.27\% |
|  |  | BBB | 82,335,952 | 0.79\% |
|  |  | BB | 267,229 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 180,269,428 | 1.73\% |
|  | Convertible Bonds-Foreign | BBB | 23,536,871 | 0.23\% |
|  |  | BB | 431,301 | 0.00\% |
|  |  | B | 6,093,714 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 249,307,747 | 2.40\% |
|  | Corporates-Domestic | AAA | 56,390,124 | 0.54\% |
|  |  | AA | 225,935,901 | 2.17\% |
|  |  | A | 178,020,341 | 1.71\% |
|  |  | BBB | 222,094,155 | 2.13\% |
|  |  | BB | 121,512,323 | 1.17\% |
|  |  | B | 67,757,838 | 0.65\% |
|  |  | CCC-C | 38,319,177 | 0.37\% |
|  |  | D | 23,745,754 | 0.23\% |
|  |  | Unkn Rtg (Triparty) | 443,058,631 | 4.26\% |
|  | Corporates-Foreign | AAA | 19,615,091 | 0.19\% |
|  |  | AA | 43,588,030 | 0.42\% |
|  |  | A | 31,366,287 | 0.30\% |
|  |  | BBB | 85,242,648 | 0.82\% |
|  |  | BB | 149,996,965 | 1.44\% |
|  |  | B | 38,942,684 | 0.37\% |
|  |  | CCC-C | 22,048,332 | 0.21\% |
|  |  | D | 8,911,711 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 299,326,169 | 2.88\% |
|  | Equity-Domestic | Equity | 260,883,437 | 2.51\% |
|  | Equity-Foreign | Equity | 467,740,074 | 4.50\% |
|  | Foreign Sovereigns-Domestic | AAA | 650,683 | 0.01\% |
|  |  | AA | 4,676,525 | 0.04\% |
|  |  | A | 1,746,208 | 0.02\% |
|  |  | BBB | 682,782 | 0.01\% |
|  |  | BB | 54,760,895 | 0.53\% |
|  |  | B | 118,304,802 | 1.14\% |
|  |  | CCC-C | Pageod, 00012 | $210.14 \%$ |
|  |  | D | 17,312,628 | 0.17\% |
|  |  | Unkn Rtg (Triparty) | 13,296,764 | 0.13\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Foreign Sovereigns-Foreign | BBB | 9,943,859 | 0.10\% |
|  |  | BB | 317,783 | 0.00\% |
|  |  | B | 28,967,320 | 0.28\% |
|  |  | Unkn Rtg (Triparty) | 20,233,344 | 0.19\% |
|  | MBS - Agency - CMO | Agency | 1,781,927 | 0.02\% |
|  | MBS - Private (CMO) | AAA | 351,817,411 | 3.38\% |
|  |  | AA | 107,252,500 | 1.03\% |
|  |  | A | 37,169,278 | 0.36\% |
|  |  | BBB | 13,380,268 | 0.13\% |
|  |  | BB | 2,859,260 | 0.03\% |
|  |  | B | 3,722,077 | 0.04\% |
|  |  | CCC-C | 19,781 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 530,406 | 0.01\% |
|  | Muni | AAA | 965,692,372 | 9.28\% |
|  |  | AA | 637,393,976 | 6.13\% |
|  |  | A | 796,386,725 | 7.65\% |
|  |  | BBB | 366,173,953 | 3.52\% |
|  |  | BB | 1,015,000 | 0.01\% |
|  |  | B | 86,710 | 0.00\% |
|  |  | CCC-C | 79,836,027 | 0.77\% |
|  |  | D | 4,359 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 132,911,270 | 1.28\% |
|  | Mutual Fund | AAA | 590,825,000 | 5.68\% |
|  |  | Unkn Rtg (Triparty) | 378,241,867 | 3.64\% |
|  | Supranational | AAA | 75,207,074 | 0.72\% |
|  | Treasury | Treasury | 1,104,271 | 0.01\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,647,804,814 | 15.84\% |
|  | Dealer Total |  | 10,404,566,769 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Wednesday , December 31
Timothy Geithner, Thomas Baxter, Terrence Checki,

| Anthony Magliato: William Rutledge, Christine Cumming, Susan <br> McLaughlin, William Walsh, Spence Hilton, Debby | $01 / 02 / 2009$ 03:14 PM |
| :---: | :---: | :---: |

## RESTRICTED FR

## Highlights for Wednesday, December 31

- Total PDCF borrowing on the last day of 2008 was $\$ 37.40$ billion, virtually unchanged from the day before. Merrill Lynch increased borrowing by $\$ 0.78$ billion, Citigroup decreased borrowing by $\$ 0.85$ billion, and all other participants remained steady.
- Merrill Lynch is currently borrowing $\$ 15.18$ billion against $\$ 16.52$ billion of collateral. Foreign denominated securities account for $28.2 \%$ ( $\$ 4.66$ billion) of Merrill Lynch's pledged collateral. On December 1st, only $15.4 \%$ ( $\$ 3.92$ billion) its collateral was foreign denominated.
- Of the $\$ 42.2$ billion of collateral pledged by all participants, $39.1 \%$ are investment grade securities, $16.3 \%$ are non-investment grade securities, $23.5 \%$ are equities, $17.2 \%$ are securities with unknown ratings, and $3.9 \%$ are whole loans pledged through the Discount Window. This represents a modest shift away from equities towards non-investment grade securities since the start of December.

[^39]
## Primary Dealer Credit Facility Collateral Report

For Wednesday, December 31, 2008

## Highlights

- Total PDCF borrowing on the last day of 2008 was $\$ 37.40$ billion, virtually unchanged from the day before. Merrill Lynch increased borrowing by $\$ 0.78$ billion, Citigroup decreased borrowing by $\$ 0.85$ billion, and all other participants remained steady.
- Merrill Lynch is currently borrowing $\$ 15.18$ billion against $\$ 16.52$ billion of collateral. Foreign denominated securities account for $28.2 \%$ ( $\$ 4.66$ billion) of Merrill Lynch's pledged collateral. On December 1 ${ }^{\text {st }}$, only $15.4 \%$ ( $\$ 3.92$ billion) its collateral was foreign denominated.
- Of the $\$ 42.2$ billion of collateral pledged by all participants, $39.1 \%$ are investment grade securities, $16.3 \%$ are non-investment grade securities, $23.5 \%$ are equities, $17.2 \%$ are securities with unknown ratings, and $3.9 \%$ are whole loans pledged through the Discount Window. This represents a modest shift away from equities towards non-investment grade securities since the start of December.

Overnight Borrowings - in billions

| Dealer | $\mathbf{1 2 / 3 1 / 2 0 0 8}$ | $\mathbf{1 2 / 3 0 / 2 0 0 8}$ | $\mathbf{1 2 / 2 9 / 2 0 0 8}$ | $\mathbf{1 2 / 2 6 / 2 0 0 8}$ | $\mathbf{1 2 / 2 4 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Citigroup | 13.80 | 14.65 | 16.45 | 15.77 | 16.04 |
| Merrill Lynch | 15.18 | 14.40 | 15.35 | 15.05 | 14.26 |
| Mizuho | 0.20 | 0.20 | 0.19 | 0.20 | 0.20 |
| Morgan Stanley | 8.22 | 8.22 | 8.08 | 7.72 | 7.69 |
| Total Borrowings | $\mathbf{3 7 . 4 0}$ | $\mathbf{3 7 . 4 6}$ | $\mathbf{4 0 . 0 7}$ | $\mathbf{3 8 . 7 4}$ | $\mathbf{3 8 . 1 9}$ |


| Total Collateral $^{*}$ | 42.2 | 42.22 | 45.05 | 43.59 | 42.98 |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| Collateral Cushion | $12.83 \%$ | $12.71 \%$ | $12.43 \%$ | $12.52 \%$ | $12.54 \%$ |

## RESTRICTED-FR

* Includes additional commercial loans in a Borrower-In-Custody arrangement. Further legal review of swap receivable collateral suggests that the Reserve Bank does not have a claim against swap receivables collateral unless the pledging dealer has explicitly borrowed against this collateral. As such, swap receivables collateral has been removed from the collateral totals in this report.


## PDCF Borrowing Trend



## Composition of Collateral Pledged for December 31 Borrowings - in millions

[^40]| Rating $^{1}$ | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley $^{2}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Treasury | - | 9.7 | - | 1.1 | 10.8 |
| Agency | 36.9 | 11.8 | - | 11.1 | 59.8 |
| AAA | $2,625.9$ | $3,860.0$ | - | $2,427.0$ | $8,912.9$ |
| AA | 687.6 | 384.2 | - | 971.5 | $2,043.3$ |
| A | 743.5 | $1,110.2$ | 190.9 | $1,125.4$ | $3,170.0$ |
| BBB | 364.0 | $1,111.4$ | 0.8 | 819.7 | $2,295.9$ |
| BB | 752.9 | $1,309.0$ | - | 390.5 | $2,452.5$ |
| B | $1,195.7$ | 781.6 | - | 227.1 | $2,204.4$ |
| CCC-C | 988.1 | 684.9 | - | 157.5 | $1,830.5$ |
| D | 62.2 | 263.8 | - | 55.1 | 381.1 |
| A-1 | - | - | - | - | - |
| A-2 | - | - | - | - | - |
| A-3 | - | - | - | - | - |
| NP | - | - | - | - | - |
| Equity | $4,580.4$ | $4,513.5$ | - | 833.3 | $9,927.1$ |
| Unkn Rtg (Triparty) | $2,871.7$ | $2,479.0$ | 21.7 | $1,894.7$ | $7,267.2$ |
| Unkn Rtg (non-Triparty) | - | - | - | $\mathbf{1 , 6 4 7 . 8}$ | $1,647.8$ |
| Total Collateral | $\mathbf{1 4 , 9 0 8 . 9}$ | $\mathbf{1 6 , 5 1 9 . 1}$ | $\mathbf{2 1 3 . 4}$ | $\mathbf{1 0 , 5 6 1 . 9}$ | $\mathbf{4 2 , 2 0 3 . 3}$ |
| Total Borrowings | $\mathbf{1 3 , 7 9 8 . 0}$ | $\mathbf{1 5 , 1 8 2 . 0}$ | $\mathbf{1 9 9 . 5}$ | $\mathbf{8 , 2 2 4 . 9}$ | $\mathbf{3 7 , 4 0 4 . 4}$ |
| Collateral Cushion | $\mathbf{8 . 0 5 \%}$ | $\mathbf{8 . 8 1 \%}$ | $\mathbf{6 . 9 8 \%}$ | $\mathbf{2 8 . 4 1 \%}$ | $\mathbf{1 2 . 8 3 \%}$ |

Page 3 of 21

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $10,790,757$ | $0.03 \%$ |
| Agency | $59,765,416$ | $0.14 \%$ |
| AAA | $8,912,927,540$ | $21.12 \%$ |
| AA | $2,043,336,944$ | $4.84 \%$ |
| A | $3,170,031,739$ | $7.51 \%$ |
| BBB | $2,295,919,390$ | $5.44 \%$ |
| BB | $2,452,495,586$ | $5.81 \%$ |
| B | $2,204,401,592$ | $5.22 \%$ |
| CCC-C | $1,830,507,757$ | $4.34 \%$ |
| D | $381,074,722$ | $0.90 \%$ |
| Equity | $9,927,095,498$ | $23.52 \%$ |
| Unkn Rtg (Triparty) | $7,267,197,896$ | $17.22 \%$ |
| Unkn Rtg (non-Triparty) | $1,647,804,814$ | $3.90 \%$ |
| Total | $42,203,349,651$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $3,635,005,348$ | $8.61 \%$ |
| Agency Debt | $58,130,799$ | $0.14 \%$ |
| Auction Rate | $3,681,738,459$ | $8.72 \%$ |
| CDs-CP-BAs | 27,869 | $0.00 \%$ |
| CMBS | $100,078,352$ | $0.24 \%$ |
| Convertible Bonds-Domestic | $2,830,769,471$ | $6.71 \%$ |
| Convertible Bonds-Foreign | $1,020,638,014$ | $2.42 \%$ |
| Corporates-Domestic | $5,170,468,623$ | $12.25 \%$ |
| Corporates-Foreign | $1,673,189,702$ | $3.96 \%$ |
| Equity-Domestic | $5,631,423,423$ | $13.34 \%$ |
| Equity-Foreign | $4,295,672,075$ | $10.18 \%$ |
| Foreign Sovereigns-Domestic | $1,025,999,420$ | $2.43 \%$ |
| Foreign Sovereigns-Foreign | $224,009,419$ | $0.53 \%$ |
| MBS - Agency -CMO | $1,634,617$ | $0.00 \%$ |
| MBS - Private (CMO) | $3,364,980,044$ | $7.97 \%$ |
| Muni | $4,486,133,943$ | $10.63 \%$ |
| Mutual Fund | $3,254,477,556$ | $7.71 \%$ |
| Other | $4,480,000$ | $0.01 \%$ |
| Supranational | $85,896,945$ | $0.20 \%$ |
| Treasury | $10,790,757$ | $0.03 \%$ |
| Whole Loans - DW | $1,647,804,814$ | $3.90 \%$ |
| Total | $42,203,349,651$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 76,578,180 | 0.51\% |
|  |  | AA | 392,667 | 0.00\% |
|  |  | A | 211,592,909 | 1.42\% |
|  |  | BBB | 119,458,762 | 0.80\% |
|  |  | BB | 162,642,943 | 1.09\% |
|  |  | B | 238,903,111 | 1.60\% |
|  |  | CCC-C | 105,109,222 | 0.71\% |
|  |  | D | 49,627,956 | 0.33\% |
|  |  | Unkn Rtg (Triparty) | 317,081,417 | 2.13\% |
|  | Agency Debt | Agency | 36,876,873 | 0.25\% |
|  | CMBS | Unkn Rtg (Triparty) | 17,134,445 | 0.11\% |
|  | Convertible Bonds-Domestic | BB | 23,611,596 | 0.16\% |
|  |  | B | 10,505,745 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 1,014,077,142 | 6.80\% |
|  | Convertible Bonds-Foreign | Unkn Rtg (Triparty) | 424,756,006 | 2.85\% |
|  | Corporates-Domestic | AAA | 8,049,033 | 0.05\% |
|  |  | AA | 24,866 | 0.00\% |
|  |  | A | 179,023,015 | 1.20\% |
|  |  | BB | 274,165,487 | 1.84\% |
|  |  | B | 40,963,758 | 0.27\% |
|  |  | CCC-C | 835,367,946 | 5.60\% |
|  |  | D | 12,475,518 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 352,235,109 | 2.36\% |
|  | Corporates-Foreign | BBB | 164,928 | 0.00\% |
|  |  | BB | 16,637,765 | 0.11\% |
|  |  | CCC-C | 13,323,769 | 0.09\% |
|  |  | D | 22,632 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 114,835,625 | 0.77\% |
|  | Equity-Domestic | Equity | 4,259,694,373 | 28.57\% |
|  | Equity-Foreign | Equity | 320,659,878 | 2.15\% |
|  | Foreign Sovereigns-Domestic | BBB | 14,996,762 | 0.10\% |
|  |  | BB | 7,946,224 | 0.05\% |
|  |  | B | 30,318,370 | 0.20\% |
|  |  | CCC-C | 8,865,062 | 0.06\% |
|  | Foreign Sovereigns-Foreign | BBB | 11,361,236 | 0.08\% |
|  |  | BB | 4,360,414 | 0.03\% |
|  | MBS - Private (CMO) | AAA | 316,656,055 | 2.12\% |
|  |  | AA | 59,706,669 | 0.40\% |
|  |  | A | 119,746,244 | 0.80\% |
|  |  | BBB | 70,320,636 | 0.47\% |
|  |  | BB | 261,518,593 | 1.75\% |
|  |  | B | 874,490,480 | 5.87\% |
|  |  | CCC-C | Page $5,636,683$ | 0.17\% |
|  |  | D | 24,759 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 128,967,182 | 0.87\% |
|  | Muni | AAA | 322,409,580 | 2.16\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Muni (con't) | CCC-C | 89,961 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 170,875,026 | 1.15\% |
|  | Mutual Fund | AAA | 1,902,175,000 | 12.76\% |
|  |  | Unkn Rtg (Triparty) | 331,774,432 | 2.23\% |
|  | Dealer Total |  | 14,908,898,728 | 100.00\% |
| Merrill Lynch | ABS | AAA | 479,031,754 | 2.90\% |
|  |  | AA | 66,736,072 | 0.40\% |
|  |  | A | 221,401,335 | 1.34\% |
|  |  | BBB | 110,481,213 | 0.67\% |
|  |  | BB | 163,472,956 | 0.99\% |
|  |  | B | 183,411,724 | 1.11\% |
|  |  | CCC-C | 251,812,983 | 1.52\% |
|  |  | D | 171,521,344 | 1.04\% |
|  |  | Unkn Rtg (Triparty) | 181,896,036 | 1.10\% |
|  | Agency Debt | Agency | 11,794,093 | 0.07\% |
|  | Auction Rate | AAA | 2,970,796,010 | 17.98\% |
|  |  | AA | 156,353,302 | 0.95\% |
|  |  | A | 103,325,326 | 0.63\% |
|  |  | BBB | 170,375,440 | 1.03\% |
|  |  | BB | 28,095,363 | 0.17\% |
|  |  | CCC-C | 46,961,554 | 0.28\% |
|  |  | Unkn Rtg (Triparty) | 205,831,465 | 1.25\% |
|  | CMBS | Unkn Rtg (Triparty) | 47,236,860 | 0.29\% |
|  | Convertible Bonds-Domestic | AA | 2,722,921 | 0.02\% |
|  |  | A | 351,676,054 | 2.13\% |
|  |  | BBB | 206,753,718 | 1.25\% |
|  |  | BB | 28,337,014 | 0.17\% |
|  |  | B | 20,446,665 | 0.12\% |
|  |  | CCC-C | 54,662,327 | 0.33\% |
|  |  | D | 2,461 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 768,068,958 | 4.65\% |
|  | Convertible Bonds-Foreign | A | 14,939,577 | 0.09\% |
|  |  | BB | 79,079,044 | 0.48\% |
|  |  | B | 2,489,320 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 218,828,600 | 1.32\% |
|  | Corporates-Domestic | AAA | 90,026,896 | 0.54\% |
|  |  | AA | 29,445,157 | 0.18\% |
|  |  | A | 274,762,166 | 1.66\% |
|  |  | BBB | 248,894,777 | 1.51\% |
|  |  | BB | 64,699,099 | 0.39\% |
|  |  | B | 43,274,154 | 0.26\% |
|  |  | CCC-C | 295,447,988 | 1.79\% |
|  |  | D | 76,261,185 | 0.46\% |
|  |  | Unkn Rtg (Triparty) | 801,226,804 | 4.85\% |
|  | Corporates-Foreign | AAA | Page 115,03420153 | 0.10\% |
|  |  | AA | 26,760,587 | 0.16\% |
|  |  | A | 90,186,014 | 0.55\% |
|  |  | BBB | 148,319,047 | 0.90\% |
|  |  | RR | 253671156 | $154 \%$ |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Foreign (con't) | D | 3,299,610 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 189,076,394 | 1.14\% |
|  | Equity-Domestic | Equity | 1,119,490,451 | 6.78\% |
|  | Equity-Foreign | Equity | 3,393,998,426 | 20.55\% |
|  | Foreign Sovereigns-Domestic | AAA | 715,276 | 0.00\% |
|  |  | AA | 8,223,253 | 0.05\% |
|  |  | A | 27,182,552 | 0.16\% |
|  |  | BBB | 46,939,229 | 0.28\% |
|  |  | BB | 527,163,539 | 3.19\% |
|  |  | B | 146,155,361 | 0.88\% |
|  |  | CCC-C | 1,158,598 | 0.01\% |
|  |  | D | 9,533,122 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 3,566,759 | 0.02\% |
|  | Foreign Sovereigns-Foreign | AA | 178,558 | 0.00\% |
|  |  | A | 10,932,705 | 0.07\% |
|  |  | BBB | 92,963,574 | 0.56\% |
|  |  | BB | 21,831,861 | 0.13\% |
|  |  | B | 24,953,968 | 0.15\% |
|  |  | D | 2,147,157 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 4,195,754 | 0.03\% |
|  | MBS - Agency - CMO | Agency | 770 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 302,467,701 | 1.83\% |
|  |  | AA | 93,801,025 | 0.57\% |
|  |  | A | 15,767,302 | 0.10\% |
|  |  | BBB | 86,629,001 | 0.52\% |
|  |  | BB | 138,198,378 | 0.84\% |
|  |  | B | 317,788,788 | 1.92\% |
|  |  | CCC-C | 11,930,932 | 0.07\% |
|  |  | D | 1,065,495 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 16,142,736 | 0.10\% |
|  | Muni | B | 1,783,183 | 0.01\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 42,919,592 | 0.26\% |
|  | Other | BB | 4,480,000 | 0.03\% |
|  | Supranational | AAA | 1,146,285 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 28,383 | 0.00\% |
|  | Treasury | Treasury | 9,685,500 | 0.06\% |
|  | Dealer Total |  | 16,519,112,420 | 100.00\% |
| Mizuho | Corporates-Domestic | A | 190,889,995 | 89.43\% |
|  |  | BBB | 832,386 | 0.39\% |
|  |  | Unkn Rtg (Triparty) | 21,723,858 | 10.18\% |
|  | Dealer Total |  | 213,446,238 | 100.00\% |
| Morgan Stanley | ABS | AAA | 351,518,316 | 3.33\% |
|  |  | AA | 42,315,826 | 0.40\% |
|  |  | A | 31,651,175 | 0.30\% |
|  |  | BBB | 23,155,508 | 0.22\% |
|  |  | BB | 31,620,554 | 0.30\% |
|  |  | CCC-C | Page 16 6f 10.320 | 0.04\% |
|  |  | D | 3,170,126 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 36,010,938 | 0.34\% |
|  | Agency Debt | Agency | 9,459,832 | 0.09\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 27,869 | 0.00\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | CMBS | Unkn Rtg (Triparty) | 35,707,046 | 0.34\% |
|  | Convertible Bonds-Domestic | A | 49,746,672 | 0.47\% |
|  |  | BBB | 80,047,337 | 0.76\% |
|  |  | BB | 10,395,853 | 0.10\% |
|  |  | Unkn Rtg (Triparty) | 209,715,011 | 1.99\% |
|  | Convertible Bonds-Foreign | BBB | 24,499,677 | 0.23\% |
|  |  | BB | 4,316,704 | 0.04\% |
|  |  | B | 6,041,526 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 245,687,559 | 2.33\% |
|  | Corporates-Domestic | AAA | 56,996,574 | 0.54\% |
|  |  | AA | 141,430,423 | 1.34\% |
|  |  | A | 182,364,300 | 1.73\% |
|  |  | BBB | 221,251,335 | 2.09\% |
|  |  | BB | 119,871,578 | 1.13\% |
|  |  | B | 68,761,142 | 0.65\% |
|  |  | CCC-C | 40,459,746 | 0.38\% |
|  |  | D | 26,352,088 | 0.25\% |
|  |  | Unkn Rtg (Triparty) | 473,192,241 | 4.48\% |
|  | Corporates-Foreign | AAA | 18,868,449 | 0.18\% |
|  |  | AA | 39,595,945 | 0.37\% |
|  |  | A | 28,313,117 | 0.27\% |
|  |  | BBB | 84,782,743 | 0.80\% |
|  |  | BB | 166,506,813 | 1.58\% |
|  |  | B | 34,610,041 | 0.33\% |
|  |  | CCC-C | 18,057,997 | 0.17\% |
|  |  | D | 8,952,428 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 337,149,961 | 3.19\% |
|  | Equity-Domestic | Equity | 252,238,599 | 2.39\% |
|  | Equity-Foreign | Equity | 581,013,770 | 5.50\% |
|  | Foreign Sovereigns-Domestic | AAA | 650,380 | 0.01\% |
|  |  | AA | 4,677,550 | 0.04\% |
|  |  | A | 1,642,861 | 0.02\% |
|  |  | BBB | 683,711 | 0.01\% |
|  |  | BB | 53,658,778 | 0.51\% |
|  |  | B | 84,811,146 | 0.80\% |
|  |  | CCC-C | 14,729,783 | 0.14\% |
|  |  | D | 16,612,345 | 0.16\% |
|  |  | Unkn Rtg (Triparty) | 15,768,760 | 0.15\% |
|  | Foreign Sovereigns-Foreign | BBB | 733,008 | 0.01\% |
|  |  | BB | 317,706 | 0.00\% |
|  |  | B | 29,100,652 | 0.28\% |
|  |  | Unkn Rtg (Triparty) | 20,932,828 | 0.20\% |
|  | MBS - Agency - CMO | Agency | 1,633,847 | 0.02\% |
|  | MBS - Private (CMO) | AAA | 351,616,927 | 3.33\% |
|  |  | AA | 115,539,072 | 1.09\% |
|  |  | A | 37,008,332 | 0.35\% |
|  |  | BBB | 13,192,633 | 0.12\% |
|  |  | BB | 2,870,057 | 0.03\% |
|  |  | B | Page 1930d92,d96 | 0.03\% |
|  |  | CCC-C | 19,806 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 483,723 | 0.00\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Muni | AAA | 969,168,795 | 9.18\% |
|  |  | AA | 627,975,972 | 5.95\% |
|  |  | A | 794,702,330 | 7.52\% |
|  |  | BBB | 371,350,780 | 3.52\% |
|  |  | BB | 982,251 | 0.01\% |
|  |  | B | 90,899 | 0.00\% |
|  |  | CCC-C | 79,794,074 | 0.76\% |
|  |  | D | 6,498 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 135,934,849 | 1.29\% |
|  | Mutual Fund | AAA | 593,500,000 | 5.62\% |
|  |  | Unkn Rtg (Triparty) | 384,108,533 | 3.64\% |
|  | Supranational | AAA | 84,722,278 | 0.80\% |
|  | Treasury | Treasury | 1,105,258 | 0.01\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,647,804,814 | 15.60\% |
|  | Dealer Total |  | 10,561,892,266 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Friday, January 2
Timothy Geithner, Thomas Baxter, Terrence Checki,

| Anthony Magliato: William Rutledge, Christine Cumming, Susan <br> McLaughlin, William Walsh, Spence Hilton, Debby | $01 / 05 / 2009$ 03:47 PM |
| :---: | :---: | :---: |

## RESTRICTED FR

Highlights for Friday, January 2

- Total PDCF borrowing on the first business day of 2009 declined by $\$ 0.78$ billion to $\$ 36.62$ billion. All participants either remained steady or showed slight declines in borrowing through the facility.
- Merrill Lynch is the largest participant in the facility, borrowing $\$ 14.62$ billion against $\$ 15.93$ billion in collateral. Although the purchase of Merrill Lynch by Bank of America is now complete, each will continue to operate separate primary dealers for a period of time.
- Foreign denominated collateral currently accounts for $19.1 \%$ of the total collateral pledged by all participants. Merrill Lynch has $\$ 4.93$ billion of foreign denominated collateral while Morgan Stanley has $\$ 1.61$ billion and Citigroup has $\$ 1.36$ billion. Since December 1st, foreign denominated collateral has declined in dollar volume, but increased as a proportion of total collateral.

國<br>PDCF Charts and Tables • 20090102 .doc<br>Regards,<br>Tony<br>Anthony Maglia<br>Markets Group<br>Federal Reserve Bank of New York<br>212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Friday, January 02, 2009

## Highlights

- Total PDCF borrowing on the first business day of 2009 declined by $\$ 0.78$ billion to $\$ 36.62$ billion. All participants either remained steady or showed slight declines in borrowing through the facility.
- Merrill Lynch is the largest participant in the facility, borrowing $\$ 14.62$ billion against $\$ 15.93$ billion in collateral. Although the purchase of Merrill Lynch by Bank of America is now complete, each will continue to operate separate primary dealers for a period of time.
- Foreign denominated collateral currently accounts for $19.1 \%$ of the total collateral pledged by all participants. Merrill Lynch has $\$ 4.93$ billion of foreign denominated collateral while Morgan Stanley has $\$ 1.61$ billion and Citigroup has $\$ 1.36$ billion. Since December $1^{\text {st }}$ foreign denominated collateral has declined in dollar volume, but increased as a proportion of total collateral.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 1 / 0 2 / 2 0 0 9}$ | $\mathbf{1 2 / 3 1 / 2 0 0 8}$ | $\mathbf{1 2 / 3 0 / 2 0 0 8}$ | $\mathbf{1 2 / 2 9 / 2 0 0 8}$ | $\mathbf{1 2 / 2 6 / 2 0 0 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Citigroup | 13.59 | 13.80 | 14.65 | 16.45 | 15.77 |
| Merrill Lynch | 14.62 | 15.18 | 14.40 | 15.35 | 15.05 |
| Mizuho | 0.20 | 0.20 | 0.20 | 0.19 | 0.20 |
| Morgan Stanley | 8.21 | 8.22 | 8.22 | 8.08 | 7.72 |
| Total Borrowings | $\mathbf{3 6 . 6 2}$ | $\mathbf{3 7 . 4 0}$ | $\mathbf{3 7 . 4 6}$ | $\mathbf{4 0 . 0 7}$ | $\mathbf{3 8 . 7 4}$ |
|  |  |  |  |  |  |
| Total Collateral $^{*}$ | $\mathbf{4 1 . 3 9}$ | $\mathbf{4 2 . 2}$ | $\mathbf{4 2 . 2 2}$ | $\mathbf{4 5 . 0 5}$ | $\mathbf{4 3 . 5 9}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 3 . 0 3 \%}$ | $\mathbf{1 2 . 8 3 \%}$ | $\mathbf{1 2 . 7 1 \%}$ | $\mathbf{1 2 . 4 3 \%}$ | $\mathbf{1 2 . 5 2 \%}$ |

* Includes additional commercial loans in a Borrower-In-Custody arrangement. Further legal review of swap receivable collateral suggests that the Reserve Bank does not have a claim against swap receivables collateral unless the pledging dealer has explicitly borrowed against this collateral. As such, swap receivables collateral has been removed from the collateral totals in this report.


## RESTRICTED-FR

## PDCF Borrowing Trend


$\$ 0$
03/17/2008 04/11/2008 05/07/2008 06/03/2008 06/27/2008 07/24/2008 08/19/2008 09/15/2008 10/09/2008 11/05/2008 12/03/2008 12/30/200
Date

$$
\longrightarrow \text { Total Borrowing }- \text { Bear Stearns Borrowing } \longrightarrow \text { Other Borrowing } \longrightarrow \text { Total Collateral }
$$

## Composition of Collateral Pledged for January 02 Borrowings - in millions

[^41]| Rating $^{1}$ | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley $^{2}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Treasury | - | 9.8 | - | 1.1 | 11.0 |
| Agency | 36.9 | 10.7 | - | 8.7 | 56.3 |
| AAA | $2,689.2$ | $3,869.9$ | - | $2,381.8$ | $8,940.9$ |
| AA | 711.8 | 718.3 | - | 981.0 | $2,411.1$ |
| A | 800.4 | 541.3 | 189.7 | $1,144.9$ | $2,676.2$ |
| BBB | 404.0 | 739.4 | 1.1 | 807.9 | $1,952.5$ |
| BB | 774.1 | $1,107.6$ | - | 389.8 | $2,271.5$ |
| B | $1,223.3$ | 795.3 | - | 252.0 | $2,270.7$ |
| CCC-C | 987.3 | 722.7 | - | 156.9 | $1,866.9$ |
| D | 63.4 | 261.2 | - | 74.0 | 398.5 |
| A-1 | - | - | - | - | - |
| A-2 | - | - | - | - | - |
| A-3 | - | - | - | - | - |
| NP | - | - | - | - | - |
| Equity | $4,763.5$ | $4,680.8$ | - | 897.5 | $10,341.8$ |
| Unkn Rtg (Triparty) | $2,258.5$ | $\mathbf{2 , 4 7 2 . 5}$ | 21.6 | $\mathbf{1 , 7 9 7 . 0}$ | $6,549.6$ |
| Unkn Rtg (non-Triparty) | - | - | - | $1,647.8$ | $1,647.8$ |
| Total Collateral | $\mathbf{1 4 , 7 1 2 . 3}$ | $\mathbf{1 5 , 9 2 9 . 6}$ | $\mathbf{2 1 2 . 4}$ | $\mathbf{1 0 , 5 4 0 . 5}$ | $\mathbf{4 1 , 3 9 4 . 8}$ |
| Total Borrowings | $\mathbf{1 3 , 5 8 9 . 0}$ | $\mathbf{1 4 , 6 2 1 . 0}$ | $\mathbf{1 9 8 . 5}$ | $\mathbf{8 , 2 0 8 . 6}$ | $\mathbf{3 6 , 6 1 7 . 1}$ |
| Collateral Cushion | $\mathbf{8 . 2 7 \%}$ | $\mathbf{8 . 9 5 \%}$ | $\mathbf{7 . 0 0 \%}$ | $\mathbf{2 8 . 4 1 \%}$ | $\mathbf{1 3 . 0 5 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $10,952,775$ | $0.03 \%$ |
| Agency | $56,272,335$ | $0.14 \%$ |
| AAA | $8,940,916,287$ | $21.60 \%$ |
| AA | $2,411,090,901$ | $5.82 \%$ |
| A | $2,676,235,572$ | $6.47 \%$ |
| BBB | $1,952,475,545$ | $4.72 \%$ |
| BB | $2,271,465,653$ | $5.49 \%$ |
| B | $2,270,660,510$ | $5.49 \%$ |
| CCC-C | $1,866,902,433$ | $4.51 \%$ |
| D | $398,525,877$ | $0.96 \%$ |
| Equity | $10,341,826,479$ | $24.98 \%$ |
| Unkn Rtg (Triparty) | $6,549,645,118$ | $15.82 \%$ |
| Unkn Rtg (non-Triparty) | $1,647,804,814$ | $3.98 \%$ |
| Total | $41,394,774,299$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $3,676,020,735$ | $8.88 \%$ |
| Agency Debt | $54,636,467$ | $0.13 \%$ |
| Auction Rate | $3,678,174,151$ | $8.89 \%$ |
| CDs-CP-BAs | 27,549 | $0.00 \%$ |
| CMBS | $311,702,437$ | $0.75 \%$ |
| Convertible Bonds-Domestic | $1,553,812,131$ | $3.75 \%$ |
| Convertible Bonds-Foreign | $1,107,278,927$ | $2.67 \%$ |
| Corporates-Domestic | $4,637,316,294$ | $11.20 \%$ |
| Corporates-Foreign | $1,991,830,289$ | $4.81 \%$ |
| Equity-Domestic | $5,757,286,640$ | $13.91 \%$ |
| Equity-Foreign | $4,584,539,839$ | $11.08 \%$ |
| Foreign Sovereigns-Domestic | $875,023,959$ | $2.11 \%$ |
| Foreign Sovereigns-Foreign | $217,083,741$ | $0.52 \%$ |
| MBS - Agency - CMO | $1,635,868$ | $0.00 \%$ |
| MBS - Private (CMO) | $3,370,523,538$ | $8.14 \%$ |
| Muni | $4,468,208,212$ | $10.79 \%$ |
| Mutual Fund | $3,407,480,527$ | $8.23 \%$ |
| Supranational | $43,435,406$ | $0.10 \%$ |
| Treasury | $10,952,775$ | $0.03 \%$ |
| Whole Loans - DW | $1,647,804,814$ | $3.98 \%$ |
| Total | $41,394,774,299$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 76,189,527 | 0.52\% |
|  |  | AA | 391,596 | 0.00\% |
|  |  | A | 210,835,663 | 1.43\% |
|  |  | BBB | 129,379,968 | 0.88\% |
|  |  | BB | 162,091,022 | 1.10\% |
|  |  | B | 236,504,406 | 1.61\% |
|  |  | CCC-C | 104,784,009 | 0.71\% |
|  |  | D | 50,765,332 | 0.35\% |
|  |  | Unkn Rtg (Triparty) | 317,313,156 | 2.16\% |
|  | Agency Debt | Agency | 36,874,316 | 0.25\% |
|  | CMBS | Unkn Rtg (Triparty) | 228,683,930 | 1.55\% |
|  | Convertible Bonds-Domestic | BBB | 2,385,964 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 282,712,703 | 1.92\% |
|  | Convertible Bonds-Foreign | A | 57,870,242 | 0.39\% |
|  |  | BB | 1,606,856 | 0.01\% |
|  |  | B | 40,713,061 | 0.28\% |
|  |  | Unkn Rtg (Triparty) | 451,669,532 | 3.07\% |
|  | Corporates-Domestic | AAA | 8,049,033 | 0.05\% |
|  |  | AA | 24,875 | 0.00\% |
|  |  | A | 179,070,975 | 1.22\% |
|  |  | BBB | 13,604,999 | 0.09\% |
|  |  | BB | 269,846,221 | 1.83\% |
|  |  | B | 42,500,483 | 0.29\% |
|  |  | CCC-C | 835,108,168 | 5.68\% |
|  |  | D | 12,560,556 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 215,277,637 | 1.46\% |
|  | Corporates-Foreign | BBB | 4,174,547 | 0.03\% |
|  |  | BB | 61,954,136 | 0.42\% |
|  |  | B | 4,390,548 | 0.03\% |
|  |  | CCC-C | 13,161,959 | 0.09\% |
|  |  | D | 22,241 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 84,805,047 | 0.58\% |
|  | Equity-Domestic | Equity | 4,136,387,789 | 28.12\% |
|  | Equity-Foreign | Equity | 627,109,281 | 4.26\% |
|  | Foreign Sovereigns-Domestic | BBB | 19,095,838 | 0.13\% |
|  |  | BB | 8,324,887 | 0.06\% |
|  |  | B | 30,399,652 | 0.21\% |
|  |  | CCC-C | 8,867,196 | 0.06\% |
|  | Foreign Sovereigns-Foreign | BBB | 11,303,648 | 0.08\% |
|  |  | BB | 4,283,307 | 0.03\% |
|  | MBS - Private (CMO) | AAA | 322,042,075 | 2.19\% |
|  |  | AA | 59,539,079 | 0.40\% |
|  |  | A | Paged, 506,741 | 0.81\% |
|  |  | BBB | 70,015,897 | 0.48\% |
|  |  | BB | 263,708,634 | 1.79\% |
|  |  | B | 868,253,253 | 5.90\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Muni (con't) | A | 233,089,593 | 1.58\% |
|  |  | BBB | 154,026,986 | 1.05\% |
|  |  | BB | 2,238,442 | 0.02\% |
|  |  | B | 556,628 | 0.00\% |
|  |  | CCC-C | 89,969 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 109,963,184 | 0.75\% |
|  | Mutual Fund | AAA | 1,949,675,000 | 13.25\% |
|  |  | Unkn Rtg (Triparty) | 439,518,612 | 2.99\% |
|  | Dealer Total |  | 14,712,274,300 | 100.00\% |
| Merrill Lynch | ABS | AAA | 477,111,334 | 3.00\% |
|  |  | AA | 66,133,713 | 0.42\% |
|  |  | A | 216,371,127 | 1.36\% |
|  |  | BBB | 118,344,654 | 0.74\% |
|  |  | BB | 166,749,679 | 1.05\% |
|  |  | B | 182,931,489 | 1.15\% |
|  |  | CCC-C | 250,518,595 | 1.57\% |
|  |  | D | 171,453,017 | 1.08\% |
|  |  | Unkn Rtg (Triparty) | 208,486,705 | 1.31\% |
|  | Agency Debt | Agency | 10,687,982 | 0.07\% |
|  | Auction Rate | AAA | 2,966,971,009 | 18.63\% |
|  |  | AA | 156,353,302 | 0.98\% |
|  |  | A | 103,344,302 | 0.65\% |
|  |  | BBB | 171,641,465 | 1.08\% |
|  |  | BB | 28,115,600 | 0.18\% |
|  |  | CCC-C | 46,961,310 | 0.29\% |
|  |  | Unkn Rtg (Triparty) | 204,787,165 | 1.29\% |
|  | CMBS | Unkn Rtg (Triparty) | 47,027,354 | 0.30\% |
|  | Convertible Bonds-Domestic | A | 13,875,617 | 0.09\% |
|  |  | BBB | 5,386,863 | 0.03\% |
|  |  | BB | 22,168,508 | 0.14\% |
|  |  | B | 26,352,007 | 0.17\% |
|  |  | CCC-C | 55,788,763 | 0.35\% |
|  |  | D | 2,725 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 761,799,369 | 4.78\% |
|  | Convertible Bonds-Foreign | A | 14,794,138 | 0.09\% |
|  |  | BB | 79,356,024 | 0.50\% |
|  |  | B | 2,510,874 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 198,415,918 | 1.25\% |
|  | Corporates-Domestic | AAA | 89,489,415 | 0.56\% |
|  |  | AA | 15,734,853 | 0.10\% |
|  |  | A | 50,938,999 | 0.32\% |
|  |  | BBB | 76,370,653 | 0.48\% |
|  |  | BB | 53,197,974 | 0.33\% |
|  |  | B | 45,290,727 | 0.28\% |
|  |  | CCC-C | Page 332, 27173180 | 2.09\% |
|  |  | D | 74,288,315 | 0.47\% |
|  |  | Unkn Rtg (Triparty) | 800,649,403 | 5.03\% |
|  | Corporates-Foreign | AAA | 15,799,410 | 0.10\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Foreign (con't) | BB | 251,603,670 | 1.58\% |
|  |  | B | 28,047,768 | 0.18\% |
|  |  | CCC-C | 22,782,759 | 0.14\% |
|  |  | D | 2,988,079 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 184,570,946 | 1.16\% |
|  | Equity-Domestic | Equity | 1,319,602,753 | 8.28\% |
|  | Equity-Foreign | Equity | 3,361,240,243 | 21.10\% |
|  | Foreign Sovereigns-Domestic | AAA | 715,298 | 0.00\% |
|  |  | AA | 8,036,354 | 0.05\% |
|  |  | A | 26,906,335 | 0.17\% |
|  |  | BBB | 47,103,517 | 0.30\% |
|  |  | BB | 347,678,409 | 2.18\% |
|  |  | B | 168,194,666 | 1.06\% |
|  |  | CCC-C | 2,698,985 | 0.02\% |
|  |  | D | 9,318,079 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 3,533,354 | 0.02\% |
|  | Foreign Sovereigns-Foreign | AA | 17,222,688 | 0.11\% |
|  |  | A | 10,747,601 | 0.07\% |
|  |  | BBB | 91,981,286 | 0.58\% |
|  |  | BB | 21,315,924 | 0.13\% |
|  |  | B | 24,647,555 | 0.15\% |
|  |  | D | 2,116,848 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 4,125,374 | 0.03\% |
|  | MBS - Agency - CMO | Agency | 897 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 318,688,764 | 2.00\% |
|  |  | AA | 94,369,771 | 0.59\% |
|  |  | A | 15,632,355 | 0.10\% |
|  |  | BBB | 84,683,673 | 0.53\% |
|  |  | BB | 137,389,435 | 0.86\% |
|  |  | B | 315,586,029 | 1.98\% |
|  |  | CCC-C | 11,710,923 | 0.07\% |
|  |  | D | 1,028,503 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 16,131,557 | 0.10\% |
|  | Muni | B | 1,753,592 | 0.01\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 42,958,184 | 0.27\% |
|  | Supranational | AAA | 1,124,631 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 27,978 | 0.00\% |
|  | Treasury | Treasury | 9,849,475 | 0.06\% |
|  | Dealer Total |  | 15,929,605,703 | 100.00\% |
| Mizuho | Corporates-Domestic | A | 189,673,055 | 89.29\% |
|  |  | BBB | 1,113,290 | 0.52\% |
|  |  | Unkn Rtg (Triparty) | 21,630,224 | 10.18\% |
|  | Dealer Total |  | 212,416,569 | 100.00\% |
| Morgan Stanley | ABS | AAA | 348,180,633 | 3.30\% |
|  |  | AA | 42,019,462 | 0.40\% |
|  |  | A | 31,746,372 | 0.30\% |
|  |  | BBB | Page 162992,240 | 0.22\% |
|  |  | BB | 36,135,315 | 0.34\% |
|  |  | CCC-C | 4,410,808 | 0.04\% |
|  |  | D | 3,177,413 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 41,003,500 | 0.39\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Agency Debt | Agency | 7,074,170 | 0.07\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 27,549 | 0.00\% |
|  | CMBS | Unkn Rtg (Triparty) | 35,991,153 | 0.34\% |
|  | Convertible Bonds-Domestic | AA | 13,899,976 | 0.13\% |
|  |  | A | 64,300,679 | 0.61\% |
|  |  | BBB | 82,634,905 | 0.78\% |
|  |  | BB | 10,279,956 | 0.10\% |
|  |  | B | 14,150,417 | 0.13\% |
|  |  | Unkn Rtg (Triparty) | 198,073,680 | 1.88\% |
|  | Convertible Bonds-Foreign | BBB | 24,574,264 | 0.23\% |
|  |  | BB | 4,297,590 | 0.04\% |
|  |  | B | 6,068,489 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 225,401,941 | 2.14\% |
|  | Corporates-Domestic | AAA | 56,575,221 | 0.54\% |
|  |  | AA | 143,600,852 | 1.36\% |
|  |  | A | 182,696,876 | 1.73\% |
|  |  | BBB | 219,460,770 | 2.08\% |
|  |  | BB | 120,133,471 | 1.14\% |
|  |  | B | 76,709,024 | 0.73\% |
|  |  | CCC-C | 39,942,542 | 0.38\% |
|  |  | D | 26,496,299 | 0.25\% |
|  |  | Unkn Rtg (Triparty) | 445,004,006 | 4.22\% |
|  | Corporates-Foreign | AAA | 19,099,692 | 0.18\% |
|  |  | AA | 42,028,729 | 0.40\% |
|  |  | A | 26,643,235 | 0.25\% |
|  |  | BBB | 70,079,346 | 0.66\% |
|  |  | BB | 160,894,874 | 1.53\% |
|  |  | B | 36,634,360 | 0.35\% |
|  |  | CCC-C | 18,013,818 | 0.17\% |
|  |  | D | 26,156,506 | 0.25\% |
|  |  | Unkn Rtg (Triparty) | 324,964,906 | 3.08\% |
|  | Equity-Domestic | Equity | 301,296,099 | 2.86\% |
|  | Equity-Foreign | Equity | 596,190,315 | 5.66\% |
|  | Foreign Sovereigns-Domestic | AAA | 653,319 | 0.01\% |
|  |  | AA | 4,679,818 | 0.04\% |
|  |  | A | 1,747,188 | 0.02\% |
|  |  | BBB | 683,996 | 0.01\% |
|  |  | BB | 53,947,223 | 0.51\% |
|  |  | B | 85,698,068 | 0.81\% |
|  |  | CCC-C | 14,687,901 | 0.14\% |
|  |  | D | 18,121,312 | 0.17\% |
|  |  | Unkn Rtg (Triparty) | 13,932,565 | 0.13\% |
|  | Foreign Sovereigns-Foreign | BBB | 720,512 | 0.01\% |
|  |  | BB | 305,915 | 0.00\% |
|  |  | B | 28,048,598 | 0.27\% |
|  |  | Unkn Rtg (Triparty) | 264,484 | 0.00\% |
|  | MBS - Agency - CMO | Agency | 1,634,971 | 0.02\% |
|  | MBS - Private (CMO) | AAA | 349,957,167 | 3.32\% |
|  |  | AA | Page 1\$90,112,d52 | 1.04\% |
|  |  | A | 36,576,324 | 0.35\% |
|  |  | BBB | 14,166,166 | 0.13\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral |  | Rating | Dollar Value |
| :--- | :--- | :--- | ---: | ---: |
| Morgan Stanley (con't) | MBS - Private (CMO) (con't) | BB | $2,860,872$ | $0.03 \%$ |
|  | B | $4,630,225$ | $0.04 \%$ |  |
|  | CCC-C | 19,870 | $0.00 \%$ |  |
|  | Unkn Rtg (Triparty) | 473,450 | $0.00 \%$ |  |
|  | AAA | $970,970,618$ | $9.21 \%$ |  |
|  | AA | $625,070,053$ | $5.93 \%$ |  |
|  | A | $801,223,112$ | $7.60 \%$ |  |
|  | BBB | $372,619,354$ | $3.54 \%$ |  |
|  | BB | 981,709 | $0.01 \%$ |  |
|  | B | 88,594 | $0.00 \%$ |  |
|  | CCC-C | $79,794,159$ | $0.76 \%$ |  |
|  | D | 6,500 | $0.00 \%$ |  |
|  | Unkn Rtg (Triparty) | $130,614,539$ | $1.24 \%$ |  |
|  | AAA | $594,050,000$ | $5.64 \%$ |  |
|  | Unkn Rtg (Triparty) | $381,278,731$ | $3.62 \%$ |  |
|  | AAA | $42,282,796$ | $0.40 \%$ |  |
|  | Mutual Fund | Unkn Rtg (non-Triparty) | $1,647,103,304,814$ | $0.01 \%$ |
|  |  | $10,540,477,726$ | $100.00 \%$ |  |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF collateral report for Thursday , January 8 

Timothy Geithner, Thomas Baxter, Terrence Checki,
$\begin{array}{ll}\text { Anthony Maglia } & \text { to: William Rutledge, Christine Cumming, Susan } \\ & \text { McLaughlin, William Walsh, Spence Hilton, Debby }\end{array}$

## RESTRICTED FR

Highlights for Thursday, January 8

- On Thursday, total PDCF borrowing rose by $\$ 0.14$ billion to $\$ 34.47$ billion. Citigroup increased borrowing by $\$ 0.59$ billion while all other participants decreased borrowing. Mizuho's borrowing continued to decline and is now only $\$ 30$ million.
- Citigroup remains the largest participant with $\$ 14.96$ billion of collateral pledged against $\$ 13.86$ billion of borrowing. Of Citigroup's currently pledged collateral, $67.3 \%$ is eligible due to the expanded collateral schedule which took effect on September 15th and $3.6 \%$ is eligible due to the special eligibility accommodation made for Citigroup on November 23rd. The remaining 29.2\% of collateral would have been eligible since the start of the facility.
- Goldman Sachs, Merrill Lynch, Morgan Stanley, and Citigroup are permitted to pledge foreign denominated securities as collateral against PDCF borrowing. Foreign denominated collateral currently accounts for $7.45 \%$ of the total collateral pledged across all participants. Morgan Stanley has $\$ 1.39$ billion of foreign denominated collateral while Merrill Lynch has $\$ 0.97$ billion and Citigroup has $\$ 0.53$ billion. Goldman Sachs has not borrowed through the program since November 26th.

Regards, Tony

Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Thursday, January 08, 2009

## Highlights

- On Thursday, total PDCF borrowing rose by $\$ 0.14$ billion to $\$ 34.47$ billion. Citigroup increased borrowing by $\$ 0.59$ billion while all other participants decreased borrowing. Mizuho's borrowing continued to decline and is now only $\$ 30$ million.
- Citigroup remains the largest participant with $\$ 14.96$ billion of collateral pledged against $\$ 13.86$ billion of borrowing. Of Citigroup's currently pledged collateral, $67.3 \%$ is eligible due to the expanded collateral schedule which took effect on September $15^{\text {th }}$ and $3.6 \%$ is eligible due to the special eligibility accommodation made for Citigroup on November 23rd. The remaining $29.2 \%$ of collateral would have been eligible since the start of the facility.
- Goldman Sachs, Merrill Lynch, Morgan Stanley, and Citigroup are permitted to pledge foreign denominated securities as collateral against PDCF borrowing. Foreign denominated collateral currently accounts for $7.45 \%$ of the total collateral pledged across all participants. Morgan Stanley has $\$ 1.39$ billion of foreign denominated collateral while Merrill Lynch has $\$ 0.97$ billion and Citigroup has $\$ 0.53$ billion. Goldman Sachs has not borrowed through the program since November $26^{\text {th }}$.

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 1 / 0 8 / 2 0 0 9}$ | $\mathbf{0 1 / 0 7 / 2 0 0 9}$ | $\mathbf{0 1 / 0 6 / 2 0 0 9}$ | $\mathbf{0 1 / 0 5 / 2 0 0 9}$ | $\mathbf{0 1 / 0 2 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Citigroup | 13.86 | 13.27 | 13.00 | 12.94 | 13.59 |
| Merrill Lynch | 12.70 | 12.90 | 12.92 | 15.18 | 14.62 |
| Mizuho | 0.03 | 0.05 | 0.06 | 0.06 | 0.20 |
| Morgan Stanley | 7.88 | 8.10 | 8.16 | 7.94 | 8.21 |
| Total Borrowings | $\mathbf{3 4 . 4 7}$ | $\mathbf{3 4 . 3 3}$ | $\mathbf{3 4 . 1 3}$ | $\mathbf{3 6 . 1 3}$ | $\mathbf{3 6 . 6 2}$ |
|  |  |  |  |  |  |
| Total Collateral $^{*}$ | $\mathbf{3 8 . 8 9}$ | $\mathbf{3 8 . 7 5}$ | $\mathbf{3 8 . 5 6}$ | $\mathbf{4 0 . 7 8}$ | $\mathbf{4 1 . 3 9}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 2 . 8 2 \%}$ | $\mathbf{1 2 . 8 8 \%}$ | $\mathbf{1 2 . 9 8 \%}$ | $\mathbf{1 2 . 8 7 \%}$ | $\mathbf{1 3 . 0 3 \%}$ |

## RESTRICTED-FR

* Includes additional commercial loans in a Borrower-In-Custody arrangement. Further legal review of swap receivable collateral suggests that the Reserve Bank does not have a claim against swap receivables collateral unless the pledging dealer has explicitly borrowed against this collateral. As such, swap receivables collateral has been removed from the collateral totals in this report.


## PDCF Borrowing Trend



## Composition of Collateral Pledged for January 08 Borrowings - in millions

[^42]| Rating $^{1}$ | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley $^{2}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Treasury | 130.1 | 9.9 | - | 1.1 | 141.1 |
| Agency | 58.7 | 15.7 | - | 1.6 | 76.1 |
| AAA | $2,600.6$ | $5,785.2$ | - | $2,347.1$ | $10,732.9$ |
| AA | 571.8 | 337.9 | 8.8 | 975.7 | $1,894.2$ |
| A | 712.0 | 508.6 | - | $1,212.2$ | $2,432.7$ |
| BBB | 307.5 | 847.8 | 4.4 | 682.7 | $1,842.4$ |
| BB | 513.7 | $1,010.2$ | - | 377.4 | $1,901.4$ |
| B | $1,190.5$ | 800.1 | - | 229.8 | $2,220.3$ |
| CCC-C | $1,368.6$ | 737.7 | - | 157.3 | $2,263.6$ |
| D | 120.6 | 246.8 | - | 62.7 | 430.1 |
| A-1 | - | - | - | - | - |
| A-2 | - | - | - | - | - |
| A-3 | - | - | - | - | - |
| NP | - | - | - | - | - |
| Equity | $4,627.8$ | $1,171.1$ | - | 912.9 | $6,711.8$ |
| Unkn Rtg (Triparty) | $2,756.8$ | $2,250.7$ | 19.0 | $1,569.4$ | $6,595.9$ |
| Unkn Rtg (non-Triparty) | - | - | - | $1,647.8$ | $1,647.8$ |
| Total Collateral | $\mathbf{1 4 , 9 5 8 . 7}$ | $\mathbf{1 3 , 7 2 1 . 7}$ | $\mathbf{3 2 . 3}$ | $\mathbf{1 0 , 1 7 7 . 7}$ | $\mathbf{3 8 , 8 9 0 . 4}$ |
| Total Borrowings | $\mathbf{1 3 , 8 6 3 . 0}$ | $\mathbf{1 2 , 6 9 8 . 0}$ | $\mathbf{3 0 . 2}$ | $\mathbf{7 , 8 8 1 . 3}$ | $\mathbf{3 4 , 4 7 2 . 4}$ |
| Collateral Cushion | $\mathbf{7 . 9 0 \%}$ | $\mathbf{8 . 0 6 \%}$ | $\mathbf{7 . 1 3 \%}$ | $\mathbf{2 9 . 1 4 \%}$ | $\mathbf{1 2 . 8 2 \%}$ |

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Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $141,099,225$ | $0.36 \%$ |
| Agency | $76,101,732$ | $0.20 \%$ |
| AAA | $10,732,875,258$ | $27.60 \%$ |
| AA | $1,894,182,491$ | $4.87 \%$ |
| A | $2,432,682,559$ | $6.26 \%$ |
| BBB | $1,842,393,309$ | $4.74 \%$ |
| BB | $1,901,390,521$ | $4.89 \%$ |
| B | $2,220,344,608$ | $5.71 \%$ |
| CCC-C | $2,263,573,874$ | $5.82 \%$ |
| D | $430,148,856$ | $1.11 \%$ |
| Equity | $6,711,849,833$ | $17.26 \%$ |
| Unkn Rtg (Triparty) | $6,595,935,571$ | $16.96 \%$ |
| Unkn Rtg (non-Triparty) | $1,647,804,814$ | $4.24 \%$ |
| Total | $38,890,382,652$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $3,166,921,571$ | $8.14 \%$ |
| Agency Debt | $74,463,017$ | $0.19 \%$ |
| Auction Rate | $5,947,757,233$ | $15.29 \%$ |
| CDs-CP-BAs | 26,484 | $0.00 \%$ |
| CMBS | $346,486,271$ | $0.89 \%$ |
| Convertible Bonds-Domestic | $2,463,276,526$ | $6.33 \%$ |
| Convertible Bonds-Foreign | $330,550,524$ | $0.85 \%$ |
| Corporates-Domestic | $4,909,317,385$ | $12.62 \%$ |
| Corporates-Foreign | $1,583,131,608$ | $4.07 \%$ |
| Equity-Domestic | $5,906,048,012$ | $15.19 \%$ |
| Equity-Foreign | $805,801,821$ | $2.07 \%$ |
| Foreign Sovereigns-Domestic | $702,251,091$ | $1.81 \%$ |
| Foreign Sovereigns-Foreign | $178,973,917$ | $0.46 \%$ |
| MBS - Agency -CMO | $1,638,715$ | $0.00 \%$ |
| MBS - Private $(C M O)$ | $3,290,330,847$ | $8.46 \%$ |
| Muni | $4,192,745,234$ | $10.78 \%$ |
| Mutual Fund | $3,187,107,588$ | $8.20 \%$ |
| Supranational | $14,650,769$ | $0.04 \%$ |
| Treasury | $141,099,225$ | $0.36 \%$ |
| Whole Loans - DW | $1,647,804,814$ | $4.24 \%$ |
| Total | $38,890,382,652$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 75,928,392 | 0.51\% |
|  |  | AA | 90,674 | 0.00\% |
|  |  | A | 197,440,983 | 1.32\% |
|  |  | BBB | 105,877,007 | 0.71\% |
|  |  | BB | 161,499,798 | 1.08\% |
|  |  | B | 264,099,699 | 1.77\% |
|  |  | CCC-C | 127,070,233 | 0.85\% |
|  |  | D | 86,774,696 | 0.58\% |
|  |  | Unkn Rtg (Triparty) | 175,918,556 | 1.18\% |
|  | Agency Debt | Agency | 58,748,970 | 0.39\% |
|  | CMBS | Unkn Rtg (Triparty) | 301,267,088 | 2.01\% |
|  | Convertible Bonds-Domestic | BB | 38,603,895 | 0.26\% |
|  |  | B | 11,536,650 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 1,216,610,372 | 8.13\% |
|  | Convertible Bonds-Foreign | BB | 4,625,330 | 0.03\% |
|  |  | B | 2,187,592 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 172,879,728 | 1.16\% |
|  | Corporates-Domestic | AAA | 13,555,816 | 0.09\% |
|  |  | AA | 4,960,936 | 0.03\% |
|  |  | A | 184,383,638 | 1.23\% |
|  |  | BBB | 5,000,510 | 0.03\% |
|  |  | B | 9,651,936 | 0.06\% |
|  |  | CCC-C | 1,191,353,959 | 7.96\% |
|  |  | D | 33,820,032 | 0.23\% |
|  |  | Unkn Rtg (Triparty) | 348,666,850 | 2.33\% |
|  | Corporates-Foreign | BBB | 7,529,652 | 0.05\% |
|  |  | CCC-C | 11,717,857 | 0.08\% |
|  |  | D | 23,201 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 44,225,311 | 0.30\% |
|  | Equity-Domestic | Equity | 4,350,066,795 | 29.08\% |
|  | Equity-Foreign | Equity | 277,707,069 | 1.86\% |
|  | Foreign Sovereigns-Domestic | BB | 8,342,008 | 0.06\% |
|  |  | B | 30,151,540 | 0.20\% |
|  |  | CCC-C | 7,072,519 | 0.05\% |
|  | Foreign Sovereigns-Foreign | BBB | 11,062,720 | 0.07\% |
|  |  | BB | 2,359,873 | 0.02\% |
|  | MBS - Private (CMO) | AAA | 327,408,352 | 2.19\% |
|  |  | AA | 45,943,861 | 0.31\% |
|  |  | A | 103,076,898 | 0.69\% |
|  |  | BBB | 35,049,604 | 0.23\% |
|  |  | BB | 296,320,249 | 1.98\% |
|  |  | B | 872,707,311 | 5.83\% |
|  |  | CCC-C | Page1,666,674 | 0.21\% |
|  |  | D | 22,859 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 79,399,276 | 0.53\% |
|  | Muni | AAA | 274,612,686 | 1.84\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Muni (con't) | CCC-C | 90,013 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 83,363,184 | 0.56\% |
|  | Mutual Fund | AAA | 1,908,825,000 | 12.76\% |
|  |  | Unkn Rtg (Triparty) | 334,460,061 | 2.24\% |
|  | Supranational | AAA | 251,028 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 27,188 | 0.00\% |
|  | Treasury | Treasury | 130,121,555 | 0.87\% |
|  | Dealer Total |  | 14,958,685,323 | 100.00\% |
| Merrill Lynch | ABS | AAA | 199,902,149 | 1.46\% |
|  |  | AA | 60,725,435 | 0.44\% |
|  |  | A | 111,087,652 | 0.81\% |
|  |  | BBB | 110,295,348 | 0.80\% |
|  |  | BB | 164,225,882 | 1.20\% |
|  |  | B | 179,701,353 | 1.31\% |
|  |  | CCC-C | 252,342,075 | 1.84\% |
|  |  | D | 162,120,923 | 1.18\% |
|  |  | Unkn Rtg (Triparty) | 206,054,902 | 1.50\% |
|  | Agency Debt | Agency | 15,714,047 | 0.11\% |
|  | Auction Rate | AAA | 5,183,687,952 | 37.78\% |
|  |  | AA | 157,496,984 | 1.15\% |
|  |  | A | 103,293,460 | 0.75\% |
|  |  | BBB | 172,089,709 | 1.25\% |
|  |  | BB | 28,132,138 | 0.21\% |
|  |  | CCC-C | 46,753,258 | 0.34\% |
|  |  | D | 245,564 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 256,058,168 | 1.87\% |
|  | CMBS | Unkn Rtg (Triparty) | 629,301 | 0.00\% |
|  | Convertible Bonds-Domestic | BBB | 96,478,283 | 0.70\% |
|  |  | BB | 30,018,269 | 0.22\% |
|  |  | B | 97,605,546 | 0.71\% |
|  |  | CCC-C | 57,732,606 | 0.42\% |
|  |  | D | 5,856 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 711,274,215 | 5.18\% |
|  | Convertible Bonds-Foreign | Unkn Rtg (Triparty) | 63,985,751 | 0.47\% |
|  | Corporates-Domestic | AAA | 89,602,253 | 0.65\% |
|  |  | AA | 10,798,703 | 0.08\% |
|  |  | A | 185,457,337 | 1.35\% |
|  |  | BBB | 133,223,536 | 0.97\% |
|  |  | BB | 96,045,288 | 0.70\% |
|  |  | B | 56,296,070 | 0.41\% |
|  |  | CCC-C | 345,509,324 | 2.52\% |
|  |  | D | 73,402,568 | 0.53\% |
|  |  | Unkn Rtg (Triparty) | 782,784,234 | 5.70\% |
|  | Corporates-Foreign | AAA | 2,997,068 | 0.02\% |
|  |  | AA | Page 13,0422504 | 0.05\% |
|  |  | A | 69,586,109 | 0.51\% |
|  |  | BBB | 117,047,397 | 0.85\% |
|  |  | BB | 249,886,605 | 1.82\% |
|  |  | R | 27574144 | $020 \%$ |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Foreign (con't) | Unkn Rtg (Triparty) | 207,236,883 | 1.51\% |
|  | Equity-Domestic | Equity | 1,107,112,928 | 8.07\% |
|  | Equity-Foreign | Equity | 64,036,141 | 0.47\% |
|  | Foreign Sovereigns-Domestic | AAA | 758,381 | 0.01\% |
|  |  | AA | 8,202,805 | 0.06\% |
|  |  | A | 23,643,891 | 0.17\% |
|  |  | BBB | 47,353,384 | 0.35\% |
|  |  | BB | 285,793,239 | 2.08\% |
|  |  | B | 81,010,140 | 0.59\% |
|  |  | CCC-C | 1,171,228 | 0.01\% |
|  |  | D | 6,169,713 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 3,200,619 | 0.02\% |
|  | Foreign Sovereigns-Foreign | BBB | 88,610,717 | 0.65\% |
|  |  | BB | 21,434,809 | 0.16\% |
|  |  | B | 23,321,970 | 0.17\% |
|  |  | D | 687,866 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 3,272,821 | 0.02\% |
|  | MBS - Agency - CMO | Agency | 4,045 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 307,013,893 | 2.24\% |
|  |  | AA | 94,060,806 | 0.69\% |
|  |  | A | 15,497,884 | 0.11\% |
|  |  | BBB | 82,728,266 | 0.60\% |
|  |  | BB | 134,704,205 | 0.98\% |
|  |  | B | 333,055,830 | 2.43\% |
|  |  | CCC-C | 11,542,601 | 0.08\% |
|  |  | D | 1,026,722 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 16,194,790 | 0.12\% |
|  | Muni | B | 1,503,259 | 0.01\% |
|  | Supranational | AAA | 1,198,089 | 0.01\% |
|  | Treasury | Treasury | 9,867,413 | 0.07\% |
|  | Dealer Total |  | 13,721,712,750 | 100.00\% |
| Mizuho | Corporates-Domestic | AA | 8,799,025 | 27.28\% |
|  |  | BBB | 4,411,917 | 13.68\% |
|  |  | Unkn Rtg (Triparty) | 19,044,650 | 59.04\% |
|  | Dealer Total |  | 32,255,592 | 100.00\% |
| Morgan Stanley | ABS | AAA | 348,033,013 | 3.42\% |
|  |  | AA | 40,045,376 | 0.39\% |
|  |  | A | 35,203,955 | 0.35\% |
|  |  | BBB | 23,928,138 | 0.24\% |
|  |  | BB | 35,081,691 | 0.34\% |
|  |  | CCC-C | 4,469,125 | 0.04\% |
|  |  | D | 2,746,375 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 36,258,141 | 0.36\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 26,484 | 0.00\% |
|  | CMBS | Unkn Rtg (Triparty) | 44,589,883 | 0.44\% |
|  | Convertible Bonds-Domestic | A | 6,278,458 | 0.06\% |
|  |  | BBB | Page 1668988,635 | 0.68\% |
|  |  | B | 1,860,750 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 126,287,991 | 1.24\% |
|  | Convertible Bonds-Foreign | BBB | 2,077,588 | 0.02\% |
|  |  | B | 858,630 | 0.01\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Convertible Bonds-Foreign (con't) | Unkn Rtg (Triparty) | 83,935,907 | 0.82\% |
|  | Corporates-Domestic | AAA | 58,950,938 | 0.58\% |
|  |  | AA | 203,377,857 | 2.00\% |
|  |  | A | 172,386,989 | 1.69\% |
|  |  | BBB | 180,771,110 | 1.78\% |
|  |  | BB | 115,637,002 | 1.14\% |
|  |  | B | 68,172,602 | 0.67\% |
|  |  | CCC-C | 36,361,353 | 0.36\% |
|  |  | D | 19,943,632 | 0.20\% |
|  |  | Unkn Rtg (Triparty) | 456,947,322 | 4.49\% |
|  | Corporates-Foreign | AAA | 9,738,567 | 0.10\% |
|  |  | AA | 25,435,072 | 0.25\% |
|  |  | A | 161,274,070 | 1.58\% |
|  |  | BBB | 11,920,921 | 0.12\% |
|  |  | BB | 167,593,393 | 1.65\% |
|  |  | B | 35,635,768 | 0.35\% |
|  |  | CCC-C | 21,501,531 | 0.21\% |
|  |  | D | 21,105,809 | 0.21\% |
|  |  | Unkn Rtg (Triparty) | 358,672,298 | 3.52\% |
|  | Equity-Domestic | Equity | 448,868,289 | 4.41\% |
|  | Equity-Foreign | Equity | 464,058,611 | 4.56\% |
|  | Foreign Sovereigns-Domestic | AA | 4,679,923 | 0.05\% |
|  |  | A | 1,749,146 | 0.02\% |
|  |  | BBB | 684,622 | 0.01\% |
|  |  | BB | 55,703,047 | 0.55\% |
|  |  | B | 88,123,649 | 0.87\% |
|  |  | CCC-C | 15,132,257 | 0.15\% |
|  |  | D | 18,906,256 | 0.19\% |
|  |  | Unkn Rtg (Triparty) | 14,402,726 | 0.14\% |
|  | Foreign Sovereigns-Foreign | AAA | 21,555 | 0.00\% |
|  |  | BB | 329,058 | 0.00\% |
|  |  | B | 27,872,528 | 0.27\% |
|  | MBS - Agency - CMO | Agency | 1,634,670 | 0.02\% |
|  | MBS - Private (CMO) | AAA | 346,034,281 | 3.40\% |
|  |  | AA | 95,854,094 | 0.94\% |
|  |  | A | 37,969,378 | 0.37\% |
|  |  | BBB | 13,175,992 | 0.13\% |
|  |  | BB | 2,627,426 | 0.03\% |
|  |  | B | 7,157,211 | 0.07\% |
|  |  | CCC-C | 20,139 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 472,306 | 0.00\% |
|  | Muni | AAA | 971,706,381 | 9.55\% |
|  |  | AA | 606,269,294 | 5.96\% |
|  |  | A | 797,293,553 | 7.83\% |
|  |  | BBB | 381,141,973 | 3.74\% |
|  |  | BB | 472,470 | 0.00\% |
|  |  | B | 97,161 | 0.00\% |
|  |  | CCC-C | 79,819,990 | 0.78\% |
|  |  | D P | 19 of 216,525 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 103,441,042 | 1.02\% |
|  | Mutual Fund | AAA | 599,475,000 | 5.89\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :--- | :--- | :--- | ---: | ---: |
| Morgan Stanley (con't) | Mutual Fund (con't) | Unkn Rtg (Triparty) | $344,347,527$ | $3.38 \%$ |
|  | Supranational | AAA | $13,174,465$ | $0.13 \%$ |
|  | Treasury | Treasury | $1,110,257$ | $0.01 \%$ |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | $1,647,804,814$ | $16.19 \%$ |
|  | Dealer Total |  | $10,177,728,986$ | $100.00 \%$ |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Monday , January 12
Timothy Geithner, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 01/13/2009 10:52 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Monday, January 12

- On Monday, total PDCF borrowing was $\$ 33.01$ billion, a decrease of $\$ 0.91$ billion. Morgan Stanley increased borrowing by $\$ 0.3$ billion while Citigroup and Merrill Lynch decreased borrowing by $\$ 0.9$ billion and $\$ 0.31$ billion, respectively.
- Citigroup remains the largest participant in the facility with $\$ 14$ billion of collateral pledged against $\$ 12.98$ billion of borrowing. Citigroup's collateral consists primarily of equities ( $33 \%$ ), mutual funds ( $14.7 \%$ ), and mortgage-backed securities ( $13 \%$ ). Foreign denominated securities account for $2.6 \%$ of the collateral pledged by Citigroup.
- Of the $\$ 12.81$ billion of collateral pledged by Merrill Lynch, $37.5 \%$ is eligible due to the expanded collateral schedule which took effect on September 15 th and $6.5 \%$ is eligible due to the transitional credit program which took effect on September 21st. The remaining $56.1 \%$ of collateral would have been eligible since the start of the facility.


PDCF Charts and Tables - 20090112.doc
Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Monday, January 12, 2009

## Highlights

- On Monday, total PDCF borrowing was $\$ 33.01$ billion, a decrease of $\$ 0.91$ billion. Morgan Stanley increased borrowing by $\$ 0.3$ billion while Citigroup and Merrill Lynch decreased borrowing by $\$ 0.9$ billion and $\$ 0.31$ billion, respectively.
- Citigroup remains the largest participant in the facility with $\$ 14$ billion of collateral pledged against $\$ 12.98$ billion of borrowing. Citigroup's collateral consists primarily of equities ( $33 \%$ ), mutual funds ( $14.7 \%$ ), and mortgage-backed securities ( $13 \%$ ). Foreign denominated securities account for $2.6 \%$ of the collateral pledged by Citigroup.
- Of the $\$ 12.81$ billion of collateral pledged by Merrill Lynch, $37.5 \%$ is eligible due to the expanded collateral schedule which took effect on September $15^{\text {th }}$ and $6.5 \%$ is eligible due to the transitional credit program which took effect on September $21^{\text {st }}$. The remaining $56.1 \%$ of collateral would have been eligible since the start of the facility.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 1 / 1 2 / 2 0 0 9}$ | $\mathbf{0 1 / 0 9 / 2 0 0 9}$ | $\mathbf{0 1 / 0 8 / 2 0 0 9}$ | $\mathbf{0 1 / 0 7 / 2 0 0 9}$ | $\mathbf{0 1 / 0 6 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Citigroup | 12.98 | 13.88 | 13.86 | 13.27 | 13.00 |
| Merrill Lynch | 11.85 | 12.16 | 12.70 | 12.90 | 12.92 |
| Mizuho | 0.03 | 0.03 | 0.03 | 0.05 | 0.06 |
| Morgan Stanley | 8.15 | 7.85 | 7.88 | 8.10 | 8.16 |
| Total Borrowings | $\mathbf{3 3 . 0 1}$ | $\mathbf{3 3 . 9 2}$ | $\mathbf{3 4 . 4 7}$ | $\mathbf{3 4 . 3 3}$ | $\mathbf{3 4 . 1 3}$ |
|  |  |  |  |  |  |
| Total Collateral $^{*}$ | $\mathbf{3 7 . 3 2}$ | $\mathbf{3 8 . 3 4}$ | $\mathbf{3 8 . 8 9}$ | $\mathbf{3 8 . 7 5}$ | $\mathbf{3 8 . 5 6}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 3 . 0 6 \%}$ | $\mathbf{1 3 . 0 3 \%}$ | $\mathbf{1 2 . 8 2 \%}$ | $\mathbf{1 2 . 8 8 \%}$ | $\mathbf{1 2 . 9 8 \%}$ |

[^43]
## PDCF Borrowing Trend



## Composition of Collateral Pledged for January 12 Borrowings - in millions

[^44]
## RESTRICTED-FR

| Rating $^{1}$ | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Treasury | 174.7 | 9.9 | - | 1.1 | 185.7 |
| Agency | 60.6 | 15.6 | - | 1.6 | 77.8 |
| AAA | $2,424.6$ | $5,858.0$ | - | $2,386.8$ | $10,669.4$ |
| AA | 450.7 | 336.4 | 8.8 | 9933.0 | $1,788.8$ |
| A | 704.5 | 496.9 | - | $1,197.3$ | $2,398.7$ |
| BBB | 321.5 | 642.8 | 4.4 | 709.2 | $1,678.0$ |
| BB | 446.4 | $1,108.6$ | - | 404.4 | $1,959.4$ |
| B | $1,125.3$ | 644.0 | - | 278.5 | $2,047.8$ |
| CCC-C | $1,282.7$ | 690.0 | - | 159.4 | $2,132.0$ |
| D | 118.5 | 242.2 | - | 88.5 | 449.2 |
| A-1 | 90.9 | - | - | - | 90.9 |
| A-2 | 2.5 | - | - | - | 2.5 |
| A-3 | - | - | - | - | - |
| NP | - | - | - | - | - |
| Equity | $4,615.0$ | 551.8 | - | 898.4 | $6,065.2$ |
| Unkn Rtg (Triparty) | $2,188.9$ | $2,210.2$ | 19.2 | $\mathbf{1 , 7 0 4 . 6}$ | $6,122.9$ |
| Unkn Rtg (non-Triparty) | - | - | - | $1,647.2$ | $1,647.2$ |
| Total Collateral | $\mathbf{1 4 , 0 0 6 . 9}$ | $\mathbf{1 2 , 8 0 6 . 2}$ | $\mathbf{3 2 . 5}$ | $\mathbf{1 0 , 4 7 0 . 1}$ | $\mathbf{3 7 , 3 1 5 . 7}$ |
| Total Borrowings | $\mathbf{1 2 , 9 8 4 . 0}$ | $\mathbf{1 1 , 8 4 7 . 0}$ | $\mathbf{3 0 . 3}$ | $\mathbf{8 , 1 5 3 . 1}$ | $\mathbf{3 3 , 0 1 4 . 4}$ |
| Collateral Cushion | $\mathbf{7 . 8 8 \%}$ | $\mathbf{8 . 1 0 \%}$ | $\mathbf{7 . 1 5 \%}$ | $\mathbf{2 8 . 4 2 \%}$ | $\mathbf{1 3 . 0 3 \%}$ |

Collateral Value and Rating Distribution by Dealer


## Distribution of Total Pledged Collateral by Rating



Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $185,738,685$ | $0.50 \%$ |
| Agency | $77,808,757$ | $0.21 \%$ |
| AAA | $10,669,396,106$ | $28.59 \%$ |
| AA | $1,788,830,871$ | $4.79 \%$ |
| A | $2,398,684,127$ | $6.43 \%$ |
| BBB | $1,677,968,126$ | $4.50 \%$ |
| BB | $1,959,438,661$ | $5.25 \%$ |
| B | $2,047,807,896$ | $5.49 \%$ |
| CCC-C | $2,131,996,499$ | $5.71 \%$ |
| D | $90,902,736$ | $0.24 \%$ |
| A-1 | $2,536,223$ | $0.01 \%$ |
| A-2 | $6,065,220,238$ | $16.25 \%$ |
| Equity | $6,122,918,822$ | $16.41 \%$ |
| Unkn Rtg (Triparty) | $1,647,226,750$ | $4.41 \%$ |
| Unkn Rtg (non-Triparty) | $37,315,723,469$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $3,254,747,339$ | $8.72 \%$ |
| Agency Debt | $76,170,686$ | $0.20 \%$ |
| Auction Rate | $6,059,722,591$ | $16.24 \%$ |
| CDs-CP-BAs | $236,540,224$ | $0.63 \%$ |
| CMBS | $47,400,715$ | $0.13 \%$ |
| Convertible Bonds-Domestic | $1,799,043,811$ | $4.82 \%$ |
| Convertible Bonds-Foreign | $296,162,700$ | $0.79 \%$ |
| Corporates-Domestic | $4,726,136,139$ | $12.67 \%$ |
| Corporates-Foreign | $1,517,147,468$ | $4.07 \%$ |
| Equity-Domestic | $5,399,919,946$ | $14.47 \%$ |
| Equity-Foreign | $665,300,292$ | $1.78 \%$ |
| Foreign Sovereigns-Domestic | $789,312,617$ | $2.12 \%$ |
| Foreign Sovereigns-Foreign | $121,674,521$ | $0.33 \%$ |
| MBS - Agency - CMO | $1,637,807$ | $0.00 \%$ |
| MBS - Agency - Pass Through | 264 | $0.00 \%$ |
| MBS - Private (CMO) | $3,410,167,427$ | $9.14 \%$ |
| Muni | $4,039,539,648$ | $10.83 \%$ |
| Mutual Fund | $2,998,139,068$ | $8.03 \%$ |
| Supranational | $43,994,771$ | $0.12 \%$ |
| Treasury | $185,738,685$ | $0.50 \%$ |
| Whole Loans - DW | $1,647,226,750$ | $4.41 \%$ |
| Total | $37,315,723,469$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 75,818,979 | 0.54\% |
|  |  | AA | 90,674 | 0.00\% |
|  |  | A | 203,079,271 | 1.45\% |
|  |  | BBB | 88,602,450 | 0.63\% |
|  |  | BB | 153,558,850 | 1.10\% |
|  |  | B | 264,108,856 | 1.89\% |
|  |  | CCC-C | 147,057,065 | 1.05\% |
|  |  | D | 87,820,800 | 0.63\% |
|  |  | Unkn Rtg (Triparty) | 333,777,900 | 2.38\% |
|  | Agency Debt | Agency | 60,591,500 | 0.43\% |
|  | CDs-CP-BAs | A-1 | 90,902,736 | 0.65\% |
|  |  | A-2 | 2,536,223 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 143,074,691 | 1.02\% |
|  | CMBS | Unkn Rtg (Triparty) | 2,486,176 | 0.02\% |
|  | Convertible Bonds-Domestic | Unkn Rtg (Triparty) | 797,723,056 | 5.70\% |
|  | Convertible Bonds-Foreign | A | 385,034 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 89,889,422 | 0.64\% |
|  | Corporates-Domestic | AAA | 8,049,033 | 0.06\% |
|  |  | AA | 24,919 | 0.00\% |
|  |  | A | 179,112,176 | 1.28\% |
|  |  | BB | 10,035,095 | 0.07\% |
|  |  | B | 9,130,463 | 0.07\% |
|  |  | CCC-C | 1,124,591,887 | 8.03\% |
|  |  | D | 30,712,608 | 0.22\% |
|  |  | Unkn Rtg (Triparty) | 314,644,316 | 2.25\% |
|  | Corporates-Foreign | BBB | 198,213 | 0.00\% |
|  |  | CCC-C | 3,375,025 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 44,368,177 | 0.32\% |
|  | Equity-Domestic | Equity | 4,388,296,899 | 31.33\% |
|  | Equity-Foreign | Equity | 226,697,925 | 1.62\% |
|  | MBS - Private (CMO) | AAA | 360,317,185 | 2.57\% |
|  |  | AA | 57,803,363 | 0.41\% |
|  |  | A | 104,360,785 | 0.75\% |
|  |  | BBB | 89,751,669 | 0.64\% |
|  |  | BB | 282,840,360 | 2.02\% |
|  |  | B | 851,923,592 | 6.08\% |
|  |  | CCC-C | 7,577,009 | 0.05\% |
|  |  | D | 2,778 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 72,512,104 | 0.52\% |
|  | Muni | AAA | 223,880,656 | 1.60\% |
|  |  | AA | 392,755,048 | 2.80\% |
|  |  | A | 217,548,192 | 1.55\% |
|  |  | BBB | Pagre, 96 | 1.02\% |
|  |  | B | 161,792 | 0.00\% |
|  |  | CCC-C | 90,043 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 83,363,184 | 0.60\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Dealer Total |  | 14,006,917,514 | 100.00\% |
| Merrill Lynch | ABS | AAA | 173,698,416 | 1.36\% |
|  |  | AA | 53,790,771 | 0.42\% |
|  |  | A | 108,860,065 | 0.85\% |
|  |  | BBB | 97,758,501 | 0.76\% |
|  |  | BB | 157,900,543 | 1.23\% |
|  |  | B | 182,713,151 | 1.43\% |
|  |  | CCC-C | 250,041,914 | 1.95\% |
|  |  | D | 161,198,322 | 1.26\% |
|  |  | Unkn Rtg (Triparty) | 181,905,641 | 1.42\% |
|  | Agency Debt | Agency | 15,579,186 | 0.12\% |
|  | Auction Rate | AAA | 5,254,088,265 | 41.03\% |
|  |  | AA | 159,601,469 | 1.25\% |
|  |  | A | 102,621,895 | 0.80\% |
|  |  | BBB | 168,625,349 | 1.32\% |
|  |  | BB | 1,518,592 | 0.01\% |
|  |  | B | 1,136 | 0.00\% |
|  |  | CCC-C | 46,988,633 | 0.37\% |
|  |  | Unkn Rtg (Triparty) | 326,277,254 | 2.55\% |
|  | CMBS | Unkn Rtg (Triparty) | 472,526 | 0.00\% |
|  | Convertible Bonds-Domestic | BBB | 72,495,237 | 0.57\% |
|  |  | BB | 22,937,806 | 0.18\% |
|  |  | B | 3,633,156 | 0.03\% |
|  |  | CCC-C | 59,788,618 | 0.47\% |
|  |  | D | 6,081 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 638,887,945 | 4.99\% |
|  | Convertible Bonds-Foreign | Unkn Rtg (Triparty) | 55,398,497 | 0.43\% |
|  | Corporates-Domestic | AAA | 89,825,155 | 0.70\% |
|  |  | AA | 15,641,491 | 0.12\% |
|  |  | A | 166,171,763 | 1.30\% |
|  |  | BBB | 96,608,496 | 0.75\% |
|  |  | BB | 70,458,238 | 0.55\% |
|  |  | B | 45,783,895 | 0.36\% |
|  |  | CCC-C | 302,980,865 | 2.37\% |
|  |  | D | 76,867,926 | 0.60\% |
|  |  | Unkn Rtg (Triparty) | 783,178,684 | 6.12\% |
|  | Corporates-Foreign | AAA | 2,083,271 | 0.02\% |
|  |  | AA | 4,903,909 | 0.04\% |
|  |  | A | 43,595,485 | 0.34\% |
|  |  | BBB | 85,298,268 | 0.67\% |
|  |  | BB | 257,245,675 | 2.01\% |
|  |  | B | 28,528,395 | 0.22\% |
|  |  | CCC-C | 19,641,785 | 0.15\% |
|  |  | D | 2,987,961 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | Page 1202192(543 | 1.58\% |
|  | Equity-Domestic | Equity | 515,162,516 | 4.02\% |
|  | Equity-Foreign | Equity | 36,668,733 | 0.29\% |
|  | Foreign Sovereigns-Domestic | AAA | 759,470 | 0.01\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Foreign Sovereigns-Domestic (con't) | B | 30,547,800 | 0.24\% |
|  |  | CCC-C | 521,641 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 2,965,976 | 0.02\% |
|  | Foreign Sovereigns-Foreign | BBB | 44,264,770 | 0.35\% |
|  |  | BB | 20,400,084 | 0.16\% |
|  |  | B | 19,109,487 | 0.15\% |
|  |  | D | 100,960 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 3,305,951 | 0.03\% |
|  | MBS - Agency - CMO | Agency | 3,927 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 336,557,555 | 2.63\% |
|  |  | AA | 94,071,247 | 0.73\% |
|  |  | A | 75,668,689 | 0.59\% |
|  |  | BBB | 70,576,065 | 0.55\% |
|  |  | BB | 153,504,925 | 1.20\% |
|  |  | B | 332,216,544 | 2.59\% |
|  |  | CCC-C | 9,989,916 | 0.08\% |
|  |  | D | 1,022,890 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 15,566,086 | 0.12\% |
|  | Muni | B | 1,424,872 | 0.01\% |
|  | Supranational | AAA | 946,515 | 0.01\% |
|  | Treasury | Treasury | 9,942,651 | 0.08\% |
|  | Dealer Total |  | 12,806,247,910 | 100.00\% |
| Mizuho | Corporates-Domestic | AA | 8,810,445 | 27.15\% |
|  |  | BBB | 4,426,132 | 13.64\% |
|  |  | Unkn Rtg (Triparty) | 19,217,771 | 59.21\% |
|  | MBS - Agency - Pass Through | Agency | 264 | 0.00\% |
|  | Dealer Total |  | 32,454,612 | 100.00\% |
| Morgan Stanley | ABS | AAA | 351,383,548 | 3.36\% |
|  |  | AA | 39,029,172 | 0.37\% |
|  |  | A | 36,397,643 | 0.35\% |
|  |  | BBB | 23,938,422 | 0.23\% |
|  |  | BB | 38,132,174 | 0.36\% |
|  |  | CCC-C | 4,471,076 | 0.04\% |
|  |  | D | 2,766,249 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 36,846,890 | 0.35\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 26,574 | 0.00\% |
|  | CMBS | Unkn Rtg (Triparty) | 44,442,013 | 0.42\% |
|  | Convertible Bonds-Domestic | A | 7,290,833 | 0.07\% |
|  |  | BBB | 73,726,150 | 0.70\% |
|  |  | B | 1,852,950 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 120,701,979 | 1.15\% |
|  | Convertible Bonds-Foreign | BBB | 2,058,881 | 0.02\% |
|  |  | B | 608,524 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 147,822,342 | 1.41\% |
|  | Corporates-Domestic | AAA | 62,469,900 | 0.60\% |
|  |  | AA | 214,964,999 | 2.05\% |
|  |  | A Page | f 2(1)76,539,737 | 1.69\% |
|  |  | BBB | 177,068,742 | 1.69\% |
|  |  | BB | 114,684,540 | 1.10\% |
|  |  | B | 68,465,960 | 0.65\% |
|  |  | CCC-C | 38,814,360 | 0.37\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Corporates-Domestic (con't) | D | 31,186,843 | 0.30\% |
|  |  | Unkn Rtg (Triparty) | 485,669,701 | 4.64\% |
|  | Corporates-Foreign | AAA | 10,061,029 | 0.10\% |
|  |  | AA | 26,235,567 | 0.25\% |
|  |  | A | 159,405,488 | 1.52\% |
|  |  | BBB | 11,196,900 | 0.11\% |
|  |  | BB | 166,033,315 | 1.59\% |
|  |  | B | 37,111,970 | 0.35\% |
|  |  | CCC-C | 20,951,493 | 0.20\% |
|  |  | D | 23,153,955 | 0.22\% |
|  |  | Unkn Rtg (Triparty) | 368,579,045 | 3.52\% |
|  | Equity-Domestic | Equity | 496,460,531 | 4.74\% |
|  | Equity-Foreign | Equity | 401,933,634 | 3.84\% |
|  | Foreign Sovereigns-Domestic | AA | 4,685,415 | 0.04\% |
|  |  | A | 1,750,451 | 0.02\% |
|  |  | BBB | 32,596,310 | 0.31\% |
|  |  | BB | 82,049,863 | 0.78\% |
|  |  | B | 131,561,899 | 1.26\% |
|  |  | CCC-C | 15,273,939 | 0.15\% |
|  |  | D | 31,415,050 | 0.30\% |
|  |  | Unkn Rtg (Triparty) | 15,018,934 | 0.14\% |
|  | Foreign Sovereigns-Foreign | AAA | 22,192 | 0.00\% |
|  |  | BB | 47,618 | 0.00\% |
|  |  | B | 34,423,459 | 0.33\% |
|  | MBS - Agency - CMO | Agency | 1,633,880 | 0.02\% |
|  | MBS - Private (CMO) | AAA | 343,712,258 | 3.28\% |
|  |  | AA | 96,707,375 | 0.92\% |
|  |  | A | 32,880,006 | 0.31\% |
|  |  | BBB | 13,138,089 | 0.13\% |
|  |  | BB | 2,585,321 | 0.02\% |
|  |  | B | 4,404,588 | 0.04\% |
|  |  | CCC-C | 20,116 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 456,913 | 0.00\% |
|  | Muni | AAA | 981,007,149 | 9.37\% |
|  |  | AA | 611,363,959 | 5.84\% |
|  |  | A | 783,016,615 | 7.48\% |
|  |  | BBB | 375,466,291 | 3.59\% |
|  |  | BB | 906,989 | 0.01\% |
|  |  | B | 95,409 | 0.00\% |
|  |  | CCC-C | 79,821,115 | 0.76\% |
|  |  | D | 6,551 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 145,674,741 | 1.39\% |
|  | Mutual Fund | AAA | 595,350,000 | 5.69\% |
|  |  | Unkn Rtg (Triparty) | 339,398,266 | 3.24\% |
|  | Supranational | AAA | 42,791,219 | 0.41\% |
|  | Treasury | Treasury | 1,111,580 | 0.01\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,647,226,750 | 15.73\% |
|  | Dealer Total |  | 10,470,103,433 | 100.00\% |

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## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Tuesday, January 20
Thomas Baxter, Terrence Checki, William Rutledge,
Anthony Maglia to: Christine Cumming, Susan McLaughlin, William Walsh, 01/21/2009 12:34 PM Spence Hilton, Debby PereImuter, Chris McCurdy, Sandy

## RESTRICTED FR

Highlights for Tuesday, January 20

- Total PDCF borrowing on Tuesday was $\$ 33.28$ billion, an increase of $\$ 1.00$ billion.
- Citigroup is currently borrowing $\$ 14.00$ billion against $\$ 15.12$ billion of collateral. Citigroup's collateral consists primarily of equities ( $31.9 \%$ ), mortgage-backed securities ( $15.2 \%$ ), and mutual funds ( $13.8 \%$ ). Foreign denominated securities account for $3.7 \%$ of collateral pledged by Citigroup
- Of the $\$ 37.6$ billion of collateral pledged by all participants, $44.9 \%$ are investment grade securities, $19.1 \%$ are non-investment grade securities, $15.4 \%$ are equities, $16.2 \%$ are securities with unknown ratings, and $4.4 \%$ are whole loans pledged through the Discount Window. Foreign denominated securities account for $6.1 \%$ of collateral pledged by all participants.

畐<br>PDCF Charts and Tables - 20090120 .doc<br>Regards,<br>Tony<br>Anthony Maglia<br>Markets Group<br>Federal Reserve Bank of New York<br>212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Tuesday, January 20, 2009

## Highlights

- Total PDCF borrowing on Tuesday was $\$ 33.28$ billion, an increase of $\$ 1.00$ billion.
- Citigroup is currently borrowing $\$ 14.00$ billion against $\$ 15.12$ billion of collateral. Citigroup's collateral consists primarily of equities ( $31.9 \%$ ), mortgage-backed securities ( $15.2 \%$ ), and mutual funds ( $13.8 \%$ ). Foreign denominated securities account for $3.7 \%$ of collateral pledged by Citigroup
- Of the $\$ 37.6$ billion of collateral pledged by all participants, $44.9 \%$ are investment grade securities, $19.1 \%$ are non-investment grade securities, $15.4 \%$ are equities, $16.2 \%$ are securities with unknown ratings, and $4.4 \%$ are whole loans pledged through the Discount Window. Foreign denominated securities account for $6.1 \%$ of collateral pledged by all participants.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 1 / 2 0 / 2 0 0 9}$ | $\mathbf{0 1 / 1 6 / 2 0 0 9}$ | $\mathbf{0 1 / 1 5 / 2 0 0 9}$ | $\mathbf{0 1 / 1 4 / 2 0 0 9}$ | $\mathbf{0 1 / 1 3 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Citigroup | 14.00 | 13.19 | 13.14 | 13.43 | 12.67 |
| Merrill Lynch | 11.35 | 11.22 | 11.80 | 11.85 | 12.25 |
| Mizuho | 0.10 | 0.12 | 0.12 | 0.10 | 0.07 |
| Morgan Stanley | 7.84 | 7.75 | 7.99 | 8.02 | 8.20 |
| Total Borrowings | $\mathbf{3 3 . 2 8}$ | $\mathbf{3 2 . 2 8}$ | $\mathbf{3 3 . 0 5}$ | $\mathbf{3 3 . 4 1}$ | $\mathbf{3 3 . 1 9}$ |
|  |  |  |  |  |  |
| Total Collateral $^{*}$ | $\mathbf{3 7 . 6}$ | $\mathbf{3 6 . 5 2}$ | $\mathbf{3 7 . 3 7}$ | $\mathbf{3 7 . 7 5}$ | $\mathbf{3 7 . 5 1}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 2 . 9 8 \%}$ | $\mathbf{1 3 . 1 4 \%}$ | $\mathbf{1 3 . 0 7 \%}$ | $\mathbf{1 2 . 9 9 \%}$ | $\mathbf{1 3 . 0 2 \%}$ |

[^45]PDCF Borrowing Trend


## Composition of Collateral Pledged for January 16 Borrowings - in millions

[^46]| Rating $^{1}$ | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley $^{2}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Treasury | - | 10.0 | - | 1.1 | 11.1 |
| Agency | 36.9 | 72.0 | - | 2.2 | 111.1 |
| AAA | $2,652.0$ | $6,064.7$ | 5.4 | $2,529.4$ | $11,251.5$ |
| AA | 154.1 | 355.4 | - | 910.4 | $1,419.9$ |
| A | 315.0 | 351.6 | 41.1 | $1,132.7$ | $1,840.4$ |
| BBB | 655.1 | 467.6 | 4.7 | 677.3 | $1,804.7$ |
| BB | 744.6 | $1,071.5$ | - | 374.3 | $2,190.4$ |
| B | $1,310.6$ | 844.2 | - | 275.5 | $2,430.3$ |
| CCC-C | $1,324.8$ | 746.8 | - | 148.2 | $2,219.8$ |
| D | 70.3 | 197.6 | - | 83.6 | 351.4 |
| A-1 | 376.1 | - | - | - | 376.1 |
| A-2 | 62.5 | - | - | - | 62.5 |
| A-3 | - | - | - | - | - |
| NP | - | - | - | - | - |
| Equity | $4,814.2$ | 267.9 | - | 711.9 | $5,794.0$ |
| Unkn Rtg (Triparty) | $2,600.2$ | $1,808.9$ | 51.5 | $1,630.5$ | $6,091.1$ |
| Unkn Rtg (non-Triparty) | - | - | - | $\mathbf{1 , 6 4 7 . 2}$ | $1,647.2$ |
| Total Collateral | $\mathbf{1 5 , 1 1 6 . 3}$ | $\mathbf{1 2 , 2 5 8 . 1}$ | $\mathbf{1 0 2 . 7}$ | $\mathbf{1 0 , 1 2 4 . 3}$ | $\mathbf{3 7 , 6 0 1 . 5}$ |
| Total Borrowings | $\mathbf{1 4 , 0 0 0 . 0}$ | $\mathbf{1 1 , 3 4 6 . 0}$ | $\mathbf{9 6 . 0}$ | $\mathbf{7 , 8 3 7 . 0}$ | $\mathbf{3 3 , 2 7 9 . 0}$ |
| Collateral Cushion | $\mathbf{7 . 9 7 \%}$ | $\mathbf{8 . 0 4 \%}$ | $\mathbf{6 . 9 9 \%}$ | $\mathbf{2 9 . 1 9 \%}$ | $\mathbf{1 2 . 9 9 \%}$ |

Collateral Value and Rating Distribution by Dealer


## Distribution of Total Pledged Collateral by Rating



Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $11,074,941$ | $0.03 \%$ |
| Agency | $111,064,453$ | $0.30 \%$ |
| AAA | $11,251,460,758$ | $29.92 \%$ |
| AA | $1,419,859,541$ | $3.78 \%$ |
| A | $1,840,393,546$ | $4.89 \%$ |
| BBB | $1,804,665,201$ | $4.80 \%$ |
| BB | $2,190,422,838$ | $5.83 \%$ |
| B | $2,430,297,958$ | $6.46 \%$ |
| CCC-C | $351,434,724$ | $5.90 \%$ |
| D | $376,145,284$ | $0.93 \%$ |
| A-1 | $62,538,612$ | $0.17 \%$ |
| A-2 | $5,793,997,978$ | $15.41 \%$ |
| Equity | $6,091,139,780$ | $16.20 \%$ |
| Unkn Rtg (Triparty) | $1,647,226,750$ | $4.38 \%$ |
| Unkn Rtg (non-Triparty) | $37,601,498,618$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $3,247,092,958$ | $8.64 \%$ |
| Agency Debt | $53,137,603$ | $0.14 \%$ |
| Auction Rate | $6,347,435,221$ | $16.88 \%$ |
| CDs-CP-BAs | $448,419,149$ | $1.19 \%$ |
| CMBS | $265,798,334$ | $0.71 \%$ |
| Convertible Bonds-Domestic | $1,600,763,527$ | $4.26 \%$ |
| Convertible Bonds-Foreign | $304,658,154$ | $0.81 \%$ |
| Corporates-Domestic | $4,655,207,902$ | $12.38 \%$ |
| Corporates-Foreign | $1,244,808,090$ | $3.31 \%$ |
| Equity-Domestic | $5,179,083,070$ | $13.77 \%$ |
| Equity-Foreign | $614,914,908$ | $1.64 \%$ |
| Foreign Sovereigns-Domestic | $778,463,846$ | $2.07 \%$ |
| Foreign Sovereigns-Foreign | $111,367,949$ | $0.30 \%$ |
| MBS - Agency - CMO | $57,926,850$ | $0.15 \%$ |
| MBS - Private (CMO) | $3,742,572,459$ | $9.95 \%$ |
| Muni | $4,084,823,806$ | $10.86 \%$ |
| Mutual Fund | $3,029,583,054$ | $8.06 \%$ |
| Other | $2,994,877$ | $0.01 \%$ |
| Supranational | $174,145,169$ | $0.46 \%$ |
| Treasury | $11,074,941$ | $0.03 \%$ |
| Whole Loans - DW | $1,647,226,750$ | $4.38 \%$ |
| Total | $37,601,498,618$ | $100.00 \%$ |

## Collateral Composition by Dealer

## RESTRICTED-FR

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 78,561,751 | 0.52\% |
|  |  | AA | 78,059 | 0.00\% |
|  |  | A | 42,716,727 | 0.28\% |
|  |  | BBB | 401,723,149 | 2.66\% |
|  |  | BB | 112,549,860 | 0.74\% |
|  |  | B | 270,448,259 | 1.79\% |
|  |  | CCC-C | 99,909,602 | 0.66\% |
|  |  | D | 42,358,563 | 0.28\% |
|  |  | Unkn Rtg (Triparty) | 295,585,022 | 1.96\% |
|  | Agency Debt | Agency | 36,870,939 | 0.24\% |
|  | CDs-CP-BAs | A-1 | 376,145,284 | 2.49\% |
|  |  | A-2 | 62,538,612 | 0.41\% |
|  |  | Unkn Rtg (Triparty) | 9,708,215 | 0.06\% |
|  | CMBS | Unkn Rtg (Triparty) | 226,589,487 | 1.50\% |
|  | Convertible Bonds-Domestic | BB | 35,511,237 | 0.23\% |
|  |  | B | 11,357,935 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 796,237,306 | 5.27\% |
|  | Convertible Bonds-Foreign | BB | 4,396,330 | 0.03\% |
|  |  | B | 2,501,499 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 208,473,653 | 1.38\% |
|  | Corporates-Domestic | AAA | 2,518,435 | 0.02\% |
|  |  | AA | 24,940 | 0.00\% |
|  |  | A | 53,307,639 | 0.35\% |
|  |  | BBB | 82,500,258 | 0.55\% |
|  |  | BB | 235,767,536 | 1.56\% |
|  |  | B | 32,976,961 | 0.22\% |
|  |  | CCC-C | 1,047,365,059 | 6.93\% |
|  |  | D | 16,173,658 | 0.11\% |
|  |  | Unkn Rtg (Triparty) | 338,698,387 | 2.24\% |
|  | Corporates-Foreign | BBB | 193,581 | 0.00\% |
|  |  | CCC-C | 14,457,130 | 0.10\% |
|  |  | D | 10,522 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 37,291,649 | 0.25\% |
|  | Equity-Domestic | Equity | 4,518,086,654 | 29.89\% |
|  | Equity-Foreign | Equity | 296,091,313 | 1.96\% |
|  | MBS - Private (CMO) | AAA | 632,667,916 | 4.19\% |
|  |  | AA | 65,938,185 | 0.44\% |
|  |  | A | 109,363,342 | 0.72\% |
|  |  | BBB | 104,015,028 | 0.69\% |
|  |  | BB | 314,271,127 | 2.08\% |
|  |  | B | 919,466,906 | 6.08\% |
|  |  | CCC-C | 24,602,221 | 0.16\% |
|  |  | D | Page 14802980 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 129,865,114 | 0.86\% |
|  | Muni | AAA | 167,335,217 | 1.11\% |
|  |  | AA | 88,067,671 | 0.58\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Muni (con't) | D | 11,721,567 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 246,240,132 | 1.63\% |
|  | Mutual Fund | AAA | 1,770,875,000 | 11.71\% |
|  |  | Unkn Rtg (Triparty) | 311,533,663 | 2.06\% |
|  | Dealer Total |  | 15,116,305,126 | 100.00\% |
| Merrill Lynch | ABS | AAA | 153,838,027 | 1.25\% |
|  |  | AA | 57,680,517 | 0.47\% |
|  |  | A | 109,337,266 | 0.89\% |
|  |  | BBB | 103,430,736 | 0.84\% |
|  |  | BB | 169,002,594 | 1.38\% |
|  |  | B | 196,112,880 | 1.60\% |
|  |  | CCC-C | 247,302,113 | 2.02\% |
|  |  | D | 148,663,546 | 1.21\% |
|  |  | Unkn Rtg (Triparty) | 208,795,093 | 1.70\% |
|  | Agency Debt | Agency | 16,266,664 | 0.13\% |
|  | Auction Rate | AAA | 5,512,169,864 | 44.97\% |
|  |  | AA | 214,536,777 | 1.75\% |
|  |  | A | 96,025,793 | 0.78\% |
|  |  | BBB | 155,900,111 | 1.27\% |
|  |  | CCC-C | 31,901,358 | 0.26\% |
|  |  | Unkn Rtg (Triparty) | 336,901,319 | 2.75\% |
|  | Convertible Bonds-Domestic | BB | 15,549,126 | 0.13\% |
|  |  | B | 93,263,886 | 0.76\% |
|  |  | CCC-C | 59,637,097 | 0.49\% |
|  |  | D | 6,067 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 422,180,146 | 3.44\% |
|  | Corporates-Domestic | AAA | 60,296,469 | 0.49\% |
|  |  | AA | 2,865,123 | 0.02\% |
|  |  | A | 126,184,475 | 1.03\% |
|  |  | BBB | 43,226,893 | 0.35\% |
|  |  | BB | 54,016,671 | 0.44\% |
|  |  | B | 183,589,785 | 1.50\% |
|  |  | CCC-C | 388,959,064 | 3.17\% |
|  |  | D | 46,618,312 | 0.38\% |
|  |  | Unkn Rtg (Triparty) | 666,587,839 | 5.44\% |
|  | Corporates-Foreign | AAA | 1,781,256 | 0.01\% |
|  |  | AA | 1,245,983 | 0.01\% |
|  |  | A | 10,000,739 | 0.08\% |
|  |  | BBB | 63,025,529 | 0.51\% |
|  |  | BB | 238,270,708 | 1.94\% |
|  |  | B | 13,999,829 | 0.11\% |
|  |  | CCC-C | 8,825,207 | 0.07\% |
|  |  | D | 1,615,359 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 160,417,433 | 1.31\% |
|  | Equity-Domestic | Equity | Page 1356\$92014 | 2.19\% |
|  | Foreign Sovereigns-Domestic | AAA | 758,648 | 0.01\% |
|  |  | AA | 4,538,422 | 0.04\% |
|  |  | BBB | 4,021,374 | 0.03\% |
|  |  | RR | 407085749 | $332 \%$ |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Foreign Sovereigns-Domestic (con't) | Unkn Rtg (Triparty) | 2,972,233 | 0.02\% |
|  | Foreign Sovereigns-Foreign | BBB | 29,926,922 | 0.24\% |
|  |  | BB | 13,325,765 | 0.11\% |
|  |  | B | 9,568,289 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 3,089,814 | 0.03\% |
|  | MBS - Agency - CMO | Agency | 55,774,944 | 0.46\% |
|  | MBS - Private (CMO) | AAA | 335,393,484 | 2.74\% |
|  |  | AA | 74,518,425 | 0.61\% |
|  |  | A | 10,057,865 | 0.08\% |
|  |  | BBB | 68,071,011 | 0.56\% |
|  |  | BB | 171,213,725 | 1.40\% |
|  |  | B | 270,423,771 | 2.21\% |
|  |  | CCC-C | 9,645,754 | 0.08\% |
|  |  | D | 684,422 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 8,000,898 | 0.07\% |
|  | Muni | B | 1,690,070 | 0.01\% |
|  | Other | BB | 2,994,877 | 0.02\% |
|  | Supranational | AAA | 422,086 | 0.00\% |
|  | Treasury | Treasury | 9,953,002 | 0.08\% |
|  | Dealer Total |  | 12,258,145,225 | 100.00\% |
| Mizuho | Corporates-Domestic | A | 41,114,492 | 40.03\% |
|  |  | BBB | 4,697,371 | 4.57\% |
|  |  | Unkn Rtg (Triparty) | 51,469,124 | 50.11\% |
|  | Supranational | AAA | 5,428,650 | 5.29\% |
|  | Dealer Total |  | 102,709,637 | 100.00\% |
| Morgan Stanley | ABS | AAA | 286,492,277 | 2.83\% |
|  |  | AA | 92,877,455 | 0.92\% |
|  |  | A | 26,795,074 | 0.26\% |
|  |  | BBB | 28,608,804 | 0.28\% |
|  |  | BB | 30,545,139 | 0.30\% |
|  |  | CCC-C | 4,474,982 | 0.04\% |
|  |  | D | 1,196,194 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 38,009,271 | 0.38\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 27,038 | 0.00\% |
|  | CMBS | Unkn Rtg (Triparty) | 39,208,847 | 0.39\% |
|  | Convertible Bonds-Domestic | BBB | 90,186 | 0.00\% |
|  |  | B | 1,831,925 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 165,098,616 | 1.63\% |
|  | Convertible Bonds-Foreign | BBB | 98,698 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 89,187,973 | 0.88\% |
|  | Corporates-Domestic | AAA | 56,754,899 | 0.56\% |
|  |  | AA | 23,371,053 | 0.23\% |
|  |  | A | 169,062,189 | 1.67\% |
|  |  | BBB | 172,141,603 | 1.70\% |
|  |  | BB | 114,972,325 | 1.14\% |
|  |  | B | 73,930,367 | 0.73\% |
|  |  | CCC-C Page | f 2029,917,030 | 0.30\% |
|  |  | D | 26,529,857 | 0.26\% |
|  |  | Unkn Rtg (Triparty) | 509,570,088 | 5.03\% |
|  | Corporates-Foreign | AAA | 15,938,096 | 0.16\% |
|  |  | AA | 22,968,812 | 0.23\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Corporates-Foreign (con't) | A | 51,517,938 | 0.51\% |
|  |  | BBB | 20,378,579 | 0.20\% |
|  |  | BB | 150,931,929 | 1.49\% |
|  |  | B | 34,895,086 | 0.34\% |
|  |  | CCC-C | 18,191,545 | 0.18\% |
|  |  | D | 22,331,197 | 0.22\% |
|  |  | Unkn Rtg (Triparty) | 356,519,982 | 3.52\% |
|  | Equity-Domestic | Equity | 393,105,303 | 3.88\% |
|  | Equity-Foreign | Equity | 318,823,596 | 3.15\% |
|  | Foreign Sovereigns-Domestic | AA | 4,680,763 | 0.05\% |
|  |  | A | 2,070,772 | 0.02\% |
|  |  | BBB | 18,741,427 | 0.19\% |
|  |  | BB | 73,591,601 | 0.73\% |
|  |  | B | 120,178,646 | 1.19\% |
|  |  | CCC-C | 15,447,722 | 0.15\% |
|  |  | D | 33,500,541 | 0.33\% |
|  |  | Unkn Rtg (Triparty) | 14,781,038 | 0.15\% |
|  | Foreign Sovereigns-Foreign | A | 14,034,004 | 0.14\% |
|  |  | BBB | 1,059,842 | 0.01\% |
|  |  | BB | 631,288 | 0.01\% |
|  |  | B | 39,732,026 | 0.39\% |
|  | MBS - Agency - CMO | Agency | 2,151,906 | 0.02\% |
|  | MBS - Private (CMO) | AAA | 343,204,637 | 3.39\% |
|  |  | AA | 92,190,336 | 0.91\% |
|  |  | A | 35,485,358 | 0.35\% |
|  |  | BBB | 15,739,900 | 0.16\% |
|  |  | BB | 2,527,249 | 0.02\% |
|  |  | B | 4,739,055 | 0.05\% |
|  |  | CCC-C | 19,954 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 448,480 | 0.00\% |
|  | Muni | AAA | 1,040,204,615 | 10.27\% |
|  |  | AA | 674,277,020 | 6.66\% |
|  |  | A | 833,755,330 | 8.24\% |
|  |  | BBB | 420,447,431 | 4.15\% |
|  |  | BB | 1,143,343 | 0.01\% |
|  |  | B | 159,648 | 0.00\% |
|  |  | CCC-C | 80,174,089 | 0.79\% |
|  |  | D | 6,619 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 89,002,528 | 0.88\% |
|  | Mutual Fund | AAA | 618,525,000 | 6.11\% |
|  |  | Unkn Rtg (Triparty) | 328,649,391 | 3.25\% |
|  | Supranational | AAA | 168,294,433 | 1.66\% |
|  | Treasury | Treasury | 1,121,939 | 0.01\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,647,226,750 | 16.27\% |
|  | Dealer Total |  | 10,124,338,630 | 100.00\% |

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## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Thursday, January 22
Thomas Baxter, Terrence Checki, William Rutledge,
Anthony Maglia to: Christine Cumming, Susan McLaughlin, William Walsh, 01/23/2009 05:48 PM Spence Hilton, Debby PereImuter, Chris McCurdy, Sandy

## RESTRICTED FR

## Highlights for Thursday, January 22

- Total PDCF borrowing on Thursday dropped by $\$ 1.78$ billion to $\$ 31.51$ billion.
- From Wednesday to Thursday, borrowing by Citigroup declined by $\$ 1.41$ billion to $\$ 12.59$ billion. Over this period, the composition of collateral it pledged has shifted away from equities ( $31.2 \%$ to $22.9 \%$ ) and mortgage backed securities ( $16.6 \%$ to $14.1 \%$ ). The proportional decrease in these collateral types was met with an increase in asset backed securities ( $6.9 \%$ to $10 \%$ ), municipal debt ( $7.4 \%$ to $9.7 \%$ ), and Treasuries ( $0 \%$ to $2 \%$ ).
- Of the $\$ 9.93$ billion of collateral pledged by Morgan Stanley, $38.1 \%$ is eligible due to the expanded collateral schedule which took effect on September 15th and $10.7 \%$ is eligible due to the transitional credit program which took effect on September 21st. The remaining $51.3 \%$ of collateral would have been eligible since the start of the facility.
- Of the $\$ 35.68$ billion of collateral pledged by all participants, $47.5 \%$ are investment grade securities, $19.3 \%$ are non-investment grade securities, $11.8 \%$ are equities, $16.9 \%$ are securities with unknown ratings, and $4.6 \%$ are whole loans pledged through the Discount Window. Foreign denominated securities account for $6 \%$ of the total collateral pledged.

比<br>PDCF Charts and Tables • 20090122.doc<br>Regards,<br>Tony<br>Anthony Maglia<br>Markets Group<br>Federal Reserve Bank of New York<br>212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Thursday, January 22, 2009

## Highlights

- Total PDCF borrowing on Thursday dropped by $\$ 1.78$ billion to $\$ 31.51$ billion.
- From Wednesday to Thursday, borrowing by Citigroup declined by $\$ 1.41$ billion to $\$ 12.59$ billion. Over this period, the composition of collateral it pledged has shifted away from equities ( $31.2 \%$ to $22.9 \%$ ) and mortgage backed securities ( $16.6 \%$ to $14.1 \%$ ). The proportional decrease in these collateral types was met with an increase in asset backed securities ( $6.9 \%$ to $10 \%$ ), municipal debt ( $7.4 \%$ to $9.7 \%$ ), and Treasuries ( $0 \%$ to $2 \%$ ).
- Of the $\$ 9.93$ billion of collateral pledged by Morgan Stanley, $38.1 \%$ is eligible due to the expanded collateral schedule which took effect on September $15^{\text {th }}$ and $10.7 \%$ is eligible due to the transitional credit program which took effect on September $21^{\text {st }}$. The remaining $51.3 \%$ of collateral would have been eligible since the start of the facility.
- Of the $\$ 35.68$ billion of collateral pledged by all participants, $47.5 \%$ are investment grade securities, $19.3 \%$ are non-investment grade securities, $11.8 \%$ are equities, $16.9 \%$ are securities with unknown ratings, and $4.6 \%$ are whole loans pledged through the Discount Window. Foreign denominated securities account for $6 \%$ of the total collateral pledged.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 1 / 2 2 / 2 0 0 9}$ | $\mathbf{0 1 / 2 1 / 2 0 0 9}$ | $\mathbf{0 1 / 2 0 / 2 0 0 9}$ | $\mathbf{0 1 / 1 6 / 2 0 0 9}$ | $\mathbf{0 1 / 1 5 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Citigroup | 12.59 | 14.00 | 14.00 | 13.19 | 13.14 |
| Merrill Lynch | 11.23 | 11.53 | 11.35 | 11.22 | 11.80 |
| Mizuho | 0.03 | 0.03 | 0.10 | 0.12 | 0.12 |
| Morgan Stanley | 7.67 | 7.73 | 7.84 | 7.75 | 7.99 |
| Total Borrowings | $\mathbf{3 1 . 5 1}$ | $\mathbf{3 3 . 2 9}$ | $\mathbf{3 3 . 2 8}$ | $\mathbf{3 2 . 2 8}$ | $\mathbf{3 3 . 0 5}$ |
|  |  |  |  |  |  |
| Total Collateral |  |  |  |  |  |
|  | $\mathbf{3 5 . 6 8}$ | $\mathbf{3 7 . 6 1}$ | $\mathbf{3 7 . 6}$ | $\mathbf{3 6 . 5 2}$ | $\mathbf{3 7 . 3 7}$ |
| Collateral Cushion | $\mathbf{1 3 . 2 3 \%}$ | $\mathbf{1 2 . 9 8 \%}$ | $\mathbf{1 2 . 9 8 \%}$ | $\mathbf{1 3 . 1 4 \%}$ | $\mathbf{1 3 . 0 7 \%}$ |

[^47]PDCF Borrowing Trend


## Composition of Collateral Pledged for January 22 Borrowings - in millions

[^48]| Rating $^{1}$ | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley $^{2}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Treasury | 277.0 | 10.0 | - | 1.1 | 288.2 |
| Agency | 57.6 | 16.0 | - | 2.2 | 75.7 |
| AAA | $2,578.1$ | $6,220.8$ | - | $2,440.9$ | $11,239.8$ |
| AA | 280.0 | 353.7 | - | 980.6 | $1,614.3$ |
| A | 349.8 | 346.1 | 2.0 | $1,122.2$ | $1,820.1$ |
| BBB | 504.1 | 460.0 | 4.4 | 648.5 | $1,617.1$ |
| BB | $1,069.9$ | 998.2 | - | 371.7 | $2,439.8$ |
| B | $1,293.1$ | 590.5 | - | 259.3 | $2,142.9$ |
| CCC-C | $1,063.3$ | 733.8 | - | 143.6 | $1,940.7$ |
| D | 104.5 | 189.8 | - | 51.0 | 345.3 |
| A-1 | 249.1 | - | - | - | 249.1 |
| A-2 | 44.4 | - | - | - | 44.4 |
| A-3 | - | - | - | - | - |
| NP | - | - | - | - | - |
| Equity | $3,117.1$ | 413.1 | - | 673.7 | $4,203.8$ |
| Unkn Rtg (Triparty) | $2,612.8$ | $1,787.1$ | 22.3 | $1,590.9$ | $6,013.2$ |
| Unkn Rtg (non-Triparty) | - | - | - | $1,647.2$ | $1,647.2$ |
| Total Collateral | $\mathbf{1 3 , 6 0 0 . 7}$ | $\mathbf{1 2 , 1 1 9 . 1}$ | $\mathbf{2 8 . 7}$ | $\mathbf{9 , 9 3 3 . 0}$ | $\mathbf{3 5 , 6 8 1 . 6}$ |
| Total Borrowings | $\mathbf{1 2 , 5 9 4 . 0}$ | $\mathbf{1 1 , 2 2 6 . 0}$ | $\mathbf{2 6 . 8}$ | $\mathbf{7 , 6 6 5 . 7}$ | $\mathbf{3 1 , 5 1 2 . 6}$ |
| Collateral Cushion | $\mathbf{7 . 9 9 \%}$ | $\mathbf{7 . 9 6 \%}$ | $\mathbf{6 . 9 3 \%}$ | $\mathbf{2 9 . 5 8 \%}$ | $\mathbf{1 3 . 2 3 \%}$ |

Page 3 of 21

Collateral Value and Rating Distribution by Dealer


## Distribution of Total Pledged Collateral by Rating



Page 5 of 21

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $288,171,849$ | $0.81 \%$ |
| Agency | $75,728,913$ | $0.21 \%$ |
| AAA | $11,239,780,740$ | $31.50 \%$ |
| AA | $1,614,286,914$ | $4.52 \%$ |
| A | $1,820,072,894$ | $5.10 \%$ |
| BBB | $1,617,071,486$ | $4.53 \%$ |
| BB | $2,439,802,769$ | $6.84 \%$ |
| B | $1,142,948,646$ | $6.01 \%$ |
| CCC-C | $345,323,242$ | $5.44 \%$ |
| D | $249,076,381$ | $0.97 \%$ |
| A-1 | $44,377,984$ | $0.70 \%$ |
| A-2 | $4,203,842,687$ | $11.78 \%$ |
| Equity | $6,013,239,681$ | $16.85 \%$ |
| Unkn Rtg (Triparty) | $1,647,226,750$ | $4.62 \%$ |
| Unkn Rtg (non-Triparty) | $35,681,621,296$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $3,145,505,011$ | $8.82 \%$ |
| Agency Debt | $73,570,001$ | $0.21 \%$ |
| Auction Rate | $6,643,254,658$ | $18.62 \%$ |
| CDs-CP-BAs | $321,465,233$ | $0.90 \%$ |
| CMBS | $193,551,406$ | $0.54 \%$ |
| Convertible Bonds-Domestic | $1,483,187,891$ | $4.16 \%$ |
| Convertible Bonds-Foreign | $238,748,205$ | $0.67 \%$ |
| Corporates-Domestic | $4,342,108,191$ | $12.17 \%$ |
| Corporates-Foreign | $1,181,055,087$ | $3.31 \%$ |
| Equity-Domestic | $3,578,568,773$ | $10.03 \%$ |
| Equity-Foreign | $625,273,915$ | $1.75 \%$ |
| Foreign Sovereigns-Domestic | $771,214,878$ | $2.16 \%$ |
| Foreign Sovereigns-Foreign | $104,386,303$ | $0.29 \%$ |
| MBS - Agency -CMO | $2,158,913$ | $0.01 \%$ |
| MBS - Private $(C M O)$ | $3,278,967,801$ | $9.19 \%$ |
| Muni | $4,486,374,750$ | $12.57 \%$ |
| Mutual Fund | $3,232,669,733$ | $9.06 \%$ |
| Supranational | $44,161,951$ | $0.12 \%$ |
| Treasury | $288,171,849$ | $0.81 \%$ |
| Whole Loans - DW | $1,647,226,750$ | $4.62 \%$ |
| Total | $35,681,621,296$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup | ABS | AAA | 87,410,870 | 0.64\% |
|  |  | AA | 6,559,233 | 0.05\% |
|  |  | A | 34,639,964 | 0.25\% |
|  |  | BBB | 300,417,646 | 2.21\% |
|  |  | BB | 143,283,829 | 1.05\% |
|  |  | B | 286,761,598 | 2.11\% |
|  |  | CCC-C | 105,196,713 | 0.77\% |
|  |  | D | 83,002,971 | 0.61\% |
|  |  | Unkn Rtg (Triparty) | 313,350,186 | 2.30\% |
|  | Agency Debt | Agency | 57,603,216 | 0.42\% |
|  | CDs-CP-BAs | A-1 | 249,076,381 | 1.83\% |
|  |  | A-2 | 44,377,984 | 0.33\% |
|  |  | Unkn Rtg (Triparty) | 27,984,500 | 0.21\% |
|  | CMBS | Unkn Rtg (Triparty) | 153,719,618 | 1.13\% |
|  | Convertible Bonds-Domestic | BB | 34,489,315 | 0.25\% |
|  |  | B | 10,872,900 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 748,110,848 | 5.50\% |
|  | Convertible Bonds-Foreign | BB | 4,288,942 | 0.03\% |
|  |  | B | 2,365,070 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 142,845,626 | 1.05\% |
|  | Corporates-Domestic | AAA | 4,041,325 | 0.03\% |
|  |  | AA | 24,961 | 0.00\% |
|  |  | A | 53,309,564 | 0.39\% |
|  |  | BBB | 75,714,571 | 0.56\% |
|  |  | BB | 461,899,814 | 3.40\% |
|  |  | B | 34,332,740 | 0.25\% |
|  |  | CCC-C | 783,874,895 | 5.76\% |
|  |  | D | 10,257,209 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 329,118,511 | 2.42\% |
|  | Corporates-Foreign | A | 9,120,622 | 0.07\% |
|  |  | BBB | 1,375,397 | 0.01\% |
|  |  | CCC-C | 3,062,197 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 39,023,258 | 0.29\% |
|  | Equity-Domestic | Equity | 2,764,264,982 | 20.32\% |
|  | Equity-Foreign | Equity | 352,806,471 | 2.59\% |
|  | Foreign Sovereigns-Domestic | BB | 8,507,225 | 0.06\% |
|  |  | B | 14,830,551 | 0.11\% |
|  |  | CCC-C | 8,458,002 | 0.06\% |
|  | Foreign Sovereigns-Foreign | BBB | 11,720,251 | 0.09\% |
|  | MBS - Private (CMO) | AAA | 327,083,886 | 2.40\% |
|  |  | AA | 58,384,502 | 0.43\% |
|  |  | A | 104,274,605 | 0.77\% |
|  |  | BBB | Page $5,490,891$ | 0.19\% |
|  |  | BB | 375,423,414 | 2.76\% |
|  |  | B | 870,198,947 | 6.40\% |
|  |  | CCC-C | 24,389,549 | 0.18\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Muni (con't) | BBB | 89,372,077 | 0.66\% |
|  |  | BB | 41,966,747 | 0.31\% |
|  |  | B | 73,770,292 | 0.54\% |
|  |  | CCC-C | 138,292,538 | 1.02\% |
|  |  | D | 11,256,813 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 385,084,136 | 2.83\% |
|  | Mutual Fund | AAA | 1,941,375,000 | 14.27\% |
|  |  | Unkn Rtg (Triparty) | 344,441,740 | 2.53\% |
|  | Supranational | AAA | 156,804 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 7,719 | 0.00\% |
|  | Treasury | Treasury | 277,047,468 | 2.04\% |
|  | Dealer Total |  | 13,600,735,680 | 100.00\% |
| Merrill Lynch | ABS | AAA | 125,115,036 | 1.03\% |
|  |  | AA | 57,174,677 | 0.47\% |
|  |  | A | 108,546,089 | 0.90\% |
|  |  | BBB | 98,308,568 | 0.81\% |
|  |  | BB | 154,597,946 | 1.28\% |
|  |  | B | 131,197,476 | 1.08\% |
|  |  | CCC-C | 250,743,999 | 2.07\% |
|  |  | D | 140,756,737 | 1.16\% |
|  |  | Unkn Rtg (Triparty) | 200,812,688 | 1.66\% |
|  | Agency Debt | Agency | 15,966,784 | 0.13\% |
|  | Auction Rate | AAA | 5,745,070,864 | 47.40\% |
|  |  | AA | 214,686,777 | 1.77\% |
|  |  | A | 96,233,209 | 0.79\% |
|  |  | BBB | 176,046,453 | 1.45\% |
|  |  | BB | 1,502,688 | 0.01\% |
|  |  | B | 20,365 | 0.00\% |
|  |  | CCC-C | 48,951,280 | 0.40\% |
|  |  | Unkn Rtg (Triparty) | 360,743,024 | 2.98\% |
|  | Convertible Bonds-Domestic | B | 44,857,370 | 0.37\% |
|  |  | CCC-C | 56,819,028 | 0.47\% |
|  |  | D | 7,829 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 425,540,572 | 3.51\% |
|  | Corporates-Domestic | AAA | 23,629,158 | 0.19\% |
|  |  | AA | 2,865,467 | 0.02\% |
|  |  | A | 126,393,167 | 1.04\% |
|  |  | BBB | 38,334,649 | 0.32\% |
|  |  | BB | 41,993,527 | 0.35\% |
|  |  | B | 51,471,595 | 0.42\% |
|  |  | CCC-C | 358,445,017 | 2.96\% |
|  |  | D | 47,068,271 | 0.39\% |
|  |  | Unkn Rtg (Triparty) | 642,261,638 | 5.30\% |
|  | Corporates-Foreign | AAA | 1,768,944 | 0.01\% |
|  |  | AA | Page 131,01442119 | 0.01\% |
|  |  | A | 9,692,584 | 0.08\% |
|  |  | BBB | 55,772,233 | 0.46\% |
|  |  | BB | 235,952,651 | 1.95\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Foreign (con't) | Unkn Rtg (Triparty) | 150,196,495 | 1.24\% |
|  | Equity-Domestic | Equity | 413,116,344 | 3.41\% |
|  | Foreign Sovereigns-Domestic | AAA | 757,192 | 0.01\% |
|  |  | AA | 4,424,038 | 0.04\% |
|  |  | BBB | 4,036,707 | 0.03\% |
|  |  | BB | 405,541,963 | 3.35\% |
|  |  | B | 71,577,856 | 0.59\% |
|  |  | CCC-C | 536,875 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 2,973,798 | 0.02\% |
|  | Foreign Sovereigns-Foreign | BBB | 22,035,844 | 0.18\% |
|  |  | BB | 13,065,827 | 0.11\% |
|  |  | B | 8,488,987 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 1,255,774 | 0.01\% |
|  | MBS - Agency - CMO | Agency | 4,094 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 324,028,269 | 2.67\% |
|  |  | AA | 73,323,099 | 0.61\% |
|  |  | A | 5,238,094 | 0.04\% |
|  |  | BBB | 65,514,231 | 0.54\% |
|  |  | BB | 145,582,616 | 1.20\% |
|  |  | B | 268,999,829 | 2.22\% |
|  |  | CCC-C | 9,723,520 | 0.08\% |
|  |  | D | 390,708 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 3,100,453 | 0.03\% |
|  | Muni | B | 1,269,599 | 0.01\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 263,459 | 0.00\% |
|  | Supranational | AAA | 413,317 | 0.00\% |
|  | Treasury | Treasury | 9,994,598 | 0.08\% |
|  | Dealer Total |  | 12,119,142,683 | 100.00\% |
| Mizuho | Corporates-Domestic | A | 2,009,704 | 7.00\% |
|  |  | BBB | 4,400,452 | 15.32\% |
|  |  | Unkn Rtg (Triparty) | 22,305,828 | 77.68\% |
|  | Dealer Total |  | 28,715,984 | 100.00\% |
| Morgan Stanley | ABS | AAA | 295,255,006 | 2.97\% |
|  |  | AA | 92,744,997 | 0.93\% |
|  |  | A | 25,949,111 | 0.26\% |
|  |  | BBB | 29,306,806 | 0.30\% |
|  |  | BB | 31,145,770 | 0.31\% |
|  |  | CCC-C | 4,475,958 | 0.05\% |
|  |  | D | 1,201,481 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 37,549,655 | 0.38\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 26,368 | 0.00\% |
|  | CMBS | Unkn Rtg (Triparty) | 39,831,788 | 0.40\% |
|  | Convertible Bonds-Domestic | A | 2,509 | 0.00\% |
|  |  | BBB | 89,051 | 0.00\% |
|  |  | B | 1,812,150 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 160,586,320 | 1.62\% |
|  | Convertible Bonds-Foreign | BB | Page 16 0\$39,483 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 88,609,084 | 0.89\% |
|  | Corporates-Domestic | AAA | 51,052,413 | 0.51\% |
|  |  | AA | 101,341,925 | 1.02\% |
|  |  | A | 162,749,302 | 1.64\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Corporates-Domestic (con't) | BBB | 168,604,999 | 1.70\% |
|  |  | BB | 111,881,087 | 1.13\% |
|  |  | B | 71,335,189 | 0.72\% |
|  |  | CCC-C | 30,803,118 | 0.31\% |
|  |  | D | 25,509,426 | 0.26\% |
|  |  | Unkn Rtg (Triparty) | 505,078,669 | 5.08\% |
|  | Corporates-Foreign | AAA | 13,034,712 | 0.13\% |
|  |  | AA | 21,214,076 | 0.21\% |
|  |  | A | 49,248,114 | 0.50\% |
|  |  | BBB | 7,783,650 | 0.08\% |
|  |  | BB | 138,389,001 | 1.39\% |
|  |  | B | 29,643,356 | 0.30\% |
|  |  | CCC-C | 14,794,244 | 0.15\% |
|  |  | D | 24,256,913 | 0.24\% |
|  |  | Unkn Rtg (Triparty) | 352,785,900 | 3.55\% |
|  | Equity-Domestic | Equity | 401,187,447 | 4.04\% |
|  | Equity-Foreign | Equity | 272,467,443 | 2.74\% |
|  | Foreign Sovereigns-Domestic | AA | 4,671,888 | 0.05\% |
|  |  | A | 2,070,145 | 0.02\% |
|  |  | BBB | 9,149,348 | 0.09\% |
|  |  | BB | 86,109,810 | 0.87\% |
|  |  | B | 120,172,038 | 1.21\% |
|  |  | CCC-C | 13,348,802 | 0.13\% |
|  |  | Unkn Rtg (Triparty) | 14,048,641 | 0.14\% |
|  | Foreign Sovereigns-Foreign | A | 13,911,682 | 0.14\% |
|  |  | BBB | 1,033,342 | 0.01\% |
|  |  | BB | 47,224 | 0.00\% |
|  |  | B | 32,827,372 | 0.33\% |
|  | MBS - Agency - CMO | Agency | 2,154,819 | 0.02\% |
|  | MBS - Private (CMO) | AAA | 335,362,839 | 3.38\% |
|  |  | AA | 81,162,265 | 0.82\% |
|  |  | A | 34,287,795 | 0.35\% |
|  |  | BBB | 11,525,109 | 0.12\% |
|  |  | BB | 2,432,528 | 0.02\% |
|  |  | B | 3,422,082 | 0.03\% |
|  |  | CCC-C | 19,832 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 433,181 | 0.00\% |
|  | Muni | AAA | 1,081,651,555 | 10.89\% |
|  |  | AA | 679,497,932 | 6.84\% |
|  |  | A | 833,984,901 | 8.40\% |
|  |  | BBB | 421,039,211 | 4.24\% |
|  |  | BB | 1,061,363 | 0.01\% |
|  |  | B | 129,421 | 0.00\% |
|  |  | CCC-C | 80,174,516 | 0.81\% |
|  |  | D | 6,632 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 66,373,980 | 0.67\% |
|  | Mutual Fund | AAA | 620,975,000 | 6.25\% |
|  |  | Unkn Rtg (Triparty) | 325,614,534 | 3.28\% |
|  | Supranational | AAA | Page 19 of43,684,111 | 0.44\% |
|  | Treasury | Treasury | 1,129,783 | 0.01\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | y) 1,647,226,750 | 16.58\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Dealer Total |  | $9,933,026,949$ | $100.00 \%$ |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Friday, January 30
William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 02/02/2009 06:05 PM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Friday, January 30

- Total PDCF borrowing on Friday was $\$ 31.55$ billion, a decrease of $\$ 0.37$ billion from Thursday.
- Of the $\$ 14.02$ billion of collateral provided by Citigroup, $33 \%$ are investment grade securities, $22.5 \%$ are non-investment grade securities, $21.2 \%$ are equities, and $23.3 \%$ are securities with unknown ratings. Approximately $4 \%$ are foreign denominated securities.
- Over the past week, the collateral composition across all participants has shifted slightly away from equities and towards municipal debt. On Friday, the total collateral consisted primarily of auction rate securities ( $19.1 \%$ ), corporate debt ( $15.3 \%$ ), and municipal debt ( $14.3 \%$ ). Foreign denominated securities account for $5.9 \%$ of the total collateral provided.

国<br>PDCF Charts and Tables - 20090130.doc<br>Regards,<br>Tony<br>Anthony Maglia<br>Markets Group<br>Federal Reserve Bank of New York<br>212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Friday, January 30, 2009

## Highlights

- Total PDCF borrowing on Friday was $\$ 31.55$ billion, a decrease of $\$ 0.37$ billion from Thursday.
- Of the $\$ 14.02$ billion of collateral provided by Citigroup, $33 \%$ are investment grade securities, $22.5 \%$ are non-investment grade securities, $21.2 \%$ are equities, and $23.3 \%$ are securities with unknown ratings. Approximately $4 \%$ are foreign denominated securities.
- Over the past week, the collateral composition across all participants has shifted slightly away from equities and towards municipal debt. On Friday, the total collateral consisted primarily of auction rate securities (19.1\%), corporate debt (15.3\%), and municipal debt ( $14.3 \%$ ). Foreign denominated securities account for $5.9 \%$ of the total collateral provided.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 1 / 3 0 / 2 0 0 9}$ | $\mathbf{0 1 / 2 9 / 2 0 0 9}$ | $\mathbf{0 1 / 2 8 / 2 0 0 9}$ | $\mathbf{0 1 / 2 7 / 2 0 0 9}$ | $\mathbf{0 1 / 2 6 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 1.13 | 1.19 | 1.44 | 1.47 | - |
| Citigroup | 12.99 | 12.99 | 13.02 | 13.05 | 13.02 |
| Merrill Lynch | 9.89 | 10.00 | 9.97 | 9.98 | 11.31 |
| Mizuho | 0.07 | 0.06 | 0.06 | 0.09 | 0.02 |
| Morgan Stanley | 7.46 | 7.67 | 7.71 | 7.69 | 7.76 |
| Total Borrowings | $\mathbf{3 1 . 5 5}$ | $\mathbf{3 1 . 9 2}$ | $\mathbf{3 2 . 2 0}$ | $\mathbf{3 2 . 2 8}$ | $\mathbf{3 2 . 1 1}$ |
|  |  |  |  |  |  |
| Total Collateral $^{*}$ | $\mathbf{3 5 . 6 8}$ | $\mathbf{3 6 . 0 9}$ | $\mathbf{3 6 . 4 2}$ | $\mathbf{3 6 . 5 2}$ | $\mathbf{3 6 . 3 3}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 3 . 0 9 \%}$ | $\mathbf{1 3 . 0 6 \%}$ | $\mathbf{1 3 . 1 1 \%}$ | $\mathbf{1 3 . 1 4 \%}$ | $\mathbf{1 3 . 1 4 \%}$ |

* Includes additional commercial loans in a Borrower-In-Custody arrangement.

PDCF Borrowing Trend


03/17/2008 04/14/2008 05/09/2008 06/06/2008 07/03/2008 07/31/2008 08/27/2008 09/24/2008 10/22/2008 11/19/2008 12/17/2008 01/15/2009 Date

## Composition of Collateral Pledged for January 30 Borrowings - in millions

[^49]| Rating $^{1}$ | Bank of America | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley $^{\mathbf{2}}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Treasury | - | 195.3 | 10.1 | - | 1.1 | 206.6 |
| Agency | - | 390.5 | 14.6 | - | 4.6 | 408.7 |
| AAA | 22.0 | $2,335.7$ | $6,324.6$ | 4.0 | $2,392.5$ | $11,078.7$ |
| AA | 14.8 | 437.3 | 206.3 | - | 944.8 | $1,603.2$ |
| A | 6.4 | 415.4 | 335.9 | 19.9 | $1,078.7$ | $1,856.3$ |
| BBB | 49.1 | 596.5 | 294.0 | 3.7 | 662.4 | $1,605.7$ |
| BB | 111.4 | $1,049.1$ | 666.0 | - | 348.8 | $2,175.3$ |
| B | 393.7 | 777.6 | 289.2 | - | 182.3 | $1,642.9$ |
| CCC-C | 440.3 | $1,219.3$ | 379.0 | - | 136.6 | $2,175.2$ |
| D | 64.4 | 112.1 | 18.9 | - | 54.9 | 250.4 |
| A-1 | - | 249.2 | - | - | - | 249.2 |
| A-2 | - | 2.2 | - | - | - | 2.2 |
| A-3 | - | - | - | - | - | - |
| NP | - | - | - | - | - | - |
| Equity | 17.3 | $2,967.6$ | 558.6 | 36.6 | 641.6 | $4,221.6$ |
| Unkn Rtg (Triparty) | 150.0 | $3,268.6$ | $1,525.9$ | 9.2 | $\mathbf{1 , 6 1 6 . 2}$ | $6,569.9$ |
| Unkn Rtg (non-Triparty) | - | - | - | - | $1,638.2$ | $1,638.2$ |
| Total Collateral | $\mathbf{1 , 2 6 9 . 5}$ | $\mathbf{1 4 , 0 1 6 . 4}$ | $\mathbf{1 0 , 6 2 3 . 0}$ | $\mathbf{7 3 . 4}$ | $\mathbf{9 , 7 0 1 . 8}$ | $\mathbf{3 5 , 6 8 4 . 1}$ |
| Total Borrowings | $\mathbf{1 , 1 3 4 . 0}$ | $\mathbf{1 2 , 9 9 4 . 0}$ | $\mathbf{9 , 8 9 4 . 0}$ | $\mathbf{6 8 . 6}$ | $\mathbf{7 , 4 6 2 . 5}$ | $\mathbf{3 1 , 5 5 3 . 2}$ |
| Collateral Cushion | $\mathbf{1 1 . 9 4 \%}$ | $\mathbf{7 . 8 7 \%}$ | $\mathbf{7 . 3 7 \%}$ | $\mathbf{7 . 0 0 \%}$ | $\mathbf{3 0 . 0 1 \%}$ | $\mathbf{1 3 . 0 9 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Page 5 of 21

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $206,551,469$ | $0.58 \%$ |
| Agency | $408,668,088$ | $1.15 \%$ |
| AAA | $11,078,741,451$ | $31.05 \%$ |
| AA | $1,603,222,931$ | $4.49 \%$ |
| A | $1,856,320,442$ | $5.20 \%$ |
| BBB | $1,605,668,819$ | $4.50 \%$ |
| BB | $2,175,306,743$ | $6.10 \%$ |
| B | $1,642,868,470$ | $4.60 \%$ |
| CCC-C | $2,175,170,054$ | $6.10 \%$ |
| D | $250,389,105$ | $0.70 \%$ |
| A-1 | $249,207,678$ | $0.70 \%$ |
| A-2 | $2,243,818$ | $0.01 \%$ |
| Equity | $4,221,637,886$ | $11.83 \%$ |
| Unkn Rtg (Triparty) | $6,569,895,499$ | $18.41 \%$ |
| Unkn Rtg (non-Triparty) | $1,638,226,750$ | $4.59 \%$ |
| Total | $35,684,119,202$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,958,891,856$ | $8.29 \%$ |
| Agency Debt | $405,887,357$ | $1.14 \%$ |
| Auction Rate | $6,810,969,798$ | $19.09 \%$ |
| CDs-CP-BAs | $254,215,516$ | $0.71 \%$ |
| CMBS | $34,770,993$ | $0.10 \%$ |
| Convertible Bonds-Domestic | $1,918,400,895$ | $5.38 \%$ |
| Convertible Bonds-Foreign | $362,314,241$ | $1.02 \%$ |
| Corporates-Domestic | $4,290,592,271$ | $12.02 \%$ |
| Corporates-Foreign | $1,169,900,488$ | $3.28 \%$ |
| Equity-Domestic | $3,748,558,432$ | $10.50 \%$ |
| Equity-Foreign | $473,079,454$ | $1.33 \%$ |
| Foreign Sovereigns-Domestic | $529,352,158$ | $1.48 \%$ |
| Foreign Sovereigns-Foreign | $92,466,207$ | $0.26 \%$ |
| MBS - Agency -CMO | $2,780,732$ | $0.01 \%$ |
| MBS - Private $(C M O)$ | $2,512,031,358$ | $7.04 \%$ |
| Muni | $5,114,201,134$ | $14.33 \%$ |
| Mutual Fund | $3,157,770,682$ | $8.85 \%$ |
| Supranational | $3,157,413$ | $0.01 \%$ |
| Treasury | $206,551,469$ | $0.58 \%$ |
| Whole Loans - DW | $1,638,226,750$ | $4.59 \%$ |
| Total | $35,684,119,202$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 14,801,120 | 1.17\% |
|  |  | A | 6,392,395 | 0.50\% |
|  |  | BBB | 45,808,325 | 3.61\% |
|  |  | BB | 75,269,614 | 5.93\% |
|  |  | B | 127,800,895 | 10.07\% |
|  |  | CCC-C | 185,174,464 | 14.59\% |
|  |  | D | 60,930,044 | 4.80\% |
|  |  | Unkn Rtg (Triparty) | 123,872,816 | 9.76\% |
|  | Equity-Domestic | Equity | 17,344,412 | 1.37\% |
|  | MBS - Private (CMO) | AAA | 21,981,364 | 1.73\% |
|  |  | BBB | 3,310,004 | 0.26\% |
|  |  | BB | 36,111,179 | 2.84\% |
|  |  | B | 265,904,429 | 20.95\% |
|  |  | CCC-C | 255,157,765 | 20.10\% |
|  |  | D | 3,501,718 | 0.28\% |
|  |  | Unkn Rtg (Triparty) | 26,108,513 | 2.06\% |
|  | Dealer Total |  | 1,269,469,056 | 100.00\% |
| Citigroup | ABS | AAA | 78,163,510 | 0.56\% |
|  |  | AA | 6,567,170 | 0.05\% |
|  |  | A | 37,344,513 | 0.27\% |
|  |  | BBB | 241,761,686 | 1.72\% |
|  |  | BB | 152,426,809 | 1.09\% |
|  |  | B | 338,404,609 | 2.41\% |
|  |  | CCC-C | 157,671,490 | 1.12\% |
|  |  | D | 79,578,584 | 0.57\% |
|  |  | Unkn Rtg (Triparty) | 370,688,952 | 2.64\% |
|  | Agency Debt | Agency | 390,486,027 | 2.79\% |
|  | CDs-CP-BAs | A-1 | 249,207,678 | 1.78\% |
|  |  | A-2 | 2,243,818 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 2,738,712 | 0.02\% |
|  | Convertible Bonds-Domestic | A | 11,786,402 | 0.08\% |
|  |  | BB | 34,319,493 | 0.24\% |
|  |  | B | 29,872,450 | 0.21\% |
|  |  | Unkn Rtg (Triparty) | 1,200,428,256 | 8.56\% |
|  | Convertible Bonds-Foreign | BB | 4,053,829 | 0.03\% |
|  |  | B | 1,974,262 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 260,305,475 | 1.86\% |
|  | Corporates-Domestic | AAA | 2,579,723 | 0.02\% |
|  |  | AA | 24,942 | 0.00\% |
|  |  | A | 53,179,426 | 0.38\% |
|  |  | BBB | 75,900,702 | 0.54\% |
|  |  | BB | 438,216,435 | 3.13\% |
|  |  | B | Page 10 033,671,341 | 0.24\% |
|  |  | CCC-C | 787,307,771 | 5.62\% |
|  |  | D | 13,098,114 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 333,737,573 | 2.38\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Equity-Domestic | Equity | 2,738,567,402 | 19.54\% |
|  | Equity-Foreign | Equity | 228,985,560 | 1.63\% |
|  | MBS - Private (CMO) | AAA | 100,418,402 | 0.72\% |
|  |  | AA | 57,609,314 | 0.41\% |
|  |  | A | 103,772,656 | 0.74\% |
|  |  | BBB | 20,917,049 | 0.15\% |
|  |  | BB | 372,251,046 | 2.66\% |
|  |  | B | 301,142,830 | 2.15\% |
|  |  | CCC-C | 134,481,725 | 0.96\% |
|  |  | D | 9,823,003 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 131,666,515 | 0.94\% |
|  | Muni | AAA | 278,854,637 | 1.99\% |
|  |  | AA | 373,129,004 | 2.66\% |
|  |  | A | 200,025,123 | 1.43\% |
|  |  | BBB | 256,729,235 | 1.83\% |
|  |  | BB | 47,652,433 | 0.34\% |
|  |  | B | 73,121,155 | 0.52\% |
|  |  | CCC-C | 137,835,834 | 0.98\% |
|  |  | D | 9,642,930 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 596,545,059 | 4.26\% |
|  | Mutual Fund | AAA | 1,875,500,000 | 13.38\% |
|  |  | Unkn Rtg (Triparty) | 321,532,514 | 2.29\% |
|  | Supranational | AAA | 154,697 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 7,691 | 0.00\% |
|  | Treasury | Treasury | 195,320,917 | 1.39\% |
|  | Dealer Total |  | 14,016,428,376 | 100.00\% |
| Merrill Lynch | ABS | AAA | 38,026,641 | 0.36\% |
|  |  | AA | 26,537,160 | 0.25\% |
|  |  | A | 72,492,504 | 0.68\% |
|  |  | BBB | 41,521,525 | 0.39\% |
|  |  | BB | 38,951,986 | 0.37\% |
|  |  | B | 19,399,436 | 0.18\% |
|  |  | CCC-C | 43,258,229 | 0.41\% |
|  |  | D | 633,827 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 71,203,613 | 0.67\% |
|  | Agency Debt | Agency | 14,548,950 | 0.14\% |
|  | Auction Rate | AAA | 6,035,602,196 | 56.82\% |
|  |  | AA | 169,769,071 | 1.60\% |
|  |  | A | 112,085,906 | 1.06\% |
|  |  | BBB | 127,889,276 | 1.20\% |
|  |  | CCC-C | 26,551,273 | 0.25\% |
|  |  | Unkn Rtg (Triparty) | 339,072,078 | 3.19\% |
|  | Convertible Bonds-Domestic | B | 9,106,553 | 0.09\% |
|  |  | CCC-C | 50,007,824 | 0.47\% |
|  |  | Unkn Rtg (Triparty) | Page 419,0912442 | 3.95\% |
|  | Corporates-Domestic | AAA | 18,466,231 | 0.17\% |
|  |  | AA | 1,367,887 | 0.01\% |
|  |  | A | 141,236,408 | 1.33\% |

## Collateral Composition by Dealer (continued)



## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Agency Debt | Agency | 852,380 | 0.01\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 25,308 | 0.00\% |
|  | CMBS | Unkn Rtg (Triparty) | 34,770,993 | 0.36\% |
|  | Convertible Bonds-Domestic | BBB | 89,121 | 0.00\% |
|  |  | B | 1,850,325 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 160,989,029 | 1.66\% |
|  | Convertible Bonds-Foreign | Unkn Rtg (Triparty) | 95,980,675 | 0.99\% |
|  | Corporates-Domestic | AAA | 58,639,374 | 0.60\% |
|  |  | AA | 132,679,217 | 1.37\% |
|  |  | A | 157,517,112 | 1.62\% |
|  |  | BBB | 181,609,671 | 1.87\% |
|  |  | BB | 107,595,132 | 1.11\% |
|  |  | B | 68,853,490 | 0.71\% |
|  |  | CCC-C | 34,099,660 | 0.35\% |
|  |  | D | 23,944,353 | 0.25\% |
|  |  | Unkn Rtg (Triparty) | 497,879,930 | 5.13\% |
|  | Corporates-Foreign | AAA | 6,562,593 | 0.07\% |
|  |  | AA | 21,865,024 | 0.23\% |
|  |  | A | 45,336,598 | 0.47\% |
|  |  | BBB | 13,892,244 | 0.14\% |
|  |  | BB | 161,037,598 | 1.66\% |
|  |  | B | 19,378,198 | 0.20\% |
|  |  | CCC-C | 17,406,667 | 0.18\% |
|  |  | D | 29,759,705 | 0.31\% |
|  |  | Unkn Rtg (Triparty) | 339,486,103 | 3.50\% |
|  | Equity-Domestic | Equity | 397,485,387 | 4.10\% |
|  | Equity-Foreign | Equity | 244,093,894 | 2.52\% |
|  | Foreign Sovereigns-Domestic | AA | 4,687,238 | 0.05\% |
|  |  | BBB | 10,232,129 | 0.11\% |
|  |  | BB | 46,689,892 | 0.48\% |
|  |  | B | 47,264,208 | 0.49\% |
|  |  | Unkn Rtg (Triparty) | 10,021,308 | 0.10\% |
|  | Foreign Sovereigns-Foreign | BBB | 1,299,564 | 0.01\% |
|  |  | BB | 44,656 | 0.00\% |
|  |  | B | 33,468,154 | 0.34\% |
|  |  | Unkn Rtg (Triparty) | 21,514,771 | 0.22\% |
|  | MBS - Agency - CMO | Agency | 2,778,119 | 0.03\% |
|  | MBS - Private (CMO) | AAA | 342,929,105 | 3.53\% |
|  |  | AA | 45,045,450 | 0.46\% |
|  |  | A | 14,226,235 | 0.15\% |
|  |  | BBB | 11,393,836 | 0.12\% |
|  |  | BB | 2,575,627 | 0.03\% |
|  |  | B | 6,580,446 | 0.07\% |
|  |  | CCC-C | 431,548 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 726,939 | 0.01\% |
|  | Muni | AAA | 1,064,381,586 | 10.97\% |
|  |  | AA | 646,346,252 | 6.66\% |
|  |  | A | 838,710,565 | 8.64\% |
|  |  | BBB | Page 1498022120 | 4.31\% |
|  |  | BB | 970,050 | 0.01\% |
|  |  | B | 135,552 | 0.00\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral |  | Rating | Dollar Value |
| :--- | :--- | :--- | ---: | ---: |
| Morgan Stanley (con't) | Muni (con't) | CCC-C | $80,174,823$ | $0.83 \%$ |
|  |  | D | 6,663 | $0.00 \%$ |
|  |  | Unkn Rtg (Triparty) | $90,409,920$ | $0.93 \%$ |
|  |  | MuAtual Fund | UAA | $634,350,000$ |
|  | Unkn Rtg (Triparty) | $6.54 \%$ |  |  |
|  | Supranational | AAA | $326,388,168$ | $3.36 \%$ |
|  | Treasury | $1,558,352$ | $0.03 \%$ |  |
|  | Treasury | $1,092,362$ | $0.01 \%$ |  |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | $1,638,226,750$ | $16.89 \%$ |
|  | Dealer Total |  | $9,701,777,108$ | $100.00 \%$ |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

## RESTRICTED FR

## Highlights for Monday, February 2

- Total PDCF borrowing on Monday was $\$ 30.64$ billion, a decline of $\$ 0.91$ billion from Friday. This was the fourth consecutive day of declining borrowing through the program.
- Bank of America and Merrill Lynch are borrowing a combined $\$ 11$ billion against $\$ 11.83$ billion of collateral. The collateral provided by Bank of America continues to be substantially similar to a portion of the collateral provided by Merrill Lynch on January 26th, the day before Bank of America resumed borrowing through the facility.
- Of the $\$ 34.65$ billion of total collateral provided by all participants, $51.2 \%$ are investment grade securities, $19.9 \%$ are non-investment grade securities, $6.8 \%$ are equities, $17.4 \%$ are securities with unknown ratings, and $4.7 \%$ are whole loans pledged through the Discount Window. Approximately $5 \%$ of total collateral are foreign denominated securities.


Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Monday, February 02, 2009

## Highlights

- Total PDCF borrowing on Monday was $\$ 30.64$ billion, a decline of $\$ 0.91$ billion from Friday. This was the fourth consecutive day of declining borrowing through the program.
- Bank of America and Merrill Lynch are borrowing a combined $\$ 11$ billion against $\$ 11.83$ billion of collateral. The collateral provided by Bank of America continues to be substantially similar to a portion of the collateral provided by Merrill Lynch on January $26^{\text {th }}$, the day before Bank of America resumed borrowing through the facility.
- Of the $\$ 34.65$ billion of total collateral provided by all participants, $51.2 \%$ are investment grade securities, $19.9 \%$ are noninvestment grade securities, $6.8 \%$ are equities, $17.4 \%$ are securities with unknown ratings, and $4.7 \%$ are whole loans pledged through the Discount Window. Approximately $5 \%$ of total collateral are foreign denominated securities.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 2 / 0 2 / 2 0 0 9}$ | $\mathbf{0 1 / 3 0 / 2 0 0 9}$ | $\mathbf{0 1 / 2 9 / 2 0 0 9}$ | $\mathbf{0 1 / 2 8 / 2 0 0 9}$ | $\mathbf{0 1 / 2 7 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 1.25 | 1.13 | 1.19 | 1.44 | 1.47 |
| Citigroup | 13.07 | 12.99 | 12.99 | 13.02 | 13.05 |
| Merrill Lynch | 9.75 | 9.89 | 10.00 | 9.97 | 9.98 |
| Mizuho | 0.07 | 0.07 | 0.06 | 0.06 | 0.09 |
| Morgan Stanley | 6.50 | 7.46 | 7.67 | 7.71 | 7.69 |
| Total Borrowings | $\mathbf{3 0 . 6 4}$ | $\mathbf{3 1 . 5 5}$ | $\mathbf{3 1 . 9 2}$ | $\mathbf{3 2 . 2 0}$ | $\mathbf{3 2 . 2 8}$ |
|  |  |  |  |  |  |
| Total Collateral $^{*}$ | $\mathbf{3 4 . 6 5}$ | $\mathbf{3 5 . 6 8}$ | $\mathbf{3 6 . 0 9}$ | $\mathbf{3 6 . 4 2}$ | $\mathbf{3 6 . 5 2}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 3 . 0 9 \%}$ | $\mathbf{1 3 . 0 9 \%}$ | $\mathbf{1 3 . 0 6 \%}$ | $\mathbf{1 3 . 1 1 \%}$ | $\mathbf{1 3 . 1 4 \%}$ |

[^50]
## PDCF Borrowing Trend



## Composition of Collateral Pledged for February 02 Borrowings - in millions

[^51]| Rating $^{1}$ | Bank of America | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley $^{\mathbf{2}}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Treasury | - | 207.7 | 10.1 | - | - | 217.8 |
| Agency | - | 368.0 | 14.8 | - | 11.7 | 394.5 |
| AAA | 22.0 | $2,215.8$ | $6,396.0$ | 39.3 | $2,307.6$ | $10,980.8$ |
| AA | 59.7 | 149.9 | 143.2 | 0.4 | 949.2 | $1,302.3$ |
| A | 15.9 | 310.1 | 388.4 | 36.6 | $1,124.2$ | $1,875.2$ |
| BBB | 49.2 | 786.1 | 293.4 | 3.7 | 674.4 | $1,806.7$ |
| BB | 111.6 | $1,196.6$ | 657.9 | - | 365.7 | $2,331.8$ |
| B | 378.7 | 858.9 | 250.3 | - | 236.7 | $1,724.6$ |
| CCC-C | 490.9 | $1,515.3$ | 398.3 | - | 146.3 | $2,550.8$ |
| D | 64.3 | 131.9 | 22.4 | - | 51.8 | 270.4 |
| A-1 | - | $1,079.9$ | - | - | - | $1,079.9$ |
| A-2 | - | 93.4 | - | - | - | 93.4 |
| A-3 | - | - | - | - | - | - |
| NP | - | - | - | - | - | - |
| Equity | 17.4 | $1,806.6$ | 402.5 | - | 118.0 | $2,344.4$ |
| Unkn Rtg (Triparty) | 150.0 | $3,379.8$ | $\mathbf{1 , 4 9 0 . 3}$ | - | $\mathbf{1 , 0 1 8 . 3}$ | $6,038.3$ |
| Unkn Rtg (non-Triparty) | - | - | - | - | $\mathbf{1 , 6 3 8 . 2}$ | $\mathbf{1 , 6 3 8 . 2}$ |
| Total Collateral | $\mathbf{1 , 3 5 9 . 6}$ | $\mathbf{1 4 , 1 0 0 . 0}$ | $\mathbf{1 0 , 4 6 7 . 5}$ | $\mathbf{8 0 . 0}$ | $\mathbf{8 , 6 4 2 . 1}$ | $\mathbf{3 4 , 6 4 9 . 2}$ |
| Total Borrowings | $\mathbf{1 , 2 4 9 . 9}$ | $\mathbf{1 3 , 0 7 0 . 0}$ | $\mathbf{9 , 7 5 2 . 0}$ | $\mathbf{7 4 . 8}$ | $\mathbf{6 , 4 9 7 . 0}$ | $\mathbf{3 0 , 6 4 3 . 7}$ |
| Collateral Cushion | $\mathbf{8 . 7 8 \%}$ | $\mathbf{7 . 8 8 \%}$ | $\mathbf{7 . 3 4 \%}$ | $\mathbf{6 . 9 5 \%}$ | $\mathbf{3 3 . 0 2 \%}$ | $\mathbf{1 3 . 0 7 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $217,815,282$ | $0.63 \%$ |
| Agency | $394,538,899$ | $1.14 \%$ |
| AAA | $10,980,771,118$ | $31.69 \%$ |
| AA | $1,302,255,493$ | $3.76 \%$ |
| A | $1,875,200,889$ | $5.41 \%$ |
| BBB | $1,806,747,033$ | $5.21 \%$ |
| BB | $2,331,755,052$ | $6.73 \%$ |
| B | $1,724,612,200$ | $4.98 \%$ |
| CCC-C | $2,550,774,480$ | $7.36 \%$ |
| D | $270,444,160$ | $0.78 \%$ |
| A-1 | $1,079,887,306$ | $3.12 \%$ |
| A-2 | $93,424,241$ | $0.27 \%$ |
| Equity | $6,344,444,217$ | $6.77 \%$ |
| Unkn Rtg (Triparty) | $6,038,290,019$ | $17.43 \%$ |
| Unkn Rtg (non-Triparty) | $1,638,226,750$ | $4.73 \%$ |
| Total | $34,649,187,139$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,944,522,519$ | $8.50 \%$ |
| Agency Debt | $394,271,311$ | $1.14 \%$ |
| Auction Rate | $6,903,750,969$ | $19.92 \%$ |
| CDs-CP-BAs | $1,173,331,718$ | $3.39 \%$ |
| Convertible Bonds-Domestic | $1,795,713,527$ | $5.18 \%$ |
| Convertible Bonds-Foreign | $248,153,733$ | $0.72 \%$ |
| Corporates-Domestic | $5,232,789,510$ | $15.10 \%$ |
| Corporates-Foreign | $1,165,569,709$ | $3.36 \%$ |
| Equity-Domestic | $2,118,172,241$ | $6.11 \%$ |
| Equity-Foreign | $226,271,977$ | $0.65 \%$ |
| Foreign Sovereigns-Domestic | $611,193,711$ | $1.76 \%$ |
| Foreign Sovereigns-Foreign | $90,570,673$ | $0.26 \%$ |
| MBS - Agency - CMO | 267,588 | $0.00 \%$ |
| MBS - Private (CMO) | $2,659,113,873$ | $7.67 \%$ |
| Muni | $4,369,466,436$ | $12.61 \%$ |
| Mutual Fund | $2,858,503,834$ | $8.25 \%$ |
| Supranational | $1,481,779$ | $0.00 \%$ |
| Treasury | $217,815,282$ | $0.63 \%$ |
| Whole Loans - DW | $3,638,226,750$ | $4.73 \%$ |
| Total |  |  |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 14,807,761 | 1.09\% |
|  |  | A | 15,197,066 | 1.12\% |
|  |  | BBB | 45,855,922 | 3.37\% |
|  |  | BB | 75,421,479 | 5.55\% |
|  |  | B | 127,841,412 | 9.40\% |
|  |  | CCC-C | 185,092,644 | 13.61\% |
|  |  | D | 60,844,097 | 4.48\% |
|  |  | Unkn Rtg (Triparty) | 123,918,274 | 9.11\% |
|  | Equity-Domestic | Equity | 17,379,305 | 1.28\% |
|  | MBS - Private (CMO) | AAA | 21,957,000 | 1.61\% |
|  |  | AA | 44,846,034 | 3.30\% |
|  |  | A | 678,659 | 0.05\% |
|  |  | BBB | 3,313,114 | 0.24\% |
|  |  | BB | 36,144,015 | 2.66\% |
|  |  | B | 250,862,976 | 18.45\% |
|  |  | CCC-C | 305,847,603 | 22.50\% |
|  |  | D | 3,496,890 | 0.26\% |
|  |  | Unkn Rtg (Triparty) | 26,063,375 | 1.92\% |
|  | Muni | AAA | 199 | 0.00\% |
|  | Dealer Total |  | 1,359,567,824 | 100.00\% |
| Citigroup | ABS | AAA | 77,839,215 | 0.55\% |
|  |  | AA | 6,569,154 | 0.05\% |
|  |  | A | 31,093,035 | 0.22\% |
|  |  | BBB | 244,837,960 | 1.74\% |
|  |  | BB | 138,935,420 | 0.99\% |
|  |  | B | 317,347,496 | 2.25\% |
|  |  | CCC-C | 178,557,284 | 1.27\% |
|  |  | D | 80,110,905 | 0.57\% |
|  |  | Unkn Rtg (Triparty) | 367,486,209 | 2.61\% |
|  | Agency Debt | Agency | 367,971,956 | 2.61\% |
|  | CDs-CP-BAs | A-1 | 1,079,887,306 | 7.66\% |
|  |  | A-2 | 93,424,241 | 0.66\% |
|  | Convertible Bonds-Domestic | A | 28,212,583 | 0.20\% |
|  |  | BB | 34,348,586 | 0.24\% |
|  |  | B | 29,938,150 | 0.21\% |
|  |  | Unkn Rtg (Triparty) | 1,166,557,094 | 8.27\% |
|  | Convertible Bonds-Foreign | BB | 4,058,568 | 0.03\% |
|  |  | B | 1,974,262 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 241,840,147 | 1.72\% |
|  | Corporates-Domestic | AAA | 2,579,723 | 0.02\% |
|  |  | AA | 24,852 | 0.00\% |
|  |  | A | 53,185,518 | 0.38\% |
|  |  | BBB | Page 10 362,592,591 | 2.57\% |
|  |  | BB | 594,844,844 | 4.22\% |
|  |  | B | 135,360,027 | 0.96\% |
|  |  | CCC-C | 982,890,067 | 6.97\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Corporates-Foreign (con't) | CCC-C | 2,011,294 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 101,597,974 | 0.72\% |
|  | Equity-Domestic | Equity | 1,580,344,542 | 11.21\% |
|  | Equity-Foreign | Equity | 226,271,977 | 1.60\% |
|  | MBS - Private (CMO) | AAA | 100,208,659 | 0.71\% |
|  |  | AA | 57,632,018 | 0.41\% |
|  |  | A | 103,646,735 | 0.74\% |
|  |  | BBB | 20,728,985 | 0.15\% |
|  |  | BB | 376,382,807 | 2.67\% |
|  |  | B | 301,067,406 | 2.14\% |
|  |  | CCC-C | 213,862,818 | 1.52\% |
|  |  | D | 9,802,388 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 129,522,349 | 0.92\% |
|  | Muni | AAA | 163,965,711 | 1.16\% |
|  |  | AA | 85,638,379 | 0.61\% |
|  |  | A | 84,915,439 | 0.60\% |
|  |  | BBB | 156,754,541 | 1.11\% |
|  |  | BB | 47,887,331 | 0.34\% |
|  |  | B | 73,187,648 | 0.52\% |
|  |  | CCC-C | 137,946,848 | 0.98\% |
|  |  | D | 9,653,233 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 512,238,971 | 3.63\% |
|  | Mutual Fund | AAA | 1,871,100,000 | 13.27\% |
|  |  | Unkn Rtg (Triparty) | 316,578,834 | 2.25\% |
|  | Supranational | AAA | 154,015 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 7,693 | 0.00\% |
|  | Treasury | Treasury | 207,676,694 | 1.47\% |
|  | Dealer Total |  | 14,100,001,262 | 100.00\% |
| Merrill Lynch | ABS | AAA | 47,538,397 | 0.45\% |
|  |  | AA | 26,023,383 | 0.25\% |
|  |  | A | 71,753,730 | 0.69\% |
|  |  | BBB | 40,203,842 | 0.38\% |
|  |  | BB | 38,476,594 | 0.37\% |
|  |  | B | 19,249,821 | 0.18\% |
|  |  | CCC-C | 43,264,293 | 0.41\% |
|  |  | D | 634,211 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 70,369,893 | 0.67\% |
|  | Agency Debt | Agency | 14,834,403 | 0.14\% |
|  | Auction Rate | AAA | 6,098,872,963 | 58.26\% |
|  |  | AA | 107,213,866 | 1.02\% |
|  |  | A | 174,115,679 | 1.66\% |
|  |  | BBB | 134,883,289 | 1.29\% |
|  |  | BB | 1,576,755 | 0.02\% |
|  |  | B | 12,335 | 0.00\% |
|  |  | CCC-C | Page 143,6982891 | 0.42\% |
|  |  | Unkn Rtg (Triparty) | 343,467,191 | 3.28\% |
|  | Convertible Bonds-Domestic | BBB | 12,398,466 | 0.12\% |
|  |  | B | 8,998,369 | 0.09\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Domestic (con't) | AA | 1,367,887 | 0.01\% |
|  |  | A | 132,558,833 | 1.27\% |
|  |  | BBB | 23,909,803 | 0.23\% |
|  |  | BB | 64,085,932 | 0.61\% |
|  |  | B | 130,431,021 | 1.25\% |
|  |  | CCC-C | 254,277,205 | 2.43\% |
|  |  | D | 20,867,809 | 0.20\% |
|  |  | Unkn Rtg (Triparty) | 555,337,204 | 5.31\% |
|  | Corporates-Foreign | AAA | 1,335,110 | 0.01\% |
|  |  | AA | 901,750 | 0.01\% |
|  |  | A | 9,769,318 | 0.09\% |
|  |  | BBB | 55,678,472 | 0.53\% |
|  |  | BB | 217,169,402 | 2.07\% |
|  |  | B | 17,824,717 | 0.17\% |
|  |  | CCC-C | 4,282,831 | 0.04\% |
|  |  | D | 919,736 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 67,753,025 | 0.65\% |
|  | Equity-Domestic | Equity | 402,457,795 | 3.84\% |
|  | Foreign Sovereigns-Domestic | AAA | 758,915 | 0.01\% |
|  |  | AA | 4,492,573 | 0.04\% |
|  |  | BBB | 2,172,573 | 0.02\% |
|  |  | BB | 326,221,262 | 3.12\% |
|  |  | B | 65,319,411 | 0.62\% |
|  |  | CCC-C | 558,359 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 2,981,619 | 0.03\% |
|  | Foreign Sovereigns-Foreign | BBB | 15,224,061 | 0.15\% |
|  |  | BB | 9,843,180 | 0.09\% |
|  |  | B | 7,236,950 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 2,118,731 | 0.02\% |
|  | MBS - Private (CMO) | AAA | 229,506,826 | 2.19\% |
|  |  | AA | 3,166,206 | 0.03\% |
|  |  | A | 207,952 | 0.00\% |
|  |  | BBB | 8,885,777 | 0.08\% |
|  |  | BB | 479,266 | 0.00\% |
|  |  | CCC-C | 541,892 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 925,033 | 0.01\% |
|  | Muni | B | 1,271,492 | 0.01\% |
|  | Treasury | Treasury | 10,138,588 | 0.10\% |
|  | Dealer Total |  | 10,467,480,964 | 100.00\% |
| Mizuho | Corporates-Domestic | AAA | 39,337,328 | 49.15\% |
|  |  | AA | 407,028 | 0.51\% |
|  |  | A | 36,597,747 | 45.72\% |
|  |  | BBB | 3,697,134 | 4.62\% |
|  | Dealer Total |  | 80,039,237 | 100.00\% |
| Morgan Stanley | ABS | AAA | 276,991,449 | 3.21\% |
|  |  | AA | 92,464,084 | 1.07\% |
|  |  | A | Page 1623188,243 | 0.27\% |
|  |  | BBB | 25,589,007 | 0.30\% |
|  |  | BB | 29,806,907 | 0.34\% |
|  |  | B | 3,758,323 | 0.04\% |
|  |  | CCC-C | 4,480,840 | 0.05\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | ABS (con't) | D | 1,227,919 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 37,546,255 | 0.43\% |
|  | Agency Debt | Agency | 11,464,952 | 0.13\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 20,170 | 0.00\% |
|  | Convertible Bonds-Domestic | B | 1,861,275 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 14,364,545 | 0.17\% |
|  | Convertible Bonds-Foreign | Unkn Rtg (Triparty) | 280,757 | 0.00\% |
|  | Corporates-Domestic | AAA | 60,638,673 | 0.70\% |
|  |  | AA | 102,395,468 | 1.18\% |
|  |  | A | 191,273,162 | 2.21\% |
|  |  | BBB | 178,301,802 | 2.06\% |
|  |  | BB | 100,091,243 | 1.16\% |
|  |  | B | 66,543,649 | 0.77\% |
|  |  | CCC-C | 32,796,182 | 0.38\% |
|  |  | D | 21,173,471 | 0.25\% |
|  |  | Unkn Rtg (Triparty) | 490,964,278 | 5.68\% |
|  | Corporates-Foreign | AAA | 6,065,575 | 0.07\% |
|  |  | AA | 21,415,393 | 0.25\% |
|  |  | A | 42,138,440 | 0.49\% |
|  |  | BBB | 33,780,222 | 0.39\% |
|  |  | BB | 165,476,695 | 1.91\% |
|  |  | B | 24,804,164 | 0.29\% |
|  |  | CCC-C | 17,394,800 | 0.20\% |
|  |  | D | 29,355,320 | 0.34\% |
|  |  | Unkn Rtg (Triparty) | 335,434,098 | 3.88\% |
|  | Equity-Domestic | Equity | 117,990,598 | 1.37\% |
|  | Foreign Sovereigns-Domestic | AA | 4,689,613 | 0.05\% |
|  |  | A | 1,814,579 | 0.02\% |
|  |  | BBB | 8,163,702 | 0.09\% |
|  |  | BB | 66,757,959 | 0.77\% |
|  |  | B | 102,113,676 | 1.18\% |
|  |  | CCC-C | 11,040,150 | 0.13\% |
|  |  | Unkn Rtg (Triparty) | 14,109,321 | 0.16\% |
|  | Foreign Sovereigns-Foreign | BBB | 1,275,478 | 0.01\% |
|  |  | BB | 43,668 | 0.00\% |
|  |  | B | 33,156,354 | 0.38\% |
|  |  | Unkn Rtg (Triparty) | 21,672,252 | 0.25\% |
|  | MBS - Agency - CMO | Agency | 267,588 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 270,641,725 | 3.13\% |
|  |  | AA | 85,138,310 | 0.99\% |
|  |  | A | 34,559,507 | 0.40\% |
|  |  | BBB | 11,341,213 | 0.13\% |
|  |  | BB | 2,552,213 | 0.03\% |
|  |  | B | 4,315,574 | 0.05\% |
|  |  | CCC-C | 427,255 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 361,294 | 0.00\% |
|  | Muni | AAA | 1,058,362,946 | 12.25\% |
|  |  | AA | 643,061,736 | 7.44\% |
|  |  | A | Page 18810065,311 | 9.62\% |
|  |  | BBB | 415,976,570 | 4.81\% |
|  |  | BB | 961,416 | 0.01\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :--- | :--- | :--- | ---: | ---: |
| Morgan Stanley (con't) | Muni (con't) | B | 135,692 | $0.00 \%$ |
|  |  | CCC-C | $80,174,715$ | $0.93 \%$ |
|  | D | 6,671 | $0.00 \%$ |  |
|  |  | Unkn Rtg (Triparty) | $66,321,585$ | $0.77 \%$ |
|  |  | AAA | $633,625,000$ | $7.33 \%$ |
|  | Mutual Fund | Unkn Rtg (Triparty) | $37,200,000$ | $0.43 \%$ |
|  | Supranational | AAA | $1,320,070$ | $0.02 \%$ |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | $1,638,226,750$ | $18.96 \%$ |
|  | Dealer Total |  | $8,642,097,852$ | $100.00 \%$ |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF collateral report for Thursday, February 5 

William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Thursday, February 5

- Total PDCF borrowing on Thursday was $\$ 25.53$ billion, a decrease of $\$ 1.67$ billion from the prior day. This is the lowest level of borrowing through the program since September 12, 2008.
- On Thursday, Bank of America had no borrowing through the Merrill Lynch US broker/dealer. A significant portion of the collateral provided by Bank of America was previously financed through Merrill Lynch. All Merrill Lynch borrowing was through its London broker/dealer.
- Over the past week, Morgan Stanley's borrowing has declined approximately $46 \%$ to $\$ 4.11$ billion. Morgan Stanley has not borrowed through its London broker/dealer since February 2nd.
- Of the $\$ 29.19$ billion of total collateral provided by all participants, $46.2 \%$ are investment grade securities, $18.6 \%$ are non-investment grade securities, $13.8 \%$ are equities, $15.8 \%$ are securities with unknown ratings, and $5.6 \%$ are whole loans pledged through the Discount Window. Approximately $3.5 \%$ of total collateral are foreign denominated securities.

牚<br>PDCF Chatts and Tables - 20090205.doc<br>Regards,<br>Tony<br>Anthony Maglia<br>Markets Group<br>Federal Reserve Bank of New York<br>212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Thursday, February 05, 2009

## Highlights

- Total PDCF borrowing on Thursday was $\$ 25.53$ billion, a decrease of $\$ 1.67$ billion from the prior day. This is the lowest level of borrowing through the program since September 12, 2008.
- On Thursday, Bank of America had no borrowing through the Merrill Lynch US broker/dealer. A significant portion of the collateral provided by Bank of America was previously financed through Merrill Lynch. All Merrill Lynch borrowing was through its London broker/dealer.
- Over the past week, Morgan Stanley's borrowing has declined approximately $46 \%$ to $\$ 4.11$ billion. Morgan Stanley has not borrowed through its London broker/dealer since February $2{ }^{\text {nd }}$.
- Of the $\$ 29.19$ billion of total collateral provided by all participants, $46.2 \%$ are investment grade securities, $18.6 \%$ are noninvestment grade securities, $13.8 \%$ are equities, $15.8 \%$ are securities with unknown ratings, and $5.6 \%$ are whole loans pledged through the Discount Window. Approximately $3.5 \%$ of total collateral are foreign denominated securities.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 2 / 0 5 / 2 0 0 9}$ | $\mathbf{0 2 / 0 4 / 2 0 0 9}$ | $\mathbf{0 2 / 0 3 / 2 0 0 9}$ | $\mathbf{0 2 / 0 2 / 2 0 0 9}$ | $\mathbf{0 1 / 3 0 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 8.50 | 1.83 | 2.12 | 1.25 | 1.13 |
| Citigroup | 11.50 | 12.20 | 12.24 | 13.07 | 12.99 |
| Merrill Lynch | 1.40 | 8.99 | 8.87 | 9.75 | 9.89 |
| Mizuho | 0.02 | 0.06 | 0.07 | 0.07 | 0.07 |
| Morgan Stanley | 4.11 | 4.12 | 4.13 | 6.50 | 7.46 |
| Total Borrowings | $\mathbf{2 5 . 5 3}$ | $\mathbf{2 7 . 2 0}$ | $\mathbf{2 7 . 4 3}$ | $\mathbf{3 0 . 6 4}$ | $\mathbf{3 1 . 5 5}$ |
|  |  |  |  |  |  |
| Total Collateral |  | $\mathbf{2 9 . 1 9}$ | $\mathbf{3 0 . 9 7}$ | $\mathbf{3 1 . 2}$ | $\mathbf{3 4 . 6 5}$ |
|  | $\mathbf{3 5 . 6 8}$ |  |  |  |  |
| Collateral Cushion | $\mathbf{1 4 . 3 4 \%}$ | $\mathbf{1 3 . 8 6 \%}$ | $\mathbf{1 3 . 7 4 \%}$ | $\mathbf{1 3 . 0 9 \%}$ | $\mathbf{1 3 . 0 9 \%}$ |

[^52]PDCF Borrowing Trend


## Composition of Collateral Pledged for February 05 Borrowings - in millions

[^53]| Rating $^{1}$ | Bank of America | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Treasury | 2.2 | 172.1 | - | - | 1.2 | 175.4 |
| Agency | 55.2 | 374.7 | - | - | 15.2 | 445.1 |
| AAA | $4,370.6$ | $2,175.3$ | 264.9 | 12.0 | $1,957.2$ | $8,779.9$ |
| AA | 253.5 | 87.5 | 31.4 | - | 719.7 | $1,092.1$ |
| A | 125.2 | 254.9 | 119.8 | 8.0 | 806.5 | $1,314.4$ |
| BBB | 181.6 | 736.0 | 154.7 | - | 503.8 | $1,576.1$ |
| BB | 213.9 | $1,011.2$ | 488.0 | - | 15.3 | $1,728.4$ |
| B | 358.8 | 965.0 | 118.6 | - | 16.0 | $1,458.4$ |
| CCC-C | 758.4 | $1,142.5$ | 7.3 | - | 98.6 | $2,006.8$ |
| D | 81.5 | 124.0 | 0.9 | - | 20.7 | 227.1 |
| A-1 | - | 106.3 | - | - | - | 106.3 |
| A-2 | - | 1.7 | - | - | - | 1.7 |
| A-3 | - | - | - | - | - | - |
| NP | - | - | - | - | - | - |
| Equity | $2,229.4$ | $1,677.8$ | - | - | 117.8 | $4,025.0$ |
| Unkn Rtg (Triparty) | 544.6 | $3,592.1$ | $\mathbf{3 4 4 . 8}$ | - | $\mathbf{1 3 0 . 0}$ | $\mathbf{4 , 6 1 1 . 5}$ |
| Unkn Rtg (non-Triparty) | - | - | - | - | $1,638.2$ | $1,638.2$ |
| Total Collateral | $\mathbf{9 , 1 7 4 . 8}$ | $\mathbf{1 2 , 4 2 1 . 2}$ | $\mathbf{1 , 5 3 0 . 4}$ | $\mathbf{1 9 . 9}$ | $\mathbf{6 , 0 4 0 . 1}$ | $\mathbf{2 9 , 1 8 6 . 5}$ |
| Total Borrowings | $\mathbf{8 , 5 0 0 . 0}$ | $\mathbf{1 1 , 5 0 0 . 0}$ | $\mathbf{1 , 4 0 0 . 0}$ | $\mathbf{1 8 . 6}$ | $\mathbf{4 , 1 1 3 . 7}$ | $\mathbf{2 5 , 5 3 2 . 4}$ |
| Collateral Cushion | $\mathbf{7 . 9 4 \%}$ | $\mathbf{8 . 0 1 \%}$ | $\mathbf{9 . 3 1 \%}$ | $\mathbf{6 . 9 3 \%}$ | $\mathbf{4 6 . 8 3 \%}$ | $\mathbf{1 4 . 3 1 \%}$ |

Collateral Value and Rating Distribution by Dealer


## Distribution of Total Pledged Collateral by Rating



Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $175,383,110$ | $0.60 \%$ |
| Agency | $445,102,340$ | $1.53 \%$ |
| AAA | $8,779,893,442$ | $30.08 \%$ |
| AA | $1,092,094,862$ | $3.74 \%$ |
| A | $1,314,394,782$ | $4.50 \%$ |
| BBB | $1,576,073,023$ | $5.40 \%$ |
| BB | $1,728,438,056$ | $5.92 \%$ |
| B | $1,458,394,645$ | $5.00 \%$ |
| CCC-C | $2,006,846,216$ | $6.88 \%$ |
| D | $227,104,161$ | $0.78 \%$ |
| A-1 | $106,294,965$ | $0.36 \%$ |
| A-2 | $1,726,085$ | $0.01 \%$ |
| Equity | $4,024,997,247$ | $13.79 \%$ |
| Unkn Rtg (Triparty) | $1,638,226,207$ | $15.80 \%$ |
| Unkn Rtg (non-Triparty) | $29,186,498,889$ | $5.61 \%$ |
| Total |  | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,676,422,055$ | $9.17 \%$ |
| Agency Debt | $444,834,793$ | $1.52 \%$ |
| CDs-CP-BAs | $108,795,857$ | $0.37 \%$ |
| Convertible Bonds-Domestic | $1,210,671,404$ | $4.15 \%$ |
| Convertible Bonds-Foreign | $277,839,394$ | $0.95 \%$ |
| Corporates-Domestic | $3,562,925,552$ | $12.21 \%$ |
| Corporates-Foreign | $478,916,589$ | $1.64 \%$ |
| Equity-Domestic | $3,796,665,714$ | $13.01 \%$ |
| Equity-Foreign | $228,331,533$ | $0.78 \%$ |
| Foreign Sovereigns-Domestic | $283,235,124$ | $0.97 \%$ |
| Foreign Sovereigns-Foreign | $32,467,479$ | $0.11 \%$ |
| MBS - Agency - CMO | 267,547 | $0.00 \%$ |
| MBS - Private (CMO) | $2,701,776,807$ | $9.26 \%$ |
| Muni | $4,363,751,730$ | $14.95 \%$ |
| Mutual Fund | $7,205,389,150$ | $24.69 \%$ |
| Supranational | 598,302 | $0.00 \%$ |
| Treasury | $175,383,110$ | $0.60 \%$ |
| Whole Loans - DW | $1,638,226,750$ | $5.61 \%$ |
| Total | $29,186,498,889$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 73,849,555 | 0.80\% |
|  |  | A | 30,742,423 | 0.34\% |
|  |  | BBB | 47,076,017 | 0.51\% |
|  |  | BB | 79,796,785 | 0.87\% |
|  |  | B | 129,236,918 | 1.41\% |
|  |  | CCC-C | 206,702,350 | 2.25\% |
|  |  | D | 64,704,832 | 0.71\% |
|  |  | Unkn Rtg (Triparty) | 192,915,045 | 2.10\% |
|  | Agency Debt | Agency | 55,188,654 | 0.60\% |
|  | Corporates-Domestic | AAA | 11,727,103 | 0.13\% |
|  |  | AA | 267,475 | 0.00\% |
|  |  | A | 16,556,674 | 0.18\% |
|  |  | BBB | 27,965,480 | 0.30\% |
|  |  | BB | 13,241,558 | 0.14\% |
|  |  | B | 13,908,023 | 0.15\% |
|  |  | CCC-C | 20,260,252 | 0.22\% |
|  |  | D | 11,024,172 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 96,979,785 | 1.06\% |
|  | Equity-Domestic | Equity | 2,229,437,443 | 24.30\% |
|  | MBS - Private (CMO) | AAA | 36,541,494 | 0.40\% |
|  |  | AA | 80,164,494 | 0.87\% |
|  |  | A | 1,984,715 | 0.02\% |
|  |  | BBB | 50,374,226 | 0.55\% |
|  |  | BB | 120,844,428 | 1.32\% |
|  |  | B | 215,654,586 | 2.35\% |
|  |  | CCC-C | 531,419,371 | 5.79\% |
|  |  | D | 5,731,222 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 26,013,062 | 0.28\% |
|  | Muni | AAA | 216,697,994 | 2.36\% |
|  |  | AA | 98,565,018 | 1.07\% |
|  |  | A | 50,914,738 | 0.55\% |
|  |  | BBB | 56,158,484 | 0.61\% |
|  |  | BB | 34,586 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 102,817,175 | 1.12\% |
|  | Mutual Fund | AAA | 4,105,600,000 | 44.75\% |
|  |  | AA | 700,000 | 0.01\% |
|  |  | A | 25,000,000 | 0.27\% |
|  |  | Unkn Rtg (Triparty) | 125,900,000 | 1.37\% |
|  | Treasury | Treasury | 2,151,465 | 0.02\% |
|  | Dealer Total |  | 9,174,847,599 | 100.00\% |
| Citigroup | ABS | AAA | 77,903,790 | 0.63\% |
|  |  | AA | 6,572,131 | 0.05\% |
|  |  | A | Pag9,683,0319 | 0.25\% |
|  |  | BBB | 243,911,818 | 1.96\% |
|  |  | BB | 140,172,163 | 1.13\% |
|  |  | B | 184,508,062 | 1.49\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | CDs-CP-BAs (con't) | A-2 | 1,726,085 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 749,755 | 0.01\% |
|  | Convertible Bonds-Domestic | A | 37,282,500 | 0.30\% |
|  |  | BB | 31,281,743 | 0.25\% |
|  |  | B | 29,734,718 | 0.24\% |
|  |  | Unkn Rtg (Triparty) | 1,112,369,904 | 8.96\% |
|  | Convertible Bonds-Foreign | BB | 4,006,884 | 0.03\% |
|  |  | B | 1,638,865 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 272,193,646 | 2.19\% |
|  | Corporates-Domestic | AAA | 2,579,723 | 0.02\% |
|  |  | AA | 24,836 | 0.00\% |
|  |  | A | 35,252,514 | 0.28\% |
|  |  | BBB | 316,650,645 | 2.55\% |
|  |  | BB | 546,816,553 | 4.40\% |
|  |  | B | 358,015,885 | 2.88\% |
|  |  | CCC-C | 387,231,761 | 3.12\% |
|  |  | D | 44,989,280 | 0.36\% |
|  |  | Unkn Rtg (Triparty) | 1,111,648,430 | 8.95\% |
|  | Corporates-Foreign | A | 9,140,397 | 0.07\% |
|  |  | BBB | 1,189,402 | 0.01\% |
|  |  | BB | 190,726 | 0.00\% |
|  |  | CCC-C | 2,034,966 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 102,088,309 | 0.82\% |
|  | Equity-Domestic | Equity | 1,449,470,997 | 11.67\% |
|  | Equity-Foreign | Equity | 228,331,533 | 1.84\% |
|  | MBS - Private (CMO) | AAA | 87,779,380 | 0.71\% |
|  |  | AA | 56,863,333 | 0.46\% |
|  |  | A | 41,355,387 | 0.33\% |
|  |  | BBB | 16,864,493 | 0.14\% |
|  |  | BB | 260,084,361 | 2.09\% |
|  |  | B | 355,019,995 | 2.86\% |
|  |  | CCC-C | 431,996,008 | 3.48\% |
|  |  | D | 7,205,183 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 122,840,526 | 0.99\% |
|  | Muni | AAA | 46,974,267 | 0.38\% |
|  |  | AA | 24,000,855 | 0.19\% |
|  |  | A | 100,277,456 | 0.81\% |
|  |  | BBB | 157,430,840 | 1.27\% |
|  |  | BB | 28,641,084 | 0.23\% |
|  |  | B | 36,070,792 | 0.29\% |
|  |  | CCC-C | 86,861,057 | 0.70\% |
|  |  | D | 13,154,923 | 0.11\% |
|  |  | Unkn Rtg (Triparty) | 216,096,493 | 1.74\% |
|  | Mutual Fund | AAA | 1,959,950,000 | 15.78\% |
|  |  | Unkn Rtg (Triparty) | Page 3160.0441950 | 2.55\% |
|  | Supranational | AAA | 159,406 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 11,432 | 0.00\% |
|  | Treasury | Treasury | 172,074,170 | 1.39\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | ABS (con't) | A | 40,074,312 | 2.62\% |
|  |  | BBB | 39,554,394 | 2.58\% |
|  |  | BB | 25,884,753 | 1.69\% |
|  |  | B | 7,527,661 | 0.49\% |
|  |  | Unkn Rtg (Triparty) | 67,345,235 | 4.40\% |
|  | Convertible Bonds-Domestic | Unkn Rtg (Triparty) | 2,540 | 0.00\% |
|  | Corporates-Domestic | AAA | 539,523 | 0.04\% |
|  |  | AA | 1,367,887 | 0.09\% |
|  |  | A | 70,010,333 | 4.57\% |
|  |  | BBB | 35,086,408 | 2.29\% |
|  |  | BB | 30,471,313 | 1.99\% |
|  |  | B | 22,006,135 | 1.44\% |
|  |  | CCC-C | 1,875,231 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 206,450,631 | 13.49\% |
|  | Corporates-Foreign | AAA | 1,693,819 | 0.11\% |
|  |  | AA | 903,688 | 0.06\% |
|  |  | A | 9,511,184 | 0.62\% |
|  |  | BBB | 55,996,272 | 3.66\% |
|  |  | BB | 207,896,287 | 13.58\% |
|  |  | B | 15,009,535 | 0.98\% |
|  |  | CCC-C | 4,354,720 | 0.28\% |
|  |  | D | 927,588 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 67,979,697 | 4.44\% |
|  | Foreign Sovereigns-Domestic | AAA | 758,981 | 0.05\% |
|  |  | BBB | 549,008 | 0.04\% |
|  |  | BB | 213,391,169 | 13.94\% |
|  |  | B | 64,993,268 | 4.25\% |
|  |  | CCC-C | 558,732 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 2,983,966 | 0.19\% |
|  | Foreign Sovereigns-Foreign | BBB | 15,104,610 | 0.99\% |
|  |  | BB | 9,906,596 | 0.65\% |
|  |  | B | 7,456,273 | 0.49\% |
|  | MBS - Private (CMO) | AAA | 228,555,896 | 14.93\% |
|  |  | AA | 3,198,586 | 0.21\% |
|  |  | A | 210,582 | 0.01\% |
|  |  | BBB | 8,365,103 | 0.55\% |
|  |  | BB | 482,333 | 0.03\% |
|  |  | CCC-C | 547,768 | 0.04\% |
|  | Muni | B | 1,622,510 | 0.11\% |
|  | Supranational | AAA | 427,464 | 0.03\% |
|  | Dealer Total |  | 1,530,374,190 | 100.00\% |
| Mizuho | Corporates-Domestic | AAA | 11,957,047 | 60.04\% |
|  |  | A | 7,959,112 | 39.96\% |
|  | Dealer Total |  | 19,916,159 | 100.00\% |
| Morgan Stanley | ABS | AAA | 223,174,926 | 3.69\% |
|  |  | AA | 61,563,100 | 1.02\% |
|  |  | A | Page 16 3\$6p919 | 0.07\% |
|  |  | BBB | 5,451,997 | 0.09\% |
|  |  | B | 2,873,360 | 0.05\% |
|  | Agency Debt | Agency | 14,963,857 | 0.25\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 25,051 | 0.00\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Corporates-Domestic | AAA | 15,333,825 | 0.25\% |
|  |  | AA | 7,166,436 | 0.12\% |
|  |  | A | 23,628,066 | 0.39\% |
|  |  | BBB | 22,604,326 | 0.37\% |
|  |  | BB | 14,242,982 | 0.24\% |
|  |  | B | 9,082,893 | 0.15\% |
|  |  | CCC-C | 17,998,066 | 0.30\% |
|  |  | D | 20,709,077 | 0.34\% |
|  |  | Unkn Rtg (Triparty) | 29,296,112 | 0.49\% |
|  | Equity-Domestic | Equity | 117,757,274 | 1.95\% |
|  | MBS - Agency - CMO | Agency | 267,547 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 9,395,326 | 0.16\% |
|  |  | AA | 178,985 | 0.00\% |
|  |  | A | 290,339 | 0.00\% |
|  |  | BBB | 233,135 | 0.00\% |
|  |  | BB | 598,832 | 0.01\% |
|  |  | B | 126,895 | 0.00\% |
|  |  | CCC-C | 426,093 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 430,672 | 0.01\% |
|  | Muni | AAA | 1,061,663,911 | 17.58\% |
|  |  | AA | 650,795,851 | 10.77\% |
|  |  | A | 778,601,302 | 12.89\% |
|  |  | BBB | 475,506,364 | 7.87\% |
|  |  | BB | 452,921 | 0.01\% |
|  |  | B | 3,908,271 | 0.06\% |
|  |  | CCC-C | 80,163,234 | 1.33\% |
|  |  | D | 6,702 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 76,334,903 | 1.26\% |
|  | Mutual Fund | AAA | 647,600,000 | 10.72\% |
|  |  | Unkn Rtg (Triparty) | 23,925,000 | 0.40\% |
|  | Treasury | Treasury | 1,157,475 | 0.02\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,638,226,750 | 27.12\% |
|  | Dealer Total |  | 6,040,131,573 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

## RESTRICTED FR

## Highlights for Friday, February 6

- Total PDCF borrowing on Friday was $\$ 26.42$ billion, an increase of $\$ 0.89$ billion from the prior day. This is the first increase in overall borrowing since January 27th.
- On Friday, Bank of America increased borrowing by $\$ 1.7$ billion. This increase was not offset by a reduction in borrowing through Merrill Lynch. Bank of America continues to borrow $\$ 1.4$ billion through the London broker/dealer of Merrill Lynch.
- Citigroup remains the largest participant in the facility borrowing $\$ 10.7$ billion. Of the $\$ 11.53$ billion of collateral provided by Citigroup, $33.2 \%$ are investment grade securities, $21.4 \%$ are non-investment grade securities, $15.1 \%$ are equities, and $30.3 \%$ are securities with unknown ratings. Foreign denominated securities account for $5.3 \%$ of Citigroup's collateral.
- Total PDCF collateral across all participants is $\$ 30.12$ billion. This collateral consists primarily of mutual funds (24\%), corporate debt (16\%), and municipal debt (15.9\%). Approximately 3.3\% of total collateral are foreign denominated securities.


PDCF Charts and Tables - 20090206.doc
Regards, Tony

Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Friday, February 06, 2009

## Highlights

- Total PDCF borrowing on Friday was $\$ 26.42$ billion, an increase of $\$ 0.89$ billion from the prior day. This is the first increase in overall borrowing since January $27^{\text {th }}$.
- On Friday, Bank of America increased borrowing by $\$ 1.7$ billion. This increase was not offset by a reduction in borrowing through Merrill Lynch. Bank of America continues to borrow $\$ 1.4$ billion through the London broker/dealer of Merrill Lynch.
- Citigroup remains the largest participant in the facility borrowing $\$ 10.7$ billion. Of the $\$ 11.53$ billion of collateral provided by Citigroup, $33.2 \%$ are investment grade securities, $21.4 \%$ are non-investment grade securities, $15.1 \%$ are equities, and $30.3 \%$ are securities with unknown ratings. Foreign denominated securities account for $5.3 \%$ of Citigroup's collateral.
- Total PDCF collateral across all participants is $\$ 30.12$ billion. This collateral consists primarily of mutual funds ( $24 \%$ ), corporate debt ( $16 \%$ ), and municipal debt ( $15.9 \%$ ). Approximately $3.3 \%$ of total collateral are foreign denominated securities.

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 2 / 0 6 / 2 0 0 9}$ | $\mathbf{0 2 / 0 5 / 2 0 0 9}$ | $\mathbf{0 2 / 0 4 / 2 0 0 9}$ | $\mathbf{0 2 / 0 3 / 2 0 0 9}$ | $\mathbf{0 2 / 0 2 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 10.20 | 8.50 | 1.83 | 2.12 | 1.25 |
| Citigroup | 10.70 | 11.50 | 12.20 | 12.24 | 13.07 |
| Merrill Lynch | 1.40 | 1.40 | 8.99 | 8.87 | 9.75 |
| Mizuho | 0.03 | 0.02 | 0.06 | 0.07 | 0.07 |
| Morgan Stanley | 4.09 | 4.11 | 4.12 | 4.13 | 6.50 |
| Total Borrowings | $\mathbf{2 6 . 4 2}$ | $\mathbf{2 5 . 5 3}$ | $\mathbf{2 7 . 2 0}$ | $\mathbf{2 7 . 4 3}$ | $\mathbf{3 0 . 6 4}$ |


| Total Collateral $^{*}$ | 30.12 | 29.19 | 30.97 | 31.2 | 34.65 |
| :--- | :--- | :--- | :--- | :--- | :--- |


| Collateral Cushion | $14.00 \%$ | $14.34 \%$ | $13.86 \%$ | $13.74 \%$ | $13.09 \%$ |
| :--- | :--- | :--- | :--- | :--- | :--- |

[^54]PDCF Borrowing Trend


## Composition of Collateral Pledged for February 06 Borrowings - in millions

[^55]| Rating ${ }^{1}$ | Bank of America | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treasury | 2.2 | 120.9 | - | - | 1.2 | 124.2 |
| Agency | 55.2 | 471.4 | - | - | 15.0 | 541.7 |
| AAA | 4,287.8 | 2,088.9 | 269.7 | 12.4 | 1,955.0 | 8,613.7 |
| AA | 459.8 | 84.4 | 31.3 | - | 718.9 | 1,294.5 |
| A | 240.8 | 300.7 | 119.6 | 8.0 | 802.0 | 1,471.2 |
| BBB | 66.0 | 758.3 | 155.2 | 7.3 | 486.6 | 1,473.4 |
| BB | 234.3 | 777.0 | 483.3 | - | 15.5 | 1,510.1 |
| B | 469.6 | 827.9 | 119.3 | - | 12.6 | 1,429.3 |
| CCC-C | 1,079.7 | 723.2 | 7.1 | - | 101.9 | 1,911.9 |
| D | 162.6 | 144.8 | 0.9 | - | 20.6 | 328.9 |
| A-1 | - | - | - | - | - | - |
| A-2 | - | - | - | - | - | - |
| A-3 | 3.0 | - | - | - | - | 3.0 |
| NP | - | - | - | - | - | - |
| Equity | 2,406.1 | 1,743.2 | - | - | 117.8 | 4,267.1 |
| Unkn Rtg (Triparty) | 1,544.6 | 3,486.8 | 344.2 | - | 134.5 | 5,510.1 |
| Unkn Rtg (non-Triparty) | - | - | - | - | 1,638.2 | 1,638.2 |
| Total Collateral | 11,011.5 | 11,527.6 | 1,530.5 | 27.7 | 6,019.8 | 30,117.2 |
| Total Borrowings | 10,200.0 | 10,700.0 | 1,400.0 | 25.9 | 4,094.6 | 26,420.5 |
| Collateral Cushion | 7.96\% | 7.73\% | 9.32\% | 6.87\% | 47.02\% | 13.99\% |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $124,231,198$ | $0.41 \%$ |
| Agency | $541,686,549$ | $1.80 \%$ |
| AAA | $8,613,651,257$ | $28.60 \%$ |
| AA | $1,294,482,842$ | $4.30 \%$ |
| A | $1,471,171,660$ | $4.88 \%$ |
| BBB | $1,473,390,999$ | $4.89 \%$ |
| BB | $1,510,080,598$ | $5.01 \%$ |
| B | $1,429,346,496$ | $4.75 \%$ |
| CCC-C | $328,939,725$ | $1.09 \%$ |
| D | $2,952,731$ | $0.01 \%$ |
| A-3 | $4,267,087,709$ | $14.17 \%$ |
| Equity | $5,510,070,469$ | $18.30 \%$ |
| Unkn Rtg (Triparty) | $1,638,226,750$ | $5.44 \%$ |
| Unkn Rtg (non-Triparty) | $30,117,242,308$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,840,367,248$ | $9.43 \%$ |
| Agency Debt | $474,827,307$ | $1.58 \%$ |
| CDs-CP-BAs | $339,453,278$ | $1.13 \%$ |
| Convertible Bonds-Domestic | $1,225,939,317$ | $4.07 \%$ |
| Convertible Bonds-Foreign | $267,387,148$ | $0.89 \%$ |
| Corporates-Domestic | $4,332,953,790$ | $14.39 \%$ |
| Corporates-Foreign | $469,407,103$ | $1.56 \%$ |
| Equity-Domestic | $4,041,741,726$ | $13.42 \%$ |
| Equity-Foreign | $225,345,983$ | $0.75 \%$ |
| Foreign Sovereigns-Domestic | $285,769,563$ | $0.95 \%$ |
| Foreign Sovereigns-Foreign | $34,300,563$ | $0.11 \%$ |
| MBS - Agency - CMO | $61,832,247$ | $0.21 \%$ |
| MBS - Agency - Pass Through | $5,026,996$ | $0.02 \%$ |
| MBS - Private (CMO) | $1,761,354,957$ | $5.85 \%$ |
| Muni | $4,775,678,888$ | $15.86 \%$ |
| Mutual Fund | $7,212,751,688$ | $23.95 \%$ |
| Supranational | 646,563 | $0.00 \%$ |
| Treasury | $124,231,198$ | $0.41 \%$ |
| Whole Loans - DW | $1,638,226,750$ | $5.44 \%$ |
| Total | $3,117,242,308$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AAA | 40,873,718 | 0.37\% |
|  |  | AA | 69,439,877 | 0.63\% |
|  |  | A | 37,502,255 | 0.34\% |
|  |  | BBB | 47,342,153 | 0.43\% |
|  |  | BB | 204,034,750 | 1.85\% |
|  |  | B | 198,921,873 | 1.81\% |
|  |  | CCC-C | 276,116,519 | 2.51\% |
|  |  | D | 80,872,870 | 0.73\% |
|  |  | Unkn Rtg (Triparty) | 261,462,090 | 2.37\% |
|  | Agency Debt | Agency | 55,214,648 | 0.50\% |
|  | CDs-CP-BAs | A-3 | 2,952,731 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 335,719,223 | 3.05\% |
|  | Corporates-Domestic | AA | 346,468 | 0.00\% |
|  |  | A | 173,206,974 | 1.57\% |
|  |  | B | 54,749,750 | 0.50\% |
|  |  | CCC-C | 245,784,176 | 2.23\% |
|  |  | D | 76,041,319 | 0.69\% |
|  |  | Unkn Rtg (Triparty) | 539,657,295 | 4.90\% |
|  | Equity-Domestic | Equity | 2,406,100,635 | 21.85\% |
|  | MBS - Private (CMO) | AAA | 21,895,981 | 0.20\% |
|  |  | BBB | 287,655 | 0.00\% |
|  |  | BB | 22,144,621 | 0.20\% |
|  |  | B | 215,881,250 | 1.96\% |
|  |  | CCC-C | 531,523,745 | 4.83\% |
|  |  | D | 5,726,356 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 25,965,386 | 0.24\% |
|  | Muni | AAA | 106,835,311 | 0.97\% |
|  |  | AA | 389,287,425 | 3.54\% |
|  |  | A | 5,125,333 | 0.05\% |
|  |  | BBB | 18,350,000 | 0.17\% |
|  |  | BB | 8,110,000 | 0.07\% |
|  |  | CCC-C | 26,250,000 | 0.24\% |
|  |  | Unkn Rtg (Triparty) | 255,746,732 | 2.32\% |
|  | Mutual Fund | AAA | 4,118,150,000 | 37.40\% |
|  |  | AA | 700,000 | 0.01\% |
|  |  | A | 25,000,000 | 0.23\% |
|  |  | Unkn Rtg (Triparty) | 126,050,000 | 1.14\% |
|  | Treasury | Treasury | 2,151,451 | 0.02\% |
|  | Dealer Total |  | 11,011,520,566 | 100.00\% |
| Citigroup | ABS | AAA | 77,859,464 | 0.68\% |
|  |  | AA | 6,573,123 | 0.06\% |
|  |  | A | 34,066,162 | 0.30\% |
|  |  | BBB | Page 10 244, 98089,912 | 2.12\% |
|  |  | BB | 168,886,841 | 1.47\% |
|  |  | B | 169,081,090 | 1.47\% |
|  |  | CCC-C | 142,727,964 | 1.24\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | BB | 30,061,218 | 0.26\% |
|  |  | B | 29,823,890 | 0.26\% |
|  |  | Unkn Rtg (Triparty) | 1,136,536,225 | 9.86\% |
|  | Convertible Bonds-Foreign | BB | 3,993,906 | 0.03\% |
|  |  | B | 1,614,814 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 261,778,428 | 2.27\% |
|  | Corporates-Domestic | AAA | 2,579,723 | 0.02\% |
|  |  | AA | 3,256,918 | 0.03\% |
|  |  | A | 42,164,036 | 0.37\% |
|  |  | BBB | 289,405,575 | 2.51\% |
|  |  | BB | 426,028,614 | 3.70\% |
|  |  | B | 382,311,512 | 3.32\% |
|  |  | CCC-C | 325,608,383 | 2.82\% |
|  |  | D | 39,655,221 | 0.34\% |
|  |  | Unkn Rtg (Triparty) | 1,181,119,199 | 10.25\% |
|  | Corporates-Foreign | A | 9,110,699 | 0.08\% |
|  |  | BBB | 1,185,622 | 0.01\% |
|  |  | BB | 190,156 | 0.00\% |
|  |  | CCC-C | 2,048,757 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 102,089,053 | 0.89\% |
|  | Equity-Domestic | Equity | 1,517,871,118 | 13.17\% |
|  | Equity-Foreign | Equity | 225,345,983 | 1.95\% |
|  | MBS - Agency - CMO | Agency | 61,564,694 | 0.53\% |
|  | MBS - Agency - Pass Through | Agency | 5,026,996 | 0.04\% |
|  | MBS - Private (CMO) | AAA | 7,072,582 | 0.06\% |
|  |  | AA | 14,004,706 | 0.12\% |
|  |  | A | 43,680,527 | 0.38\% |
|  |  | BBB | 20,884,710 | 0.18\% |
|  |  | BB | 119,047,335 | 1.03\% |
|  |  | B | 215,642,850 | 1.87\% |
|  |  | CCC-C | 165,363,817 | 1.43\% |
|  |  | D | 11,965,239 | 0.10\% |
|  |  | Unkn Rtg (Triparty) | 81,792,828 | 0.71\% |
|  | Muni | AAA | 46,719,166 | 0.41\% |
|  |  | AA | 60,610,876 | 0.53\% |
|  |  | A | 142,152,513 | 1.23\% |
|  |  | BBB | 201,948,498 | 1.75\% |
|  |  | BB | 28,840,938 | 0.25\% |
|  |  | B | 29,408,496 | 0.26\% |
|  |  | CCC-C | 87,498,036 | 0.76\% |
|  |  | D | 13,160,075 | 0.11\% |
|  |  | Unkn Rtg (Triparty) | 241,698,025 | 2.10\% |
|  | Mutual Fund | AAA | 1,954,475,000 | 16.95\% |
|  |  | Unkn Rtg (Triparty) | 316,801,688 | 2.75\% |
|  | Supranational | AAA Page | 13 of 19 159,268 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 122,439 | 0.00\% |
|  | Treasury | Treasury | 120,921,964 | 1.05\% |
|  | Dealer Total |  | 11,527,641,772 | 100.00\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | ABS (con't) | BBB | 39,446,626 | 2.58\% |
|  |  | BB | 25,807,911 | 1.69\% |
|  |  | B | 7,505,322 | 0.49\% |
|  |  | Unkn Rtg (Triparty) | 67,180,050 | 4.39\% |
|  | Convertible Bonds-Domestic | Unkn Rtg (Triparty) | 2,540 | 0.00\% |
|  | Corporates-Domestic | AAA | 539,639 | 0.04\% |
|  |  | AA | 1,367,887 | 0.09\% |
|  |  | A | 69,956,401 | 4.57\% |
|  |  | BBB | 35,108,745 | 2.29\% |
|  |  | BB | 27,441,197 | 1.79\% |
|  |  | B | 25,450,855 | 1.66\% |
|  |  | CCC-C | 1,600,083 | 0.10\% |
|  |  | Unkn Rtg (Triparty) | 206,921,730 | 13.52\% |
|  | Corporates-Foreign | AAA | 1,760,383 | 0.12\% |
|  |  | AA | 898,523 | 0.06\% |
|  |  | A | 9,470,297 | 0.62\% |
|  |  | BBB | 55,838,094 | 3.65\% |
|  |  | BB | 207,961,963 | 13.59\% |
|  |  | B | 8,484,682 | 0.55\% |
|  |  | CCC-C | 4,431,762 | 0.29\% |
|  |  | D | 914,218 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 65,022,895 | 4.25\% |
|  | Foreign Sovereigns-Domestic | AAA | 759,003 | 0.05\% |
|  |  | BBB | 887,411 | 0.06\% |
|  |  | BB | 211,760,266 | 13.84\% |
|  |  | B | 68,818,681 | 4.50\% |
|  |  | CCC-C | 559,453 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 2,984,748 | 0.20\% |
|  | Foreign Sovereigns-Foreign | BBB | 15,001,737 | 0.98\% |
|  |  | BB | 9,808,284 | 0.64\% |
|  |  | B | 7,403,298 | 0.48\% |
|  |  | Unkn Rtg (Triparty) | 2,087,244 | 0.14\% |
|  | MBS - Private (CMO) | AAA | 233,406,669 | 15.25\% |
|  |  | AA | 3,213,604 | 0.21\% |
|  |  | A | 212,071 | 0.01\% |
|  |  | BBB | 8,884,595 | 0.58\% |
|  |  | BB | 480,890 | 0.03\% |
|  |  | CCC-C | 551,313 | 0.04\% |
|  | Muni | B | 1,617,970 | 0.11\% |
|  | Supranational | AAA | 364,856 | 0.02\% |
|  | Dealer Total |  | 1,530,539,895 | 100.00\% |
| Mizuho | Corporates-Domestic | AAA | 12,376,529 | 44.62\% |
|  |  | A | 8,012,082 | 28.89\% |
|  |  | BBB | 7,346,929 | 26.49\% |
|  | Dealer Total |  | 27,735,540 | 100.00\% |
| Morgan Stanley | ABS | AAA | 223,196,251 | 3.71\% |
|  |  | AA | Page 166お阴225 | 1.02\% |
|  |  | A | 3,970,969 | 0.07\% |
|  |  | BBB | 5,452,145 | 0.09\% |
|  |  | B | 2,873,360 | 0.05\% |
|  | Agency Debt | Agency | 14,757,686 | 0.25\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | CDs-CP-BAs | Unkn Rtg (Triparty) | 31,569 | 0.00\% |
|  | Corporates-Domestic | AAA | 14,868,559 | 0.25\% |
|  |  | AA | 7,410,684 | 0.12\% |
|  |  | A | 20,148,743 | 0.33\% |
|  |  | BBB | 20,491,943 | 0.34\% |
|  |  | BB | 14,417,574 | 0.24\% |
|  |  | B | 9,154,352 | 0.15\% |
|  |  | CCC-C | 21,254,796 | 0.35\% |
|  |  | D | 20,605,387 | 0.34\% |
|  |  | Unkn Rtg (Triparty) | 26,564,510 | 0.44\% |
|  | Equity-Domestic | Equity | 117,769,973 | 1.96\% |
|  | MBS - Agency - CMO | Agency | 267,553 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 9,350,447 | 0.16\% |
|  |  | AA | 178,632 | 0.00\% |
|  |  | A | 290,951 | 0.00\% |
|  |  | BBB | 233,057 | 0.00\% |
|  |  | BB | 621,239 | 0.01\% |
|  |  | B | 127,102 | 0.00\% |
|  |  | CCC-C | 441,204 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 483,599 | 0.01\% |
|  | Muni | AAA | 1,059,927,562 | 17.61\% |
|  |  | AA | 649,797,036 | 10.79\% |
|  |  | A | 777,625,208 | 12.92\% |
|  |  | BBB | 460,385,591 | 7.65\% |
|  |  | BB | 442,896 | 0.01\% |
|  |  | B | 475,350 | 0.01\% |
|  |  | CCC-C | 80,163,320 | 1.33\% |
|  |  | D | 6,714 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 83,495,817 | 1.39\% |
|  | Mutual Fund | AAA | 647,650,000 | 10.76\% |
|  |  | Unkn Rtg (Triparty) | 23,925,000 | 0.40\% |
|  | Treasury | Treasury | 1,157,783 | 0.02\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,638,226,750 | 27.21\% |
|  | Dealer Total |  | 6,019,804,535 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Tuesday, February 10
William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

## Highlights for Tuesday, February 10

- Total PDCF borrowing on Tuesday was $\$ 24.46$ billion, a decrease of $\$ 0.8$ billion from the prior day.
- From Monday to Tuesday, Citigroup decreased borrowing by $\$ 1.5$ billion to $\$ 9.2$ billion. The corresponding decrease in Citigroup's collateral was mainly due to a decrease in the convertible debt securities provided. Currently, Citigroup's $\$ 9.93$ billion of collateral consists primarily of mutual funds ( $23.8 \%$ ), equities ( $21.7 \%$ ), and convertible debt (11.1\%). Foreign denominated securities account for 8.5\% of Citigroup's collateral.
- On Tuesday, Bank of America borrowed a combined $\$ 11.1$ billion through its US broker/dealer and its Merrill Lynch London broker/dealer. Of the $\$ 11.99$ billion of collateral provided, $45.8 \%$ are investment grade securities, $21.1 \%$ are non-investment grade securities, $20.1 \%$ are equities, and $13 \%$ are securities with unknown ratings. Foreign denominated securities account for $3.15 \%$ of Bank of America's total collateral and are entirely provided through the Merrill Lynch London broker/dealer.
- The total PDCF collateral provided by all participants consists primarily of mutual funds (26\%), equities ( $16.7 \%$ ), and municipal debt ( $14.1 \%$ ). Approximately $4.4 \%$ of the total collateral is foreign denominated securities.

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# Primary Dealer Credit Facility Collateral Report 

For Tuesday, February 10, 2009

## Highlights

- Total PDCF borrowing on Tuesday was $\$ 24.46$ billion, a decrease of $\$ 0.8$ billion from the prior day.
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- On Tuesday, Bank of America borrowed a combined $\$ 11.1$ billion through its US broker/dealer and its Merrill Lynch London broker/dealer. Of the $\$ 11.99$ billion of collateral provided, $45.8 \%$ are investment grade securities, $21.1 \%$ are non-investment grade securities, $20.1 \%$ are equities, and $13 \%$ are securities with unknown ratings. Foreign denominated securities account for $3.15 \%$ of Bank of America's total collateral and are entirely provided through the Merrill Lynch London broker/dealer.
- The total PDCF collateral provided by all participants consists primarily of mutual funds ( $26 \%$ ), equities ( $16.7 \%$ ), and municipal debt ( $14.1 \%$ ). Approximately $4.4 \%$ of the total collateral is foreign denominated securities.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 2 / 1 0 / 2 0 0 9}$ | $\mathbf{0 2 / 0 9 / 2 0 0 9}$ | $\mathbf{0 2 / 0 6 / 2 0 0 9}$ | $\mathbf{0 2 / 0 5 / 2 0 0 9}$ | $\mathbf{0 2 / 0 4 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 9.70 | 9.00 | 10.20 | 8.50 | 1.83 |
| Citigroup | 9.20 | 10.70 | 10.70 | 11.50 | 12.20 |
| Merrill Lynch | 1.40 | 1.40 | 1.40 | 1.40 | 8.99 |
| Mizuho | 0.04 | 0.06 | 0.03 | 0.02 | 0.06 |
| Morgan Stanley | 4.12 | 4.10 | 4.09 | 4.11 | 4.12 |
| Total Borrowings | $\mathbf{2 4 . 4 6}$ | $\mathbf{2 5 . 2 6}$ | $\mathbf{2 6 . 4 2}$ | $\mathbf{2 5 . 5 3}$ | $\mathbf{2 7 . 2 0}$ |
|  |  |  |  |  |  |
| Total Collateral ${ }^{*}$ | $\mathbf{2 8 . 0 1}$ | $\mathbf{2 8 . 8 5}$ | $\mathbf{3 0 . 1 2}$ | $\mathbf{2 9 . 1 9}$ | $\mathbf{3 0 . 9 7}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 4 . 5 1 \%}$ | $\mathbf{1 4 . 2 1 \%}$ | $\mathbf{1 4 . 0 0 \%}$ | $\mathbf{1 4 . 3 4 \%}$ | $\mathbf{1 3 . 8 6 \%}$ |

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* Includes additional commercial loans in a Borrower-In-Custody arrangement.


## PDCF Borrowing Trend



03/17/2008 04/14/2008 05/09/200806/06/2008 07/03/200807/31/200808/27/2008 09/24/2008 10/22/2008 11/19/2008 12/17/200801/15/2009
Date

$$
\longrightarrow \text { Total Borrowing }- \text { Bear Stearns Borrowing } \longrightarrow \text { Other Borrowing } \longrightarrow \text { Total Collateral }
$$

Composition of Collateral Pledged for February 10 Borrowings - in millions

[^56]| Rating ${ }^{1}$ | Bank of America | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treasury | - | 131.2 | - | - | 1.2 | 132.3 |
| Agency | 62.5 | 426.4 | - | - | 14.7 | 503.7 |
| AAA | 4,179.7 | 2,132.2 | 272.2 | 10.2 | 1,955.7 | 8,550.0 |
| AA | 223.4 | 29.1 | 31.4 | - | 733.0 | 1,016.9 |
| A | 250.0 | 265.2 | 118.6 | 4.3 | 823.3 | 1,461.5 |
| BBB | 212.6 | 489.1 | 142.7 | 14.3 | 489.0 | 1,347.7 |
| BB | 299.7 | 537.6 | 532.4 | - | 15.8 | 1,385.6 |
| B | 449.0 | 459.9 | 114.3 | - | 13.7 | 1,036.9 |
| CCC-C | 1,026.3 | 430.6 | 7.0 | - | 103.5 | 1,567.4 |
| D | 96.5 | 117.6 | 0.6 | - | 21.4 | 236.1 |
| A-1 | - | 587.9 | - | - | - | 587.9 |
| A-2 | - | 43.2 | - | - | - | 43.2 |
| A-3 | - | - | - | - | - | - |
| NP | - | - | - | - | - | - |
| Equity | 2,412.4 | 2,150.9 | - | - | 117.8 | 4,681.1 |
| Unkn Rtg (Triparty) | 1,246.9 | 2,132.9 | 309.5 | 13.0 | 123.1 | 3,825.5 |
| Unkn Rtg (non-Triparty) | - | - | - | - | 1,638.2 | 1,638.2 |
| Total Collateral | 10,459.0 | 9,933.8 | 1,528.8 | 41.8 | 6,050.6 | 28,014.1 |
| Total Borrowings | 9,700.0 | 9,200.0 | 1,400.0 | 39.1 | 4,123.5 | 24,462.6 |
| Collateral Cushion | 7.82\% | 7.98\% | 9.20\% | 6.93\% | 46.74\% | 14.52\% |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $132,342,326$ | $0.47 \%$ |
| Agency | $503,681,993$ | $1.80 \%$ |
| AAA | $8,550,027,030$ | $30.52 \%$ |
| AA | $1,016,882,665$ | $3.63 \%$ |
| A | $1,461,464,956$ | $5.22 \%$ |
| BBB | $1,347,749,732$ | $4.81 \%$ |
| BB | $1,385,609,179$ | $4.95 \%$ |
| B | $1,036,939,999$ | $3.70 \%$ |
| CCC-C | $1,567,366,733$ | $5.59 \%$ |
| D | $236,122,488$ | $0.84 \%$ |
| A-1 | $43,884,021$ | $2.10 \%$ |
| A-2 | $4,681,141,149$ | $16.71 \%$ |
| Equity | $1,825,470,343$ | $13.66 \%$ |
| Unkn Rtg (Triparty) | $28,014,104,369$ | $100.00 \%$ |
| Unkn Rtg (non-Triparty) |  |  |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,413,778,185$ | $8.62 \%$ |
| Agency Debt | $503,400,982$ | $1.80 \%$ |
| CDs-CP-BAs | $631,104,015$ | $2.25 \%$ |
| CMBS | $11,135,643$ | $0.04 \%$ |
| Convertible Bonds-Domestic | $1,605,928,369$ | $5.73 \%$ |
| Convertible Bonds-Foreign | $395,360,927$ | $1.41 \%$ |
| Corporates-Domestic | $1,962,338,708$ | $7.00 \%$ |
| Corporates-Foreign | $466,481,498$ | $1.67 \%$ |
| Equity-Domestic | $4,344,619,935$ | $15.51 \%$ |
| Equity-Foreign | $336,521,214$ | $1.20 \%$ |
| Foreign Sovereigns-Domestic | $341,236,761$ | $1.22 \%$ |
| Foreign Sovereigns-Foreign | $27,927,838$ | $0.10 \%$ |
| MBS - Agency - CMO | 281,011 | $0.00 \%$ |
| MBS - Private (CMO) | $1,987,555,021$ | $7.09 \%$ |
| Muni | $3,941,007,698$ | $14.07 \%$ |
| Mutual Fund | $7,274,305,788$ | $25.97 \%$ |
| Supranational | 551,700 | $0.00 \%$ |
| Treasury | $132,342,326$ | $0.47 \%$ |
| Whole Loans - DW | $1,638,226,750$ | $5.85 \%$ |
| Total | $28,014,104,369$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 66,928,050 | 0.64\% |
|  |  | A | 36,412,956 | 0.35\% |
|  |  | BBB | 47,009,737 | 0.45\% |
|  |  | BB | 71,228,049 | 0.68\% |
|  |  | B | 138,099,831 | 1.32\% |
|  |  | CCC-C | 205,220,331 | 1.96\% |
|  |  | D | 76,493,976 | 0.73\% |
|  |  | Unkn Rtg (Triparty) | 192,799,194 | 1.84\% |
|  | Agency Debt | Agency | 62,522,196 | 0.60\% |
|  | Convertible Bonds-Domestic | A | 176,518,894 | 1.69\% |
|  |  | BBB | 108,917,414 | 1.04\% |
|  |  | BB | 107,155,789 | 1.02\% |
|  |  | B | 39,399,212 | 0.38\% |
|  |  | CCC-C | 50,306,937 | 0.48\% |
|  |  | Unkn Rtg (Triparty) | 395,181,171 | 3.78\% |
|  | Corporates-Domestic | AA | 76,931 | 0.00\% |
|  |  | BB | 104,670 | 0.00\% |
|  |  | B | 57,849,695 | 0.55\% |
|  |  | CCC-C | 242,031,691 | 2.31\% |
|  |  | D | 14,312,507 | 0.14\% |
|  |  | Unkn Rtg (Triparty) | 417,043,276 | 3.99\% |
|  | Equity-Domestic | Equity | 2,412,434,753 | 23.07\% |
|  | MBS - Agency - CMO | Agency | 13,576 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 35,028,492 | 0.33\% |
|  |  | AA | 81,073,840 | 0.78\% |
|  |  | A | 1,985,181 | 0.02\% |
|  |  | BBB | 50,647,805 | 0.48\% |
|  |  | BB | 121,138,958 | 1.16\% |
|  |  | B | 213,626,487 | 2.04\% |
|  |  | CCC-C | 523,957,043 | 5.01\% |
|  |  | D | 5,680,012 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 25,638,082 | 0.25\% |
|  | Muni | AAA | 59,171,339 | 0.57\% |
|  |  | AA | 74,582,819 | 0.71\% |
|  |  | A | 10,129,600 | 0.10\% |
|  |  | BBB | 6,050,000 | 0.06\% |
|  |  | BB | 100,000 | 0.00\% |
|  |  | CCC-C | 4,750,000 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 89,800,388 | 0.86\% |
|  | Mutual Fund | AAA | 4,085,475,000 | 39.06\% |
|  |  | AA | 700,000 | 0.01\% |
|  |  | A | 25,000,000 | 0.24\% |
|  |  | Unkn Rtg (Triparty) | Page 10 026,425,000 | 1.21\% |
|  | Treasury | Treasury | 12,623 | 0.00\% |
|  | Dealer Total |  | 10,459,033,504 | 100.00\% |
| Citigroup | ABS | AAA | 78,201,242 | 0.79\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | ABS (con't) | CCC-C | 136,662,723 | 1.38\% |
|  |  | D | 69,369,652 | 0.70\% |
|  |  | Unkn Rtg (Triparty) | 164,234,470 | 1.65\% |
|  | Agency Debt | Agency | 426,432,253 | 4.29\% |
|  | CDs-CP-BAs | A-1 | 587,884,021 | 5.92\% |
|  |  | A-2 | 43,195,004 | 0.43\% |
|  | CMBS | Unkn Rtg (Triparty) | 11,135,643 | 0.11\% |
|  | Convertible Bonds-Domestic | A | 41,760,153 | 0.42\% |
|  |  | BB | 40,598,842 | 0.41\% |
|  |  | B | 16,772,115 | 0.17\% |
|  |  | CCC-C | 25,717,142 | 0.26\% |
|  |  | D | 18,246,937 | 0.18\% |
|  |  | Unkn Rtg (Triparty) | 568,538,675 | 5.72\% |
|  | Convertible Bonds-Foreign | A | 53,932,039 | 0.54\% |
|  |  | BB | 3,468,147 | 0.03\% |
|  |  | B | 1,615,499 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 336,345,242 | 3.39\% |
|  | Corporates-Domestic | AAA | 2,579,723 | 0.03\% |
|  |  | AA | 24,861 | 0.00\% |
|  |  | A | 25,535,677 | 0.26\% |
|  |  | BBB | 76,101,239 | 0.77\% |
|  |  | BB | 193,699,941 | 1.95\% |
|  |  | B | 27,537,862 | 0.28\% |
|  |  | CCC-C | 31,579,328 | 0.32\% |
|  |  | D | 2,304,992 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 327,070,196 | 3.29\% |
|  | Corporates-Foreign | A | 9,279,285 | 0.09\% |
|  |  | BBB | 1,207,902 | 0.01\% |
|  |  | CCC-C | 2,096,303 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 104,516,328 | 1.05\% |
|  | Equity-Domestic | Equity | 1,814,415,209 | 18.26\% |
|  | Equity-Foreign | Equity | 336,521,214 | 3.39\% |
|  | MBS - Private (CMO) | AAA | 28,752,504 | 0.29\% |
|  |  | AA | 14,118,995 | 0.14\% |
|  |  | A | 41,490,544 | 0.42\% |
|  |  | BBB | 18,498,173 | 0.19\% |
|  |  | BB | 91,688,910 | 0.92\% |
|  |  | B | 215,795,882 | 2.17\% |
|  |  | CCC-C | 161,405,993 | 1.62\% |
|  |  | D | 13,298,914 | 0.13\% |
|  |  | Unkn Rtg (Triparty) | 82,449,334 | 0.83\% |
|  | Muni | AAA | 49,783,474 | 0.50\% |
|  |  | AA | 8,355,643 | 0.08\% |
|  |  | A | 58,862,270 | 0.59\% |
|  |  | BBB | Page 148, $0 \$ 12585$ | 1.50\% |
|  |  | BB | 29,094,937 | 0.29\% |
|  |  | B | 29,271,052 | 0.29\% |
|  |  | CCC-C | 73,117,750 | 0.74\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Mutual Fund (con't) | Unkn Rtg (Triparty) | 392,405,788 | 3.95\% |
|  | Supranational | AAA | 159,425 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 14,003 | 0.00\% |
|  | Treasury | Treasury | 131,173,326 | 1.32\% |
|  | Dealer Total |  | 9,933,837,415 | 100.00\% |
| Merrill Lynch | ABS | AAA | 33,182,491 | 2.17\% |
|  |  | AA | 25,882,963 | 1.69\% |
|  |  | A | 40,603,849 | 2.66\% |
|  |  | BBB | 30,347,499 | 1.99\% |
|  |  | BB | 20,690,417 | 1.35\% |
|  |  | B | 7,254,667 | 0.47\% |
|  |  | Unkn Rtg (Triparty) | 43,456,777 | 2.84\% |
|  | Convert ble Bonds-Domestic | Unkn Rtg (Triparty) | 2,540 | 0.00\% |
|  | Corporates-Domestic | AAA | 540,106 | 0.04\% |
|  |  | AA | 1,367,887 | 0.09\% |
|  |  | A | 69,849,151 | 4.57\% |
|  |  | BBB | 35,536,647 | 2.32\% |
|  |  | BB | 28,071,897 | 1.84\% |
|  |  | B | 25,837,844 | 1.69\% |
|  |  | CCC-C | 1,255,069 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 195,215,482 | 12.77\% |
|  | Corporates-Foreign | AAA | 1,536,812 | 0.10\% |
|  |  | AA | 885,756 | 0.06\% |
|  |  | A | 7,945,099 | 0.52\% |
|  |  | BBB | 56,883,495 | 3.72\% |
|  |  | BB | 200,356,162 | 13.11\% |
|  |  | B | 8,645,008 | 0.57\% |
|  |  | CCC-C | 4,672,665 | 0.31\% |
|  |  | D | 590,372 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 67,866,310 | 4.44\% |
|  | Foreign Sovereigns-Domestic | AAA | 859,261 | 0.06\% |
|  |  | BBB | 552,622 | 0.04\% |
|  |  | BB | 272,874,215 | 17.85\% |
|  |  | B | 63,417,863 | 4.15\% |
|  |  | CCC-C | 544,924 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 2,987,877 | 0.20\% |
|  | Foreign Sovereigns-Foreign | BBB | 10,400,120 | 0.68\% |
|  |  | BB | 9,987,213 | 0.65\% |
|  |  | B | 7,540,504 | 0.49\% |
|  | MBS - Private (CMO) | AAA | 235,699,671 | 15.42\% |
|  |  | AA | 3,283,135 | 0.21\% |
|  |  | A | 217,241 | 0.01\% |
|  |  | BBB | 8,972,106 | 0.59\% |
|  |  | BB | 452,897 | 0.03\% |
|  |  | CCC-C | 543,120 | 0.04\% |
|  | Muni | B | 1,650,886 | 0.11\% |
|  | Supranational | AAA | Page 1678,7720 | 0.02\% |
|  | Dealer Total |  | 1,528,838,894 | 100.00\% |
| Mizuho | Convert ble Bonds-Domestic | BBB | 4,512,500 | 10.79\% |
|  | Corporates-Domestic | AAA | 10,207,258 | 24.41\% |
|  |  | A | 4,301,678 | 10.29\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Mizuho (con't) | Corporates-Domestic (con't) | BBB | 9,754,562 | 23.32\% |
|  |  | Unkn Rtg (Triparty) | 13,045,525 | 31.19\% |
|  | Dealer Total |  | 41,821,523 | 100.00\% |
| Morgan Stanley | ABS | AAA | 223,215,415 | 3.69\% |
|  |  | AA | 60,786,806 | 1.00\% |
|  |  | A | 3,975,967 | 0.07\% |
|  |  | BBB | 5,452,574 | 0.09\% |
|  |  | B | 2,873,360 | 0.05\% |
|  | Agency Debt | Agency | 14,446,533 | 0.24\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 24,990 | 0.00\% |
|  | Convertible Bonds-Domestic | AA | 72,116 | 0.00\% |
|  |  | A | 1,539,925 | 0.03\% |
|  |  | BBB | 2,945,351 | 0.05\% |
|  |  | BB | 2,759,784 | 0.05\% |
|  |  | B | 710,791 | 0.01\% |
|  |  | CCC-C | 1,320,182 | 0.02\% |
|  |  | D | 3,159 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 2,948,741 | 0.05\% |
|  | Corporates-Domestic | AAA | 14,751,049 | 0.24\% |
|  |  | AA | 8,050,388 | 0.13\% |
|  |  | A | 18,417,579 | 0.30\% |
|  |  | BBB | 21,352,914 | 0.35\% |
|  |  | BB | 11,460,254 | 0.19\% |
|  |  | B | 9,561,018 | 0.16\% |
|  |  | CCC-C | 21,447,386 | 0.35\% |
|  |  | D | 21,432,411 | 0.35\% |
|  |  | Unkn Rtg (Triparty) | 23,030,014 | 0.38\% |
|  | Equity-Domestic | Equity | 117,769,973 | 1.95\% |
|  | MBS - Agency - CMO | Agency | 267,435 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 9,579,004 | 0.16\% |
|  |  | AA | 179,500 | 0.00\% |
|  |  | A | 289,570 | 0.00\% |
|  |  | BBB | 232,650 | 0.00\% |
|  |  | BB | 628,683 | 0.01\% |
|  |  | B | 126,011 | 0.00\% |
|  |  | CCC-C | 574,531 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 501,752 | 0.01\% |
|  | Muni | AAA | 1,060,551,492 | 17.53\% |
|  |  | AA | 663,935,884 | 10.97\% |
|  |  | A | 799,120,034 | 13.21\% |
|  |  | BBB | 459,039,011 | 7.59\% |
|  |  | BB | 962,881 | 0.02\% |
|  |  | B | 474,986 | 0.01\% |
|  |  | CCC-C | 80,163,614 | 1.32\% |
|  |  | D | 6,725 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 72,632,463 | 1.20\% |
|  | Mutual Fund | AAA | 647,650,000 | 10.70\% |
|  |  | Unkn Rtg (Triparty) | 23,925,000 | 0.40\% |
|  | Treasury | Treasury | Page 11 Powsido | 0.02\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,638,226,750 | 27.08\% |
|  | Dealer Total |  | 6,050,573,033 | 100.00\% |

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## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Wednesday , February 11
William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 02/12/2009 01:15 PM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

## Highlights for Wednesday, February 11

- Total PDCF borrowing on Wednesday was $\$ 26.12$ billion, an increase of $\$ 1.66$ billion from the prior day.
- On Wednesday, Bank of America borrowed a combined $\$ 11.2$ billion through its US broker/dealer and its Merrill Lynch London broker/dealer. As compared to Tuesday, the composition of the $\$ 12.09$ billion of collateral provided shifted towards convertible debt ( $7.3 \%$ to $15.3 \%$ ) and away from corporate debt ( $12 \%$ to $8 \%$ ). Currently, Bank of America's total collateral consists primarily of mutual funds ( $34 \%$ ), equities ( $20.7 \%$ ), and convertible debt ( $15.3 \%$ ).
- Foreign denominated collateral currently accounts for $3.97 \%$ of the total collateral across all participants. Citigroup has $\$ 0.84$ billion of foreign denominated collateral while Bank of America (through Merrill Lynch) has $\$ 0.34$ billion of foreign denominated collateral. Morgan Stanley has not provided foreign denominated collateral since February 2nd and Goldman Sachs has not borrowed through the program since November 26, 2008.


PDCF Charts and Tables - 20090211.doc
Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Wednesday, February 11, 2009

## Highlights

- Total PDCF borrowing on Wednesday was $\$ 26.12$ billion, an increase of $\$ 1.66$ billion from the prior day.
- On Wednesday, Bank of America borrowed a combined $\$ 11.2$ billion through its US broker/dealer and its Merrill Lynch London broker/dealer. As compared to Tuesday, the composition of the $\$ 12.09$ billion of collateral provided shifted towards convertible debt ( $7.3 \%$ to $15.3 \%$ ) and away from corporate debt ( $12 \%$ to $8 \%$ ). Currently, Bank of America's total collateral consists primarily of mutual funds (34\%), equities (20.7\%), and convertible debt ( $15.3 \%$ ).
- Foreign denominated collateral currently accounts for $3.97 \%$ of the total collateral across all participants. Citigroup has $\$ 0.84$ billion of foreign denominated collateral while Bank of America (through Merrill Lynch) has $\$ 0.34$ billion of foreign denominated collateral. Morgan Stanley has not provided foreign denominated collateral since February $2^{\text {nd }}$ and Goldman Sachs has not borrowed through the program since November 26, 2008.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 2 / 1 1 / 2 0 0 9}$ | $\mathbf{0 2 / 1 0 / 2 0 0 9}$ | $\mathbf{0 2 / 0 9 / 2 0 0 9}$ | $\mathbf{0 2 / 0 6 / 2 0 0 9}$ | $\mathbf{0 2 / 0 5 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 9.80 | 9.70 | 9.00 | 10.20 | 8.50 |
| Citigroup | 10.70 | 9.20 | 10.70 | 10.70 | 11.50 |
| Merrill Lynch | 1.40 | 1.40 | 1.40 | 1.40 | 1.40 |
| Mizuho | 0.10 | 0.04 | 0.06 | 0.03 | 0.02 |
| Morgan Stanley | 4.12 | 4.12 | 4.10 | 4.09 | 4.11 |
| Total Borrowings | $\mathbf{2 6 . 1 2}$ | $\mathbf{2 4 . 4 6}$ | $\mathbf{2 5 . 2 6}$ | $\mathbf{2 6 . 4 2}$ | $\mathbf{2 5 . 5 3}$ |
|  |  |  |  |  |  |
| Total Collateral* | $\mathbf{2 9 . 7 9}$ | $\mathbf{2 8 . 0 1}$ | $\mathbf{2 8 . 8 5}$ | $\mathbf{3 0 . 1 2}$ | $\mathbf{2 9 . 1 9}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 4 . 0 5 \%}$ | $\mathbf{1 4 . 5 1 \%}$ | $\mathbf{1 4 . 2 1 \%}$ | $\mathbf{1 4 . 0 0 \%}$ | $\mathbf{1 4 . 3 4 \%}$ |

[^57]PDCF Borrowing Trend


## Composition of Collateral Pledged for February 11 Borrowings - in millions

[^58]| Rating ${ }^{1}$ | Bank of America | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treasury | - | - | - | - | 1.2 | 1.2 |
| Agency | 55.9 | 35.5 | - | - | 14.8 | 106.2 |
| AAA | 3,987.4 | 2,139.4 | 269.4 | 44.2 | 1,957.6 | 8,398.1 |
| AA | 151.8 | 38.0 | 31.3 | 6.9 | 731.0 | 958.9 |
| A | 232.7 | 289.9 | 118.4 | 27.2 | 825.0 | 1,493.0 |
| BBB | 233.0 | 509.5 | 152.8 | 15.0 | 487.9 | 1,398.2 |
| BB | 323.0 | 652.4 | 506.3 | - | 19.3 | 1,500.9 |
| B | 674.0 | 742.2 | 115.1 | - | 14.7 | 1,546.1 |
| CCC-C | 812.8 | 678.4 | 6.9 | - | 102.5 | 1,600.5 |
| D | 127.7 | 113.5 | 0.6 | - | 22.4 | 264.1 |
| A-1 | - | 821.0 | - | - | - | 821.0 |
| A-2 | - | 207.7 | - | - | - | 207.7 |
| A-3 | - | - | - | - | - | - |
| NP | - | - | - | - | - | - |
| Equity | 2,496.3 | 2,526.9 | - | - | 117.7 | 5,141.0 |
| Unkn Rtg (Triparty) | 1,464.5 | 2,794.9 | 328.1 | 13.2 | 116.8 | 4,717.6 |
| Unkn Rtg (non-Triparty) | - | - | - | - | 1,638.2 | 1,638.2 |
| Total Collateral | 10,559.0 | 11,549.2 | 1,528.8 | 106.5 | 6,049.1 | 29,792.7 |
| Total Borrowings | 9,800.0 | 10,700.0 | 1,400.0 | 99.5 | 4,122.1 | 26,121.7 |
| Collateral Cushion | 7.74\% | 7.94\% | 9.20\% | 6.99\% | 46.75\% | 14.05\% |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $1,168,033$ | $0.00 \%$ |
| Agency | $106,189,979$ | $0.36 \%$ |
| AAA | $8,398,067,276$ | $28.19 \%$ |
| AA | $958,933,903$ | $3.22 \%$ |
| A | $1,493,015,978$ | $5.01 \%$ |
| BBB | $1,398,248,791$ | $4.69 \%$ |
| BB | $1,500,904,524$ | $5.04 \%$ |
| B | $1,546,085,994$ | $5.19 \%$ |
| CCC-C | $1,600,509,562$ | $5.37 \%$ |
| D | $264,141,582$ | $0.89 \%$ |
| A-1 | $821,020,526$ | $2.76 \%$ |
| A-2 | $207,662,871$ | $0.70 \%$ |
| Equity | $4,140,967,977$ | $17.26 \%$ |
| Unkn Rtg (Triparty) | $4,717,568,682$ | $15.83 \%$ |
| Unkn Rtg (non-Triparty) | $1,638,226,750$ | $5.50 \%$ |
| Total | $29,792,712,428$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,354,258,623$ | $7.90 \%$ |
| Agency Debt | $105,922,449$ | $0.36 \%$ |
| CDs-CP-BAs | $1,180,577,271$ | $3.96 \%$ |
| CMBS | $12,989,306$ | $0.04 \%$ |
| Convertible Bonds-Domestic | $3,722,214,026$ | $12.49 \%$ |
| Convertible Bonds-Foreign | $377,958,465$ | $1.27 \%$ |
| Corporates-Domestic | $1,526,891,506$ | $5.13 \%$ |
| Corporates-Foreign | $432,328,858$ | $1.45 \%$ |
| Equity-Domestic | $4,793,661,205$ | $16.09 \%$ |
| Equity-Foreign | $347,306,772$ | $1.17 \%$ |
| Foreign Sovereigns-Domestic | $338,409,093$ | $1.14 \%$ |
| Foreign Sovereigns-Foreign | $26,567,885$ | $0.09 \%$ |
| MBS - Agency - CMO | 267,530 | $0.00 \%$ |
| MBS - Private (CMO) | $1,974,891,399$ | $6.63 \%$ |
| Muni | $3,876,885,373$ | $13.01 \%$ |
| Mutual Fund | $7,071,365,049$ | $23.74 \%$ |
| Supranational | $10,822,835$ | $0.04 \%$ |
| Treasury | $1,168,033$ | $0.00 \%$ |
| Whole Loans - DW | $1,638,226,750$ | $5.50 \%$ |
| Total | $29,792,712,428$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 69,919,965 | 0.66\% |
|  |  | A | 36,397,756 | 0.34\% |
|  |  | BBB | 46,987,105 | 0.44\% |
|  |  | BB | 67,112,800 | 0.64\% |
|  |  | B | 105,362,293 | 1.00\% |
|  |  | CCC-C | 182,313,642 | 1.73\% |
|  |  | D | 61,384,183 | 0.58\% |
|  |  | Unkn Rtg (Triparty) | 178,813,459 | 1.69\% |
|  | Agency Debt | Agency | 55,914,120 | 0.53\% |
|  | Convertible Bonds-Domestic | A | 169,074,580 | 1.60\% |
|  |  | BBB | 182,700,154 | 1.73\% |
|  |  | BB | 233,751,651 | 2.21\% |
|  |  | B | 207,295,631 | 1.96\% |
|  |  | CCC-C | 100,396,240 | 0.95\% |
|  |  | Unkn Rtg (Triparty) | 955,523,087 | 9.05\% |
|  | Corporates-Domestic | A | 215,950 | 0.00\% |
|  |  | B | 56,681,938 | 0.54\% |
|  |  | CCC-C | 9,006,607 | 0.09\% |
|  |  | D | 61,404,052 | 0.58\% |
|  |  | Unkn Rtg (Triparty) | 163,858,571 | 1.55\% |
|  | Equity-Domestic | Equity | 2,496,290,174 | 23.64\% |
|  | MBS - Private (CMO) | AAA | 21,986,833 | 0.21\% |
|  |  | AA | 81,139,747 | 0.77\% |
|  |  | A | 1,985,920 | 0.02\% |
|  |  | BBB | 3,345,060 | 0.03\% |
|  |  | BB | 22,118,308 | 0.21\% |
|  |  | B | 304,669,541 | 2.89\% |
|  |  | CCC-C | 521,038,189 | 4.93\% |
|  |  | D | 4,887,973 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 25,605,007 | 0.24\% |
|  | Muni | Unkn Rtg (Triparty) | 16,610,193 | 0.16\% |
|  | Mutual Fund | AAA | 3,965,375,000 | 37.55\% |
|  |  | AA | 700,000 | 0.01\% |
|  |  | A | 25,000,000 | 0.24\% |
|  |  | Unkn Rtg (Triparty) | 124,125,000 | 1.18\% |
|  | Treasury | Treasury | 12,637 | 0.00\% |
|  | Dealer Total |  | 10,559,003,365 | 100.00\% |
| Citigroup | ABS | AAA | 78,171,914 | 0.68\% |
|  |  | AA | 6,578,084 | 0.06\% |
|  |  | A | 34,258,710 | 0.30\% |
|  |  | BBB | 244,647,590 | 2.12\% |
|  |  | BB | 163,478,025 | 1.42\% |
|  |  | B |  | 1.46\% |
|  |  | CCC-C | 139,032,485 | 1.20\% |
|  |  | D | 69,615,099 | 0.60\% |
|  |  | Unkn Rtg (Triparty) | 164,483,972 | 1.42\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic | A | 41,882,073 | 0.36\% |
|  |  | BBB | 20,163,735 | 0.17\% |
|  |  | BB | 210,179,176 | 1.82\% |
|  |  | B | 273,090,512 | 2.36\% |
|  |  | CCC-C | 215,447,912 | 1.87\% |
|  |  | D | 14,343,789 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 1,077,767,545 | 9.33\% |
|  | Convertible Bonds-Foreign | A | 54,453,145 | 0.47\% |
|  |  | BB | 3,538,411 | 0.03\% |
|  |  | B | 1,709,452 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 318,257,458 | 2.76\% |
|  | Corporates-Domestic | AAA | 2,579,723 | 0.02\% |
|  |  | AA | 24,824 | 0.00\% |
|  |  | A | 25,540,569 | 0.22\% |
|  |  | BBB | 76,130,186 | 0.66\% |
|  |  | BB | 152,593,145 | 1.32\% |
|  |  | B | 27,550,555 | 0.24\% |
|  |  | CCC-C | 29,622,363 | 0.26\% |
|  |  | D | 1,723,868 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 316,718,238 | 2.74\% |
|  | Corporates-Foreign | A | 9,258,569 | 0.08\% |
|  |  | BBB | 1,205,291 | 0.01\% |
|  |  | CCC-C | 2,067,000 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 103,312,595 | 0.89\% |
|  | Equity-Domestic | Equity | 2,179,638,263 | 18.87\% |
|  | Equity-Foreign | Equity | 347,306,772 | 3.01\% |
|  | MBS - Private (CMO) | AAA | 28,416,187 | 0.25\% |
|  |  | AA | 3,844,736 | 0.03\% |
|  |  | A | 41,629,685 | 0.36\% |
|  |  | BBB | 18,489,793 | 0.16\% |
|  |  | BB | 93,474,977 | 0.81\% |
|  |  | B | 240,770,446 | 2.08\% |
|  |  | CCC-C | 206,379,769 | 1.79\% |
|  |  | D | 13,427,510 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 82,779,721 | 0.72\% |
|  | Muni | AAA | 65,045,712 | 0.56\% |
|  |  | AA | 27,556,342 | 0.24\% |
|  |  | A | 82,827,802 | 0.72\% |
|  |  | BBB | 148,816,539 | 1.29\% |
|  |  | BB | 29,102,662 | 0.25\% |
|  |  | B | 30,078,720 | 0.26\% |
|  |  | CCC-C | 85,847,423 | 0.74\% |
|  |  | D | 14,387,983 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 247,425,741 | 2.14\% |
|  | Mutual Fund | AAA | Page 465,2652000 | 17.02\% |
|  |  | Unkn Rtg (Triparty) | 319,340,049 | 2.77\% |
|  | Dealer Total |  | 11,549,235,689 | 100.00\% |
| Merrill Lynch | ABS | AAA | 33,138,747 | 2.17\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | ABS (con't) | BB | 26,205,098 | 1.71\% |
|  |  | B | 7,240,672 | 0.47\% |
|  |  | Unkn Rtg (Triparty) | 66,168,420 | 4.33\% |
|  | Convertible Bonds-Domestic | Unkn Rtg (Triparty) | 2,540 | 0.00\% |
|  | Corporates-Domestic | AAA | 540,223 | 0.04\% |
|  |  | AA | 1,367,887 | 0.09\% |
|  |  | A | 69,841,344 | 4.57\% |
|  |  | BBB | 35,567,263 | 2.33\% |
|  |  | BB | 28,424,775 | 1.86\% |
|  |  | B | 27,213,462 | 1.78\% |
|  |  | CCC-C | 1,257,972 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 195,139,627 | 12.76\% |
|  | Corporates-Foreign | AAA | 1,521,084 | 0.10\% |
|  |  | AA | 890,757 | 0.06\% |
|  |  | A | 7,855,379 | 0.51\% |
|  |  | BBB | 56,741,503 | 3.71\% |
|  |  | BB | 171,933,049 | 11.25\% |
|  |  | B | 8,637,294 | 0.56\% |
|  |  | CCC-C | 4,515,998 | 0.30\% |
|  |  | D | 590,047 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 63,800,294 | 4.17\% |
|  | Foreign Sovereigns-Domestic | AAA | 859,283 | 0.06\% |
|  |  | BBB | 552,994 | 0.04\% |
|  |  | BB | 270,563,625 | 17.70\% |
|  |  | B | 62,899,334 | 4.11\% |
|  |  | CCC-C | 545,197 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 2,988,659 | 0.20\% |
|  | Foreign Sovereigns-Foreign | BBB | 10,393,763 | 0.68\% |
|  |  | BB | 8,671,777 | 0.57\% |
|  |  | B | 7,502,345 | 0.49\% |
|  | MBS - Private (CMO) | AAA | 233,011,553 | 15.24\% |
|  |  | AA | 3,225,663 | 0.21\% |
|  |  | A | 214,265 | 0.01\% |
|  |  | BBB | 8,922,206 | 0.58\% |
|  |  | BB | 452,017 | 0.03\% |
|  |  | CCC-C | 535,380 | 0.04\% |
|  | Muni | B | 1,647,942 | 0.11\% |
|  | Supranational | AAA | 377,513 | 0.02\% |
|  | Dealer Total |  | 1,528,833,023 | 100.00\% |
| Mizuho | Convertible Bonds-Domestic | BBB | 4,476,750 | 4.20\% |
|  | Corporates-Domestic | AAA | 33,786,629 | 31.72\% |
|  |  | AA | 6,898,067 | 6.48\% |
|  |  | A | 27,164,015 | 25.50\% |
|  |  | BBB | 10,570,748 | 9.92\% |
|  |  | Unkn Rtg (Triparty) | 13,165,588 | 12.36\% |
|  | Supranational | AAA | 10,445,322 | 9.81\% |
|  | Dealer Total |  | Page 160б反07020 | 100.00\% |
| Morgan Stanley | ABS | AAA | 223,217,394 | 3.69\% |
|  |  | AA | 61,547,320 | 1.02\% |
|  |  | A | 3,977,216 | 0.07\% |
|  |  | BBB | 5,452,751 | 0.09\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | ABS (con't) | B | 2,873,360 | 0.05\% |
|  | Agency Debt | Agency | 14,556,120 | 0.24\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 25,431 | 0.00\% |
|  | Convertible Bonds-Domestic | AA | 72,306 | 0.00\% |
|  |  | A | 5,303,745 | 0.09\% |
|  |  | BBB | 3,078,565 | 0.05\% |
|  |  | BB | 2,714,999 | 0.04\% |
|  |  | B | 701,980 | 0.01\% |
|  |  | CCC-C | 1,315,665 | 0.02\% |
|  |  | D | 3,173 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 2,928,217 | 0.05\% |
|  | Corporates-Domestic | AAA | 15,246,571 | 0.25\% |
|  |  | AA | 7,782,783 | 0.13\% |
|  |  | A | 18,661,171 | 0.31\% |
|  |  | BBB | 19,791,648 | 0.33\% |
|  |  | BB | 15,077,207 | 0.25\% |
|  |  | B | 10,554,424 | 0.17\% |
|  |  | CCC-C | 20,445,398 | 0.34\% |
|  |  | D | 22,367,150 | 0.37\% |
|  |  | Unkn Rtg (Triparty) | 22,376,965 | 0.37\% |
|  | Equity-Domestic | Equity | 117,732,769 | 1.95\% |
|  | MBS - Agency - CMO | Agency | 267,530 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 9,936,553 | 0.16\% |
|  |  | AA | 179,805 | 0.00\% |
|  |  | A | 292,928 | 0.00\% |
|  |  | BBB | 234,853 | 0.00\% |
|  |  | BB | 617,077 | 0.01\% |
|  |  | B | 128,874 | 0.00\% |
|  |  | CCC-C | 579,066 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 571,757 | 0.01\% |
|  | Muni | AAA | 1,061,511,037 | 17.55\% |
|  |  | AA | 661,374,880 | 10.93\% |
|  |  | A | 796,729,265 | 13.17\% |
|  |  | BBB | 459,386,851 | 7.59\% |
|  |  | BB | 895,746 | 0.01\% |
|  |  | B | 472,726 | 0.01\% |
|  |  | CCC-C | 80,163,254 | 1.33\% |
|  |  | D | 6,757 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 66,997,801 | 1.11\% |
|  | Mutual Fund | AAA | 647,675,000 | 10.71\% |
|  |  | Unkn Rtg (Triparty) | 23,925,000 | 0.40\% |
|  | Treasury | Treasury | 1,155,397 | 0.02\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,638,226,750 | 27.08\% |
|  | Dealer Total |  | 6,049,133,231 | 100.00\% |

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## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Thursday, February 12
William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 02/13/2009 01:26 PM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Thursday, February 12

- Total PDCF borrowing on Thursday was unchanged from Wednesday and remained at $\$ 26.12$ billion.
- Over the past week, collateral provided by Bank of America, including its Merrill Lynch London broker/dealer, has moderately shifted away from investment grade securities and towards non-investment grade securities and securities with unknown ratings. Of Bank of America's \$12.66 billion of collateral, $41.2 \%$ are investment grade securities, $24.6 \%$ are non-investment grade securities, $19.7 \%$ are equities, and $14.6 \%$ are securities with unknown ratings. Foreign denominated securities account for $3.7 \%$ of Bank of America's total collateral and are entirely provided through the Merrill Lynch London broker/dealer.
- The total PDCF collateral provided by all participants consists primarily of mutual funds (24.1\%), equities ( $16.3 \%$ ), and convertible debt ( $14.5 \%$ ). Approximately $4.1 \%$ of the total collateral is foreign denominated securities.


PDCF Charts and Tables - 20090212.doc
Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Thursday, February 12, 2009

## Highlights

- Total PDCF borrowing on Thursday was unchanged from Wednesday and remained at $\$ 26.12$ billion.
- Over the past week, collateral provided by Bank of America, including its Merrill Lynch London broker/dealer, has moderately shifted away from investment grade securities and towards non-investment grade securities and securities with unknown ratings. Of Bank of America's $\$ 12.66$ billion of collateral, $41.2 \%$ are investment grade securities, $24.6 \%$ are non-investment grade securities, $19.7 \%$ are equities, and $14.6 \%$ are securities with unknown ratings. Foreign denominated securities account for $3.7 \%$ of Bank of America's total collateral and are entirely provided through the Merrill Lynch London broker/dealer.
- The total PDCF collateral provided by all participants consists primarily of mutual funds (24.1\%), equities (16.3\%), and convertible debt ( $14.5 \%$ ). Approximately $4.1 \%$ of the total collateral is foreign denominated securities.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 2 / 1 2 / 2 0 0 9}$ | $\mathbf{0 2 / 1 1 / 2 0 0 9}$ | $\mathbf{0 2 / 1 0 / 2 0 0 9}$ | $\mathbf{0 2 / 0 9 / 2 0 0 9}$ | $\mathbf{0 2 / 0 6 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 10.30 | 9.80 | 9.70 | 9.00 | 10.20 |
| Citigroup | 10.20 | 10.70 | 9.20 | 10.70 | 10.70 |
| Merrill Lynch | 1.40 | 1.40 | 1.40 | 1.40 | 1.40 |
| Mizuho | 0.14 | 0.10 | 0.04 | 0.06 | 0.03 |
| Morgan Stanley | 4.08 | 4.12 | 4.12 | 4.10 | 4.09 |
| Total Borrowings | $\mathbf{2 6 . 1 2}$ | $\mathbf{2 6 . 1 2}$ | $\mathbf{2 4 . 4 6}$ | $\mathbf{2 5 . 2 6}$ | $\mathbf{2 6 . 4 2}$ |
|  |  |  |  |  |  |
| Total Collateral $^{*}$ | $\mathbf{2 9 . 7 8}$ | $\mathbf{2 9 . 7 9}$ | $\mathbf{2 8 . 0 1}$ | $\mathbf{2 8 . 8 5}$ | $\mathbf{3 0 . 1 2}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 4 . 0 1 \%}$ | $\mathbf{1 4 . 0 5 \%}$ | $\mathbf{1 4 . 5 1 \%}$ | $\mathbf{1 4 . 2 1 \%}$ | $\mathbf{1 4 . 0 0 \%}$ |

[^59]PDCF Borrowing Trend


## Composition of Collateral Pledged for February 12 Borrowings - in millions

[^60]| Rating ${ }^{1}$ | Bank of America | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treasury | - | - | - | - | 1.2 | 1.2 |
| Agency | 56.0 | 336.5 | - | - | 9.4 | 401.8 |
| AAA | 4,073.6 | 2,215.9 | 264.6 | 105.5 | 1,957.6 | 8,617.2 |
| AA | 63.7 | 117.4 | 30.8 | 6.9 | 715.3 | 934.1 |
| A | 217.6 | 324.1 | 117.9 | 20.3 | 808.0 | 1,487.9 |
| BBB | 226.7 | 561.2 | 151.6 | 15.1 | 483.0 | 1,437.7 |
| BB | 344.9 | 455.4 | 514.2 | - | 18.5 | 1,333.0 |
| B | 704.4 | 691.0 | 116.8 | - | 14.7 | 1,526.9 |
| CCC-C | 1,251.0 | 724.6 | 6.7 | - | 102.7 | 2,085.0 |
| D | 164.0 | 83.1 | 0.6 | - | 22.7 | 270.4 |
| A-1 | - | 471.9 | - | - | - | 471.9 |
| A-2 | - | 65.5 | - | - | - | 65.5 |
| A-3 | - | - | - | - | - | - |
| NP | - | - | - | - | - | - |
| Equity | 2,489.8 | 2,257.0 | - | - | 117.7 | 4,864.4 |
| Unkn Rtg (Triparty) | 1,514.6 | 2,689.0 | 325.9 | - | 118.5 | 4,648.0 |
| Unkn Rtg (non-Triparty) | - | - | - | - | 1,638.2 | 1,638.2 |
| Total Collateral | 11,106.3 | 10,992.4 | 1,529.1 | 147.9 | 6,007.4 | 29,783.1 |
| Total Borrowings | 10,300.0 | 10,200.0 | 1,400.0 | 138.2 | 4,082.8 | 26,121.0 |
| Collateral Cushion | 7.83\% | 7.77\% | 9.22\% | 7.02\% | 47.14\% | 14.02\% |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $1,172,490$ | $0.00 \%$ |
| Agency | $401,836,878$ | $1.35 \%$ |
| AAA | $8,617,173,294$ | $28.93 \%$ |
| AA | $934,052,307$ | $3.14 \%$ |
| A | $1,487,917,346$ | $5.00 \%$ |
| BBB | $1,437,722,410$ | $4.83 \%$ |
| BB | $1,333,023,236$ | $4.48 \%$ |
| B | $1,526,856,269$ | $5.13 \%$ |
| CCC-C | $2,084,990,239$ | $7.00 \%$ |
| D | $270,353,296$ | $0.91 \%$ |
| A-1 | $471,895,659$ | $1.58 \%$ |
| A-2 | $65,488,545$ | $0.22 \%$ |
| Equity | $4,864,434,284$ | $16.33 \%$ |
| Unkn Rtg (Triparty) | $4,647,986,594$ | $15.61 \%$ |
| Unkn Rtg (non-Triparty) | $1,638,226,750$ | $5.50 \%$ |
| Total | $29,783,129,596$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,257,665,429$ | $7.58 \%$ |
| Agency Debt | $401,570,992$ | $1.35 \%$ |
| CDs-CP-BAs | $537,409,844$ | $1.80 \%$ |
| CMBS | $14,042,558$ | $0.05 \%$ |
| Convertible Bonds-Domestic | $3,937,475,540$ | $13.22 \%$ |
| Convertible Bonds-Foreign | $389,035,884$ | $1.31 \%$ |
| Corporates-Domestic | $1,879,042,177$ | $6.31 \%$ |
| Corporates-Foreign | $444,127,020$ | $1.49 \%$ |
| Equity-Domestic | $4,516,451,728$ | $15.16 \%$ |
| Equity-Foreign | $347,982,557$ | $1.17 \%$ |
| Foreign Sovereigns-Domestic | $327,944,180$ | $1.10 \%$ |
| Foreign Sovereigns-Foreign | $26,108,199$ | $0.09 \%$ |
| MBS - Agency - CMO | 265,886 | $0.00 \%$ |
| MBS - Private (CMO) | $1,829,138,129$ | $6.14 \%$ |
| Muni | $4,062,466,958$ | $13.64 \%$ |
| Mutual Fund | $7,162,175,138$ | $24.05 \%$ |
| Supranational | $10,828,140$ | $0.04 \%$ |
| Treasury | $1,172,490$ | $0.00 \%$ |
| Whole Loans - DW | $1,638,226,750$ | $5.50 \%$ |
| Total | $29,783,129,596$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 62,953,954 | 0.57\% |
|  |  | A | 6,468,178 | 0.06\% |
|  |  | BBB | 43,668,916 | 0.39\% |
|  |  | BB | 72,738,381 | 0.65\% |
|  |  | B | 138,264,622 | 1.24\% |
|  |  | CCC-C | 341,632,657 | 3.08\% |
|  |  | D | 86,510,791 | 0.78\% |
|  |  | Unkn Rtg (Triparty) | 191,866,944 | 1.73\% |
|  | Agency Debt | Agency | 56,018,859 | 0.50\% |
|  | Convertible Bonds-Domestic | A | 185,692,498 | 1.67\% |
|  |  | BBB | 181,985,441 | 1.64\% |
|  |  | BB | 232,518,364 | 2.09\% |
|  |  | B | 211,090,553 | 1.90\% |
|  |  | CCC-C | 86,640,200 | 0.78\% |
|  |  | Unkn Rtg (Triparty) | 782,997,875 | 7.05\% |
|  | Corporates-Domestic | B | 56,724,875 | 0.51\% |
|  |  | CCC-C | 233,477,524 | 2.10\% |
|  |  | D | 57,469,344 | 0.52\% |
|  |  | Unkn Rtg (Triparty) | 372,429,683 | 3.35\% |
|  | Equity-Domestic | Equity | 2,489,786,907 | 22.42\% |
|  | MBS - Private (CMO) | AAA | 22,542,357 | 0.20\% |
|  |  | A | 410,198 | 0.00\% |
|  |  | BBB | 1,074,410 | 0.01\% |
|  |  | BB | 39,635,061 | 0.36\% |
|  |  | B | 298,292,811 | 2.69\% |
|  |  | CCC-C | 589,298,251 | 5.31\% |
|  |  | D | 20,008,561 | 0.18\% |
|  |  | Unkn Rtg (Triparty) | 26,584,210 | 0.24\% |
|  | Muni | Unkn Rtg (Triparty) | 16,615,720 | 0.15\% |
|  | Mutual Fund | AAA | 4,051,100,000 | 36.48\% |
|  |  | AA | 700,000 | 0.01\% |
|  |  | A | 25,000,000 | 0.23\% |
|  |  | Unkn Rtg (Triparty) | 124,125,000 | 1.12\% |
|  | Treasury | Treasury | 12,642 | 0.00\% |
|  | Dealer Total |  | 11,106,335,785 | 100.00\% |
| Citigroup | ABS | AAA | 67,988,535 | 0.62\% |
|  |  | AA | 6,579,076 | 0.06\% |
|  |  | A | 31,651,292 | 0.29\% |
|  |  | BBB | 234,953,572 | 2.14\% |
|  |  | BB | 76,715,305 | 0.70\% |
|  |  | B | 118,782,364 | 1.08\% |
|  |  | CCC-C | 89,431,528 | 0.81\% |
|  |  | D | Page 10 020,189,163 | 0.18\% |
|  |  | Unkn Rtg (Triparty) | 132,659,714 | 1.21\% |
|  | Agency Debt | Agency | 336,459,295 | 3.06\% |
|  | CDs-CP-BAs | A-1 | 471,895,659 | 4.29\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | B | 351,813,974 | 3.20\% |
|  |  | CCC-C | 261,076,087 | 2.38\% |
|  |  | D | 21,499,451 | 0.20\% |
|  |  | Unkn Rtg (Triparty) | 1,234,186,176 | 11.23\% |
|  | Convertible Bonds-Foreign | A | 54,915,723 | 0.50\% |
|  |  | BB | 3,565,812 | 0.03\% |
|  |  | B | 1,709,277 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 328,845,072 | 2.99\% |
|  | Corporates-Domestic | AAA | 2,579,723 | 0.02\% |
|  |  | AA | 24,858 | 0.00\% |
|  |  | A | 25,538,981 | 0.23\% |
|  |  | BBB | 76,160,352 | 0.69\% |
|  |  | BB | 18,797,403 | 0.17\% |
|  |  | CCC-C | 76,544,091 | 0.70\% |
|  |  | D | 13,264,258 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 318,707,777 | 2.90\% |
|  | Corporates-Foreign | A | 9,162,387 | 0.08\% |
|  |  | BBB | 1,192,854 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 102,073,954 | 0.93\% |
|  | Equity-Domestic | Equity | 1,909,005,413 | 17.37\% |
|  | Equity-Foreign | Equity | 347,982,557 | 3.17\% |
|  | MBS - Private (CMO) | AAA | 30,996,063 | 0.28\% |
|  |  | AA | 3,785,231 | 0.03\% |
|  |  | A | 8,366,124 | 0.08\% |
|  |  | BBB | 12,794,675 | 0.12\% |
|  |  | BB | 74,946,237 | 0.68\% |
|  |  | B | 188,509,763 | 1.71\% |
|  |  | CCC-C | 211,605,424 | 1.93\% |
|  |  | D | 13,724,943 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 32,342,008 | 0.29\% |
|  | Muni | AAA | 139,110,027 | 1.27\% |
|  |  | AA | 106,990,095 | 0.97\% |
|  |  | A | 132,818,705 | 1.21\% |
|  |  | BBB | 182,231,951 | 1.66\% |
|  |  | BB | 29,242,114 | 0.27\% |
|  |  | B | 30,137,367 | 0.27\% |
|  |  | CCC-C | 85,899,940 | 0.78\% |
|  |  | D | 14,393,135 | 0.13\% |
|  |  | Unkn Rtg (Triparty) | 211,669,816 | 1.93\% |
|  | Mutual Fund | AAA | 1,975,225,000 | 17.97\% |
|  |  | Unkn Rtg (Triparty) | 314,425,138 | 2.86\% |
|  | Dealer Total |  | 10,992,434,570 | 100.00\% |
| Merrill Lynch | ABS | AAA | 32,810,051 | 2.15\% |
|  |  | AA | 25,567,898 | 1.67\% |
|  |  | $\mathrm{A} \quad \mathrm{Pa}$ | of 190,072,932 | 2.62\% |
|  |  | BBB | 40,175,268 | 2.63\% |
|  |  | BB | 25,940,169 | 1.70\% |
|  |  | B | 7,167,632 | 0.47\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Domestic (con't) | AA | 1,367,887 | 0.09\% |
|  |  | A | 69,864,823 | 4.57\% |
|  |  | BBB | 35,598,624 | 2.33\% |
|  |  | BB | 28,174,918 | 1.84\% |
|  |  | B | 30,189,962 | 1.97\% |
|  |  | CCC-C | 1,219,625 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 195,237,724 | 12.77\% |
|  | Corporates-Foreign | AAA | 1,498,719 | 0.10\% |
|  |  | AA | 727,283 | 0.05\% |
|  |  | A | 7,756,219 | 0.51\% |
|  |  | BBB | 56,159,436 | 3.67\% |
|  |  | BB | 189,994,930 | 12.43\% |
|  |  | B | 8,601,604 | 0.56\% |
|  |  | CCC-C | 4,411,704 | 0.29\% |
|  |  | D | 586,365 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 61,961,564 | 4.05\% |
|  | Foreign Sovereigns-Domestic | AAA | 859,306 | 0.06\% |
|  |  | BBB | 552,578 | 0.04\% |
|  |  | BB | 261,221,871 | 17.08\% |
|  |  | B | 61,775,513 | 4.04\% |
|  |  | CCC-C | 545,471 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 2,989,441 | 0.20\% |
|  | Foreign Sovereigns-Foreign | BBB | 10,261,983 | 0.67\% |
|  |  | BB | 8,412,823 | 0.55\% |
|  |  | B | 7,433,392 | 0.49\% |
|  | MBS - Private (CMO) | AAA | 228,516,676 | 14.94\% |
|  |  | AA | 3,161,549 | 0.21\% |
|  |  | A | 209,639 | 0.01\% |
|  |  | BBB | 8,822,312 | 0.58\% |
|  |  | BB | 447,451 | 0.03\% |
|  |  | CCC-C | 523,526 | 0.03\% |
|  | Muni | B | 1,631,557 | 0.11\% |
|  | Supranational | AAA | 372,515 | 0.02\% |
|  | Dealer Total |  | 1,529,112,900 | 100.00\% |
| Mizuho | Convertible Bonds-Domestic | BBB | 4,493,250 | 3.04\% |
|  | Corporates-Domestic | AAA | 95,021,878 | 64.26\% |
|  |  | AA | 6,917,580 | 4.68\% |
|  |  | A | 20,329,072 | 13.75\% |
|  |  | BBB | 10,653,272 | 7.20\% |
|  | Supranational | AAA | 10,455,625 | 7.07\% |
|  | Dealer Total |  | 147,870,677 | 100.00\% |
| Morgan Stanley | ABS | AAA | 223,277,229 | 3.72\% |
|  |  | AA | 61,547,445 | 1.02\% |
|  |  | A | 3,978,466 | 0.07\% |
|  |  | BBB | 5,452,907 | 0.09\% |
|  |  | B | 2,873,360 | 0.05\% |
|  | Agency Debt | Agency | Page 168998938 | 0.15\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 25,640 | 0.00\% |
|  | Convertible Bonds-Domestic | AA | 72,319 | 0.00\% |
|  |  | A | 5,023,877 | 0.08\% |
|  |  | BBB | 3,197,427 | 0.05\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Convertible Bonds-Domestic (con't) | BB | 2,637,767 | 0.04\% |
|  |  | B | 669,709 | 0.01\% |
|  |  | CCC-C | 1,277,017 | 0.02\% |
|  |  | D | 2,999 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 2,859,987 | 0.05\% |
|  | Corporates-Domestic | AAA | 13,829,593 | 0.23\% |
|  |  | AA | 5,119,018 | 0.09\% |
|  |  | A | 9,621,444 | 0.16\% |
|  |  | BBB | 12,312,957 | 0.20\% |
|  |  | BB | 14,302,948 | 0.24\% |
|  |  | B | 10,284,051 | 0.17\% |
|  |  | CCC-C | 20,662,823 | 0.34\% |
|  |  | D | 22,697,505 | 0.38\% |
|  |  | Unkn Rtg (Triparty) | 23,377,264 | 0.39\% |
|  | Equity-Domestic | Equity | 117,659,408 | 1.96\% |
|  | MBS - Agency - CMO | Agency | 265,886 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 9,922,829 | 0.17\% |
|  |  | AA | 180,046 | 0.00\% |
|  |  | A | 283,205 | 0.00\% |
|  |  | BBB | 235,681 | 0.00\% |
|  |  | BB | 617,304 | 0.01\% |
|  |  | B | 142,365 | 0.00\% |
|  |  | CCC-C | 581,018 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 578,204 | 0.01\% |
|  | Muni | AAA | 1,062,851,829 | 17.69\% |
|  |  | AA | 648,358,069 | 10.79\% |
|  |  | A | 789,063,444 | 13.13\% |
|  |  | BBB | 461,844,702 | 7.69\% |
|  |  | BB | 966,331 | 0.02\% |
|  |  | B | 761,519 | 0.01\% |
|  |  | CCC-C | 80,163,353 | 1.33\% |
|  |  | D | 6,782 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 67,710,504 | 1.13\% |
|  | Mutual Fund | AAA | 647,675,000 | 10.78\% |
|  |  | Unkn Rtg (Triparty) | 23,925,000 | 0.40\% |
|  | Treasury | Treasury | 1,159,848 | 0.02\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,638,226,750 | 27.27\% |
|  | Dealer Total |  | 6,007,375,663 | 100.00\% |

## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Friday, February 13
William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 02/17/2009 10:38 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

## Highlights for Friday, February 13

- Total PDCF borrowing on Friday was $\$ 26.38$ billion, an increase of $\$ 0.26$ billion from the prior day.
- On Friday, Bank of America borrowed a combined $\$ 12.0$ billion through its US broker/dealer and its Merrill Lynch London broker/dealer. The $\$ 12.95$ billion of collateral provided consists primarily of mutual funds ( $31.9 \%$ ), equities ( $17.3 \%$ ), and convertible debt ( $13.1 \%$ ). Foreign denominated securities account for $2.6 \%$ of Bank of America's total collateral and are entirely provided through the Merrill Lynch London broker/dealer.
- Of the $\$ 30.0$ billion of total collateral provided by all participants, $46.1 \%$ are investment grade securities, $16.8 \%$ are non-investment grade securities, $15.6 \%$ are equities, $16.2 \%$ are securities with unknown ratings, and $5.4 \%$ are whole loans pledged through the Discount Window. Foreign denominated securities account for approximately $3.9 \%$ of the total collateral provided.

龱<br>PDCF Chatts and Tables - 20090213.doc<br>Regards,<br>Tony<br>Anthony Maglia<br>Markets Group<br>Federal Reserve Bank of New York<br>212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Friday, February 13, 2009

## Highlights

- Total PDCF borrowing on Friday was $\$ 26.38$ billion, an increase of $\$ 0.26$ billion from the prior day.
- On Friday, Bank of America borrowed a combined $\$ 12.0$ billion through its US broker/dealer and its Merrill Lynch London broker/dealer. The $\$ 12.95$ billion of collateral provided consists primarily of mutual funds ( $31.9 \%$ ), equities ( $17.3 \%$ ), and convertible debt ( $13.1 \%$ ). Foreign denominated securities account for $2.6 \%$ of Bank of America's total collateral and are entirely provided through the Merrill Lynch London broker/dealer.
- Of the $\$ 30.0$ billion of total collateral provided by all participants, $46.1 \%$ are investment grade securities, $16.8 \%$ are noninvestment grade securities, $15.6 \%$ are equities, $16.2 \%$ are securities with unknown ratings, and $5.4 \%$ are whole loans pledged through the Discount Window. Foreign denominated securities account for approximately $3.9 \%$ of the total collateral provided.


## $\underline{\text { Overnight Borrowings - in billions }}$

| Dealer | $\mathbf{0 2 / 1 3 / 2 0 0 9}$ | $\mathbf{0 2 / 1 2 / 2 0 0 9}$ | $\mathbf{0 2 / 1 1 / 2 0 0 9}$ | $\mathbf{0 2 / 1 0 / 2 0 0 9}$ | $\mathbf{0 2 / 0 9 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 10.60 | 10.30 | 9.80 | 9.70 | 9.00 |
| Citigroup | 10.20 | 10.20 | 10.70 | 9.20 | 10.70 |
| Merrill Lynch | 1.40 | 1.40 | 1.40 | 1.40 | 1.40 |
| Mizuho | 0.08 | 0.14 | 0.10 | 0.04 | 0.06 |
| Morgan Stanley | 4.10 | 4.08 | 4.12 | 4.12 | 4.10 |
| Total Borrowings | $\mathbf{2 6 . 3 8}$ | $\mathbf{2 6 . 1 2}$ | $\mathbf{2 6 . 1 2}$ | $\mathbf{2 4 . 4 6}$ | $\mathbf{2 5 . 2 6}$ |
|  |  |  |  |  |  |
| Total Collateral* | $\mathbf{3 0 . 0 0}$ | $\mathbf{2 9 . 7 8}$ | $\mathbf{2 9 . 7 9}$ | $\mathbf{2 8 . 0 1}$ | $\mathbf{2 8 . 8 5}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 3 . 7 2 \%}$ | $\mathbf{1 4 . 0 1 \%}$ | $\mathbf{1 4 . 0 5 \%}$ | $\mathbf{1 4 . 5 1 \%}$ | $\mathbf{1 4 . 2 1 \%}$ |

[^61]PDCF Borrowing Trend


## Composition of Collateral Pledged for February 13 Borrowings - in millions

[^62]| Rating ${ }^{1}$ | Bank of America | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treasury | - | 227.0 | - | - | - | 227.0 |
| Agency | 67.8 | 481.8 | - | - | 14.9 | 564.5 |
| AAA | 4,053.3 | 1,978.9 | 262.6 | 70.3 | 2,009.9 | 8,375.1 |
| AA | 144.7 | 78.5 | 30.6 | - | 685.5 | 939.3 |
| A | 396.5 | 346.2 | 117.3 | 5.3 | 800.4 | 1,665.7 |
| BBB | 416.5 | 567.1 | 136.6 | 9.6 | 492.3 | 1,622.2 |
| BB | 302.8 | 455.0 | 533.9 | - | 19.5 | 1,311.2 |
| B | 660.8 | 683.0 | 115.2 | - | 14.6 | 1,473.6 |
| CCC-C | 944.3 | 667.1 | 6.2 | - | 102.6 | 1,720.2 |
| D | 445.8 | 67.4 | 0.6 | - | 22.9 | 536.7 |
| A-1 | - | 402.0 | - | - | - | 402.0 |
| A-2 | - | 33.8 | - | - | - | 33.8 |
| A-3 | - | - | - | - | - | - |
| NP | - | - | - | - | - | - |
| Equity | 2,238.8 | 2,320.0 | - | - | 117.7 | 4,676.5 |
| Unkn Rtg (Triparty) | 1,755.4 | 2,662.1 | 325.2 | - | 110.2 | 4,852.9 |
| Unkn Rtg (non-Triparty) | - | - | - | - | 1,604.0 | 1,604.0 |
| Total Collateral | 11,426.6 | 10,970.1 | 1,528.1 | 85.2 | 5,994.6 | 30,004.7 |
| Total Borrowings | 10,600.0 | 10,200.0 | 1,400.0 | 79.7 | 4,102.9 | 26,382.5 |
| Collateral Cushion | 7.80\% | 7.55\% | 9.15\% | 6.95\% | 46.11\% | 13.73\% |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $227,012,909$ | $0.76 \%$ |
| Agency | $564,534,309$ | $1.88 \%$ |
| AAA | $8,375,095,180$ | $27.91 \%$ |
| AA | $939,324,255$ | $3.13 \%$ |
| A | $1,665,703,593$ | $5.55 \%$ |
| BBB | $1,622,155,412$ | $5.41 \%$ |
| BB | $1,311,180,286$ | $4.37 \%$ |
| B | $1,473,600,995$ | $4.91 \%$ |
| CCC-C | $536,185,662$ | $5.73 \%$ |
| D | $401,959,633$ | $1.79 \%$ |
| A-1 | $33,821,071$ | $1.34 \%$ |
| A-2 | $4,676,487,078$ | $15.59 \%$ |
| Equity | $4,852,916,524$ | $16.17 \%$ |
| Unkn Rtg (Triparty) | $1,604,026,750$ | $5.35 \%$ |
| Unkn Rtg (non-Triparty) | $30,004,685,273$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,574,326,887$ | $8.58 \%$ |
| Agency Debt | $564,378,158$ | $1.88 \%$ |
| CDs-CP-BAs | $435,806,314$ | $1.45 \%$ |
| CMBS | $14,036,205$ | $0.05 \%$ |
| Convertible Bonds-Domestic | $3,971,175,389$ | $13.24 \%$ |
| Convertible Bonds-Foreign | $387,220,119$ | $1.29 \%$ |
| Corporates-Domestic | $2,071,303,502$ | $6.90 \%$ |
| Corporates-Foreign | $411,118,197$ | $1.37 \%$ |
| Equity-Domestic | $4,336,953,612$ | $14.45 \%$ |
| Equity-Foreign | $339,533,466$ | $1.13 \%$ |
| Foreign Sovereigns-Domestic | $375,716,687$ | $1.25 \%$ |
| Foreign Sovereigns-Foreign | $25,789,082$ | $0.09 \%$ |
| MBS - Agency - CMO | 156,151 | $0.00 \%$ |
| MBS - Private (CMO) | $1,868,033,179$ | $6.23 \%$ |
| Muni | $3,935,967,879$ | $13.12 \%$ |
| Mutual Fund | $6,851,099,345$ | $22.83 \%$ |
| Supranational | $11,031,444$ | $0.04 \%$ |
| Treasury | $227,012,909$ | $0.76 \%$ |
| Whole Loans - DW | $1,604,026,750$ | $5.35 \%$ |
| Total | $30,004,685,273$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AAA | 36,880,716 | 0.32\% |
|  |  | AA | 89,088,424 | 0.78\% |
|  |  | A | 211,391,617 | 1.85\% |
|  |  | BBB | 233,943,641 | 2.05\% |
|  |  | BB | 100,501,379 | 0.88\% |
|  |  | B | 141,699,657 | 1.24\% |
|  |  | CCC-C | 206,077,656 | 1.80\% |
|  |  | D | 80,648,398 | 0.71\% |
|  |  | Unkn Rtg (Triparty) | 186,880,997 | 1.64\% |
|  | Agency Debt | Agency | 67,769,154 | 0.59\% |
|  | Convertible Bonds-Domestic | A | 160,133,061 | 1.40\% |
|  |  | BBB | 179,638,787 | 1.57\% |
|  |  | BB | 163,271,292 | 1.43\% |
|  |  | B | 180,543,226 | 1.58\% |
|  |  | CCC-C | 76,025,379 | 0.67\% |
|  |  | Unkn Rtg (Triparty) | 940,060,492 | 8.23\% |
|  | Corporates-Domestic | B | 56,767,813 | 0.50\% |
|  |  | CCC-C | 98,839,136 | 0.86\% |
|  |  | D | 357,649,293 | 3.13\% |
|  |  | Unkn Rtg (Triparty) | 465,445,186 | 4.07\% |
|  | Equity-Domestic | Equity | 2,238,814,324 | 19.59\% |
|  | MBS - Agency - CMO | Agency | 13,438 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 31,478,767 | 0.28\% |
|  |  | AA | 55,600,682 | 0.49\% |
|  |  | BBB | 2,876,898 | 0.03\% |
|  |  | BB | 38,985,735 | 0.34\% |
|  |  | B | 281,784,872 | 2.47\% |
|  |  | CCC-C | 563,318,991 | 4.93\% |
|  |  | D | 7,492,454 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 25,560,481 | 0.22\% |
|  | Muni | Unkn Rtg (Triparty) | 17,481,626 | 0.15\% |
|  | Mutual Fund | AAA | 3,984,925,000 | 34.87\% |
|  |  | A | 25,000,000 | 0.22\% |
|  |  | Unkn Rtg (Triparty) | 120,000,000 | 1.05\% |
|  | Treasury | Treasury | 12,648 | 0.00\% |
|  | Dealer Total |  | 11,426,601,220 | 100.00\% |
| Citigroup | ABS | AAA | 52,575,468 | 0.48\% |
|  |  | AA | 6,502,009 | 0.06\% |
|  |  | A | 43,090,889 | 0.39\% |
|  |  | BBB | 244,918,192 | 2.23\% |
|  |  | BB | 72,452,768 | 0.66\% |
|  |  | B | 108,792,114 | 0.99\% |
|  |  | CCC-C | Page 10 of $2,3884,858$ | 0.84\% |
|  |  | D | 8,739,729 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 121,838,957 | 1.11\% |
|  | Agency Debt | Agency | 481,826,473 | 4.39\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | BB | 253,477,185 | 2.31\% |
|  |  | B | 352,972,111 | 3.22\% |
|  |  | CCC-C | 272,462,580 | 2.48\% |
|  |  | D | 19,416,907 | 0.18\% |
|  |  | Unkn Rtg (Triparty) | 1,241,910,913 | 11.32\% |
|  | Convertible Bonds-Foreign | A | 54,446,028 | 0.50\% |
|  |  | BB | 3,556,119 | 0.03\% |
|  |  | B | 1,779,287 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 327,438,685 | 2.98\% |
|  | Corporates-Domestic | AAA | 7,408,755 | 0.07\% |
|  |  | A | 67,658,653 | 0.62\% |
|  |  | BBB | 77,464,245 | 0.71\% |
|  |  | BB | 22,055,581 | 0.20\% |
|  |  | CCC-C | 38,147,272 | 0.35\% |
|  |  | D | 11,129,282 | 0.10\% |
|  |  | Unkn Rtg (Triparty) | 296,877,910 | 2.71\% |
|  | Corporates-Foreign | BBB | 1,181,446 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 102,045,311 | 0.93\% |
|  | Equity-Domestic | Equity | 1,980,479,880 | 18.05\% |
|  | Equity-Foreign | Equity | 339,533,466 | 3.10\% |
|  | Foreign Sovereigns-Foreign | AAA | 32,184 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 52,077,302 | 0.47\% |
|  |  | AA | 7,171,315 | 0.07\% |
|  |  | A | 13,765,910 | 0.13\% |
|  |  | BBB | 30,635,410 | 0.28\% |
|  |  | BB | 75,013,675 | 0.68\% |
|  |  | B | 189,038,880 | 1.72\% |
|  |  | CCC-C | 182,291,926 | 1.66\% |
|  |  | D | 13,721,657 | 0.13\% |
|  |  | Unkn Rtg (Triparty) | 45,781,382 | 0.42\% |
|  | Muni | AAA | 129,041,788 | 1.18\% |
|  |  | AA | 64,869,361 | 0.59\% |
|  |  | A | 105,144,849 | 0.96\% |
|  |  | BBB | 160,782,585 | 1.47\% |
|  |  | BB | 28,453,338 | 0.26\% |
|  |  | B | 30,444,324 | 0.28\% |
|  |  | CCC-C | 81,813,430 | 0.75\% |
|  |  | D | 14,398,287 | 0.13\% |
|  |  | Unkn Rtg (Triparty) | 200,256,329 | 1.83\% |
|  | Mutual Fund | AAA | 1,737,650,000 | 15.84\% |
|  |  | Unkn Rtg (Triparty) | 311,924,345 | 2.84\% |
|  | Supranational | AAA | 163,197 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 14,083 | 0.00\% |
|  | Treasury | Treasury | 227,000,261 | 2.07\% |
|  | Dealer Total | Pag | 01f0,990,100,980 | 100.00\% |
| Merrill Lynch | ABS | AAA | 32,538,196 | 2.13\% |
|  |  | AA | 25,327,020 | 1.66\% |
|  |  | A | 39,725,512 | 2.60\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | ABS (con't) | Unkn Rtg (Triparty) | 65,361,413 | 4.28\% |
|  | Convertible Bonds-Domestic | Unkn Rtg (Triparty) | 2,540 | 0.00\% |
|  | Corporates-Domestic | AAA | 540,456 | 0.04\% |
|  |  | AA | 1,367,887 | 0.09\% |
|  |  | A | 69,706,807 | 4.56\% |
|  |  | BBB | 22,844,168 | 1.49\% |
|  |  | BB | 22,323,300 | 1.46\% |
|  |  | B | 29,657,007 | 1.94\% |
|  |  | CCC-C | 1,167,528 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 195,328,767 | 12.78\% |
|  | Corporates-Foreign | AAA | 1,486,703 | 0.10\% |
|  |  | AA | 724,686 | 0.05\% |
|  |  | A | 7,703,740 | 0.50\% |
|  |  | BBB | 55,535,795 | 3.63\% |
|  |  | BB | 167,312,449 | 10.95\% |
|  |  | B | 8,559,367 | 0.56\% |
|  |  | CCC-C | 4,491,583 | 0.29\% |
|  |  | D | 586,681 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 61,490,437 | 4.02\% |
|  | Foreign Sovereigns-Domestic | AAA | 859,328 | 0.06\% |
|  |  | BBB | 575,634 | 0.04\% |
|  |  | BB | 309,767,115 | 20.27\% |
|  |  | B | 60,995,020 | 3.99\% |
|  |  | CCC-C | 529,367 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 2,990,223 | 0.20\% |
|  | Foreign Sovereigns-Foreign | BBB | 10,063,231 | 0.66\% |
|  |  | BB | 8,325,411 | 0.54\% |
|  |  | B | 7,368,257 | 0.48\% |
|  | MBS - Private (CMO) | AAA | 226,800,611 | 14.84\% |
|  |  | AA | 3,139,839 | 0.21\% |
|  |  | A | 208,436 | 0.01\% |
|  |  | BBB | 8,762,208 | 0.57\% |
|  |  | BB | 443,269 | 0.03\% |
|  | Muni | B | 1,616,566 | 0.11\% |
|  | Supranational | AAA | 369,535 | 0.02\% |
|  | Dealer Total |  | 1,528,107,692 | 100.00\% |
| Mizuho | Convertible Bonds-Domestic | A | 1,086,300 | 1.27\% |
|  | Corporates-Domestic | AAA | 59,857,028 | 70.22\% |
|  |  | A | 4,205,018 | 4.93\% |
|  |  | BBB | 9,611,107 | 11.27\% |
|  | Supranational | AAA | 10,484,628 | 12.30\% |
|  | Dealer Total |  | 85,244,081 | 100.00\% |
| Morgan Stanley | ABS | AAA | 224,981,929 | 3.75\% |
|  |  | AA | 59,018,096 | 0.98\% |
|  |  | A | 6,437,017 | 0.11\% |
|  |  | BBB | 8,060,784 | 0.13\% |
|  |  | B | Page $163 \$ 57950$ | 0.05\% |
|  | Agency Debt | Agency | 14,782,531 | 0.25\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 25,610 | 0.00\% |
|  | Convertible Bonds-Domestic | AA | 72,920 | 0.00\% |
|  |  | A | 4,833,132 | 0.08\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Convertible Bonds-Domestic (con't) | BBB | 3,298,325 | 0.06\% |
|  |  | BB | 2,880,322 | 0.05\% |
|  |  | B | 700,482 | 0.01\% |
|  |  | CCC-C | 1,310,866 | 0.02\% |
|  |  | D | 3,575 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 2,839,814 | 0.05\% |
|  | Corporates-Domestic | AAA | 14,678,601 | 0.24\% |
|  |  | AA | 6,471,110 | 0.11\% |
|  |  | A | 21,472,958 | 0.36\% |
|  |  | BBB | 20,713,265 | 0.35\% |
|  |  | BB | 15,110,649 | 0.25\% |
|  |  | B | 10,142,579 | 0.17\% |
|  |  | CCC-C | 20,579,489 | 0.34\% |
|  |  | D | 22,888,561 | 0.38\% |
|  |  | Unkn Rtg (Triparty) | 23,194,093 | 0.39\% |
|  | Equity-Domestic | Equity | 117,659,408 | 1.96\% |
|  | MBS - Agency - CMO | Agency | 142,713 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 9,503,027 | 0.16\% |
|  |  | AA | 179,744 | 0.00\% |
|  |  | A | 283,453 | 0.00\% |
|  |  | BBB | 235,802 | 0.00\% |
|  |  | BB | 590,951 | 0.01\% |
|  |  | B | 143,535 | 0.00\% |
|  |  | CCC-C | 581,950 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 564,017 | 0.01\% |
|  | Muni | AAA | 1,113,086,963 | 18.57\% |
|  |  | AA | 619,791,161 | 10.34\% |
|  |  | A | 767,333,383 | 12.80\% |
|  |  | BBB | 460,012,420 | 7.67\% |
|  |  | BB | 962,265 | 0.02\% |
|  |  | B | 667,051 | 0.01\% |
|  |  | CCC-C | 80,163,650 | 1.34\% |
|  |  | D | 6,795 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 59,641,710 | 0.99\% |
|  | Mutual Fund | AAA | 647,675,000 | 10.80\% |
|  |  | Unkn Rtg (Triparty) | 23,925,000 | 0.40\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,604,026,750 | 26.76\% |
|  | Dealer Total |  | 5,994,631,301 | 100.00\% |

## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Tuesday, February 17
William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 02/18/2009 12:17 PM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Tuesday, February 17

- Total PDCF borrowing on Tuesday was $\$ 25.09$ billion, a decrease of $\$ 1.29$ billion from the prior day
- Bank of America remains the largest participant with combined borrowing of $\$ 11.4$ billion through its US broker/dealer and its Merrill Lynch London broker/dealer. Of the $\$ 12.31$ billion of collateral provided, $41.2 \%$ are investment grade securities, $22.1 \%$ are non-investment grade securities, $20.3 \%$ are equities, and $16.5 \%$ are securities with unknown ratings. Foreign denominated securities account for $2.8 \%$ of Bank of America's total collateral and are entirely provided through the Merrill Lynch London broker/dealer.
- The total PDCF collateral provided by all participants consists primarily of mutual funds ( $25.3 \%$ ), equities (17\%), and municipal debt (14.1\%). Approximately $4.1 \%$ of the total collateral is foreign denominated securities.


Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Tuesday, February 17, 2009

## Highlights

- Total PDCF borrowing on Tuesday was $\$ 25.09$ billion, a decrease of $\$ 1.29$ billion from the prior day.
- Bank of America remains the largest participant with combined borrowing of $\$ 11.4$ billion through its US broker/dealer and its Merrill Lynch London broker/dealer. Of the $\$ 12.31$ billion of collateral provided, $41.2 \%$ are investment grade securities, $22.1 \%$ are non-investment grade securities, $20.3 \%$ are equities, and $16.5 \%$ are securities with unknown ratings. Foreign denominated securities account for $2.8 \%$ of Bank of America's total collateral and are entirely provided through the Merrill Lynch London broker/dealer.
- The total PDCF collateral provided by all participants consists primarily of mutual funds ( $25.3 \%$ ), equities ( $17 \%$ ), and municipal debt (14.1\%). Approximately 4.1\% of the total collateral is foreign denominated securities.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 2 / 1 7 / 2 0 0 9}$ | $\mathbf{0 2 / 1 3 / 2 0 0 9}$ | $\mathbf{0 2 / 1 2 / 2 0 0 9}$ | $\mathbf{0 2 / 1 1 / 2 0 0 9}$ | $\mathbf{0 2 / 1 0 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 10.10 | 10.60 | 10.30 | 9.80 | 9.70 |
| Citigroup | 9.47 | 10.20 | 10.20 | 10.70 | 9.20 |
| Merrill Lynch | 1.30 | 1.40 | 1.40 | 1.40 | 1.40 |
| Mizuho | 0.06 | 0.08 | 0.14 | 0.10 | 0.04 |
| Morgan Stanley | 4.16 | 4.10 | 4.08 | 4.12 | 4.12 |
| Total Borrowings | $\mathbf{2 5 . 0 9}$ | $\mathbf{2 6 . 3 8}$ | $\mathbf{2 6 . 1 2}$ | $\mathbf{2 6 . 1 2}$ | $\mathbf{2 4 . 4 6}$ |
|  |  |  |  |  |  |
| Total Collateral |  | $\mathbf{2 8 . 6 2}$ | $\mathbf{3 0}$ | $\mathbf{2 9 . 7 8}$ | $\mathbf{2 9 . 7 9}$ |
|  |  |  |  |  | $\mathbf{2 8 . 0 1}$ |
| Collateral Cushion | $\mathbf{1 4 . 0 7 \%}$ | $\mathbf{1 3 . 7 2 \%}$ | $\mathbf{1 4 . 0 1 \%}$ | $\mathbf{1 4 . 0 5 \%}$ | $\mathbf{1 4 . 5 1 \%}$ |

[^63]PDCF Borrowing Trend


## Composition of Collateral Pledged for February 17 Borrowings - in millions

[^64]| Rating ${ }^{1}$ | Bank of America | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treasury | - | 92.1 | - | - | - | 92.1 |
| Agency | - | 369.1 | - | - | 15.7 | 384.8 |
| AAA | 4,071.5 | 2,186.3 | 142.5 | 51.9 | 2,013.3 | 8,465.4 |
| AA | 95.6 | 106.6 | 31.4 | 5.9 | 699.9 | 939.3 |
| A | 214.6 | 360.1 | 116.6 | 1.4 | 822.8 | 1,515.6 |
| BBB | 247.1 | 615.5 | 145.2 | 7.5 | 501.9 | 1,517.2 |
| BB | 180.5 | 419.1 | 542.6 | - | 25.1 | 1,167.4 |
| B | 488.8 | 586.4 | 107.3 | - | 14.7 | 1,197.2 |
| CCC-C | 937.0 | 491.2 | 6.0 | - | 103.0 | 1,537.1 |
| D | 455.2 | 63.0 | 0.6 | - | 23.2 | 542.0 |
| A-1 | - | - | - | - | - | - |
| A-2 | - | - | - | - | - | - |
| A-3 | - | 5.2 | - | - | - | 5.2 |
| NP | - | - | - | - | - | - |
| Equity | 2,499.0 | 2,235.7 | - | - | 117.6 | 4,852.4 |
| Unkn Rtg (Triparty) | 1,700.0 | 2,664.6 | 324.8 | - | 110.7 | 4,800.1 |
| Unkn Rtg (non-Triparty) | - | - | - | - | 1,604.0 | 1,604.0 |
| Total Collateral | 10,889.4 | 10,194.9 | 1,417.0 | 66.7 | 6,051.8 | 28,619.9 |
| Total Borrowings | 10,100.0 | 9,470.0 | 1,300.0 | 62.3 | 4,156.5 | 25,088.8 |
| Collateral Cushion | 7.82\% | 7.65\% | 9.00\% | 7.01\% | 45.60\% | 14.07\% |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $92,105,318$ | $0.32 \%$ |
| Agency | $384,756,997$ | $1.34 \%$ |
| AAA | $8,465,380,570$ | $29.58 \%$ |
| AA | $939,336,625$ | $3.28 \%$ |
| A | $1,515,619,933$ | $5.30 \%$ |
| BBB | $1,517,245,139$ | $5.30 \%$ |
| BB | $1,167,382,940$ | $4.08 \%$ |
| B | $1,197,183,078$ | $4.18 \%$ |
| CCC-C | $1,537,115,130$ | $5.37 \%$ |
| D | $541,984,511$ | $1.89 \%$ |
| A-3 | $5,243,581$ | $0.02 \%$ |
| Equity | $4,852,367,968$ | $16.95 \%$ |
| Unkn Rtg (Triparty) | $4,800,106,888$ | $16.77 \%$ |
| Unkn Rtg (non-Triparty) | $1,604,026,750$ | $5.60 \%$ |
| Total | $28,619,855,427$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,144,905,351$ | $7.49 \%$ |
| Agency Debt | $384,614,288$ | $1.34 \%$ |
| CDs-CP-BAs | $5,268,647$ | $0.02 \%$ |
| CMBS | $6,597,391$ | $0.02 \%$ |
| Convertible Bonds-Domestic | $3,664,871,252$ | $12.81 \%$ |
| Convertible Bonds-Foreign | $367,921,284$ | $1.29 \%$ |
| Corporates-Domestic | $2,021,592,636$ | $7.06 \%$ |
| Corporates-Foreign | $433,145,543$ | $1.51 \%$ |
| Equity-Domestic | $4,501,326,697$ | $15.73 \%$ |
| Equity-Foreign | $351,041,271$ | $1.23 \%$ |
| Foreign Sovereigns-Domestic | $362,522,735$ | $1.27 \%$ |
| Foreign Sovereigns-Foreign | $21,753,071$ | $0.08 \%$ |
| MBS - Agency - CMO | 142,710 | $0.00 \%$ |
| MBS - Private (CMO) | $1,374,792,576$ | $4.80 \%$ |
| Muni | $4,041,027,678$ | $14.12 \%$ |
| Mutual Fund | $7,231,190,377$ | $25.27 \%$ |
| Supranational | $11,009,853$ | $0.04 \%$ |
| Treasury | $92,105,318$ | $0.32 \%$ |
| Whole Loans - DW | $1,604,026,750$ | $5.60 \%$ |
| Total | $28,619,855,427$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AAA | 14,875,838 | 0.14\% |
|  |  | AA | 86,496,439 | 0.79\% |
|  |  | A | 36,600,942 | 0.34\% |
|  |  | BBB | 84,882,785 | 0.78\% |
|  |  | BB | 112,045,377 | 1.03\% |
|  |  | B | 147,955,010 | 1.36\% |
|  |  | CCC-C | 207,359,679 | 1.90\% |
|  |  | D | 81,122,467 | 0.74\% |
|  |  | Unkn Rtg (Triparty) | 144,048,360 | 1.32\% |
|  | Convertible Bonds-Domestic | A | 151,647,956 | 1.39\% |
|  |  | BBB | 161,666,885 | 1.48\% |
|  |  | CCC-C | 67,622,526 | 0.62\% |
|  |  | Unkn Rtg (Triparty) | 918,469,505 | 8.43\% |
|  | Corporates-Domestic | AAA | 270 | 0.00\% |
|  |  | BB | 35,025,578 | 0.32\% |
|  |  | B | 53,848,063 | 0.49\% |
|  |  | CCC-C | 101,300,169 | 0.93\% |
|  |  | D | 366,599,694 | 3.37\% |
|  |  | Unkn Rtg (Triparty) | 476,780,675 | 4.38\% |
|  | Equity-Domestic | Equity | 2,499,018,054 | 22.95\% |
|  | MBS - Private (CMO) | AAA | 31,593,526 | 0.29\% |
|  |  | AA | 9,112,027 | 0.08\% |
|  |  | A | 1,354,345 | 0.01\% |
|  |  | BBB | 571,782 | 0.01\% |
|  |  | BB | 33,460,204 | 0.31\% |
|  |  | B | 287,001,441 | 2.64\% |
|  |  | CCC-C | 560,731,387 | 5.15\% |
|  |  | D | 7,492,127 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 24,885,463 | 0.23\% |
|  | Muni | Unkn Rtg (Triparty) | 17,477,553 | 0.16\% |
|  | Mutual Fund | AAA | 4,025,000,000 | 36.96\% |
|  |  | A | 25,000,000 | 0.23\% |
|  |  | Unkn Rtg (Triparty) | 118,375,000 | 1.09\% |
|  | Treasury | Treasury | 12,637 | 0.00\% |
|  | Dealer Total |  | 10,889,433,762 | 100.00\% |
| Citigroup | ABS | AAA | 70,250,459 | 0.69\% |
|  |  | AA | 6,633,624 | 0.07\% |
|  |  | A | 46,790,153 | 0.46\% |
|  |  | BBB | 239,857,551 | 2.35\% |
|  |  | BB | 73,178,314 | 0.72\% |
|  |  | B | 91,307,152 | 0.90\% |
|  |  | CCC-C | 50,379,224 | 0.49\% |
|  |  | D | Page 10 0\%0,986,604 | 0.30\% |
|  |  | Unkn Rtg (Triparty) | 86,825,841 | 0.85\% |
|  | Agency Debt | Agency | 369,054,356 | 3.62\% |
|  | CDs-CP-BAs | A-3 | 5,243,581 | 0.05\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | B | 381,780,173 | 3.74\% |
|  |  | CCC-C | 284,552,624 | 2.79\% |
|  |  | D | 8,854,392 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 1,211,090,653 | 11.88\% |
|  | Convertible Bonds-Foreign | A | 53,707,201 | 0.53\% |
|  |  | BB | 3,588,050 | 0.04\% |
|  |  | B | 1,826,163 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 308,799,870 | 3.03\% |
|  | Corporates-Domestic | AAA | 2,255,176 | 0.02\% |
|  |  | AA | 24,960 | 0.00\% |
|  |  | A | 38,385,472 | 0.38\% |
|  |  | BBB | 77,799,724 | 0.76\% |
|  |  | BB | 4,853,091 | 0.05\% |
|  |  | B | 3,079,269 | 0.03\% |
|  |  | CCC-C | 6,599,987 | 0.06\% |
|  |  | D | 2,351,971 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 264,486,593 | 2.59\% |
|  | Corporates-Foreign | A | 8,676,020 | 0.09\% |
|  |  | BBB | 1,184,365 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 102,909,812 | 1.01\% |
|  | Equity-Domestic | Equity | 1,884,661,345 | 18.49\% |
|  | Equity-Foreign | Equity | 351,041,271 | 3.44\% |
|  | MBS - Private (CMO) | AAA | 5,192,292 | 0.05\% |
|  |  | AA | 6,330,103 | 0.06\% |
|  |  | A | 17,200,754 | 0.17\% |
|  |  | BBB | 21,388,519 | 0.21\% |
|  |  | BB | 55,976,622 | 0.55\% |
|  |  | B | 77,978,515 | 0.76\% |
|  |  | CCC-C | 69,967,172 | 0.69\% |
|  |  | D | 6,427,243 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 22,791,556 | 0.22\% |
|  | Muni | AAA | 130,734,852 | 1.28\% |
|  |  | AA | 93,577,379 | 0.92\% |
|  |  | A | 99,652,716 | 0.98\% |
|  |  | BBB | 160,778,873 | 1.58\% |
|  |  | BB | 26,417,095 | 0.26\% |
|  |  | B | 30,456,408 | 0.30\% |
|  |  | CCC-C | 79,676,025 | 0.78\% |
|  |  | D | 14,418,893 | 0.14\% |
|  |  | Unkn Rtg (Triparty) | 247,528,824 | 2.43\% |
|  | Mutual Fund | AAA | 1,977,725,000 | 19.40\% |
|  |  | Unkn Rtg (Triparty) | 413,515,377 | 4.06\% |
|  | Supranational | AAA | 161,344 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 11,043 | 0.00\% |
|  | Treasury | Treasury Page | 13 of 192,092,681 | 0.90\% |
|  | Dealer Total |  | 10,194,941,857 | 100.00\% |
| Merrill Lynch | ABS | AAA | 30,204,637 | 2.13\% |
|  |  | AA | 25,404,254 | 1.79\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | ABS (con't) | B | 6,994,958 | 0.49\% |
|  |  | Unkn Rtg (Triparty) | 65,489,581 | 4.62\% |
|  | Convertible Bonds-Domestic | Unkn Rtg (Triparty) | 2,540 | 0.00\% |
|  | Corporates-Domestic | AA | 1,944,579 | 0.14\% |
|  |  | A | 68,910,651 | 4.86\% |
|  |  | BBB | 36,083,494 | 2.55\% |
|  |  | BB | 27,392,373 | 1.93\% |
|  |  | B | 25,252,576 | 1.78\% |
|  |  | CCC-C | 1,124,139 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 195,738,485 | 13.81\% |
|  | Corporates-Foreign | AAA | 1,491,720 | 0.11\% |
|  |  | AA | 885,750 | 0.06\% |
|  |  | A | 7,662,978 | 0.54\% |
|  |  | BBB | 55,672,627 | 3.93\% |
|  |  | BB | 185,607,442 | 13.10\% |
|  |  | B | 4,086,054 | 0.29\% |
|  |  | CCC-C | 3,771,469 | 0.27\% |
|  |  | D | 597,774 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 60,599,534 | 4.28\% |
|  | Foreign Sovereigns-Domestic | AAA | 859,417 | 0.06\% |
|  |  | BBB | 553,367 | 0.04\% |
|  |  | BB | 295,260,408 | 20.84\% |
|  |  | B | 62,319,160 | 4.40\% |
|  |  | CCC-C | 537,031 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 2,993,352 | 0.21\% |
|  | Foreign Sovereigns-Foreign | BBB | 6,206,033 | 0.44\% |
|  |  | BB | 8,161,572 | 0.58\% |
|  |  | B | 7,385,466 | 0.52\% |
|  | MBS - Private (CMO) | AAA | 109,530,944 | 7.73\% |
|  |  | AA | 3,137,774 | 0.22\% |
|  |  | A | 200,036 | 0.01\% |
|  |  | BBB | 8,608,678 | 0.61\% |
|  |  | BB | 444,754 | 0.03\% |
|  |  | CCC-C | 521,209 | 0.04\% |
|  | Muni | B | 1,244,311 | 0.09\% |
|  | Supranational | AAA | 371,127 | 0.03\% |
|  | Dealer Total |  | 1,417,000,593 | 100.00\% |
| Mizuho | Corporates-Domestic | AAA | 41,415,670 | 62.10\% |
|  |  | AA | 5,902,775 | 8.85\% |
|  |  | A | 1,402,758 | 2.10\% |
|  |  | BBB | 7,503,261 | 11.25\% |
|  | Supranational | AAA | 10,466,340 | 15.69\% |
|  | Dealer Total |  | 66,690,804 | 100.00\% |
| Morgan Stanley | ABS | AAA | 224,999,508 | 3.72\% |
|  |  | AA | 59,018,596 | 0.98\% |
|  |  | A | 6,442,014 | 0.11\% |
|  |  | BBB | Page 16 896p992 | 0.13\% |
|  |  | B | 2,957,850 | 0.05\% |
|  | Agency Debt | Agency | 15,559,932 | 0.26\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 25,067 | 0.00\% |
|  | Convertible Bonds-Domestic | AA | 72,911 | 0.00\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Convertible Bonds-Domestic (con't) | A | 3,369,105 | 0.06\% |
|  |  | BBB | 2,951,821 | 0.05\% |
|  |  | BB | 2,621,963 | 0.04\% |
|  |  | B | 665,855 | 0.01\% |
|  |  | CCC-C | 1,315,500 | 0.02\% |
|  |  | D | 3,535 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 2,833,169 | 0.05\% |
|  | Corporates-Domestic | AAA | 15,344,857 | 0.25\% |
|  |  | AA | 8,133,485 | 0.13\% |
|  |  | A | 30,278,327 | 0.50\% |
|  |  | BBB | 24,049,502 | 0.40\% |
|  |  | BB | 20,885,018 | 0.35\% |
|  |  | B | 10,239,788 | 0.17\% |
|  |  | CCC-C | 20,915,250 | 0.35\% |
|  |  | D | 23,143,160 | 0.38\% |
|  |  | Unkn Rtg (Triparty) | 22,541,798 | 0.37\% |
|  | Equity-Domestic | Equity | 117,647,299 | 1.94\% |
|  | MBS - Agency - CMO | Agency | 142,710 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 10,320,973 | 0.17\% |
|  |  | AA | 179,258 | 0.00\% |
|  |  | A | 280,404 | 0.00\% |
|  |  | BBB | 233,717 | 0.00\% |
|  |  | BB | 601,663 | 0.01\% |
|  |  | B | 139,470 | 0.00\% |
|  |  | CCC-C | 578,213 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 560,404 | 0.01\% |
|  | Muni | AAA | 1,114,936,620 | 18.42\% |
|  |  | AA | 632,480,933 | 10.45\% |
|  |  | A | 782,474,797 | 12.93\% |
|  |  | BBB | 466,583,662 | 7.71\% |
|  |  | BB | 948,717 | 0.02\% |
|  |  | B | 665,398 | 0.01\% |
|  |  | CCC-C | 80,163,526 | 1.32\% |
|  |  | D | 6,651 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 60,804,445 | 1.00\% |
|  | Mutual Fund | AAA | 647,650,000 | 10.70\% |
|  |  | Unkn Rtg (Triparty) | 23,925,000 | 0.40\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,604,026,750 | 26.51\% |
|  | Dealer Total |  | 6,051,788,411 | 100.00\% |

## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF collateral report for Wednesday , February 18 

William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Wednesday, February 18

- Total PDCF borrowing on Wednesday was $\$ 25.27$ billion, an increase of $\$ 0.18$ billion from the prior day.
- Bank of America remains the largest participant with combined borrowing of $\$ 11.0$ billion through its US broker/dealer and its Merrill Lynch London broker/dealer. Bank of America has provided a total of $\$ 11.88$ billion of collateral which consists primarily of mutual funds (35\%), equities ( $21 \%$ ), and corporate debt ( $14.3 \%$ ). Foreign denominated securities account for $2.9 \%$ of Bank of America's total collateral and are entirely provided through the Merrill Lynch London broker/dealer.
- The proportion of foreign denominated collateral has remained stable over the last two weeks and is currently $4.08 \%$ of the total collateral pledged by all participants. Citigroup has $\$ 0.84$ billion of foreign denominated collateral while Bank of America (through Merrill Lynch) has $\$ 0.34$ billion of foreign denominated collateral. Morgan Stanley has not provided foreign denominated collateral since February 2nd and Goldman Sachs has not borrowed through the program since November 26, 2008.

PDCF Chatts and Tables - 20090218.doc
Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Wednesday, February 18, 2009

## Highlights

- Total PDCF borrowing on Wednesday was $\$ 25.27$ billion, an increase of $\$ 0.18$ billion from the prior day.
- Bank of America remains the largest participant with combined borrowing of $\$ 11.0$ billion through its US broker/dealer and its Merrill Lynch London broker/dealer. Bank of America has provided a total of $\$ 11.88$ billion of collateral which consists primarily of mutual funds (35\%), equities ( $21 \%$ ), and corporate debt ( $14.3 \%$ ). Foreign denominated securities account for $2.9 \%$ of Bank of America's total collateral and are entirely provided through the Merrill Lynch London broker/dealer.
- The proportion of foreign denominated collateral has remained stable over the last two weeks and is currently $4.08 \%$ of the total collateral pledged by all participants. Citigroup has $\$ 0.84$ billion of foreign denominated collateral while Bank of America (through Merrill Lynch) has $\$ 0.34$ billion of foreign denominated collateral. Morgan Stanley has not provided foreign denominated collateral since February $2^{\text {nd }}$ and Goldman Sachs has not borrowed through the program since November 26, 2008.

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 2 / 1 8 / 2 0 0 9}$ | $\mathbf{0 2 / 1 7 / 2 0 0 9}$ | $\mathbf{0 2 / 1 3 / 2 0 0 9}$ | $\mathbf{0 2 / 1 2 / 2 0 0 9}$ | $\mathbf{0 2 / 1 1 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 9.70 | 10.10 | 10.60 | 10.30 | 9.80 |
| Citigroup | 10.00 | 9.47 | 10.20 | 10.20 | 10.70 |
| Merrill Lynch | 1.30 | 1.30 | 1.40 | 1.40 | 1.40 |
| Mizuho | 0.08 | 0.06 | 0.08 | 0.14 | 0.10 |
| Morgan Stanley | 4.19 | 4.16 | 4.10 | 4.08 | 4.12 |
| Total Borrowings | $\mathbf{2 5 . 2 7}$ | $\mathbf{2 5 . 0 9}$ | $\mathbf{2 6 . 3 8}$ | $\mathbf{2 6 . 1 2}$ | $\mathbf{2 6 . 1 2}$ |
|  |  |  |  |  |  |
| Total Collateral |  | $\mathbf{2 8 . 8 3}$ | $\mathbf{2 8 . 6 2}$ | $\mathbf{3 0}$ | $\mathbf{2 9 . 7 8}$ |
|  |  |  |  |  | $\mathbf{2 9 . 7 9}$ |
| Collateral Cushion | $\mathbf{1 4 . 0 9 \%}$ | $\mathbf{1 4 . 0 7 \%}$ | $\mathbf{1 3 . 7 2 \%}$ | $\mathbf{1 4 . 0 1 \%}$ | $\mathbf{1 4 . 0 5 \%}$ |

[^65]PDCF Borrowing Trend


## Composition of Collateral Pledged for February 18 Borrowings - in millions

[^66]| Rating ${ }^{1}$ | Bank of America | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treasury | - | 107.6 | - | - | 1.1 | 108.7 |
| Agency | - | 439.4 | - | - | 16.8 | 456.2 |
| AAA | 4,061.6 | 2,209.6 | 230.4 | 59.5 | 2,025.3 | 8,586.4 |
| AA | 111.0 | 146.6 | 29.6 | 6.4 | 712.9 | 1,006.6 |
| A | 48.8 | 368.0 | 116.5 | 2.3 | 846.4 | 1,382.1 |
| BBB | 81.5 | 598.4 | 144.1 | 12.4 | 471.6 | 1,308.1 |
| BB | 158.6 | 479.5 | 460.9 | - | 23.5 | 1,122.4 |
| B | 462.9 | 616.4 | 108.8 | - | 14.1 | 1,202.1 |
| CCC-C | 933.0 | 680.3 | 5.8 | - | 103.0 | 1,722.2 |
| D | 452.5 | 86.2 | 0.6 | - | 22.8 | 562.1 |
| A-1 | - | - | - | - | - | - |
| A-2 | - | - | - | - | - | - |
| A-3 | - | - | - | - | - | - |
| NP | - | - | - | - | - | - |
| Equity | 2,499.0 | 2,155.8 | - | - | 117.8 | 4,772.6 |
| Unkn Rtg (Triparty) | 1,648.8 | 2,889.1 | 323.3 | - | 131.4 | 4,992.6 |
| Unkn Rtg (non-Triparty) | - | - | - | - | 1,604.0 | 1,604.0 |
| Total Collateral | 10,457.8 | 10,776.9 | 1,420.0 | 80.7 | 6,090.6 | 28,826.1 |
| Total Borrowings | 9,700.0 | 10,000.0 | 1,300.0 | 75.4 | 4,192.9 | 25,268.3 |
| Collateral Cushion | 7.81\% | 7.77\% | 9.23\% | 7.03\% | 45.26\% | 14.08\% |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $108,666,883$ | $0.38 \%$ |
| Agency | $456,216,053$ | $1.58 \%$ |
| AAA | $8,586,438,873$ | $29.79 \%$ |
| AA | $1,006,588,533$ | $3.49 \%$ |
| A | $1,382,050,705$ | $4.79 \%$ |
| BBB | $1,308,066,372$ | $4.54 \%$ |
| BB | $1,122,409,271$ | $3.89 \%$ |
| B | $1,722,147,646$ | $4.17 \%$ |
| CCC-C | $562,050,642$ | $5.97 \%$ |
| D | $4,772,610,505$ | $1.95 \%$ |
| Equity | $4,992,598,094$ | $17.56 \%$ |
| Unkn Rtg (Triparty) | $1,604,026,750$ | $5.56 \%$ |
| Unkn Rtg (non-Triparty) | $28,826,064,604$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,251,306,864$ | $7.81 \%$ |
| Agency Debt | $456,073,243$ | $1.58 \%$ |
| CDs-CP-BAs | 25,561 | $0.00 \%$ |
| CMBS | $22,512,708$ | $0.08 \%$ |
| Convertible Bonds-Domestic | $3,085,879,061$ | $10.71 \%$ |
| Convertible Bonds-Foreign | $358,566,775$ | $1.24 \%$ |
| Corporates-Domestic | $2,062,971,189$ | $7.16 \%$ |
| Corporates-Foreign | $419,200,421$ | $1.45 \%$ |
| Equity-Domestic | $4,394,811,385$ | $15.25 \%$ |
| Equity-Foreign | $377,799,121$ | $1.31 \%$ |
| Foreign Sovereigns-Domestic | $279,084,912$ | $0.97 \%$ |
| Foreign Sovereigns-Foreign | $21,248,396$ | $0.07 \%$ |
| MBS - Agency - CMO | 142,810 | $0.00 \%$ |
| MBS - Private (CMO) | $1,699,545,033$ | $5.90 \%$ |
| Muni | $4,389,799,390$ | $15.23 \%$ |
| Mutual Fund | $7,283,375,920$ | $25.27 \%$ |
| Supranational | $11,028,185$ | $0.04 \%$ |
| Treasury | $108,666,883$ | $0.38 \%$ |
| Whole Loans - DW | $28,804,026,750$ | $5.56 \%$ |
| Total |  |  |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AAA | 15,029,438 | 0.14\% |
|  |  | AA | 84,698,617 | 0.81\% |
|  |  | A | 21,243,518 | 0.20\% |
|  |  | BBB | 81,046,786 | 0.77\% |
|  |  | BB | 100,682,963 | 0.96\% |
|  |  | B | 140,927,617 | 1.35\% |
|  |  | CCC-C | 207,288,078 | 1.98\% |
|  |  | D | 81,451,586 | 0.78\% |
|  |  | Unkn Rtg (Triparty) | 140,405,531 | 1.34\% |
|  | Convertible Bonds-Domestic | CCC-C | 65,514,649 | 0.63\% |
|  |  | Unkn Rtg (Triparty) | 882,361,509 | 8.44\% |
|  | Corporates-Domestic | BB | 35,479,724 | 0.34\% |
|  |  | B | 53,891,000 | 0.52\% |
|  |  | CCC-C | 101,773,108 | 0.97\% |
|  |  | D | 363,532,207 | 3.48\% |
|  |  | Unkn Rtg (Triparty) | 461,061,466 | 4.41\% |
|  | Equity-Domestic | Equity | 2,499,041,745 | 23.90\% |
|  | MBS - Private (CMO) | AAA | 31,604,399 | 0.30\% |
|  |  | AA | 8,935,961 | 0.09\% |
|  |  | BBB | 287,532 | 0.00\% |
|  |  | BB | 22,295,155 | 0.21\% |
|  |  | B | 268,123,744 | 2.56\% |
|  |  | CCC-C | 558,465,234 | 5.34\% |
|  |  | D | 7,493,815 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 23,612,510 | 0.23\% |
|  | Muni | AAA | 7,048,424 | 0.07\% |
|  |  | AA | 17,395,701 | 0.17\% |
|  |  | A | 2,602,619 | 0.02\% |
|  |  | BBB | 170,028 | 0.00\% |
|  |  | BB | 100,000 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 21,343,996 | 0.20\% |
|  | Mutual Fund | AAA | 4,007,925,000 | 38.32\% |
|  |  | A | 25,000,000 | 0.24\% |
|  |  | Unkn Rtg (Triparty) | 120,000,000 | 1.15\% |
|  | Treasury | Treasury | 12,653 | 0.00\% |
|  | Dealer Total |  | 10,457,846,309 | 100.00\% |
| Citigroup | ABS | AAA | 70,183,651 | 0.65\% |
|  |  | AA | 6,634,616 | 0.06\% |
|  |  | A | 44,249,436 | 0.41\% |
|  |  | BBB | 216,775,212 | 2.01\% |
|  |  | BB | 94,368,402 | 0.88\% |
|  |  | B | 129,142,906 | 1.20\% |
|  |  | CCC-C | Page 10 P08,849,782 | 1.01\% |
|  |  | D | 36,695,512 | 0.34\% |
|  |  | Unkn Rtg (Triparty) | 141,678,914 | 1.31\% |
|  | Agency Debt | Agency | 439,391,340 | 4.08\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | B | 251,519,288 | 2.33\% |
|  |  | CCC-C | 277,213,174 | 2.57\% |
|  |  | D | 22,731,899 | 0.21\% |
|  |  | Unkn Rtg (Triparty) | 1,089,970,635 | 10.11\% |
|  | Convertible Bonds-Foreign | A | 53,058,757 | 0.49\% |
|  |  | BB | 3,692,177 | 0.03\% |
|  |  | B | 1,824,695 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 299,991,146 | 2.78\% |
|  | Corporates-Domestic | AAA | 2,255,176 | 0.02\% |
|  |  | AA | 24,864 | 0.00\% |
|  |  | A | 35,826,681 | 0.33\% |
|  |  | BBB | 77,573,095 | 0.72\% |
|  |  | BB | 27,924,929 | 0.26\% |
|  |  | B | 3,087,070 | 0.03\% |
|  |  | CCC-C | 21,736,430 | 0.20\% |
|  |  | D | 1,792,884 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 264,933,363 | 2.46\% |
|  | Corporates-Foreign | A | 8,526,281 | 0.08\% |
|  |  | BBB | 1,163,999 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 89,068,037 | 0.83\% |
|  | Equity-Domestic | Equity | 1,777,998,433 | 16.50\% |
|  | Equity-Foreign | Equity | 377,799,121 | 3.51\% |
|  | MBS - Private (CMO) | AAA | 7,142,546 | 0.07\% |
|  |  | AA | 3,641,042 | 0.03\% |
|  |  | A | 22,300,488 | 0.21\% |
|  |  | BBB | 16,875,529 | 0.16\% |
|  |  | BB | 61,911,781 | 0.57\% |
|  |  | B | 200,327,705 | 1.86\% |
|  |  | CCC-C | 192,824,319 | 1.79\% |
|  |  | D | 10,572,253 | 0.10\% |
|  |  | Unkn Rtg (Triparty) | 38,783,627 | 0.36\% |
|  | Muni | AAA | 149,657,247 | 1.39\% |
|  |  | AA | 136,304,685 | 1.26\% |
|  |  | A | 113,881,540 | 1.06\% |
|  |  | BBB | 160,812,781 | 1.49\% |
|  |  | BB | 26,424,351 | 0.25\% |
|  |  | B | 30,462,337 | 0.28\% |
|  |  | CCC-C | 79,698,340 | 0.74\% |
|  |  | D | 14,424,045 | 0.13\% |
|  |  | Unkn Rtg (Triparty) | 463,559,919 | 4.30\% |
|  | Mutual Fund | AAA | 1,980,225,000 | 18.37\% |
|  |  | Unkn Rtg (Triparty) | 478,600,920 | 4.44\% |
|  | Supranational | AAA | 163,785 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 11,106 | 0.00\% |
|  | Treasury | Treasury Page | 13 of 1197,550,798 | 1.00\% |
|  | Dealer Total |  | 10,776,918,341 | 100.00\% |
| Merrill Lynch | ABS | AAA | 29,483,550 | 2.08\% |
|  |  | AA | 24,971,003 | 1.76\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | ABS (con't) | B | 6,876,327 | 0.48\% |
|  |  | Unkn Rtg (Triparty) | 64,795,209 | 4.56\% |
|  | Convertible Bonds-Domestic | Unkn Rtg (Triparty) | 470,677 | 0.03\% |
|  | Corporates-Domestic | AA | 741,879 | 0.05\% |
|  |  | A | 69,451,733 | 4.89\% |
|  |  | BBB | 36,306,392 | 2.56\% |
|  |  | BB | 26,980,391 | 1.90\% |
|  |  | B | 27,573,598 | 1.94\% |
|  |  | CCC-C | 1,127,042 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 195,155,825 | 13.74\% |
|  | Corporates-Foreign | AAA | 1,471,721 | 0.10\% |
|  |  | AA | 798,549 | 0.06\% |
|  |  | A | 7,584,956 | 0.53\% |
|  |  | BBB | 54,693,488 | 3.85\% |
|  |  | BB | 187,753,297 | 13.22\% |
|  |  | B | 4,016,505 | 0.28\% |
|  |  | CCC-C | 3,606,268 | 0.25\% |
|  |  | D | 584,170 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 59,933,150 | 4.22\% |
|  | Foreign Sovereigns-Domestic | AAA | 859,439 | 0.06\% |
|  |  | BBB | 552,962 | 0.04\% |
|  |  | BB | 212,358,563 | 14.95\% |
|  |  | B | 61,782,079 | 4.35\% |
|  |  | CCC-C | 537,734 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 2,994,134 | 0.21\% |
|  | Foreign Sovereigns-Foreign | BBB | 5,976,278 | 0.42\% |
|  |  | BB | 8,008,310 | 0.56\% |
|  |  | B | 7,263,808 | 0.51\% |
|  | MBS - Private (CMO) | AAA | 198,271,809 | 13.96\% |
|  |  | AA | 3,131,867 | 0.22\% |
|  |  | A | 200,477 | 0.01\% |
|  |  | BBB | 9,060,083 | 0.64\% |
|  |  | BB | 437,202 | 0.03\% |
|  |  | CCC-C | 522,039 | 0.04\% |
|  | Muni | B | 1,260,401 | 0.09\% |
|  | Supranational | AAA | 361,052 | 0.03\% |
|  | Dealer Total |  | 1,420,006,591 | 100.00\% |
| Mizuho | Corporates-Domestic | AAA | 49,000,778 | 60.73\% |
|  |  | AA | 6,415,288 | 7.95\% |
|  |  | A | 2,347,736 | 2.91\% |
|  |  | BBB | 12,427,340 | 15.40\% |
|  | Supranational | AAA | 10,492,243 | 13.00\% |
|  | Dealer Total |  | 80,683,386 | 100.00\% |
| Morgan Stanley | ABS | AAA | 225,352,935 | 3.70\% |
|  |  | AA | 58,994,156 | 0.97\% |
|  |  | A | 6,443,264 | 0.11\% |
|  |  | BBB | Page $168 \$ 279880$ | 0.13\% |
|  |  | B | 2,957,850 | 0.05\% |
|  | Agency Debt | Agency | 16,681,904 | 0.27\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 25,561 | 0.00\% |
|  | Convertible Bonds-Domestic | AA | 72,984 | 0.00\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Convertible Bonds-Domestic (con't) | A | 4,323,161 | 0.07\% |
|  |  | BBB | 3,589,833 | 0.06\% |
|  |  | BB | 2,696,482 | 0.04\% |
|  |  | B | 686,424 | 0.01\% |
|  |  | CCC-C | 1,396,488 | 0.02\% |
|  |  | D | 6,174 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 2,758,099 | 0.05\% |
|  | Corporates-Domestic | AAA | 16,513,452 | 0.27\% |
|  |  | AA | 9,300,144 | 0.15\% |
|  |  | A | 32,521,851 | 0.53\% |
|  |  | BBB | 30,043,079 | 0.49\% |
|  |  | BB | 19,244,569 | 0.32\% |
|  |  | B | 9,615,338 | 0.16\% |
|  |  | CCC-C | 20,881,866 | 0.34\% |
|  |  | D | 22,759,222 | 0.37\% |
|  |  | Unkn Rtg (Triparty) | 23,671,670 | 0.39\% |
|  | Equity-Domestic | Equity | 117,771,207 | 1.93\% |
|  | MBS - Agency - CMO | Agency | 142,810 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 10,171,319 | 0.17\% |
|  |  | AA | 179,100 | 0.00\% |
|  |  | A | 290,300 | 0.00\% |
|  |  | BBB | 236,671 | 0.00\% |
|  |  | BB | 636,904 | 0.01\% |
|  |  | B | 143,471 | 0.00\% |
|  |  | CCC-C | 584,850 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 481,304 | 0.01\% |
|  | Muni | AAA | 1,125,525,909 | 18.48\% |
|  |  | AA | 644,346,301 | 10.58\% |
|  |  | A | 802,827,348 | 13.18\% |
|  |  | BBB | 429,731,007 | 7.06\% |
|  |  | BB | 883,094 | 0.01\% |
|  |  | B | 665,484 | 0.01\% |
|  |  | CCC-C | 80,175,241 | 1.32\% |
|  |  | D | 6,513 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 80,492,081 | 1.32\% |
|  | Mutual Fund | AAA | 647,700,000 | 10.63\% |
|  |  | Unkn Rtg (Triparty) | 23,925,000 | 0.39\% |
|  | Treasury | Treasury | 1,103,432 | 0.02\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,604,026,750 | 26.34\% |
|  | Dealer Total |  | 6,090,609,977 | 100.00\% |

## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF collateral report for Thursday, February 19 

William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

## Highlights for Thursday, February 19

- Total PDCF borrowing on Thursday was $\$ 23.34$ billion, a decrease of $\$ 1.93$ billion from the prior day. This is the lowest level of borrowing since September 12, 2008.
- Bank of America remains the largest participant with combined borrowing of $\$ 9.9$ billion through its US broker/dealer and its Merrill Lynch London broker/dealer. Bank of America has provided a total of $\$ 10.68$ billion of collateral, which provides a $7.87 \%$ cushion over the loan amount. Since the start of the year, this collateral cushion has remained consistently between $7.85 \%$ and $8.17 \%$.
- As compared to one week ago, borrowing declined $\$ 2.78$ billion across all participants and the corresponding collateral declined $\$ 3.04$ billion. The decline in collateral was most notable in investment grade securities and equities with declines of $\$ 1.28$ billion and $\$ 1.02$ billion, respectively. Currently, of the $\$ 26.74$ billion of total collateral, $45.4 \%$ are investment grade securities, $16.3 \%$ are non-investment grade securities, $14.4 \%$ are equities, $17.9 \%$ are securities with unknown ratings, and $6 \%$ are securities with unknown ratings.


PDCF Charts and Tables - 20090219.doc
Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Thursday, February 19, 2009

## Highlights

- Total PDCF borrowing on Thursday was $\$ 23.34$ billion, a decrease of $\$ 1.93$ billion from the prior day. This is the lowest level of borrowing since September 12, 2008.
- Bank of America remains the largest participant with combined borrowing of $\$ 9.9$ billion through its US broker/dealer and its Merrill Lynch London broker/dealer. Bank of America has provided a total of $\$ 10.68$ billion of collateral, which provides a $7.87 \%$ cushion over the loan amount. Since the start of the year, this collateral cushion has remained consistently between $7.85 \%$ and $8.17 \%$.
- As compared to one week ago, borrowing declined $\$ 2.78$ billion across all participants and the corresponding collateral declined $\$ 3.04$ billion. The decline in collateral was most notable in investment grade securities and equities with declines of $\$ 1.28$ billion and $\$ 1.02$ billion, respectively. Currently, of the $\$ 26.74$ billion of total collateral, $45.4 \%$ are investment grade securities, $16.3 \%$ are non-investment grade securities, $14.4 \%$ are equities, $17.9 \%$ are securities with unknown ratings, and $6 \%$ are securities with unknown ratings.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 2 / 1 9 / 2 0 0 9}$ | $\mathbf{0 2 / 1 8 / 2 0 0 9}$ | $\mathbf{0 2 / 1 7 / 2 0 0 9}$ | $\mathbf{0 2 / 1 3 / 2 0 0 9}$ | $\mathbf{0 2 / 1 2 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 8.60 | 9.70 | 10.10 | 10.60 | 10.30 |
| Citigroup | 9.71 | 10.00 | 9.47 | 10.20 | 10.20 |
| Merrill Lynch | 1.30 | 1.30 | 1.30 | 1.40 | 1.40 |
| Mizuho | 0.01 | 0.08 | 0.06 | 0.08 | 0.14 |
| Morgan Stanley | 3.72 | 4.19 | 4.16 | 4.10 | 4.08 |
| Total Borrowings | $\mathbf{2 3 . 3 4}$ | $\mathbf{2 5 . 2 7}$ | $\mathbf{2 5 . 0 9}$ | $\mathbf{2 6 . 3 8}$ | $\mathbf{2 6 . 1 2}$ |
|  |  |  |  |  |  |
| Total Collateral |  | $\mathbf{2 6 . 7 4}$ | $\mathbf{2 8 . 8 3}$ | $\mathbf{2 8 . 6 2}$ | $\mathbf{3 0}$ |
|  | $\mathbf{2 9 . 7 8}$ |  |  |  |  |
| Collateral Cushion | $\mathbf{1 4 . 5 7 \%}$ | $\mathbf{1 4 . 0 9 \%}$ | $\mathbf{1 4 . 0 7 \%}$ | $\mathbf{1 3 . 7 2 \%}$ | $\mathbf{1 4 . 0 1 \%}$ |

## RESTRICTED-FR

* Includes additional commercial loans in a Borrower-In-Custody arrangement.


## PDCF Borrowing Trend



Composition of Collateral Pledged for February 19 Borrowings - in millions

[^67]| Rating ${ }^{1}$ | Bank of America | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treasury | - | 93.2 | - | - | 1.1 | 94.3 |
| Agency | - | 449.8 | - | - | 17.4 | 467.2 |
| AAA | 3,782.3 | 2,209.2 | 229.6 | 10.5 | 1,658.9 | 7,890.5 |
| AA | 63.0 | 161.1 | 27.3 | - | 588.5 | 839.9 |
| A | 178.7 | 371.8 | 116.4 | - | 840.0 | 1,507.0 |
| BBB | 155.9 | 558.7 | 144.1 | 5.1 | 474.7 | 1,338.5 |
| BB | 179.2 | 471.3 | 466.2 | - | 23.5 | 1,140.2 |
| B | 400.7 | 581.2 | 107.3 | - | 14.6 | 1,103.7 |
| CCC-C | 794.5 | 677.1 | 5.8 | - | 103.0 | 1,580.5 |
| D | 438.2 | 82.8 | 0.6 | - | 21.1 | 542.7 |
| A-1 | - | - | - | - | - | - |
| A-2 | - | - | - | - | - | - |
| A-3 | - | - | - | - | - | - |
| NP | - | - | - | - | - | - |
| Equity | 1,712.8 | 2,018.6 | - | - | 117.6 | 3,849.0 |
| Unkn Rtg (Triparty) | 1,553.9 | 2,784.5 | 322.7 | - | 121.8 | 4,782.9 |
| Unkn Rtg (non-Triparty) | - | - | - | - | 1,604.0 | 1,604.0 |
| Total Collateral | 9,259.1 | 10,459.3 | 1,419.9 | 15.5 | 5,586.4 | 26,740.3 |
| Total Borrowings | 8,600.0 | 9,705.0 | 1,300.0 | 14.5 | 3,721.7 | 23,341.2 |
| Collateral Cushion | 7.66\% | 7.77\% | 9.22\% | 6.82\% | 50.10\% | 14.56\% |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Page 5 of 19

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $94,279,266$ | $0.35 \%$ |
| Agency | $467,151,530$ | $1.75 \%$ |
| AAA | $7,890,462,213$ | $29.51 \%$ |
| AA | $839,949,635$ | $3.14 \%$ |
| A | $1,507,000,579$ | $5.64 \%$ |
| BBB | $1,338,491,935$ | $5.01 \%$ |
| BB | $1,140,210,377$ | $4.26 \%$ |
| B | $1,103,714,634$ | $4.13 \%$ |
| CCC-C | $1,580,481,884$ | $5.91 \%$ |
| D | $542,712,951$ | $2.03 \%$ |
| Equity | $3,848,981,075$ | $14.39 \%$ |
| Unkn Rtg (Triparty) | $4,782,884,528$ | $17.89 \%$ |
| Unkn Rtg (non-Triparty) | $1,604,026,750$ | $6.00 \%$ |
| Total | $26,740,347,356$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $1,948,923,093$ | $7.29 \%$ |
| Agency Debt | $465,654,806$ | $1.74 \%$ |
| CDs-CP-BAs | 895,172 | $0.00 \%$ |
| CMBS | $43,340,860$ | $0.16 \%$ |
| Convertible Bonds-Domestic | $3,308,717,608$ | $12.37 \%$ |
| Convertible Bonds-Foreign | $336,898,087$ | $1.26 \%$ |
| Corporates-Domestic | $1,984,387,291$ | $7.42 \%$ |
| Corporates-Foreign | $418,972,849$ | $1.57 \%$ |
| Equity-Domestic | $3,477,759,829$ | $13.01 \%$ |
| Equity-Foreign | $371,221,246$ | $1.39 \%$ |
| Foreign Sovereigns-Domestic | $285,260,626$ | $1.07 \%$ |
| Foreign Sovereigns-Foreign | $21,162,617$ | $0.08 \%$ |
| MBS - Agency - CMO | $1,496,724$ | $0.01 \%$ |
| MBS - Private (CMO) | $1,504,975,210$ | $5.63 \%$ |
| Muni | $3,828,505,978$ | $14.32 \%$ |
| Mutual Fund | $7,032,865,206$ | $26.30 \%$ |
| Supranational | $11,004,140$ | $0.04 \%$ |
| Treasury | $94,279,266$ | $0.35 \%$ |
| Whole Loans - DW | $1,604,026,750$ | $6.00 \%$ |
| Total | $26,740,347,356$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 63,019,574 | 0.68\% |
|  |  | A | 6,531,709 | 0.07\% |
|  |  | BBB | 2,193,040 | 0.02\% |
|  |  | BB | 71,783,660 | 0.78\% |
|  |  | B | 137,571,340 | 1.49\% |
|  |  | CCC-C | 166,755,051 | 1.80\% |
|  |  | D | 80,504,708 | 0.87\% |
|  |  | Unkn Rtg (Triparty) | 75,883,401 | 0.82\% |
|  | Convertible Bonds-Domestic | A | 147,192,695 | 1.59\% |
|  |  | BBB | 153,428,592 | 1.66\% |
|  |  | BB | 84,830,816 | 0.92\% |
|  |  | B | 11,839,198 | 0.13\% |
|  |  | CCC-C | 64,854,710 | 0.70\% |
|  |  | Unkn Rtg (Triparty) | 859,202,932 | 9.28\% |
|  | Corporates-Domestic | B | 53,933,938 | 0.58\% |
|  |  | CCC-C | 106,377,192 | 1.15\% |
|  |  | D | 350,202,838 | 3.78\% |
|  |  | Unkn Rtg (Triparty) | 458,089,168 | 4.95\% |
|  | Equity-Domestic | Equity | 1,712,761,508 | 18.50\% |
|  | MBS - Private (CMO) | AAA | 22,179,986 | 0.24\% |
|  |  | BBB | 289,158 | 0.00\% |
|  |  | BB | 22,596,027 | 0.24\% |
|  |  | B | 197,312,463 | 2.13\% |
|  |  | CCC-C | 456,490,779 | 4.93\% |
|  |  | D | 7,519,755 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 23,550,010 | 0.25\% |
|  | Muni | Unkn Rtg (Triparty) | 17,478,683 | 0.19\% |
|  | Mutual Fund | AAA | 3,760,100,000 | 40.61\% |
|  |  | A | 25,000,000 | 0.27\% |
|  |  | Unkn Rtg (Triparty) | 119,650,000 | 1.29\% |
|  | Treasury | Treasury | 12,648 | 0.00\% |
|  | Dealer Total |  | 9,259,135,577 | 100.00\% |
| Citigroup | ABS | AAA | 70,173,471 | 0.67\% |
|  |  | AA | 6,635,608 | 0.06\% |
|  |  | A | 44,208,415 | 0.42\% |
|  |  | BBB | 203,954,598 | 1.95\% |
|  |  | BB | 84,917,601 | 0.81\% |
|  |  | B | 119,778,581 | 1.15\% |
|  |  | CCC-C | 107,076,641 | 1.02\% |
|  |  | D | 36,906,168 | 0.35\% |
|  |  | Unkn Rtg (Triparty) | 141,669,193 | 1.35\% |
|  | Agency Debt | Agency | 448,421,174 | 4.29\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | Page 10 of 8889,630 | 0.01\% |
|  | CMBS | Unkn Rtg (Triparty) | 43,340,860 | 0.41\% |
|  | Convertible Bonds-Domestic | AA | 1,778 | 0.00\% |
|  |  | A | 65,992,763 | 0.63\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | Unkn Rtg (Triparty) | 1,064,923,704 | 10.18\% |
|  | Convertible Bonds-Foreign | A | 53,533,536 | 0.51\% |
|  |  | BB | 3,645,238 | 0.03\% |
|  |  | B | 1,848,494 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 277,870,819 | 2.66\% |
|  | Corporates-Domestic | AAA | 2,255,176 | 0.02\% |
|  |  | AA | 24,941 | 0.00\% |
|  |  | A | 35,824,253 | 0.34\% |
|  |  | BBB | 77,610,570 | 0.74\% |
|  |  | BB | 51,525,905 | 0.49\% |
|  |  | B | 2,999,091 | 0.03\% |
|  |  | CCC-C | 20,006,008 | 0.19\% |
|  |  | D | 1,705,574 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 272,848,025 | 2.61\% |
|  | Corporates-Foreign | A | 8,497,609 | 0.08\% |
|  |  | BBB | 1,160,159 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 89,259,804 | 0.85\% |
|  | Equity-Domestic | Equity | 1,647,349,929 | 15.75\% |
|  | Equity-Foreign | Equity | 371,221,246 | 3.55\% |
|  | MBS - Agency - CMO | Agency | 1,353,915 | 0.01\% |
|  | MBS - Private (CMO) | AAA | 7,159,755 | 0.07\% |
|  |  | AA | 3,604,705 | 0.03\% |
|  |  | A | 22,233,956 | 0.21\% |
|  |  | BBB | 16,537,279 | 0.16\% |
|  |  | BB | 61,879,479 | 0.59\% |
|  |  | B | 199,881,817 | 1.91\% |
|  |  | CCC-C | 192,168,421 | 1.84\% |
|  |  | D | 10,524,384 | 0.10\% |
|  |  | Unkn Rtg (Triparty) | 38,767,631 | 0.37\% |
|  | Muni | AAA | 149,265,509 | 1.43\% |
|  |  | AA | 150,812,930 | 1.44\% |
|  |  | A | 141,527,832 | 1.35\% |
|  |  | BBB | 186,056,130 | 1.78\% |
|  |  | BB | 26,463,605 | 0.25\% |
|  |  | B | 30,347,108 | 0.29\% |
|  |  | CCC-C | 79,728,482 | 0.76\% |
|  |  | D | 13,948,337 | 0.13\% |
|  |  | Unkn Rtg (Triparty) | 378,777,910 | 3.62\% |
|  | Mutual Fund | AAA | 1,980,225,000 | 18.93\% |
|  |  | Unkn Rtg (Triparty) | 476,190,206 | 4.55\% |
|  | Supranational | AAA | 163,202 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 11,070 | 0.00\% |
|  | Treasury | Treasury | 93,164,253 | 0.89\% |
|  | Dealer Total |  | 10,459,316,252 | 100.00\% |
| Merrill Lynch | ABS | AAA Pag | of 199,396,448 | 2.07\% |
|  |  | AA | 24,892,217 | 1.75\% |
|  |  | A | 39,109,945 | 2.75\% |
|  |  | BBB | 37,235,104 | 2.62\% |
|  |  | RR | 25266334 | 178\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Convertible Bonds-Domestic | Unkn Rtg (Triparty) | 470,677 | 0.03\% |
|  | Corporates-Domestic | AA | 741,879 | 0.05\% |
|  |  | A | 69,078,966 | 4.86\% |
|  |  | BBB | 36,279,591 | 2.56\% |
|  |  | BB | 26,566,195 | 1.87\% |
|  |  | B | 24,282,555 | 1.71\% |
|  |  | CCC-C | 1,129,945 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 194,875,951 | 13.72\% |
|  | Corporates-Foreign | AAA | 1,465,491 | 0.10\% |
|  |  | AA | 301,644 | 0.02\% |
|  |  | A | 6,878,080 | 0.48\% |
|  |  | BBB | 54,583,841 | 3.84\% |
|  |  | BB | 188,930,562 | 13.31\% |
|  |  | B | 4,003,780 | 0.28\% |
|  |  | CCC-C | 3,664,748 | 0.26\% |
|  |  | D | 565,759 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 59,661,370 | 4.20\% |
|  | Foreign Sovereigns-Domestic | AAA | 859,461 | 0.06\% |
|  |  | BBB | 552,741 | 0.04\% |
|  |  | BB | 216,976,102 | 15.28\% |
|  |  | B | 63,346,399 | 4.46\% |
|  |  | CCC-C | 531,008 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 2,994,916 | 0.21\% |
|  | Foreign Sovereigns-Foreign | BBB | 5,959,633 | 0.42\% |
|  |  | BB | 7,981,989 | 0.56\% |
|  |  | B | 7,220,994 | 0.51\% |
|  | MBS - Private (CMO) | AAA | 197,488,315 | 13.91\% |
|  |  | AA | 1,380,585 | 0.10\% |
|  |  | A | 1,363,420 | 0.10\% |
|  |  | BBB | 9,496,385 | 0.67\% |
|  |  | BB | 435,855 | 0.03\% |
|  |  | CCC-C | 520,029 | 0.04\% |
|  | Muni | B | 1,566,217 | 0.11\% |
|  | Supranational | AAA | 355,423 | 0.03\% |
|  | Dealer Total |  | 1,419,937,239 | 100.00\% |
| Mizuho | Corporates-Domestic | BBB | 5,051,467 | 32.54\% |
|  | Supranational | AAA | 10,474,446 | 67.46\% |
|  | Dealer Total |  | 15,525,913 | 100.00\% |
| Morgan Stanley | ABS | AAA | 225,384,009 | 4.03\% |
|  |  | AA | 59,018,846 | 1.06\% |
|  |  | A | 6,444,513 | 0.12\% |
|  |  | BBB | 8,128,381 | 0.15\% |
|  |  | B | 2,957,850 | 0.05\% |
|  | Agency Debt | Agency | 17,233,632 | 0.31\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 25,542 | 0.00\% |
|  | Convertible Bonds-Domestic | AA | 72,997 | 0.00\% |
|  |  | A | Page 16 ff8pgoo | 0.07\% |
|  |  | BBB | 3,787,015 | 0.07\% |
|  |  | BB | 2,588,238 | 0.05\% |
|  |  | B | 718,111 | 0.01\% |
|  |  | CCC-C | ,393,579 | 0.02\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Convertible Bonds-Domestic (con't) | D | 6,187 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 2,757,139 | 0.05\% |
|  | Corporates-Domestic | AAA | 16,299,044 | 0.29\% |
|  |  | AA | 10,864,236 | 0.19\% |
|  |  | A | 38,155,886 | 0.68\% |
|  |  | BBB | 32,054,085 | 0.57\% |
|  |  | BB | 19,458,075 | 0.35\% |
|  |  | B | 10,133,775 | 0.18\% |
|  |  | CCC-C | 20,879,742 | 0.37\% |
|  |  | D | 21,096,048 | 0.38\% |
|  |  | Unkn Rtg (Triparty) | 24,037,173 | 0.43\% |
|  | Equity-Domestic | Equity | 117,648,392 | 2.11\% |
|  | MBS - Agency - CMO | Agency | 142,809 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 9,034,411 | 0.16\% |
|  |  | AA | 178,999 | 0.00\% |
|  |  | A | 289,426 | 0.01\% |
|  |  | BBB | 236,159 | 0.00\% |
|  |  | BB | 622,320 | 0.01\% |
|  |  | B | 142,616 | 0.00\% |
|  |  | CCC-C | 573,161 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 517,926 | 0.01\% |
|  | Muni | AAA | 760,408,067 | 13.61\% |
|  |  | AA | 518,398,696 | 9.28\% |
|  |  | A | 790,947,875 | 14.16\% |
|  |  | BBB | 430,506,371 | 7.71\% |
|  |  | BB | 854,710 | 0.02\% |
|  |  | B | 671,534 | 0.01\% |
|  |  | CCC-C | 80,175,319 | 1.44\% |
|  |  | D | 6,270 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 70,564,395 | 1.26\% |
|  | Mutual Fund | AAA | 647,775,000 | 11.60\% |
|  |  | Unkn Rtg (Triparty) | 23,925,000 | 0.43\% |
|  | Treasury | Treasury | 1,102,365 | 0.02\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,604,026,750 | 28.71\% |
|  | Dealer Total |  | 5,586,432,374 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Friday, February 20
William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 02/23/2009 11:51 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for

- Total PDCF borrowing on Friday was $\$ 26.33$ billion, an increase of $\$ 2.99$ billion from the prior day. Citigroup accounted for $\$ 2.79$ billion of this increase.
- Citigroup is borrowing $\$ 12.50$ billion against $\$ 13.52$ billion of collateral, for a cushion of $8.20 \%$. Of Citigroup's collateral, $30.9 \%$ are investment grade, $26.1 \%$ are non-investment grade, $18 \%$ are equities, and $24.9 \%$ are securities with unknown ratings. As compared to Thursday, this represents a modest shift towards non-investment grade securities.
- The total PDCF collateral consists primarily of mutual funds (23.4\%), equities (14.1\%), and municipal debt ( $12.5 \%$ ). Approximately $5.5 \%$ of the collateral provided is foreign denominated securities.
PDCF Charts and Tables $\cdot 20090220$.doc
Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
$212-720-6112$ 212-720-6112


## Primary Dealer Credit Facility Collateral Report

For Friday, February 20, 2009

## Highlights

- Total PDCF borrowing on Friday was $\$ 26.33$ billion, an increase of $\$ 2.99$ billion from the prior day. Citigroup accounted for $\$ 2.79$ billion of this increase.
- Citigroup is borrowing $\$ 12.50$ billion against $\$ 13.52$ billion of collateral, for a cushion of $8.20 \%$. Of Citigroup's collateral, $30.9 \%$ are investment grade, $26.1 \%$ are non-investment grade, $18 \%$ are equities, and $24.9 \%$ are securities with unknown ratings. As compared to Thursday, this represents a modest shift towards non-investment grade securities.
- The total PDCF collateral consists primarily of mutual funds (23.4\%), equities (14.1\%), and municipal debt ( $12.5 \%$ ). Approximately $5.5 \%$ of the collateral provided is foreign denominated securities.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 2 / 2 0 / 2 0 0 9}$ | $\mathbf{0 2 / 1 9 / 2 0 0 9}$ | $\mathbf{0 2 / 1 8 / 2 0 0 9}$ | $\mathbf{0 2 / 1 7 / 2 0 0 9}$ | $\mathbf{0 2 / 1 3 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 8.75 | 8.60 | 9.70 | 10.10 | 10.60 |
| Citigroup | 12.50 | 9.71 | 10.00 | 9.47 | 10.20 |
| Merrill Lynch | 1.30 | 1.30 | 1.30 | 1.30 | 1.40 |
| Mizuho | 0.01 | 0.01 | 0.08 | 0.06 | 0.08 |
| Morgan Stanley | 3.77 | 3.72 | 4.19 | 4.16 | 4.10 |
| Total Borrowings | $\mathbf{2 6 . 3 3}$ | $\mathbf{2 3 . 3 4}$ | $\mathbf{2 5 . 2 7}$ | $\mathbf{2 5 . 0 9}$ | $\mathbf{2 6 . 3 8}$ |
|  |  |  |  |  |  |
| Total Collateral |  |  |  |  |  |
|  | $\mathbf{3 0 . 0 5}$ | $\mathbf{2 6 . 7 4}$ | $\mathbf{2 8 . 8 3}$ | $\mathbf{2 8 . 6 2}$ | $\mathbf{3 0}$ |
| Collateral Cushion | $\mathbf{1 4 . 1 3 \%}$ | $\mathbf{1 4 . 5 7 \%}$ | $\mathbf{1 4 . 0 9 \%}$ | $\mathbf{1 4 . 0 7 \%}$ | $\mathbf{1 3 . 7 2 \%}$ |

Includes additional commercial loans in a Borrower-In-Custody arrangement.

PDCF Borrowing Trend


## Composition of Collateral Pledged for February 20 Borrowings - in millions

[^68]| Rating ${ }^{1}$ | Bank of America | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treasury | - | 157.4 | - | - | 1.9 | 159.3 |
| Agency | 56.0 | 450.3 | - | - | 19.6 | 525.8 |
| AAA | 3,779.3 | 2,254.1 | 230.1 | 10.5 | 1,615.9 | 7,890.0 |
| AA | 63.0 | 121.0 | 26.9 | - | 611.7 | 822.6 |
| A | 177.5 | 315.4 | 41.3 | - | 853.2 | 1,387.5 |
| BBB | 184.4 | 518.9 | 106.8 | 5.1 | 497.2 | 1,312.3 |
| BB | 187.8 | 1,115.4 | 559.4 | - | 43.4 | 1,905.9 |
| B | 482.9 | 989.2 | 119.9 | - | 14.8 | 1,606.7 |
| CCC-C | 955.6 | 1,319.8 | 5.8 | - | 109.3 | 2,390.5 |
| D | 438.1 | 110.5 | - | - | 22.0 | 570.5 |
| A-1 | - | 320.8 | - | - | - | 320.8 |
| A-2 | - | 43.0 | - | - | - | 43.0 |
| A-3 | - | - | - | - | - | - |
| NP | - | - | - | - | - | - |
| Equity | 1,690.4 | 2,435.8 | - | - | 117.7 | 4,243.9 |
| Unkn Rtg (Triparty) | 1,433.8 | 3,371.1 | 329.4 | - | 128.1 | 5,262.4 |
| Unkn Rtg (non-Triparty) | - | - | - | - | 1,604.0 | 1,604.0 |
| Total Collateral | 9,448.9 | 13,522.6 | 1,419.6 | 15.5 | 5,638.7 | 30,045.3 |
| Total Borrowings | 8,750.0 | 12,498.0 | 1,300.0 | 14.5 | 3,770.0 | 26,332.5 |
| Collateral Cushion | 7.99\% | 8.20\% | 9.20\% | 6.82\% | 49.57\% | 14.10\% |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Page 5 of 19

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $159,288,280$ | $0.53 \%$ |
| Agency | $525,823,048$ | $1.75 \%$ |
| AAA | $7,889,971,361$ | $26.26 \%$ |
| AA | $822,584,849$ | $2.74 \%$ |
| A | $1,387,505,379$ | $4.62 \%$ |
| BBB | $1,312,304,704$ | $4.37 \%$ |
| BB | $1,905,949,114$ | $6.34 \%$ |
| B | $1,606,716,705$ | $5.35 \%$ |
| CCC-C | $2,390,505,313$ | $7.96 \%$ |
| D | $570,537,143$ | $1.90 \%$ |
| A-1 | $320,776,502$ | $1.07 \%$ |
| A-2 | $43,014,264$ | $0.14 \%$ |
| Equity | $5,243,865,330$ | $14.12 \%$ |
| Unkn Rtg (Triparty) | $1,604,026,047$ | $17.51 \%$ |
| Unkn Rtg (non-Triparty) | $30,045,294,790$ | $5.34 \%$ |
| Total | $100.00 \%$ |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,727,375,470$ | $9.08 \%$ |
| Agency Debt | $522,821,303$ | $1.74 \%$ |
| CDs-CP-BAs | $372,286,176$ | $1.24 \%$ |
| CMBS | $81,967,144$ | $0.27 \%$ |
| Convertible Bonds-Domestic | $2,997,654,835$ | $9.98 \%$ |
| Convertible Bonds-Foreign | $566,646,047$ | $1.89 \%$ |
| Corporates-Domestic | $2,586,863,612$ | $8.61 \%$ |
| Corporates-Foreign | $405,782,403$ | $1.35 \%$ |
| Equity-Domestic | $3,588,974,458$ | $11.95 \%$ |
| Equity-Foreign | $654,890,871$ | $2.18 \%$ |
| Foreign Sovereigns-Domestic | $396,200,713$ | $1.32 \%$ |
| Foreign Sovereigns-Foreign | $23,253,357$ | $0.08 \%$ |
| MBS - Agency - CMO | $3,001,745$ | $0.01 \%$ |
| MBS - Private (CMO) | $2,547,929,761$ | $8.48 \%$ |
| Muni | $3,761,734,808$ | $12.52 \%$ |
| Mutual Fund | $7,033,443,214$ | $23.41 \%$ |
| Supranational | $11,153,843$ | $0.04 \%$ |
| Treasury | $159,288,280$ | $0.53 \%$ |
| Whole Loans - DW | $30,045,026,750$ | $5.34 \%$ |
| Total |  |  |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 63,029,833 | 0.67\% |
|  |  | A | 6,543,372 | 0.07\% |
|  |  | BBB | 43,542,743 | 0.46\% |
|  |  | BB | 72,575,839 | 0.77\% |
|  |  | B | 137,639,307 | 1.46\% |
|  |  | CCC-C | 224,388,066 | 2.37\% |
|  |  | D | 80,233,665 | 0.85\% |
|  |  | Unkn Rtg (Triparty) | 185,526,993 | 1.96\% |
|  | Agency Debt | Agency | 55,954,001 | 0.59\% |
|  | Convertible Bonds-Domestic | A | 145,973,133 | 1.54\% |
|  |  | BBB | 140,603,451 | 1.49\% |
|  |  | BB | 77,006,956 | 0.81\% |
|  |  | B | 10,436,091 | 0.11\% |
|  |  | CCC-C | 34,627,585 | 0.37\% |
|  |  | Unkn Rtg (Triparty) | 633,347,308 | 6.70\% |
|  | Corporates-Domestic | B | 53,976,875 | 0.57\% |
|  |  | CCC-C | 100,115,089 | 1.06\% |
|  |  | D | 346,790,505 | 3.67\% |
|  |  | Unkn Rtg (Triparty) | 445,369,791 | 4.71\% |
|  | Equity-Domestic | Equity | 1,690,410,402 | 17.89\% |
|  | MBS - Private (CMO) | AAA | 22,043,928 | 0.23\% |
|  |  | BBB | 289,842 | 0.00\% |
|  |  | BB | 38,238,349 | 0.40\% |
|  |  | B | 280,850,068 | 2.97\% |
|  |  | CCC-C | 596,490,413 | 6.31\% |
|  |  | D | 11,027,760 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 23,315,749 | 0.25\% |
|  | Muni | Unkn Rtg (Triparty) | 25,002,652 | 0.26\% |
|  | Mutual Fund | AAA | 3,757,275,000 | 39.76\% |
|  |  | A | 25,000,000 | 0.26\% |
|  |  | Unkn Rtg (Triparty) | 121,275,000 | 1.28\% |
|  | Treasury | Treasury | 14,636 | 0.00\% |
|  | Dealer Total |  | 9,448,914,398 | 100.00\% |
| Citigroup | ABS | AAA | 47,457,175 | 0.35\% |
|  |  | AA | 6,636,600 | 0.05\% |
|  |  | A | 44,424,884 | 0.33\% |
|  |  | BBB | 204,165,190 | 1.51\% |
|  |  | BB | 212,994,233 | 1.58\% |
|  |  | B | 294,060,821 | 2.17\% |
|  |  | CCC-C | 164,618,639 | 1.22\% |
|  |  | D | 53,325,874 | 0.39\% |
|  |  | Unkn Rtg (Triparty) | 351,645,741 | 2.60\% |
|  | Agency Debt | Agency | Page 10 4 4 47,425,101 | 3.31\% |
|  | CDs-CP-BAs | A-1 | 320,776,502 | 2.37\% |
|  |  | A-2 | 43,014,264 | 0.32\% |
|  |  | Unkn Rtg (Triparty) | 8,495,410 | 0.06\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | B | 260,922,294 | 1.93\% |
|  |  | CCC-C | 261,577,101 | 1.93\% |
|  |  | D | 20,733,452 | 0.15\% |
|  |  | Unkn Rtg (Triparty) | 1,028,974,199 | 7.61\% |
|  | Convertible Bonds-Foreign | A | 52,916,730 | 0.39\% |
|  |  | BBB | 145,203 | 0.00\% |
|  |  | BB | 3,572,833 | 0.03\% |
|  |  | B | 40,087,339 | 0.30\% |
|  |  | Unkn Rtg (Triparty) | 469,923,942 | 3.48\% |
|  | Corporates-Domestic | AAA | 1,120,869 | 0.01\% |
|  |  | AA | 24,909 | 0.00\% |
|  |  | A | 35,826,564 | 0.26\% |
|  |  | BBB | 77,649,263 | 0.57\% |
|  |  | BB | 365,339,156 | 2.70\% |
|  |  | B | 27,529,033 | 0.20\% |
|  |  | CCC-C | 297,548,348 | 2.20\% |
|  |  | D | 2,212,418 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 370,033,638 | 2.74\% |
|  | Corporates-Foreign | A | 8,607,247 | 0.06\% |
|  |  | BBB | 1,175,203 | 0.01\% |
|  |  | D | 2,538 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 89,805,392 | 0.66\% |
|  | Equity-Domestic | Equity | 1,780,873,708 | 13.17\% |
|  | Equity-Foreign | Equity | 654,890,871 | 4.84\% |
|  | MBS - Agency - CMO | Agency | 2,858,965 | 0.02\% |
|  | MBS - Private (CMO) | AAA | 67,540,480 | 0.50\% |
|  |  | AA | 47,724,738 | 0.35\% |
|  |  | A | 36,226,897 | 0.27\% |
|  |  | BBB | 16,205,923 | 0.12\% |
|  |  | BB | 221,605,141 | 1.64\% |
|  |  | B | 339,034,350 | 2.51\% |
|  |  | CCC-C | 477,233,036 | 3.53\% |
|  |  | D | 20,226,193 | 0.15\% |
|  |  | Unkn Rtg (Triparty) | 123,813,732 | 0.92\% |
|  | Muni | AAA | 157,117,626 | 1.16\% |
|  |  | AA | 66,576,304 | 0.49\% |
|  |  | A | 82,202,890 | 0.61\% |
|  |  | BBB | 155,136,271 | 1.15\% |
|  |  | BB | 62,976,727 | 0.47\% |
|  |  | B | 27,521,259 | 0.20\% |
|  |  | CCC-C | 118,848,251 | 0.88\% |
|  |  | D | 13,953,488 | 0.10\% |
|  |  | Unkn Rtg (Triparty) | 368,494,175 | 2.73\% |
|  | Mutual Fund | AAA | 1,980,225,000 | 14.64\% |
|  |  | Unkn Rtg (TripaPla)ge | of 497,943,214 | 3.53\% |
|  | Supranational | AAA | 670,652 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 11,042 | 0.00\% |
|  | Treasury | Treasury | 157,422,687 | 1.16\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | ABS (con't) | A | 39,575,853 | 2.79\% |
|  |  | BBB | 37,712,712 | 2.66\% |
|  |  | BB | 25,599,335 | 1.80\% |
|  |  | B | 6,945,853 | 0.49\% |
|  |  | Unkn Rtg (Triparty) | 64,701,460 | 4.56\% |
|  | Convertible Bonds-Domestic | Unkn Rtg (Triparty) | 470,677 | 0.03\% |
|  | Corporates-Domestic | BB | 26,386,423 | 1.86\% |
|  |  | B | 27,371,948 | 1.93\% |
|  |  | CCC-C | 1,022,754 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 195,019,289 | 13.74\% |
|  | Corporates-Foreign | AA | 300,209 | 0.02\% |
|  |  | A | 385,851 | 0.03\% |
|  |  | BBB | 52,520,626 | 3.70\% |
|  |  | BB | 180,901,600 | 12.74\% |
|  |  | B | 4,056,609 | 0.29\% |
|  |  | CCC-C | 3,688,087 | 0.26\% |
|  |  | Unkn Rtg (Triparty) | 64,339,041 | 4.53\% |
|  | Foreign Sovereigns-Domestic | AAA | 859,483 | 0.06\% |
|  |  | BBB | 879,263 | 0.06\% |
|  |  | BB | 317,945,050 | 22.40\% |
|  |  | B | 72,979,810 | 5.14\% |
|  |  | CCC-C | 541,408 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 2,995,698 | 0.21\% |
|  | Foreign Sovereigns-Foreign | BBB | 5,958,261 | 0.42\% |
|  |  | BB | 8,081,933 | 0.57\% |
|  |  | B | 7,316,100 | 0.52\% |
|  |  | Unkn Rtg (Triparty) | 1,897,063 | 0.13\% |
|  | MBS - Private (CMO) | AAA | 199,463,594 | 14.05\% |
|  |  | AA | 1,393,744 | 0.10\% |
|  |  | A | 1,376,050 | 0.10\% |
|  |  | BBB | 9,710,491 | 0.68\% |
|  |  | BB | 441,604 | 0.03\% |
|  |  | CCC-C | 524,842 | 0.04\% |
|  | Muni | B | 1,236,021 | 0.09\% |
|  | Dealer Total |  | 1,419,635,469 | 100.00\% |
| Mizuho | Corporates-Domestic | BBB | 5,053,552 | 32.55\% |
|  | Equity-Domestic | Equity | 655 | 0.00\% |
|  | Supranational | AAA | 10,472,149 | 67.45\% |
|  | Dealer Total |  | 15,526,355 | 100.00\% |
| Morgan Stanley | ABS | AAA | 217,123,404 | 3.85\% |
|  |  | AA | 59,068,101 | 1.05\% |
|  |  | A | 6,583,999 | 0.12\% |
|  |  | BBB | 9,941,432 | 0.18\% |
|  |  | BB | 8,532,517 | 0.15\% |
|  |  | B | 3,089,507 | 0.05\% |
|  |  | CCC-C | 224,264 | 0.00\% |
|  |  | D | Page 16 of 1999 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 430,641 | 0.01\% |
|  | Agency Debt | Agency | 19,442,201 | 0.34\% |
|  | Convertible Bonds-Domestic | AA | 73,001 | 0.00\% |
|  |  | A | 4,080,057 | 0.07\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Convertible Bonds-Domestic (con't) | BBB | 3,169,494 | 0.06\% |
|  |  | BB | 2,338,148 | 0.04\% |
|  |  | B | 746,760 | 0.01\% |
|  |  | CCC-C | 1,319,278 | 0.02\% |
|  |  | D | 6,951 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 2,764,964 | 0.05\% |
|  | Corporates-Domestic | AAA | 13,956,960 | 0.25\% |
|  |  | AA | 12,892,982 | 0.23\% |
|  |  | A | 43,505,244 | 0.77\% |
|  |  | BBB | 37,292,920 | 0.66\% |
|  |  | BB | 23,340,972 | 0.41\% |
|  |  | B | 10,162,742 | 0.18\% |
|  |  | CCC-C | 21,715,058 | 0.39\% |
|  |  | D | 22,017,333 | 0.39\% |
|  |  | Unkn Rtg (Triparty) | 23,588,979 | 0.42\% |
|  | Equity-Domestic | Equity | 117,689,694 | 2.09\% |
|  | MBS - Agency - CMO | Agency | 142,780 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 8,956,876 | 0.16\% |
|  |  | AA | 178,786 | 0.00\% |
|  |  | A | 286,785 | 0.01\% |
|  |  | BBB | 1,830,057 | 0.03\% |
|  |  | BB | 613,713 | 0.01\% |
|  |  | B | 140,388 | 0.00\% |
|  |  | CCC-C | 581,510 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 564,724 | 0.01\% |
|  | Muni | AAA | 728,070,067 | 12.91\% |
|  |  | AA | 539,456,349 | 9.57\% |
|  |  | A | 798,782,367 | 14.17\% |
|  |  | BBB | 444,941,007 | 7.89\% |
|  |  | BB | 8,574,574 | 0.15\% |
|  |  | B | 613,532 | 0.01\% |
|  |  | CCC-C | 85,441,582 | 1.52\% |
|  |  | D | 6,275 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 76,783,390 | 1.36\% |
|  | Mutual Fund | AAA | 647,800,000 | 11.49\% |
|  |  | Unkn Rtg (Triparty) | 23,925,000 | 0.42\% |
|  | Treasury | Treasury | 1,850,957 | 0.03\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,604,026,750 | 28.45\% |
|  | Dealer Total |  | 5,638,665,763 | 100.00\% |

## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF collateral report for Monday , February 23 

William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 02/24/2009 01:52 PM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Monday, February 23

- Total PDCF borrowing on Monday was $\$ 26.45$ billion, a slight increase of $\$ 0.12$ billion from the prior day.
- Citigroup remains the largest participant in the program with $\$ 13.64$ billion of collateral provided against $\$ 12.60$ billion of borrowing. Citigroup's collateral consists primarily of convertible debt (20.3\%), mutual funds (17.5\%), and mortgage-backed securities (13.3\%). Approximately $8.5 \%$ of Citigroup's collateral is foreign denominated securities.
- Of the $\$ 30.16$ billion of collateral provided by all participants, $42 \%$ are investment grade securities, $22.8 \%$ are non-investment grade securities, $11.8 \%$ are equities, $18.1 \%$ are securities with unknown ratings, and $5.3 \%$ are whole loans pledged through the Discount Window.

[^69]
# Primary Dealer Credit Facility Collateral Report 

For Monday, February 23, 2009

## Highlights

- Total PDCF borrowing on Monday was $\$ 26.45$ billion, a slight increase of $\$ 0.12$ billion from the prior day.
- Citigroup remains the largest participant in the program with $\$ 13.64$ billion of collateral provided against $\$ 12.60$ billion of borrowing. Citigroup's collateral consists primarily of convertible debt ( $20.3 \%$ ), mutual funds ( $17.5 \%$ ), and mortgage-backed securities ( $13.3 \%$ ). Approximately $8.5 \%$ of Citigroup's collateral is foreign denominated securities.
- Of the $\$ 30.16$ billion of collateral provided by all participants, $42 \%$ are investment grade securities, $22.8 \%$ are non-investment grade securities, $11.8 \%$ are equities, $18.1 \%$ are securities with unknown ratings, and $5.3 \%$ are whole loans pledged through the Discount Window.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 2 / 2 3 / 2 0 0 9}$ | $\mathbf{0 2 / 2 0 / 2 0 0 9}$ | $\mathbf{0 2 / 1 9 / 2 0 0 9}$ | $\mathbf{0 2 / 1 8 / 2 0 0 9}$ | $\mathbf{0 2 / 1 7 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 8.75 | 8.75 | 8.60 | 9.70 | 10.10 |
| Citigroup | 12.60 | 12.50 | 9.71 | 10.00 | 9.47 |
| Merrill Lynch | 1.30 | 1.30 | 1.30 | 1.30 | 1.30 |
| Mizuho | 0.01 | 0.01 | 0.01 | 0.08 | 0.06 |
| Morgan Stanley | 3.79 | 3.77 | 3.72 | 4.19 | 4.16 |
| Total Borrowings | $\mathbf{2 6 . 4 5}$ | $\mathbf{2 6 . 3 3}$ | $\mathbf{2 3 . 3 4}$ | $\mathbf{2 5 . 2 7}$ | $\mathbf{2 5 . 0 9}$ |
|  |  |  |  |  |  |
| Total Collateral* | $\mathbf{3 0 . 1 6}$ | $\mathbf{3 0 . 0 5}$ | $\mathbf{2 6 . 7 4}$ | $\mathbf{2 8 . 8 3}$ | $\mathbf{2 8 . 6 2}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 4 . 0 3 \%}$ | $\mathbf{1 4 . 1 3 \%}$ | $\mathbf{1 4 . 5 7 \%}$ | $\mathbf{1 4 . 0 9 \%}$ | $\mathbf{1 4 . 0 7 \%}$ |

* Includes additional commercial loans in a Borrower-In-Custody arrangement.

PDCF Borrowing Trend


## Composition of Collateral Pledged for February 23 Borrowings - in millions

[^70]|  | Bank of America | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{\mathbf{2}}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Treasury | - | 218.6 | - | - | 1.1 | 219.7 |
| Agency | - | 193.4 | - | - | 19.2 | 212.7 |
| AAA | $3,888.9$ | $2,215.3$ | 231.7 | 10.5 | $1,611.9$ | $7,958.2$ |
| AA | 62.2 | 379.9 | 27.5 | - | 622.5 | $1,092.1$ |
| A | 169.9 | 457.9 | 89.6 | - | 842.5 | $1,559.9$ |
| BBB | 134.5 | 835.6 | 141.2 | 5.1 | 488.6 | $1,605.0$ |
| BB | 202.7 | 924.7 | 488.8 | - | 42.6 | $1,658.8$ |
| B | 406.5 | $1,137.5$ | 109.4 | - | 15.8 | $1,669.1$ |
| CCC-C | $1,023.9$ | $1,788.6$ | 7.4 | - | 112.1 | $2,932.1$ |
| D | 470.7 | 119.7 | 0.5 | - | 18.3 | 609.2 |
| A-1 | - | 24.5 | - | - | - | 24.5 |
| A-2 | - | 5.0 | - | - | - | 5.0 |
| A-3 | - | - | - | - | - | - |
| NP | - | - | - | - | - | - |
| Equity | $1,732.0$ | $1,718.6$ | - | - | 117.6 | $3,568.2$ |
| Unkn Rtg (Triparty) | $\mathbf{1 , 3 4 0 . 9}$ | $3,620.4$ | $\mathbf{3 2 3 . 8}$ | - | 158.3 | $5,443.4$ |
| Unkn Rtg (non-Triparty) | - | - | - | - | $\mathbf{1 , 6 0 4 . 0}$ | $\mathbf{1 , 6 0 4 . 0}$ |
| Total Collateral | $\mathbf{9 , 4 3 2 . 1}$ | $\mathbf{1 3 , 6 3 9 . 7}$ | $\mathbf{1 , 4 2 0 . 0}$ | $\mathbf{1 5 . 6}$ | $\mathbf{5 , 6 5 4 . 6}$ | $\mathbf{3 0 , 1 6 2 . 0}$ |
| Total Borrowings | $\mathbf{8 , 7 5 0 . 0}$ | $\mathbf{1 2 , 6 0 0 . 0}$ | $\mathbf{1 , 3 0 0 . 0}$ | $\mathbf{1 4 . 5}$ | $\mathbf{3 , 7 8 5 . 0}$ | $\mathbf{2 6 , 4 4 9 . 6}$ |
| Collateral Cushion | $\mathbf{7 . 8 0 \%}$ | $\mathbf{8 . 2 5 \%}$ | $\mathbf{9 . 2 3 \%}$ | $\mathbf{7 . 2 9 \%}$ | $\mathbf{4 9 . 3 9 \%}$ | $\mathbf{1 4 . 0 4 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Page 5 of 20

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $219,716,548$ | $0.73 \%$ |
| Agency | $212,670,349$ | $0.71 \%$ |
| AAA | $7,958,216,267$ | $26.38 \%$ |
| AA | $1,092,135,726$ | $3.62 \%$ |
| A | $1,559,879,827$ | $5.17 \%$ |
| BBB | $1,604,961,025$ | $5.32 \%$ |
| BB | $1,658,818,685$ | $5.50 \%$ |
| B | $1,669,131,456$ | $5.53 \%$ |
| CCC-C | $2,932,061,582$ | $9.72 \%$ |
| D | $609,212,248$ | $2.02 \%$ |
| A-1 | $24,520,073$ | $0.08 \%$ |
| A-2 | $4,995,100$ | $0.02 \%$ |
| Equity | $5,443,432,835$ | $11.83 \%$ |
| Unkn Rtg (Triparty) | $1,604,026,750$ | $5.32 \%$ |
| Unkn Rtg (non-Triparty) | $30,161,973,767$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,650,682,466$ | $8.79 \%$ |
| Agency Debt | $212,527,515$ | $0.70 \%$ |
| CDs-CP-BAs | $387,588,040$ | $1.29 \%$ |
| CMBS | $69,724,092$ | $0.23 \%$ |
| Convertible Bonds-Domestic | $3,066,735,718$ | $10.17 \%$ |
| Convertible Bonds-Foreign | $738,347,605$ | $2.45 \%$ |
| Corporates-Domestic | $2,431,240,764$ | $8.06 \%$ |
| Corporates-Foreign | $654,886,309$ | $2.17 \%$ |
| Equity-Domestic | $3,490,339,047$ | $11.57 \%$ |
| Equity-Foreign | $77,856,251$ | $0.26 \%$ |
| Foreign Sovereigns-Domestic | $325,061,651$ | $1.08 \%$ |
| Foreign Sovereigns-Foreign | $30,961,380$ | $0.10 \%$ |
| MBS - Agency - CMO | 142,835 | $0.00 \%$ |
| MBS - Private (CMO) | $3,038,730,217$ | $10.07 \%$ |
| Muni | $4,077,209,804$ | $13.52 \%$ |
| Mutual Fund | $7,074,670,244$ | $23.46 \%$ |
| Supranational | $11,526,533$ | $0.04 \%$ |
| Treasury | $219,716,548$ | $0.73 \%$ |
| Whole Loans - DW | $1,604,026,750$ | $5.32 \%$ |
| Total | $30,161,973,767$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 62,241,870 | 0.66\% |
|  |  | A | 6,552,890 | 0.07\% |
|  |  | BBB | 2,199,959 | 0.02\% |
|  |  | BB | 80,758,065 | 0.86\% |
|  |  | B | 122,479,304 | 1.30\% |
|  |  | CCC-C | 207,557,058 | 2.20\% |
|  |  | D | 80,718,871 | 0.86\% |
|  |  | Unkn Rtg (Triparty) | 121,069,530 | 1.28\% |
|  | Convertible Bonds-Domestic | A | 138,304,162 | 1.47\% |
|  |  | BBB | 131,983,104 | 1.40\% |
|  |  | BB | 83,525,827 | 0.89\% |
|  |  | B | 11,550,282 | 0.12\% |
|  |  | CCC-C | 57,050,422 | 0.60\% |
|  |  | Unkn Rtg (Triparty) | 594,045,024 | 6.30\% |
|  | Corporates-Domestic | B | 54,105,688 | 0.57\% |
|  |  | CCC-C | 99,279,884 | 1.05\% |
|  |  | D | 344,368,995 | 3.65\% |
|  |  | Unkn Rtg (Triparty) | 456,173,887 | 4.84\% |
|  | Equity-Domestic | Equity | 1,731,970,518 | 18.36\% |
|  | MBS - Private (CMO) | AAA | 22,098,042 | 0.23\% |
|  |  | BBB | 290,400 | 0.00\% |
|  |  | BB | 38,368,969 | 0.41\% |
|  |  | B | 218,322,238 | 2.31\% |
|  |  | CCC-C | 659,964,856 | 7.00\% |
|  |  | D | 45,660,388 | 0.48\% |
|  |  | Unkn Rtg (Triparty) | 23,331,485 | 0.25\% |
|  | Muni | Unkn Rtg (Triparty) | 24,997,969 | 0.27\% |
|  | Mutual Fund | AAA | 3,866,825,000 | 41.00\% |
|  |  | A | 25,000,000 | 0.27\% |
|  |  | Unkn Rtg (Triparty) | 121,275,000 | 1.29\% |
|  | Treasury | Treasury | 23,611 | 0.00\% |
|  | Dealer Total |  | 9,432,093,298 | 100.00\% |
| Citigroup | ABS | AAA | 57,281,074 | 0.42\% |
|  |  | AA | 6,946,719 | 0.05\% |
|  |  | A | 55,444,346 | 0.41\% |
|  |  | BBB | 234,940,668 | 1.72\% |
|  |  | BB | 188,451,277 | 1.38\% |
|  |  | B | 306,085,332 | 2.24\% |
|  |  | CCC-C | 191,641,451 | 1.41\% |
|  |  | D | 54,135,920 | 0.40\% |
|  |  | Unkn Rtg (Triparty) | 341,028,772 | 2.50\% |
|  | Agency Debt | Agency | 193,435,850 | 1.42\% |
|  | CDs-CP-BAs | A-1 | Page 10 024,520,073 | 0.18\% |
|  |  | A-2 | 4,995,100 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 358,047,403 | 2.63\% |
|  | CMBS | Unkn Rtg (Triparty) | 69,724,092 | 0.51\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | CCC-C | 259,517,468 | 1.90\% |
|  |  | D | 20,560,993 | 0.15\% |
|  |  | Unkn Rtg (Triparty) | 1,065,183,671 | 7.81\% |
|  | Convertible Bonds-Foreign | A | 62,249,035 | 0.46\% |
|  |  | BBB | 1,857,540 | 0.01\% |
|  |  | BB | 5,053,768 | 0.04\% |
|  |  | B | 39,938,214 | 0.29\% |
|  |  | Unkn Rtg (Triparty) | 629,249,048 | 4.61\% |
|  | Corporates-Domestic | AAA | 1,120,869 | 0.01\% |
|  |  | AA | 24,896 | 0.00\% |
|  |  | A | 36,579,742 | 0.27\% |
|  |  | BBB | 105,940,817 | 0.78\% |
|  |  | BB | 121,704,677 | 0.89\% |
|  |  | B | 30,182,453 | 0.22\% |
|  |  | CCC-C | 264,851,958 | 1.94\% |
|  |  | D | 8,526,877 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 375,756,115 | 2.75\% |
|  | Corporates-Foreign | A | 8,559,862 | 0.06\% |
|  |  | BBB | 1,168,959 | 0.01\% |
|  |  | BB | 183,843,653 | 1.35\% |
|  |  | B | 7,350,564 | 0.05\% |
|  |  | CCC-C | 44,628,155 | 0.33\% |
|  |  | D | 2,523 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 89,717,027 | 0.66\% |
|  | Equity-Domestic | Equity | 1,640,728,835 | 12.03\% |
|  | Equity-Foreign | Equity | 77,856,251 | 0.57\% |
|  | Foreign Sovereigns-Domestic | BB | 13,323,328 | 0.10\% |
|  |  | B | 637,657 | 0.00\% |
|  | Foreign Sovereigns-Foreign | BBB | 10,907,268 | 0.08\% |
|  | MBS - Private (CMO) | AAA | 71,771,801 | 0.53\% |
|  |  | AA | 14,417,115 | 0.11\% |
|  |  | A | 44,236,007 | 0.32\% |
|  |  | BBB | 53,495,621 | 0.39\% |
|  |  | BB | 98,574,359 | 0.72\% |
|  |  | B | 472,805,609 | 3.47\% |
|  |  | CCC-C | 906,386,541 | 6.65\% |
|  |  | D | 22,517,899 | 0.17\% |
|  |  | Unkn Rtg (Triparty) | 122,703,426 | 0.90\% |
|  | Muni | AAA | 166,340,837 | 1.22\% |
|  |  | AA | 358,479,661 | 2.63\% |
|  |  | A | 201,944,126 | 1.48\% |
|  |  | BBB | 237,029,651 | 1.74\% |
|  |  | BB | 70,472,232 | 0.52\% |
|  |  | B | 72,133,352 | 0.53\% |
|  |  | CCC-C Pa | of 21(21,623,357 | 0.89\% |
|  |  | D | 13,968,943 | 0.10\% |
|  |  | Unkn Rtg (Triparty) | 97,553,953 | 0.72\% |
|  | Mutual Fund | AAA | 1,918,075,000 | 14.06\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Treasury | Treasury | 218,590,824 | 1.60\% |
|  | Dealer Total |  | 13,639,688,666 | 100.00\% |
| Merrill Lynch | ABS | AAA | 29,667,150 | 2.09\% |
|  |  | AA | 25,095,447 | 1.77\% |
|  |  | A | 39,393,394 | 2.77\% |
|  |  | BBB | 37,524,403 | 2.64\% |
|  |  | BB | 25,479,326 | 1.79\% |
|  |  | B | 6,913,919 | 0.49\% |
|  |  | Unkn Rtg (Triparty) | 65,009,720 | 4.58\% |
|  | Convert ble Bonds-Domestic | Unkn Rtg (Triparty) | 470,677 | 0.03\% |
|  | Corporates-Domestic | AA | 741,879 | 0.05\% |
|  |  | A | 42,118,045 | 2.97\% |
|  |  | BBB | 36,002,790 | 2.54\% |
|  |  | BB | 26,346,315 | 1.86\% |
|  |  | B | 24,197,759 | 1.70\% |
|  |  | CCC-C | 1,031,556 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 195,407,822 | 13.76\% |
|  | Corporates-Foreign | AAA | 1,452,873 | 0.10\% |
|  |  | AA | 300,279 | 0.02\% |
|  |  | A | 6,754,019 | 0.48\% |
|  |  | BBB | 54,870,987 | 3.86\% |
|  |  | BB | 188,133,951 | 13.25\% |
|  |  | B | 4,037,204 | 0.28\% |
|  |  | CCC-C | 3,662,658 | 0.26\% |
|  |  | D | 451,250 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 59,952,346 | 4.22\% |
|  | Foreign Sovereigns-Domestic | AAA | 859,550 | 0.06\% |
|  |  | BBB | 553,266 | 0.04\% |
|  |  | BB | 240,390,628 | 16.93\% |
|  |  | B | 65,753,826 | 4.63\% |
|  |  | CCC-C | 545,352 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 2,998,045 | 0.21\% |
|  | Foreign Sovereigns-Foreign | BBB | 4,768,365 | 0.34\% |
|  |  | BB | 8,029,121 | 0.57\% |
|  |  | B | 7,256,627 | 0.51\% |
|  | MBS - Private (CMO) | AAA | 199,315,732 | 14.04\% |
|  |  | AA | 1,398,936 | 0.10\% |
|  |  | A | 1,380,082 | 0.10\% |
|  |  | BBB | 7,489,213 | 0.53\% |
|  |  | BB | 439,545 | 0.03\% |
|  |  | CCC-C | 2,203,412 | 0.16\% |
|  | Muni | B | 1,231,407 | 0.09\% |
|  | Supranational | AAA | 355,042 | 0.03\% |
|  | Dealer Total |  | 1,419,983,913 | 100.00\% |
| Mizuho | Corporates-Domestic | BBB | 5,071,736 | 32.59\% |
|  | Supranational | AAA | 10,490,558 | 67.41\% |
|  | Dealer Total |  | Page15,5621980 | 100.00\% |
| Morgan Stanley | ABS | AAA | 217,101,528 | 3.84\% |
|  |  | AA | 59,019,346 | 1.04\% |
|  |  | A | 3,792,556 | 0.07\% |
|  |  | BBB | 8,126,081 | 0.14\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | ABS (con't) | BB | 8,411,685 | 0.15\% |
|  |  | B | 2,957,850 | 0.05\% |
|  |  | CCC-C | 2,656,955 | 0.05\% |
|  | Agency Debt | Agency | 19,091,665 | 0.34\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 25,465 | 0.00\% |
|  | Convertible Bonds-Domestic | AA | 73,002 | 0.00\% |
|  |  | A | 3,475,950 | 0.06\% |
|  |  | BBB | 3,017,380 | 0.05\% |
|  |  | BB | 2,408,192 | 0.04\% |
|  |  | B | 691,152 | 0.01\% |
|  |  | CCC-C | 1,315,393 | 0.02\% |
|  |  | D | 6,242 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 2,789,902 | 0.05\% |
|  | Corporates-Domestic | AAA | 12,748,354 | 0.23\% |
|  |  | AA | 10,943,452 | 0.19\% |
|  |  | A | 41,247,607 | 0.73\% |
|  |  | BBB | 36,639,224 | 0.65\% |
|  |  | BB | 22,645,981 | 0.40\% |
|  |  | B | 9,987,338 | 0.18\% |
|  |  | CCC-C | 21,685,523 | 0.38\% |
|  |  | D | 18,281,125 | 0.32\% |
|  |  | Unkn Rtg (Triparty) | 27,527,403 | 0.49\% |
|  | Equity-Domestic | Equity | 117,639,694 | 2.08\% |
|  | MBS - Agency - CMO | Agency | 142,835 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 7,086,864 | 0.13\% |
|  |  | AA | 169,625 | 0.00\% |
|  |  | A | 289,044 | 0.01\% |
|  |  | BBB | 236,090 | 0.00\% |
|  |  | BB | 651,441 | 0.01\% |
|  |  | B | 1,571,698 | 0.03\% |
|  |  | CCC-C | 1,014,538 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 539,241 | 0.01\% |
|  | Muni | AAA | 726,806,133 | 12.85\% |
|  |  | AA | 552,272,833 | 9.77\% |
|  |  | A | 793,671,952 | 14.04\% |
|  |  | BBB | 440,612,910 | 7.79\% |
|  |  | BB | 8,500,621 | 0.15\% |
|  |  | B | 613,102 | 0.01\% |
|  |  | CCC-C | 85,445,046 | 1.51\% |
|  |  | D | 12,223 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 103,499,496 | 1.83\% |
|  | Mutual Fund | AAA | 648,150,000 | 11.46\% |
|  |  | Unkn Rtg (Triparty) | 23,925,000 | 0.42\% |
|  | Treasury | Treasury | 1,102,112 | 0.02\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,604,026,750 | 28.37\% |
|  | Dealer Total |  | 5,654,645,597 | 100.00\% |

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## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Tuesday, February 24
William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 02/25/2009 11:29 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Tuesday, February 24

- Total PDCF borrowing on Tuesday was $\$ 25.37$ billion, a decrease of $\$ 1.08$ billion from the prior day. Virtually all of this decrease was due to a reduction in borrowing by Morgan Stanley.
- Between Monday and Tuesday, Citigroup's borrowing and collateral value remained steady. The composition of Citigroup's collateral had a modest shift away from corporate debt ( $9.4 \%$ to $5.5 \%$ ), convertible debt ( $20.3 \%$ to $16.7 \%$ ), and asset backed securities ( $10.5 \%$ to $8.7 \%$ ). The proportional declines in these collateral types were balanced by increases in equities ( $12.6 \%$ to $17.1 \%$ ), commercial paper/certificates of deposit ( $2.9 \%$ to $6.7 \%$ ), and mortgage backed securities ( $13.3 \%$ to $14.6 \%$ ).
- Total PDCF collateral consists primarily of mutual funds (23\%), equities ( $13.7 \%$ ), and mortgage backed securities ( $12.5 \%$ ). Approximately $5.5 \%$ of the collateral provided is foreign denominated securities.


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PDCF Charts and Tables - 20090224.doc
Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Tuesday, February 24, 2009

## Highlights

- Total PDCF borrowing on Tuesday was $\$ 25.37$ billion, a decrease of $\$ 1.08$ billion from the prior day. Virtually all of this decrease was due to a reduction in borrowing by Morgan Stanley.
- Between Monday and Tuesday, Citigroup's borrowing and collateral value remained steady. The composition of Citigroup's collateral had a modest shift away from corporate debt ( $9.4 \%$ to $5.5 \%$ ), convertible debt ( $20.3 \%$ to $16.7 \%$ ), and asset backed securities ( $10.5 \%$ to $8.7 \%$ ). The proportional declines in these collateral types were balanced by increases in equities ( $12.6 \%$ to $17.1 \%$ ), commercial paper/certificates of deposit ( $2.9 \%$ to $6.7 \%$ ), and mortgage backed securities ( $13.3 \%$ to $14.6 \%$ ).
- Total PDCF collateral consists primarily of mutual funds (23\%), equities (13.7\%), and mortgage backed securities (12.5\%). Approximately $5.5 \%$ of the collateral provided is foreign denominated securities.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 2 / 2 4 / 2 0 0 9}$ | $\mathbf{0 2 / 2 3 / 2 0 0 9}$ | $\mathbf{0 2 / 2 0 / 2 0 0 9}$ | $\mathbf{0 2 / 1 9 / 2 0 0 9}$ | $\mathbf{0 2 / 1 8 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 8.75 | 8.75 | 8.75 | 8.60 | 9.70 |
| Citigroup | 12.60 | 12.60 | 12.50 | 9.71 | 10.00 |
| Merrill Lynch | 1.30 | 1.30 | 1.30 | 1.30 | 1.30 |
| Mizuho | 0.02 | 0.01 | 0.01 | 0.01 | 0.08 |
| Morgan Stanley | 2.70 | 3.79 | 3.77 | 3.72 | 4.19 |
| Total Borrowings | $\mathbf{2 5 . 3 7}$ | $\mathbf{2 6 . 4 5}$ | $\mathbf{2 6 . 3 3}$ | $\mathbf{2 3 . 3 4}$ | $\mathbf{2 5 . 2 7}$ |
|  |  |  |  |  |  |
| Total Collateral |  | $\mathbf{2 9 . 0 3}$ | $\mathbf{3 0 . 1 6}$ | $\mathbf{3 0 . 0 5}$ | $\mathbf{2 6 . 7 4}$ |
|  |  |  |  |  | $\mathbf{2 8 . 8 3}$ |
| Collateral Cushion | $\mathbf{1 4 . 4 3 \%}$ | $\mathbf{1 4 . 0 3 \%}$ | $\mathbf{1 4 . 1 3 \%}$ | $\mathbf{1 4 . 5 7 \%}$ | $\mathbf{1 4 . 0 9 \%}$ |

[^71]PDCF Borrowing Trend


## Composition of Collateral Pledged for February 24 Borrowings - in millions

[^72]| Rating ${ }^{1}$ | Bank of America | Citigroup | Merrill Lynch | Mizuho | Morgan Stanley ${ }^{2}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Treasury | - | 112.4 | - | - | 1.1 | 113.5 |
| Agency | 56.0 | 380.3 | - | - | 18.0 | 454.3 |
| AAA | 3,425.0 | 2,212.8 | 227.5 | 15.4 | 1,145.1 | 7,025.7 |
| AA | 88.9 | 197.2 | 27.8 | - | 471.2 | 785.0 |
| A | 175.3 | 488.0 | 89.5 | - | 485.6 | 1,238.4 |
| BBB | 174.8 | 746.2 | 143.8 | 5.1 | 367.5 | 1,437.4 |
| BB | 193.6 | 628.1 | 484.4 | - | 42.1 | 1,348.2 |
| B | 508.0 | 1,272.2 | 115.1 | - | 15.4 | 1,910.8 |
| CCC-C | 1,319.7 | 1,622.3 | 6.0 | - | 112.2 | 3,060.3 |
| D | 472.8 | 80.7 | 0.4 | - | 19.5 | 573.4 |
| A-1 | - | 756.5 | - | - | - | 756.5 |
| A-2 | - | 71.6 | - | - | - | 71.6 |
| A-3 | - | - | - | - | - | - |
| NP | - | - | - | - | - | - |
| Equity | 1,540.0 | 2,325.5 | - | - | 119.8 | 3,985.3 |
| Unkn Rtg (Triparty) | 1,497.4 | 2,746.6 | 325.5 | - | 94.8 | 4,664.4 |
| Unkn Rtg (non-Triparty) | - | - | - | - | 1,604.0 | 1,604.0 |
| Total Collateral | 9,451.6 | 13,640.3 | 1,420.1 | 20.5 | 4,496.3 | 29,028.7 |
| Total Borrowings | 8,750.0 | 12,600.0 | 1,300.0 | 19.1 | 2,702.4 | 25,371.6 |
| Collateral Cushion | 8.02\% | 8.26\% | 9.24\% | 7.16\% | 66.38\% | 14.41\% |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Page 5 of 20

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $113,472,796$ | $0.39 \%$ |
| Agency | $454,313,850$ | $1.57 \%$ |
| AAA | $7,025,722,922$ | $24.20 \%$ |
| AA | $785,003,850$ | $2.70 \%$ |
| A | $1,238,395,402$ | $4.27 \%$ |
| BBB | $1,437,376,859$ | $4.95 \%$ |
| BB | $1,348,172,903$ | $4.64 \%$ |
| B | $1,910,781,952$ | $6.58 \%$ |
| CCC-C | $3,060,280,439$ | $10.54 \%$ |
| D | $573,401,918$ | $1.98 \%$ |
| A-1 | $756,475,936$ | $2.61 \%$ |
| A-2 | $71,639,311$ | $0.25 \%$ |
| Equity | $3,985,280,550$ | $13.73 \%$ |
| Unkn Rtg (Triparty) | $4,664,363,863$ | $16.07 \%$ |
| Unkn Rtg (non-Triparty) | $1,604,026,750$ | $5.53 \%$ |
| Total | $29,028,709,300$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,476,830,665$ | $8.53 \%$ |
| Agency Debt | $454,171,009$ | $1.56 \%$ |
| CDs-CP-BAs | $909,571,478$ | $3.13 \%$ |
| CMBS | $78,784,056$ | $0.27 \%$ |
| Convertible Bonds-Domestic | $2,694,844,990$ | $9.28 \%$ |
| Convertible Bonds-Foreign | $588,361,540$ | $2.03 \%$ |
| Corporates-Domestic | $2,134,172,078$ | $7.35 \%$ |
| Corporates-Foreign | $425,110,541$ | $1.46 \%$ |
| Equity-Domestic | $3,414,952,246$ | $11.76 \%$ |
| Equity-Foreign | $570,328,304$ | $1.96 \%$ |
| Foreign Sovereigns-Domestic | $310,512,300$ | $1.07 \%$ |
| Foreign Sovereigns-Foreign | $23,360,274$ | $0.08 \%$ |
| MBS - Agency - CMO | 142,841 | $0.00 \%$ |
| MBS - Private (CMO) | $3,619,672,163$ | $12.47 \%$ |
| Muni | $2,918,920,064$ | $10.06 \%$ |
| Mutual Fund | $6,679,952,598$ | $23.01 \%$ |
| Supranational | $11,522,607$ | $0.04 \%$ |
| Treasury | $113,472,796$ | $0.39 \%$ |
| Whole Loans - DW | $1,604,026,750$ | $5.53 \%$ |
| Total | $29,028,709,300$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 62,255,300 | 0.66\% |
|  |  | A | 6,546,113 | 0.07\% |
|  |  | BBB | 43,644,646 | 0.46\% |
|  |  | BB | 80,667,391 | 0.85\% |
|  |  | B | 112,323,305 | 1.19\% |
|  |  | CCC-C | 253,700,873 | 2.68\% |
|  |  | D | 77,378,918 | 0.82\% |
|  |  | Unkn Rtg (Triparty) | 185,697,666 | 1.96\% |
|  | Agency Debt | Agency | 56,040,705 | 0.59\% |
|  | Convertible Bonds-Domestic | A | 141,380,694 | 1.50\% |
|  |  | BBB | 130,859,339 | 1.38\% |
|  |  | BB | 76,735,953 | 0.81\% |
|  |  | B | 8,284,520 | 0.09\% |
|  |  | CCC-C | 23,180,263 | 0.25\% |
|  |  | Unkn Rtg (Triparty) | 612,785,831 | 6.48\% |
|  | Corporates-Domestic | B | 54,148,625 | 0.57\% |
|  |  | CCC-C | 96,508,149 | 1.02\% |
|  |  | D | 341,997,032 | 3.62\% |
|  |  | Unkn Rtg (Triparty) | 460,410,897 | 4.87\% |
|  | Equity-Domestic | Equity | 1,539,990,504 | 16.29\% |
|  | MBS - Private (CMO) | AAA | 22,124,433 | 0.23\% |
|  |  | BBB | 289,683 | 0.00\% |
|  |  | BB | 36,057,028 | 0.38\% |
|  |  | B | 333,274,504 | 3.53\% |
|  |  | CCC-C | 941,593,067 | 9.96\% |
|  |  | D | 53,435,077 | 0.57\% |
|  |  | Unkn Rtg (Triparty) | 23,164,629 | 0.25\% |
|  | Muni | AAA | 5,000,000 | 0.05\% |
|  |  | AA | 26,629,034 | 0.28\% |
|  |  | A | 2,343,726 | 0.02\% |
|  |  | BB | 100,000 | 0.00\% |
|  |  | CCC-C | 4,750,000 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 95,729,842 | 1.01\% |
|  | Mutual Fund | AAA | 3,397,875,000 | 35.95\% |
|  |  | A | 25,000,000 | 0.26\% |
|  |  | Unkn Rtg (Triparty) | 119,650,000 | 1.27\% |
|  | Treasury | Treasury | 14,643 | 0.00\% |
|  | Dealer Total |  | 9,451,567,389 | 100.00\% |
| Citigroup | ABS | AAA | 43,673,272 | 0.32\% |
|  |  | AA | 2,663,222 | 0.02\% |
|  |  | A | 49,237,801 | 0.36\% |
|  |  | BBB | 218,247,926 | 1.60\% |
|  |  | BB | Page 10 069230 7,590 | 1.17\% |
|  |  | B | 293,626,928 | 2.15\% |
|  |  | CCC-C | 175,590,731 | 1.29\% |
|  |  | D | 34,786,862 | 0.26\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | CMBS | Unkn Rtg (Triparty) | 78,784,056 | 0.58\% |
|  | Convertible Bonds-Domestic | A | 58,555,306 | 0.43\% |
|  |  | BBB | 233,733,516 | 1.71\% |
|  |  | BB | 195,182,004 | 1.43\% |
|  |  | B | 163,942,291 | 1.20\% |
|  |  | CCC-C | 234,290,696 | 1.72\% |
|  |  | D | 12,953,915 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 788,751,903 | 5.78\% |
|  | Convertible Bonds-Foreign | A | 55,400,615 | 0.41\% |
|  |  | BBB | 145,293 | 0.00\% |
|  |  | BB | 3,558,838 | 0.03\% |
|  |  | B | 40,341,211 | 0.30\% |
|  |  | Unkn Rtg (Triparty) | 488,915,584 | 3.58\% |
|  | Corporates-Domestic | AAA | 1,120,869 | 0.01\% |
|  |  | AA | 24,898 | 0.00\% |
|  |  | A | 38,968,809 | 0.29\% |
|  |  | BBB | 77,722,362 | 0.57\% |
|  |  | BB | 96,462,836 | 0.71\% |
|  |  | B | 47,131,874 | 0.35\% |
|  |  | CCC-C | 76,228,276 | 0.56\% |
|  |  | D | 1,355,047 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 306,873,491 | 2.25\% |
|  | Corporates-Foreign | A | 8,641,021 | 0.06\% |
|  |  | BBB | 1,180,118 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 92,072,663 | 0.68\% |
|  | Equity-Domestic | Equity | 1,755,137,063 | 12.87\% |
|  | Equity-Foreign | Equity | 570,328,304 | 4.18\% |
|  | MBS - Private (CMO) | AAA | 67,106,506 | 0.49\% |
|  |  | AA | 2,912,150 | 0.02\% |
|  |  | A | 36,459,436 | 0.27\% |
|  |  | BBB | 16,793,049 | 0.12\% |
|  |  | BB | 94,080,712 | 0.69\% |
|  |  | B | 637,744,338 | 4.68\% |
|  |  | CCC-C | 1,010,394,454 | 7.41\% |
|  |  | D | 17,598,589 | 0.13\% |
|  |  | Unkn Rtg (Triparty) | 108,800,806 | 0.80\% |
|  | Muni | AAA | 119,965,579 | 0.88\% |
|  |  | AA | 191,559,326 | 1.40\% |
|  |  | A | 240,705,237 | 1.76\% |
|  |  | BBB | 198,389,864 | 1.45\% |
|  |  | BB | 79,408,807 | 0.58\% |
|  |  | B | 89,459,405 | 0.66\% |
|  |  | CCC-C | 125,806,496 | 0.92\% |
|  |  | D | 13,974,095 | 0.10\% |
|  |  | Unkn Rtg (Triparty) | Page 131,3922a ${ }^{\text {a }}$ | 0.82\% |
|  | Mutual Fund | AAA | 1,980,225,000 | 14.52\% |
|  |  | Unkn Rtg (Triparty) | 482,652,598 | 3.54\% |
|  | Supranational | AAA | 669,773 | 0.00\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch | ABS | AAA | 29,934,645 | 2.11\% |
|  |  | AA | 25,338,650 | 1.78\% |
|  |  | A | 38,588,548 | 2.72\% |
|  |  | BBB | 37,884,549 | 2.67\% |
|  |  | BB | 25,727,939 | 1.81\% |
|  |  | B | 6,981,592 | 0.49\% |
|  |  | Unkn Rtg (Triparty) | 64,826,926 | 4.56\% |
|  | Convert ble Bonds-Domestic | Unkn Rtg (Triparty) | 470,677 | 0.03\% |
|  | Corporates-Domestic | AA | 741,879 | 0.05\% |
|  |  | A | 42,102,162 | 2.96\% |
|  |  | BBB | 35,948,089 | 2.53\% |
|  |  | BB | 25,712,795 | 1.81\% |
|  |  | B | 24,192,453 | 1.70\% |
|  |  | CCC-C | 1,308,737 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 195,385,741 | 13.76\% |
|  | Corporates-Foreign | AAA | 1,451,561 | 0.10\% |
|  |  | AA | 299,444 | 0.02\% |
|  |  | A | 7,416,213 | 0.52\% |
|  |  | BBB | 55,408,018 | 3.90\% |
|  |  | BB | 190,489,878 | 13.41\% |
|  |  | B | 4,104,161 | 0.29\% |
|  |  | CCC-C | 3,645,323 | 0.26\% |
|  |  | D | 448,753 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 59,953,387 | 4.22\% |
|  | Foreign Sovereigns-Domestic | AAA | 859,572 | 0.06\% |
|  |  | BBB | 879,483 | 0.06\% |
|  |  | BB | 233,941,537 | 16.47\% |
|  |  | B | 71,293,506 | 5.02\% |
|  |  | CCC-C | 539,375 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 2,998,827 | 0.21\% |
|  | Foreign Sovereigns-Foreign | BBB | 6,070,231 | 0.43\% |
|  |  | BB | 8,085,514 | 0.57\% |
|  |  | B | 7,301,039 | 0.51\% |
|  |  | Unkn Rtg (Triparty) | 1,903,489 | 0.13\% |
|  | MBS - Private (CMO) | AAA | 194,867,306 | 13.72\% |
|  |  | AA | 1,422,925 | 0.10\% |
|  |  | A | 1,403,379 | 0.10\% |
|  |  | BBB | 7,579,436 | 0.53\% |
|  |  | BB | 443,838 | 0.03\% |
|  |  | CCC-C | 535,250 | 0.04\% |
|  | Muni | B | 1,243,821 | 0.09\% |
|  | Supranational | AAA | 356,613 | 0.03\% |
|  | Dealer Total |  | 1,420,087,260 | 100.00\% |
| Mizuho | Corporates-Domestic | AAA | 4,930,288 | 24.09\% |
|  |  | BBB | 5,053,932 | 24.69\% |
|  | Supranational | AAA | 10,485,161 | 51.22\% |
|  | Dealer Total |  | Pagz0,46933820 | 100.00\% |
| Morgan Stanley | ABS | AAA | 157,016,167 | 3.49\% |
|  |  | AA | 58,529,677 | 1.30\% |
|  |  | A | 3,793,347 | 0.08\% |
|  |  | BBB | 8,128,764 | 0.18\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | ABS (con't) | BB | 8,411,685 | 0.19\% |
|  |  | B | 2,957,850 | 0.07\% |
|  |  | CCC-C | 2,657,413 | 0.06\% |
|  | Agency Debt | Agency | 17,828,449 | 0.40\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 25,573 | 0.00\% |
|  | Convertible Bonds-Domestic | AA | 73,000 | 0.00\% |
|  |  | A | 3,994,312 | 0.09\% |
|  |  | BBB | 2,817,552 | 0.06\% |
|  |  | BB | 2,032,684 | 0.05\% |
|  |  | B | 648,125 | 0.01\% |
|  |  | CCC-C | 1,378,898 | 0.03\% |
|  |  | D | 6,255 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 2,787,258 | 0.06\% |
|  | Corporates-Domestic | AAA | 8,389,767 | 0.19\% |
|  |  | AA | 11,650,111 | 0.26\% |
|  |  | A | 42,140,985 | 0.94\% |
|  |  | BBB | 35,966,112 | 0.80\% |
|  |  | BB | 22,573,626 | 0.50\% |
|  |  | B | 9,612,434 | 0.21\% |
|  |  | CCC-C | 21,727,238 | 0.48\% |
|  |  | D | 19,455,144 | 0.43\% |
|  |  | Unkn Rtg (Triparty) | 28,327,422 | 0.63\% |
|  | Equity-Domestic | Equity | 119,824,679 | 2.66\% |
|  | MBS - Agency - CMO | Agency | 142,841 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 7,164,420 | 0.16\% |
|  |  | AA | 169,499 | 0.00\% |
|  |  | A | 289,613 | 0.01\% |
|  |  | BBB | 236,950 | 0.01\% |
|  |  | BB | 566,991 | 0.01\% |
|  |  | B | 1,557,141 | 0.03\% |
|  |  | CCC-C | 1,010,935 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 596,021 | 0.01\% |
|  | Muni | AAA | 321,881,991 | 7.16\% |
|  |  | AA | 400,734,735 | 8.91\% |
|  |  | A | 435,428,086 | 9.68\% |
|  |  | BBB | 320,397,951 | 7.13\% |
|  |  | BB | 8,535,259 | 0.19\% |
|  |  | B | 612,827 | 0.01\% |
|  |  | CCC-C | 85,434,267 | 1.90\% |
|  |  | D | 12,231 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 39,115,256 | 0.87\% |
|  | Mutual Fund | AAA | 650,625,000 | 14.47\% |
|  |  | Unkn Rtg (Triparty) | 23,925,000 | 0.53\% |
|  | Treasury | Treasury | 1,101,873 | 0.02\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,604,026,750 | 35.67\% |
|  | Dealer Total |  | 4,496,320,163 | 100.00\% |

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## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF Collateral Report for Friday, February 27
Thomas Baxter, Terrence Checki, William Rutledge,
Michal Lementowski to: Christine Cumming, Susan McLaughlin, William
03/02/2009 01:56 PM
Walsh, Spence Hilton, Debby Perelmuter, Chris
Cc: NY Project 13

## RESTRICTED FR

Highlights for Friday, February 27

- Total PDCF borrowing on Friday was $\$ 23.56$ billion, a decrease of $\$ 1.68$ billion from the prior day.
- Citigroup remains the largest participant in the facility with $\$ 13.63$ billion of collateral provided against $\$ 12.60$ billion of borrowing. Citi's collateral is primarily composed of Convertible Bonds (18.7\%), Mutual Fund (17.3\%), Equities (17\%), MBS (13.4\%), Municipal Bonds (9.2\%), ABS (8.6\%), Corporate Bonds (6.5\%) and CDs-CP (4.2\%).
- Of the $\$ 27.09$ billion of total collateral provided by all participants, $38.3 \%$ are investment grade securities, $26.1 \%$ are non-investment grade securities, $12.7 \%$ are equities, $17 \%$ are securities with unknown ratings, and $5.9 \%$ are whole loans pledged through the Discount Window.

Michal Lementowski
Markets Group
Federal Reserve Bank of New York
Phone: 212-720-6618

# Primary Dealer Credit Facility Collateral Report 

For Friday, February 27, 2009

## Highlights

- Total PDCF borrowing on Friday was $\$ 23.56$ billion, a decrease of $\$ 1.68$ billion from the prior day.
- Citigroup remains the largest participant in the facility with $\$ 13.63$ billion of collateral provided against $\$ 12.60$ billion of borrowing. Citi's collateral is primarily composed of Convertible Bonds (18.7\%), Mutual Fund (17.32\%), Equities (17\%), MBS ( $13.4 \%$ ), Municipal Bonds ( $9.2 \%$ ), ABS ( $8.6 \%$ ), Corporate Bonds ( $6.5 \%$ ) and CDs-CP ( $4.2 \%$ ).
- Of the $\$ 27.09$ billion of total collateral provided by all participants, $38.3 \%$ are investment grade securities, $26.1 \%$ are noninvestment grade securities, $12.7 \%$ are equities, $17 \%$ are securities with unknown ratings, and $5.9 \%$ are whole loans pledged through the Discount Window.


## Overnight Borrowings - in billions

| Dealer | 02/27/2009 | 02/26/2009 | 02/25/2009 | 02/24/2009 | 02/23/2009 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Bank of America | 7.00 | 8.65 | 8.55 | 8.75 | 8.75 |
| Citigroup | 12.60 | 12.60 | 12.60 | 12.60 | 12.60 |
| Merrill Lynch | 1.30 | 1.30 | 1.30 | 1.30 | 1.30 |
| Mizuho | - | - | - | 0.02 | 0.01 |
| Morgan Stanley | 2.66 | 2.69 | 2.71 | 2.70 | 3.79 |
| Total Borrowings | 23.56 | 25.24 | 25.16 | 25.37 | 26.45 |
|  |  |  |  |  |  |
| Total Collateral | 27.09 | 28.88 | 28.81 | 29.03 | 30.16 |
| Collateral Cushion | 14.98\% | 14.42\% | 14.51\% | 14.43\% | 14.03\% |

* Includes additional commercial loans in a Borrower-In-Custody arrangement.


## PDCF Borrowing Trend



## Composition of Collateral Pledged for February 27 Borrowings - in millions

[^73]| Rating $^{1}$ | Bank of America | Citigroup | Merrill Lynch | Morgan Stanley ${ }^{2}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Treasury | - | 210.7 | - | - | 210.7 |
| Agency | 55.8 | 391.4 | - | 15.0 | 462.2 |
| AAA | $2,430.3$ | $2,106.2$ | 233.2 | $1,160.0$ | $5,929.7$ |
| AA | 61.4 | 186.1 | 26.4 | 426.8 | 700.8 |
| A | 167.3 | 354.9 | 77.7 | 471.6 | $1,071.5$ |
| BBB | 190.9 | 714.9 | 141.0 | 376.6 | $1,423.3$ |
| BB | 204.9 | $1,021.7$ | 530.5 | 39.0 | $1,796.0$ |
| B | 491.6 | $1,251.1$ | 111.4 | 16.4 | $1,870.5$ |
| CCC-C | $1,291.1$ | $1,559.9$ | 7.6 | 112.4 | $2,971.0$ |
| D | 303.0 | 112.4 | 0.4 | 19.9 | 435.7 |
| A-1 | - | 488.4 | - | - | 488.4 |
| A-2 | - | 82.0 | - | - | 82.0 |
| A-3 | - | - | - | - | - |
| NP | - | - | - | - | - |
| Equity | $1,009.6$ | $2,317.2$ | - | 119.8 | $3,446.6$ |
| Unkn Rtg (Triparty) | $\mathbf{1 , 3 7 2 . 1}$ | $2,837.1$ | $\mathbf{2 9 1 . 0}$ | 94.0 | $4,594.2$ |
| Unkn Rtg (non-Triparty) | - | - | - | $1,604.0$ | $1,604.0$ |
| Total Collateral | $\mathbf{- 1 , 5 7 8 . 0}$ | $\mathbf{1 3 , 6 3 4 . 0}$ | $\mathbf{1 , 4 1 9 . 2}$ | $\mathbf{4 , 4 5 5 . 4}$ | $\mathbf{2 7 , 0 8 6 . 7}$ |
| Total Borrowings | $\mathbf{7 , 0 0 0 . 0}$ | $\mathbf{1 2 , 6 0 0 . 0}$ | $\mathbf{1 , 3 0 0 . 0}$ | $\mathbf{2 , 6 6 4 . 4}$ | $\mathbf{2 3 , 5 6 4 . 4}$ |
| Collateral Cushion | $\mathbf{8 . 2 6 \%}$ | $\mathbf{8 . 2 1 \%}$ | $\mathbf{9 . 1 7 \%}$ | $\mathbf{6 7 . 2 2 \%}$ | $\mathbf{1 4 . 9 5 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Page 5 of 19

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $210,744,698$ | $0.78 \%$ |
| Agency | $462,173,135$ | $1.71 \%$ |
| AAA | $5,929,745,782$ | $21.89 \%$ |
| AA | $700,769,485$ | $2.59 \%$ |
| A | $1,071,537,016$ | $3.96 \%$ |
| BBB | $1,423,343,126$ | $5.25 \%$ |
| BB | $1,795,991,422$ | $6.63 \%$ |
| B | $1,870,471,376$ | $6.91 \%$ |
| CCC-C | $2,971,036,371$ | $10.97 \%$ |
| D | $435,656,229$ | $1.61 \%$ |
| A-1 | $488,396,755$ | $1.80 \%$ |
| A-2 | $81,965,450$ | $0.30 \%$ |
| Equity | $4,446,620,532$ | $12.72 \%$ |
| Unkn Rtg (Triparty) | $1,594,217,771$ | $16.96 \%$ |
| Unkn Rtg (non-Triparty) | $27,086,026,750$ | $5.92 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,447,254,148$ | $9.03 \%$ |
| Agency Debt | $461,966,413$ | $1.71 \%$ |
| CDs-CP-BAs | $570,387,479$ | $2.11 \%$ |
| CMBS | $73,644,054$ | $0.27 \%$ |
| Convertible Bonds-Domestic | $3,047,653,675$ | $11.25 \%$ |
| Convertible Bonds-Foreign | $555,335,966$ | $2.05 \%$ |
| Corporates-Domestic | $2,024,056,549$ | $7.47 \%$ |
| Corporates-Foreign | $421,790,246$ | $1.56 \%$ |
| Equity-Domestic | $2,814,228,374$ | $10.39 \%$ |
| Equity-Foreign | $632,392,158$ | $2.33 \%$ |
| Foreign Sovereigns-Domestic | $351,525,217$ | $1.30 \%$ |
| Foreign Sovereigns-Foreign | $18,902,106$ | $0.07 \%$ |
| MBS - Agency - CMO | 206,722 | $0.00 \%$ |
| MBS - Private (CMO) | $3,406,908,403$ | $12.58 \%$ |
| Muni | $2,916,128,612$ | $10.77 \%$ |
| Mutual Fund | $5,528,935,152$ | $20.41 \%$ |
| Supranational | 609,177 | $0.00 \%$ |
| Treasury | $210,744,698$ | $0.78 \%$ |
| Whole Loans - DW | $1,604,026,750$ | $5.92 \%$ |
| Total | $27,086,695,898$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 61,440,823 | 0.81\% |
|  |  | A | 6,585,777 | 0.09\% |
|  |  | BBB | 43,742,888 | 0.58\% |
|  |  | BB | 82,012,137 | 1.08\% |
|  |  | B | 110,497,280 | 1.46\% |
|  |  | CCC-C | 260,468,785 | 3.44\% |
|  |  | D | 77,312,808 | 1.02\% |
|  |  | Unkn Rtg (Triparty) | 185,571,529 | 2.45\% |
|  | Agency Debt | Agency | 55,831,650 | 0.74\% |
|  | Convertible Bonds-Domestic | A | 160,678,664 | 2.12\% |
|  |  | BBB | 146,848,463 | 1.94\% |
|  |  | BB | 85,827,369 | 1.13\% |
|  |  | B | 9,334,699 | 0.12\% |
|  |  | CCC-C | 29,539,055 | 0.39\% |
|  |  | Unkn Rtg (Triparty) | 604,881,704 | 7.98\% |
|  | Corporates-Domestic | B | 52,903,438 | 0.70\% |
|  |  | CCC-C | 99,331,029 | 1.31\% |
|  |  | D | 176,331,261 | 2.33\% |
|  |  | Unkn Rtg (Triparty) | 451,255,239 | 5.95\% |
|  | Equity-Domestic | Equity | 1,009,598,127 | 13.32\% |
|  | MBS - Private (CMO) | AAA | 21,861,000 | 0.29\% |
|  |  | BBB | 291,150 | 0.00\% |
|  |  | BB | 37,018,400 | 0.49\% |
|  |  | B | 318,856,073 | 4.21\% |
|  |  | CCC-C | 901,797,258 | 11.90\% |
|  |  | D | 49,319,218 | 0.65\% |
|  |  | Unkn Rtg (Triparty) | 22,112,612 | 0.29\% |
|  | Muni | Unkn Rtg (Triparty) | 24,066,751 | 0.32\% |
|  | Mutual Fund | AAA | 2,408,450,000 | 31.78\% |
|  |  | Unkn Rtg (Triparty) | 84,200,000 | 1.11\% |
|  | Treasury | Treasury | 14,633 | 0.00\% |
|  | Dealer Total |  | 7,577,979,818 | 100.00\% |
| Citigroup | ABS | AAA | 29,114,076 | 0.21\% |
|  |  | AA | 3,942,819 | 0.03\% |
|  |  | A | 44,204,996 | 0.32\% |
|  |  | BBB | 196,009,486 | 1.44\% |
|  |  | BB | 164,146,266 | 1.20\% |
|  |  | B | 334,918,677 | 2.46\% |
|  |  | CCC-C | 196,568,740 | 1.44\% |
|  |  | D | 56,630,138 | 0.42\% |
|  |  | Unkn Rtg (Triparty) | 151,675,438 | 1.11\% |
|  | Agency Debt | Agency | 391,388,962 | 2.87\% |
|  | CDs-CP-BAs | A-1 | Page 10 488, 3896,755 | 3.58\% |
|  |  | A-2 | 81,965,450 | 0.60\% |
|  | CMBS | Unkn Rtg (Triparty) | 73,644,054 | 0.54\% |
|  | Convertible Bonds-Domestic | A | 41,411,385 | 0.30\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | Unkn Rtg (Triparty) | 942,210,740 | 6.91\% |
|  | Convertible Bonds-Foreign | A | 36,405,340 | 0.27\% |
|  |  | BB | 3,463,965 | 0.03\% |
|  |  | B | 30,387,653 | 0.22\% |
|  |  | Unkn Rtg (Triparty) | 485,079,008 | 3.56\% |
|  | Corporates-Domestic | A | 38,917,996 | 0.29\% |
|  |  | BBB | 62,270,207 | 0.46\% |
|  |  | BB | 265,923,749 | 1.95\% |
|  |  | B | 46,964,504 | 0.34\% |
|  |  | CCC-C | 74,842,071 | 0.55\% |
|  |  | D | 1,300,913 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 297,658,503 | 2.18\% |
|  | Corporates-Foreign | A | 8,656,060 | 0.06\% |
|  |  | BBB | 1,182,400 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 91,196,095 | 0.67\% |
|  | Equity-Domestic | Equity | 1,684,816,446 | 12.36\% |
|  | Equity-Foreign | Equity | 632,392,158 | 4.64\% |
|  | MBS - Private (CMO) | AAA | 13,459,962 | 0.10\% |
|  |  | AA | 9,262,464 | 0.07\% |
|  |  | A | 42,576,697 | 0.31\% |
|  |  | BBB | 17,108,043 | 0.13\% |
|  |  | BB | 241,082,872 | 1.77\% |
|  |  | B | 510,241,060 | 3.74\% |
|  |  | CCC-C | 861,306,112 | 6.32\% |
|  |  | D | 22,787,800 | 0.17\% |
|  |  | Unkn Rtg (Triparty) | 113,636,135 | 0.83\% |
|  | Muni | AAA | 181,688,099 | 1.33\% |
|  |  | AA | 172,873,330 | 1.27\% |
|  |  | A | 142,757,546 | 1.05\% |
|  |  | BBB | 211,305,477 | 1.55\% |
|  |  | BB | 99,995,637 | 0.73\% |
|  |  | B | 82,891,518 | 0.61\% |
|  |  | CCC-C | 150,674,636 | 1.11\% |
|  |  | D | 14,470,410 | 0.11\% |
|  |  | Unkn Rtg (Triparty) | 202,127,953 | 1.48\% |
|  | Mutual Fund | AAA | 1,881,650,000 | 13.80\% |
|  |  | Unkn Rtg (Triparty) | 479,910,152 | 3.52\% |
|  | Supranational | AAA | 286,260 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 8,414 | 0.00\% |
|  | Treasury | Treasury | 210,730,065 | 1.55\% |
|  | Dealer Total |  | 13,634,044,836 | 100.00\% |
| Merrill Lynch | ABS | AAA | 30,058,735 | 2.12\% |
|  |  | AA | 25,398,561 | 1.79\% |
|  |  | A | 38,666,425 | 2.72\% |
|  |  | BBB Page | of 197,900,432 | 2.67\% |
|  |  | BB | 25,793,844 | 1.82\% |
|  |  | B | 7,129,593 | 0.50\% |
|  |  | Unkn Rtg (Triparty) | 43,257,178 | 3.05\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Domestic (con't) | BBB | 35,746,429 | 2.52\% |
|  |  | BB | 25,286,302 | 1.78\% |
|  |  | B | 23,395,031 | 1.65\% |
|  |  | CCC-C | 1,263,167 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 190,042,694 | 13.39\% |
|  | Corporates-Foreign | AAA | 1,463,222 | 0.10\% |
|  |  | AA | 287,604 | 0.02\% |
|  |  | A | 7,401,301 | 0.52\% |
|  |  | BBB | 55,215,492 | 3.89\% |
|  |  | BB | 193,469,541 | 13.63\% |
|  |  | B | 4,090,725 | 0.29\% |
|  |  | CCC-C | 4,139,527 | 0.29\% |
|  |  | D | 439,159 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 54,249,120 | 3.82\% |
|  | Foreign Sovereigns-Domestic | AAA | 859,639 | 0.06\% |
|  |  | BB | 278,860,526 | 19.65\% |
|  |  | B | 68,264,113 | 4.81\% |
|  |  | CCC-C | 539,766 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 3,001,174 | 0.21\% |
|  | Foreign Sovereigns-Foreign | BBB | 4,981,545 | 0.35\% |
|  |  | BB | 6,601,060 | 0.47\% |
|  |  | B | 7,319,501 | 0.52\% |
|  | MBS - Private (CMO) | AAA | 200,530,603 | 14.13\% |
|  |  | A | 1,172,741 | 0.08\% |
|  |  | BBB | 7,112,583 | 0.50\% |
|  |  | BB | 444,986 | 0.03\% |
|  |  | CCC-C | 1,651,466 | 0.12\% |
|  | Muni | B | 1,177,576 | 0.08\% |
|  | Supranational | AAA | 314,502 | 0.02\% |
|  | Dealer Total |  | 1,419,224,028 | 100.00\% |
| Morgan Stanley | ABS | AAA | 155,429,175 | 3.49\% |
|  |  | AA | 58,579,182 | 1.31\% |
|  |  | A | 3,931,240 | 0.09\% |
|  |  | BBB | 9,755,487 | 0.22\% |
|  |  | BB | 121,397 | 0.00\% |
|  |  | B | 3,089,752 | 0.07\% |
|  |  | CCC-C | 2,874,483 | 0.06\% |
|  |  | D | 687 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 425,317 | 0.01\% |
|  | Agency Debt | Agency | 14,745,801 | 0.33\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 25,274 | 0.00\% |
|  | Convertible Bonds-Domestic | AA | 79,625 | 0.00\% |
|  |  | A | 2,487,910 | 0.06\% |
|  |  | BBB | 3,341,384 | 0.07\% |
|  |  | BB | 2,091,738 | 0.05\% |
|  |  | B | 678,311 | 0.02\% |
|  |  | CCC-C | Page 160 \$94¢885 | 0.03\% |
|  |  | D | 6,296 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 2,841,825 | 0.06\% |
|  | Corporates-Domestic | AAA | 7,701,071 | 0.17\% |
|  |  | AA | 4,113,071 | 0.09\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Corporates-Domestic (con't) | A | 22,317,375 | 0.50\% |
|  |  | BBB | 26,469,611 | 0.59\% |
|  |  | BB | 19,240,441 | 0.43\% |
|  |  | B | 10,537,472 | 0.24\% |
|  |  | CCC-C | 21,524,357 | 0.48\% |
|  |  | D | 19,845,375 | 0.45\% |
|  |  | Unkn Rtg (Triparty) | 17,647,756 | 0.40\% |
|  | Equity-Domestic | Equity | 119,813,800 | 2.69\% |
|  | MBS - Agency - CMO | Agency | 206,722 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 7,078,425 | 0.16\% |
|  |  | AA | 169,223 | 0.00\% |
|  |  | A | 286,287 | 0.01\% |
|  |  | BBB | 1,809,621 | 0.04\% |
|  |  | BB | 602,839 | 0.01\% |
|  |  | B | 1,442,133 | 0.03\% |
|  |  | CCC-C | 1,209,764 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 680,877 | 0.02\% |
|  | Muni | AAA | 339,001,014 | 7.61\% |
|  |  | AA | 363,880,905 | 8.17\% |
|  |  | A | 442,593,666 | 9.93\% |
|  |  | BBB | 335,222,488 | 7.52\% |
|  |  | BB | 16,906,674 | 0.38\% |
|  |  | B | 624,394 | 0.01\% |
|  |  | CCC-C | 85,437,982 | 1.92\% |
|  |  | D | 16,002 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 48,416,556 | 1.09\% |
|  | Mutual Fund | AAA | 650,800,000 | 14.61\% |
|  |  | Unkn Rtg (Triparty) | 23,925,000 | 0.54\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,604,026,750 | 36.00\% |
|  | Dealer Total |  | 4,455,447,216 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

## RESTRICTED FR

Highlights for Monday, March 2

- Total PDCF borrowing on Monday was $\$ 23.55$ billion, a decrease of $\$ 0.01$ billion from the prior day.
- Citigroup remains the largest user, borrowing $\$ 12.60$ billion against $\$ 13.64$ billion of collateral. Of Citigroup's collateral, $33.3 \%$ are investment grade, $29.2 \%$ are non-investment grade, $17.2 \%$ are equities, and $20.4 \%$ are securities with unknown ratings.
- Total PDCF collateral consists primarily of Mutual Funds (19.5\%), Equities (13.7\%), Convertible Bonds (13.3\%), Private Label CMOs (12.3\%), Municipal Bonds (10.7\%), Corporate Bonds (9.7\%), and ABS (8.7\%). Approximately $6 \%$ of the collateral provided is foreign denominated securities.

Michal Lementowski
Markets Group
Federal Reserve Bank of New York
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## Primary Dealer Credit Facility Collateral Report

For Monday, March 02, 2009

## Highlights

- Total PDCF borrowing on Monday was $\$ 23.55$ billion, a decrease of $\$ 0.01$ billion from the prior day.
- Citigroup remains the largest user, borrowing $\$ 12.60$ billion against $\$ 13.64$ billion of collateral. Of Citigroup's collateral, $33.3 \%$ are investment grade, $29.2 \%$ are non-investment grade, $17.2 \%$ are equities, and $20.4 \%$ are securities with unknown ratings.
- Total PDCF collateral consists primarily of Mutual Funds (19.5\%), Equities (13.7\%), Convertible Bonds (13.3\%), Private Label CMOs (12.3\%), Municipal Bonds (10.7\%), Corporate Bonds (9.7\%), and ABS (8.7\%). Approximately 6\% of the collateral provided is foreign denominated securities.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 3 / 0 2 / 2 0 0 9}$ | $\mathbf{0 2 / 2 7 / 2 0 0 9}$ | $\mathbf{0 2 / 2 6 / 2 0 0 9}$ | $\mathbf{0 2 / 2 5 / 2 0 0 9}$ | $\mathbf{0 2 / 2 4 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 7.00 | 7.00 | 8.65 | 8.55 | 8.75 |
| Citigroup | 12.60 | 12.60 | 12.60 | 12.60 | 12.60 |
| Merrill Lynch | 1.30 | 1.30 | 1.30 | 1.30 | 1.30 |
| Mizuho | - | - | - | - | 0.02 |
| Morgan Stanley | 2.65 | 2.66 | 2.69 | 2.71 | 2.70 |
| Total Borrowings | $\mathbf{2 3 . 5 5}$ | $\mathbf{2 3 . 5 6}$ | $\mathbf{2 5 . 2 4}$ | $\mathbf{2 5 . 1 6}$ | $\mathbf{2 5 . 3 7}$ |
|  |  |  |  |  |  |
| Total Collateral* | $\mathbf{2 7 . 0 8}$ | $\mathbf{2 7 . 0 9}$ | $\mathbf{2 8 . 8 8}$ | $\mathbf{2 8 . 8 1}$ | $\mathbf{2 9 . 0 3}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{1 4 . 9 9 \%}$ | $\mathbf{1 4 . 9 8 \%}$ | $\mathbf{1 4 . 4 2 \%}$ | $\mathbf{1 4 . 5 1 \%}$ | $\mathbf{1 4 . 4 3 \%}$ |

* Includes additional commercial loans in a Borrower-In-Custody arrangement.

PDCF Borrowing Trend


## Composition of Collateral Pledged for March 02 Borrowings - in millions

[^74]|  | Bank of America | Citigroup | Merrill Lynch | Morgan Stanley $^{2}$ | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Treasury | - | 134.4 | - | - | 134.5 |
| Agency | 55.9 | 400.2 | - | 14.1 | 470.2 |
| AAA | $2,147.8$ | $2,108.6$ | 232.1 | $1,162.0$ | $5,650.6$ |
| AA | 61.4 | 212.8 | 27.6 | 429.3 | 731.1 |
| A | 169.6 | 374.9 | 77.8 | 460.6 | $1,082.9$ |
| BBB | 196.1 | 732.1 | 130.6 | 372.0 | $1,430.9$ |
| BB | 204.6 | $1,065.9$ | 545.2 | 37.6 | $1,853.3$ |
| B | 461.2 | $1,230.6$ | 109.0 | 16.4 | $1,817.2$ |
| CCC-C | $1,244.1$ | $1,566.1$ | 7.0 | 110.1 | $2,927.3$ |
| D | 444.3 | 113.1 | 0.4 | 20.1 | 577.8 |
| A-1 | - | 487.1 | - | - | 487.1 |
| A-2 | - | 87.2 | - | - | 87.2 |
| A-3 | - | - | - | - | - |
| NP | - | - | - | - | - |
| Equity | $1,260.7$ | $2,339.1$ | - | 119.8 | $3,719.7$ |
| Unkn Rtg (Triparty) | $\mathbf{1 , 3 4 3 . 4}$ | $2,783.6$ | $\mathbf{2 8 8 . 6}$ | 94.5 | $\mathbf{4 , 5 1 0 . 1}$ |
| Unkn Rtg (non-Triparty) | - | - | - | $1,604.0$ | $\mathbf{1 , 6 0 4 . 0}$ |
| Total Collateral | $\mathbf{7 , 5 8 9 . 2}$ | $\mathbf{1 3 , 6 3 5 . 7}$ | $\mathbf{1 , 4 1 8 . 4}$ | $\mathbf{4 , 4 4 0 . 5}$ | $\mathbf{2 7 , 0 8 3 . 8}$ |
| Total Borrowings | $\mathbf{7 , 0 0 0 . 0}$ | $\mathbf{1 2 , 6 0 0 . 0}$ | $\mathbf{1 , 3 0 0 . 0}$ | $\mathbf{2 , 6 5 0 . 5}$ | $\mathbf{2 3 , 5 5 0 . 5}$ |
| Collateral Cushion | $\mathbf{8 . 4 2 \%}$ | $\mathbf{8 . 2 2 \%}$ | $\mathbf{9 . 1 1 \%}$ | $\mathbf{6 7 . 5 4 \%}$ | $\mathbf{1 5 . 0 0 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $134,450,054$ | $0.50 \%$ |
| Agency | $470,190,100$ | $1.74 \%$ |
| AAA | $5,650,630,213$ | $20.86 \%$ |
| AA | $731,137,572$ | $2.70 \%$ |
| A | $1,082,850,382$ | $4.00 \%$ |
| BBB | $1,430,874,093$ | $5.28 \%$ |
| BB | $1,853,314,755$ | $6.84 \%$ |
| B | $1,817,201,734$ | $6.71 \%$ |
| CCC-C | $2,927,311,386$ | $10.81 \%$ |
| D | $577,838,454$ | $2.13 \%$ |
| A-1 | $487,081,506$ | $1.80 \%$ |
| A-2 | $8,719,621,724$ | $0.32 \%$ |
| Equity | $4,510,052,320$ | $13.73 \%$ |
| Unkn Rtg (Triparty) | $1,604,026,750$ | $16.65 \%$ |
| Unkn Rtg (non-Triparty) | $5.92 \%$ |  |
| Total | $27,083,842,042$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,355,324,567$ | $8.70 \%$ |
| Agency Debt | $470,067,880$ | $1.74 \%$ |
| CDs-CP-BAs | $580,926,076$ | $2.14 \%$ |
| CMBS | $91,863,789$ | $0.34 \%$ |
| Convertible Bonds-Domestic | $3,041,688,691$ | $11.23 \%$ |
| Convertible Bonds-Foreign | $572,294,212$ | $2.11 \%$ |
| Corporates-Domestic | $2,200,741,048$ | $8.13 \%$ |
| Corporates-Foreign | $417,297,356$ | $1.54 \%$ |
| Equity-Domestic | $3,096,363,913$ | $11.43 \%$ |
| Equity-Foreign | $623,296,407$ | $2.30 \%$ |
| Foreign Sovereigns-Domestic | $373,163,586$ | $1.38 \%$ |
| Foreign Sovereigns-Foreign | $18,830,337$ | $0.07 \%$ |
| MBS - Agency - CMO | 122,219 | $0.00 \%$ |
| MBS - Private (CMO) | $3,340,066,767$ | $12.33 \%$ |
| Muni | $2,890,601,788$ | $10.67 \%$ |
| Mutual Fund | $5,272,110,455$ | $19.47 \%$ |
| Supranational | 606,146 | $0.00 \%$ |
| Treasury | $134,450,054$ | $0.50 \%$ |
| Whole Loans - DW | $1,604,026,750$ | $5.92 \%$ |
| Total | $27,083,842,042$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 61,418,808 | 0.81\% |
|  |  | A | 6,581,114 | 0.09\% |
|  |  | BBB | 43,288,841 | 0.57\% |
|  |  | BB | 81,722,038 | 1.08\% |
|  |  | B | 85,367,684 | 1.12\% |
|  |  | CCC-C | 238,700,058 | 3.15\% |
|  |  | D | 61,770,447 | 0.81\% |
|  |  | Unkn Rtg (Triparty) | 170,541,904 | 2.25\% |
|  | Agency Debt | Agency | 55,896,085 | 0.74\% |
|  | Convertible Bonds-Domestic | A | 163,024,031 | 2.15\% |
|  |  | BBB | 152,538,126 | 2.01\% |
|  |  | BB | 85,936,498 | 1.13\% |
|  |  | B | 8,235,864 | 0.11\% |
|  |  | CCC-C | 23,144,135 | 0.30\% |
|  |  | Unkn Rtg (Triparty) | 579,079,032 | 7.63\% |
|  | Corporates-Domestic | B | 51,744,125 | 0.68\% |
|  |  | CCC-C | 96,766,883 | 1.28\% |
|  |  | D | 333,969,372 | 4.40\% |
|  |  | Unkn Rtg (Triparty) | 433,297,437 | 5.71\% |
|  | Equity-Domestic | Equity | 1,260,744,605 | 16.61\% |
|  | MBS - Private (CMO) | AAA | 21,913,838 | 0.29\% |
|  |  | BBB | 291,355 | 0.00\% |
|  |  | BB | 36,927,487 | 0.49\% |
|  |  | B | 315,874,332 | 4.16\% |
|  |  | CCC-C | 885,457,803 | 11.67\% |
|  |  | D | 48,549,349 | 0.64\% |
|  |  | Unkn Rtg (Triparty) | 22,041,087 | 0.29\% |
|  | Muni | Unkn Rtg (Triparty) | 24,065,471 | 0.32\% |
|  | Mutual Fund | AAA | 2,125,925,000 | 28.01\% |
|  |  | Unkn Rtg (Triparty) | 114,375,000 | 1.51\% |
|  | Treasury | Treasury | 14,631 | 0.00\% |
|  | Dealer Total |  | 7,589,202,438 | 100.00\% |
| Citigroup | ABS | AAA | 29,108,026 | 0.21\% |
|  |  | AA | 3,943,919 | 0.03\% |
|  |  | A | 44,179,376 | 0.32\% |
|  |  | BBB | 198,270,070 | 1.45\% |
|  |  | BB | 162,798,087 | 1.19\% |
|  |  | B | 336,142,844 | 2.47\% |
|  |  | CCC-C | 197,578,473 | 1.45\% |
|  |  | D | 57,756,044 | 0.42\% |
|  |  | Unkn Rtg (Triparty) | 151,834,232 | 1.11\% |
|  | Agency Debt | Agency | 400,194,180 | 2.93\% |
|  | CDs-CP-BAs | A-1 | Page 10487,081,506 | 3.57\% |
|  |  | A-2 | 87,221,724 | 0.64\% |
|  |  | Unkn Rtg (Triparty) | 6,597,750 | 0.05\% |
|  | CMBS | Unkn Rtg (Triparty) | 91,863,789 | 0.67\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | D | 17,234,050 | 0.13\% |
|  |  | Unkn Rtg (Triparty) | 955,184,424 | 7.01\% |
|  | Convertible Bonds-Foreign | A | 36,707,660 | 0.27\% |
|  |  | BB | 4,976,206 | 0.04\% |
|  |  | B | 43,881,990 | 0.32\% |
|  |  | Unkn Rtg (Triparty) | 486,728,356 | 3.57\% |
|  | Corporates-Domestic | A | 38,935,290 | 0.29\% |
|  |  | BBB | 77,561,784 | 0.57\% |
|  |  | BB | 313,414,171 | 2.30\% |
|  |  | B | 47,127,463 | 0.35\% |
|  |  | CCC-C | 75,430,915 | 0.55\% |
|  |  | D | 1,343,928 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 290,115,253 | 2.13\% |
|  | Corporates-Foreign | A | 8,627,851 | 0.06\% |
|  |  | BBB | 1,178,924 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 90,211,046 | 0.66\% |
|  | Equity-Domestic | Equity | 1,715,801,955 | 12.58\% |
|  | Equity-Foreign | Equity | 623,296,407 | 4.57\% |
|  | MBS - Private (CMO) | AAA | 6,982,166 | 0.05\% |
|  |  | AA | 9,253,327 | 0.07\% |
|  |  | A | 41,945,931 | 0.31\% |
|  |  | BBB | 17,104,669 | 0.13\% |
|  |  | BB | 238,730,833 | 1.75\% |
|  |  | B | 481,588,281 | 3.53\% |
|  |  | CCC-C | 853,697,572 | 6.26\% |
|  |  | D | 21,738,974 | 0.16\% |
|  |  | Unkn Rtg (Triparty) | 113,462,456 | 0.83\% |
|  | Muni | AAA | 193,988,418 | 1.42\% |
|  |  | AA | 199,593,296 | 1.46\% |
|  |  | A | 163,048,301 | 1.20\% |
|  |  | BBB | 210,472,420 | 1.54\% |
|  |  | BB | 101,356,786 | 0.74\% |
|  |  | B | 82,075,469 | 0.60\% |
|  |  | CCC-C | 150,815,007 | 1.11\% |
|  |  | D | 14,977,028 | 0.11\% |
|  |  | Unkn Rtg (Triparty) | 118,877,327 | 0.87\% |
|  | Mutual Fund | AAA | 1,878,275,000 | 13.77\% |
|  |  | Unkn Rtg (Triparty) | 478,685,455 | 3.51\% |
|  | Supranational | AAA | 285,913 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 8,434 | 0.00\% |
|  | Treasury | Treasury | 134,435,423 | 0.99\% |
|  | Dealer Total |  | 13,635,680,268 | 100.00\% |
| Merrill Lynch | ABS | AAA | 29,972,411 | 2.11\% |
|  |  | AA | 25,342,027 | 1.79\% |
|  |  | A | of 198,579,295 | 2.72\% |
|  |  | BBB | 27,736,705 | 1.96\% |
|  |  | BB | 20,336,069 | 1.43\% |
|  |  | B | 7,116,839 | 0.50\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Domestic (con't) | A | 30,672,450 | 2.16\% |
|  |  | BBB | 35,808,271 | 2.52\% |
|  |  | BB | 25,071,780 | 1.77\% |
|  |  | B | 21,381,781 | 1.51\% |
|  |  | CCC-C | 1,332,681 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 190,089,788 | 13.40\% |
|  | Corporates-Foreign | AAA | 1,443,475 | 0.10\% |
|  |  | AA | 289,865 | 0.02\% |
|  |  | A | 7,349,749 | 0.52\% |
|  |  | BBB | 55,044,980 | 3.88\% |
|  |  | BB | 192,044,345 | 13.54\% |
|  |  | B | 4,010,952 | 0.28\% |
|  |  | CCC-C | 3,116,714 | 0.22\% |
|  |  | D | 432,513 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 53,546,942 | 3.78\% |
|  | Foreign Sovereigns-Domestic | AAA | 859,750 | 0.06\% |
|  |  | BB | 300,776,130 | 21.20\% |
|  |  | B | 67,995,059 | 4.79\% |
|  |  | CCC-C | 527,563 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 3,005,084 | 0.21\% |
|  | Foreign Sovereigns-Foreign | BBB | 4,967,053 | 0.35\% |
|  |  | BB | 6,573,161 | 0.46\% |
|  |  | B | 7,290,123 | 0.51\% |
|  | MBS - Private (CMO) | AAA | 199,529,656 | 14.07\% |
|  |  | AA | 1,264,709 | 0.09\% |
|  |  | A | 1,170,681 | 0.08\% |
|  |  | BBB | 7,090,364 | 0.50\% |
|  |  | BB | 444,160 | 0.03\% |
|  |  | CCC-C | 2,069,102 | 0.15\% |
|  | Muni | B | 1,177,447 | 0.08\% |
|  | Supranational | AAA | 311,799 | 0.02\% |
|  | Dealer Total |  | 1,418,441,851 | 100.00\% |
| Morgan Stanley | ABS | AAA | 155,001,737 | 3.49\% |
|  |  | AA | 58,579,182 | 1.32\% |
|  |  | A | 3,933,864 | 0.09\% |
|  |  | BBB | 9,756,139 | 0.22\% |
|  |  | BB | 121,930 | 0.00\% |
|  |  | B | 3,089,752 | 0.07\% |
|  |  | CCC-C | 2,874,703 | 0.06\% |
|  |  | D | 688 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 423,437 | 0.01\% |
|  | Agency Debt | Agency | 13,977,615 | 0.31\% |
|  | CDs-CP-BAs | Unkn Rtg (Triparty) | 25,096 | 0.00\% |
|  | Convertible Bonds-Domestic | AA | 79,637 | 0.00\% |
|  |  | A | 4,280,476 | 0.10\% |
|  |  | BBB | 3,174,828 | 0.07\% |
|  |  | BB | Page 16 З\$5р943 | 0.05\% |
|  |  | B | 698,609 | 0.02\% |
|  |  | CCC-C | 1,435,032 | 0.03\% |
|  |  | D | 6,270 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 2,857,671 | 0.06\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Morgan Stanley (con't) | Corporates-Domestic | AAA | 6,597,201 | 0.15\% |
|  |  | AA | 3,333,960 | 0.08\% |
|  |  | A | 18,494,835 | 0.42\% |
|  |  | BBB | 22,621,153 | 0.51\% |
|  |  | BB | 17,292,533 | 0.39\% |
|  |  | B | 10,541,761 | 0.24\% |
|  |  | CCC-C | 19,147,946 | 0.43\% |
|  |  | D | 20,043,525 | 0.45\% |
|  |  | Unkn Rtg (Triparty) | 17,862,887 | 0.40\% |
|  | Equity-Domestic | Equity | 119,817,353 | 2.70\% |
|  | MBS - Agency - CMO | Agency | 122,219 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 7,226,268 | 0.16\% |
|  |  | AA | 168,793 | 0.00\% |
|  |  | A | 285,842 | 0.01\% |
|  |  | BBB | 1,812,848 | 0.04\% |
|  |  | BB | 601,824 | 0.01\% |
|  |  | B | 1,440,497 | 0.03\% |
|  |  | CCC-C | 1,220,842 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 181,723 | 0.00\% |
|  | Muni | AAA | 342,284,555 | 7.71\% |
|  |  | AA | 367,128,171 | 8.27\% |
|  |  | A | 433,609,361 | 9.76\% |
|  |  | BBB | 334,604,272 | 7.54\% |
|  |  | BB | 17,211,156 | 0.39\% |
|  |  | B | 624,487 | 0.01\% |
|  |  | CCC-C | 85,438,135 | 1.92\% |
|  |  | D | 16,268 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 49,238,415 | 1.11\% |
|  | Mutual Fund | AAA | 650,925,000 | 14.66\% |
|  |  | Unkn Rtg (Triparty) | 23,925,000 | 0.54\% |
|  | Whole Loans - DW | Unkn Rtg (non-Triparty) | 1,604,026,750 | 36.12\% |
|  | Dealer Total |  | 4,440,517,484 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Thursday , March 5
William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 03/06/2009 12:57 PM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Thursday, March 5

- Total PDCF borrowing on Thursday was at $\$ 19.88$ billion, a decrease of $\$ 3.68$ billion from the prior day. Morgan Stanley accounted for $\$ 2.66$ billion of the decline, as it did not participate in the facility on Thursday.
- Citigroup remains the largest participant in the facility providing $\$ 13.01$ billion of collateral against $\$ 12.08$ billion of borrowing. Citigroup's collateral consists primarily of mutual funds (18.8\%), convertible debt ( $18.3 \%$ ), and equities ( $16.3 \%$ ). This concentration has been fairly stable since the beginning of the week.
- Of the $\$ 21.55$ billion of collateral provided by all participants, $33.2 \%$ are investment grade securities, $31.5 \%$ are non-investment grade securities, $14.7 \%$ are equities, and $20.6 \%$ are securities with unknown ratings. Since Morgan Stanley did not participate on Thursday, there is no collateral pledged toward PDCF borrowing through the Discount Window.


PDCF Charts and Tables - 20090305 .doc
Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Thursday, March 05, 2009

## Highlights

- Total PDCF borrowing on Thursday was at $\$ 19.88$ billion, a decrease of $\$ 3.68$ billion from the prior day. Morgan Stanley accounted for $\$ 2.66$ billion of the decline, as it did not participate in the facility on Thursday.
- Citigroup remains the largest participant in the facility providing $\$ 13.01$ billion of collateral against $\$ 12.08$ billion of borrowing. Citigroup's collateral consists primarily of mutual funds (18.8\%), convertible debt ( $18.3 \%$ ), and equities ( $16.3 \%$ ). This concentration has been fairly stable since the beginning of the week.
- Of the $\$ 21.55$ billion of collateral provided by all participants, $33.2 \%$ are investment grade securities, $31.5 \%$ are noninvestment grade securities, $14.7 \%$ are equities, and $20.6 \%$ are securities with unknown ratings. Since Morgan Stanley did not participate on Thursday, there is no collateral pledged toward PDCF borrowing through the Discount Window.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 3 / 0 5 / 2 0 0 9}$ | $\mathbf{0 3 / 0 4 / 2 0 0 9}$ | $\mathbf{0 3 / 0 3 / 2 0 0 9}$ | $\mathbf{0 3 / 0 2 / 2 0 0 9}$ | $\mathbf{0 2 / 2 7 / 2 0 0 9}$ |
| :--- | :---: | ---: | ---: | ---: | ---: |
| Bank of America | 6.50 | 7.00 | 7.00 | 7.00 | 7.00 |
| Citigroup | 12.08 | 12.60 | 12.60 | 12.60 | 12.60 |
| Merrill Lynch | 1.30 | 1.30 | 1.30 | 1.30 | 1.30 |
| Morgan Stanley | - | 2.66 | 2.65 | 2.65 | 2.66 |
| Total Borrowings | $\mathbf{1 9 . 8 8}$ | $\mathbf{2 3 . 5 6}$ | $\mathbf{2 3 . 5 5}$ | $\mathbf{2 3 . 5 5}$ | $\mathbf{2 3 . 5 6}$ |
|  |  |  |  |  |  |
| Total Collateral $^{*}$ | $\mathbf{2 1 . 5 5}$ | $\mathbf{2 7 . 0 9}$ | $\mathbf{2 7 . 0 7}$ | $\mathbf{2 7 . 0 8}$ | $\mathbf{2 7 . 0 9}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 4 0 \%}$ | $\mathbf{1 4 . 9 8 \%}$ | $\mathbf{1 4 . 9 5 \%}$ | $\mathbf{1 4 . 9 9 \%}$ | $\mathbf{1 4 . 9 8 \%}$ |

[^75]PDCF Borrowing Trend


## Composition of Collateral Pledged for March 05 Borrowings - in millions

[^76]| Rating $^{1}$ | Bank of America | Citigroup | Merrill Lynch | Total |
| :--- | ---: | ---: | ---: | ---: |
| Treasury | - | - | - | - |
| Agency | 56.1 | 325.9 | - | 382.0 |
| AAA | $2,552.0$ | $2,285.5$ | 230.1 | $5,067.5$ |
| AA | 110.5 | 177.5 | 27.5 | 315.5 |
| A | 11.8 | 375.0 | 76.1 | 462.8 |
| BBB | 43.7 | 364.6 | 123.0 | 531.3 |
| BB | 112.8 | 934.7 | 593.2 | $1,640.8$ |
| B | 416.2 | $1,414.8$ | 76.2 | $1,907.3$ |
| CCC-C | $1,135.6$ | $1,570.0$ | 5.2 | $2,710.8$ |
| D | 409.9 | 118.7 | 0.4 | 529.0 |
| A-1 | - | 359.2 | - | 359.2 |
| A-2 | - | 43.1 | - | 43.1 |
| A-3 | - | - | - | - |
| NP | - | - | - | - |
| Equity | $\mathbf{1 , 0 3 2 . 3}$ | $\mathbf{2 , 1 3 9 . 0}$ | - | $3,171.3$ |
| Unkn Rtg (Triparty) | $\mathbf{1 , 1 5 1 . 4}$ | $\mathbf{2 , 9 9 3 . 7}$ | $\mathbf{2 8 5 . 3}$ | $\mathbf{4 , 4 3 0 . 5}$ |
| Unkn Rtg (non-Triparty) | - | - | - | - |
| Total Collateral | $\mathbf{7 , 0 3 2 . 3}$ | $\mathbf{1 3 , 1 0 1 . 7}$ | $\mathbf{1 , 4 1 7 . 1}$ | $\mathbf{2 1 , 5 5 1 . 1}$ |
| Total Borrowings | $\mathbf{6 , 5 0 0 . 0}$ | $\mathbf{1 2 , 0 8 0 . 0}$ | $\mathbf{1 , 3 0 0 . 0}$ | $\mathbf{1 9 , 8 8 0 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 1 9 \%}$ | $\mathbf{8 . 4 6 \%}$ | $\mathbf{9 . 0 1 \%}$ | $\mathbf{8 . 4 1 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 14,634 | $0.00 \%$ |
| Agency | $381,981,754$ | $1.77 \%$ |
| AAA | $5,067,534,114$ | $23.51 \%$ |
| AA | $315,497,794$ | $1.46 \%$ |
| A | $462,810,982$ | $2.15 \%$ |
| BBB | $531,311,350$ | $2.47 \%$ |
| BB | $1,640,790,267$ | $7.61 \%$ |
| B | $1,907,275,011$ | $8.85 \%$ |
| CCC-C | $2,710,789,670$ | $12.58 \%$ |
| D | $529,015,651$ | $2.45 \%$ |
| A-1 | $359,232,083$ | $1.67 \%$ |
| A-2 | $43,072,555$ | $0.20 \%$ |
| Equity | $3,171,294,369$ | $14.72 \%$ |
| Unkn Rtg (Triparty) | $4,430,460,880$ | $20.56 \%$ |
| Total | $21,551,081,114$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,110,123,605$ | $9.79 \%$ |
| Agency Debt | $381,981,754$ | $1.77 \%$ |
| CDs-CP-BAs | $477,795,288$ | $2.22 \%$ |
| CMBS | $71,032,143$ | $0.33 \%$ |
| Convertible Bonds-Domestic | $2,187,649,887$ | $10.15 \%$ |
| Convertible Bonds-Foreign | $558,611,987$ | $2.59 \%$ |
| Corporates-Domestic | $2,025,983,645$ | $9.40 \%$ |
| Corporates-Foreign | $410,128,118$ | $1.90 \%$ |
| Equity-Domestic | $2,539,758,526$ | $11.78 \%$ |
| Equity-Foreign | $631,535,843$ | $2.93 \%$ |
| Foreign Sovereigns-Domestic | $409,432,410$ | $1.90 \%$ |
| Foreign Sovereigns-Foreign | $13,638,403$ | $0.06 \%$ |
| MBS - Private (CMO) | $3,306,589,509$ | $15.34 \%$ |
| Muni | $1,350,574,311$ | $6.27 \%$ |
| Mutual Fund | $5,075,920,649$ | $23.55 \%$ |
| Supranational | 310,403 | $0.00 \%$ |
| Treasury | 14,634 | $0.00 \%$ |
| Total | $21,551,081,114$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 61,468,415 | 0.87\% |
|  |  | A | 6,634,864 | 0.09\% |
|  |  | BBB | 43,429,479 | 0.62\% |
|  |  | BB | 75,959,423 | 1.08\% |
|  |  | B | 82,995,652 | 1.18\% |
|  |  | CCC-C | 211,615,403 | 3.01\% |
|  |  | D | 61,053,561 | 0.87\% |
|  |  | Unkn Rtg (Triparty) | 160,521,712 | 2.28\% |
|  | Agency Debt | Agency | 56,084,311 | 0.80\% |
|  | Convertible Bonds-Domestic | CCC-C | 1,492,624 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 352,633,983 | 5.01\% |
|  | Corporates-Domestic | B | 38,458,679 | 0.55\% |
|  |  | CCC-C | 87,125,001 | 1.24\% |
|  |  | D | 308,536,721 | 4.39\% |
|  |  | Unkn Rtg (Triparty) | 435,692,485 | 6.20\% |
|  | Equity-Domestic | Equity | 1,032,286,948 | 14.68\% |
|  | MBS - Private (CMO) | AAA | 21,812,757 | 0.31\% |
|  |  | BBB | 293,578 | 0.00\% |
|  |  | BB | 36,742,499 | 0.52\% |
|  |  | B | 294,763,100 | 4.19\% |
|  |  | CCC-C | 830,582,223 | 11.81\% |
|  |  | D | 40,345,396 | 0.57\% |
|  |  | Unkn Rtg (Triparty) | 21,840,585 | 0.31\% |
|  | Muni | AAA | 7,847,906 | 0.11\% |
|  |  | AA | 48,538,800 | 0.69\% |
|  |  | A | 5,124,267 | 0.07\% |
|  |  | BB | 100,000 | 0.00\% |
|  |  | CCC-C | 4,750,000 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 90,300,215 | 1.28\% |
|  | Mutual Fund | AAA | 2,522,325,000 | 35.87\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 90,425,000 | 1.29\% |
|  | Treasury | Treasury | 14,634 | 0.00\% |
|  | Dealer Total |  | 7,032,295,221 | 100.00\% |
| Citigroup | ABS | AAA | 46,916,781 | 0.36\% |
|  |  | AA | 4,042,698 | 0.03\% |
|  |  | A | 44,275,128 | 0.34\% |
|  |  | BBB | 108,289,037 | 0.83\% |
|  |  | BB | 170,191,330 | 1.30\% |
|  |  | B | 391,230,494 | 2.99\% |
|  |  | CCC-C | 170,927,218 | 1.30\% |
|  |  | D | 53,698,129 | 0.41\% |
|  |  | Unkn Rtg (Triparty) | Page 10 2039,008,026 | 1.82\% |
|  | Agency Debt | Agency | 325,897,443 | 2.49\% |
|  | CDs-CP-BAs | A-1 | 359,232,083 | 2.74\% |
|  |  | A-2 | 43,072,555 | 0.33\% |

## Collateral Composition by Dealer (continued)



## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Domestic | AA | 743,419 | 0.05\% |
|  |  | A | 29,439,382 | 2.08\% |
|  |  | BBB | 35,797,934 | 2.53\% |
|  |  | BB | 25,339,696 | 1.79\% |
|  |  | B | 21,391,419 | 1.51\% |
|  |  | Unkn Rtg (Triparty) | 191,241,331 | 13.50\% |
|  | Corporates-Foreign | AAA | 1,457,703 | 0.10\% |
|  |  | AA | 279,585 | 0.02\% |
|  |  | A | 7,211,210 | 0.51\% |
|  |  | BBB | 54,815,954 | 3.87\% |
|  |  | BB | 185,510,905 | 13.09\% |
|  |  | B | 809,874 | 0.06\% |
|  |  | CCC-C | 3,263,580 | 0.23\% |
|  |  | D | 427,809 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 49,239,098 | 3.47\% |
|  | Foreign Sovereigns-Domestic | AAA | 760,648 | 0.05\% |
|  |  | BB | 366,541,918 | 25.87\% |
|  |  | B | 38,553,987 | 2.72\% |
|  |  | CCC-C | 568,427 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 3,007,431 | 0.21\% |
|  | Foreign Sovereigns-Foreign | BB | 6,423,791 | 0.45\% |
|  |  | B | 7,214,612 | 0.51\% |
|  | MBS - Private (CMO) | AAA | 197,769,705 | 13.96\% |
|  |  | AA | 1,255,581 | 0.09\% |
|  |  | A | 1,163,938 | 0.08\% |
|  |  | BBB | 4,827,198 | 0.34\% |
|  |  | BB | 452,723 | 0.03\% |
|  |  | CCC-C | 1,375,829 | 0.10\% |
|  | Muni | B | 1,530,512 | 0.11\% |
|  | Supranational | AAA | 310,403 | 0.02\% |
|  | Dealer Total |  | 1,417,063,238 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Friday , March 6
William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 03/09/2009 10:24 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Friday, March 6

- Total PDCF borrowing on Thursday was at $\$ 19.90$ billion, an increase of $\$ 0.02$ billion from the prior day.
- Citigroup provided $\$ 13.12$ billion of collateral against $\$ 12.10$ billion of borrowing, for a cushion of $8.42 \%$. Of this collateral, $29.2 \%$ are investment grade securities, $31.7 \%$ are non-investment grade securities, $17.9 \%$ are equities, and $21.3 \%$ are securities with unknown ratings.
- Total PDCF collateral provided by all participants consisted primarily of mutual funds (23.5\%), mortgage backed securities (15.8\%), equities (15.6\%), and convertible debt ( $13.2 \%$ ).


## 龱

PDCF Chatts and Tables - 20090306.doc
Regards, Tony

Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Friday, March 06, 2009

## Highlights

- Total PDCF borrowing on Thursday was at $\$ 19.90$ billion, an increase of $\$ 0.02$ billion from the prior day.
- Citigroup provided $\$ 13.12$ billion of collateral against $\$ 12.10$ billion of borrowing, for a cushion of $8.42 \%$. Of this collateral, $29.2 \%$ are investment grade securities, $31.7 \%$ are non-investment grade securities, $17.9 \%$ are equities, and $21.3 \%$ are securities with unknown ratings.
- Total PDCF collateral provided by all participants consisted primarily of mutual funds ( $23.5 \%$ ), mortgage backed securities (15.8\%), equities ( $15.6 \%$ ), and convertible debt ( $13.2 \%$ ).

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 3 / 0 6 / 2 0 0 9}$ | $\mathbf{0 3 / 0 5 / 2 0 0 9}$ | $\mathbf{0 3 / 0 4 / 2 0 0 9}$ | $\mathbf{0 3 / 0 3 / 2 0 0 9}$ | $\mathbf{0 3 / 0 2 / 2 0 0 9}$ |
| :--- | :---: | ---: | ---: | ---: | ---: |
| Bank of America | 6.50 | 6.50 | 7.00 | 7.00 | 7.00 |
| Citigroup | 12.10 | 12.08 | 12.60 | 12.60 | 12.60 |
| Merrill Lynch | 1.30 | 1.30 | 1.30 | 1.30 | 1.30 |
| Morgan Stanley | - | - | 2.66 | 2.65 | 2.65 |
| Total Borrowings | $\mathbf{1 9 . 9 0}$ | $\mathbf{1 9 . 8 8}$ | $\mathbf{2 3 . 5 6}$ | $\mathbf{2 3 . 5 5}$ | $\mathbf{2 3 . 5 5}$ |
|  |  |  |  |  |  |
| Total Collateral $^{*}$ | $\mathbf{2 1 . 5 7}$ | $\mathbf{2 1 . 5 5}$ | $\mathbf{2 7 . 0 9}$ | $\mathbf{2 7 . 0 7}$ | $\mathbf{2 7 . 0 8}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 3 9 \%}$ | $\mathbf{8 . 4 0 \%}$ | $\mathbf{1 4 . 9 8 \%}$ | $\mathbf{1 4 . 9 5 \%}$ | $\mathbf{1 4 . 9 9 \%}$ |

[^77]PDCF Borrowing Trend


## Composition of Collateral Pledged for March 06 Borrowings - in millions

[^78]| Rating $^{1}$ | Bank of America | Citigroup | Merrill Lynch | Total |
| :--- | ---: | ---: | ---: | ---: |
| Treasury | - | - | - | - |
| Agency | 56.1 | 325.9 | - | 382.0 |
| AAA | $2,546.0$ | $2,281.5$ | 230.2 | $5,057.6$ |
| AA | 62.0 | 162.6 | 27.5 | 252.1 |
| A | 6.7 | 376.6 | 76.1 | 459.4 |
| BBB | 43.8 | 364.1 | 124.9 | 532.8 |
| BB | 114.0 | 959.2 | 591.2 | $1,664.4$ |
| B | 381.6 | $1,407.5$ | 76.5 | $1,865.6$ |
| CCC-C | $1,139.5$ | $1,438.2$ | 5.1 | $2,582.8$ |
| D | 439.5 | 354.1 | 0.4 | 793.9 |
| A-1 | - | 249.4 | - | 249.4 |
| A-2 | - | 63.8 | - | 63.8 |
| A-3 | - | - | - | - |
| NP | - | - | - | - |
| Equity | $\mathbf{1 , 0 2 8 . 5}$ | $2,344.3$ | - | $3,372.7$ |
| Unkn Rtg (Triparty) | $\mathbf{1 , 2 1 5 . 5}$ | $\mathbf{2 , 7 9 1 . 6}$ | $\mathbf{2 8 5 . 3}$ | $\mathbf{4 , 2 9 2 . 5}$ |
| Unkn Rtg (non-Triparty) | - | - | - | - |
| Total Collateral | $\mathbf{7 , 0 3 3 . 0}$ | $\mathbf{1 3 , 1 1 8 . 8}$ | $\mathbf{1 , 4 1 7 . 2}$ | $\mathbf{2 1 , 5 6 9 . 0}$ |
| Total Borrowings | $\mathbf{6 , 5 0 0 . 0}$ | $\mathbf{1 2 , 1 0 0 . 0}$ | $\mathbf{1 , 3 0 0 . 0}$ | $\mathbf{1 9 , 9 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 2 0 \%}$ | $\mathbf{8 . 4 2 \%}$ | $\mathbf{9 . 0 2 \%}$ | $\mathbf{8 . 3 9 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 16,636 | $0.00 \%$ |
| Agency | $381,987,104$ | $1.77 \%$ |
| AAA | $5,057,621,337$ | $23.45 \%$ |
| AA | $252,106,548$ | $1.17 \%$ |
| A | $459,367,199$ | $2.13 \%$ |
| BBB | $532,783,701$ | $2.47 \%$ |
| BB | $1,664,364,138$ | $7.72 \%$ |
| B | $1,865,639,013$ | $8.65 \%$ |
| CCC-C | $2,582,810,607$ | $11.97 \%$ |
| D | $793,915,180$ | $3.68 \%$ |
| A-1 | $249,416,928$ | $1.16 \%$ |
| A-2 | $63,829,250$ | $0.30 \%$ |
| Equity | $3,372,709,451$ | $15.64 \%$ |
| Unkn Rtg (Triparty) | $4,292,458,734$ | $19.90 \%$ |
| Total | $21,569,025,825$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,019,319,986$ | $9.36 \%$ |
| Agency Debt | $381,987,104$ | $1.77 \%$ |
| CDs-CP-BAs | $337,552,038$ | $1.56 \%$ |
| CMBS | $71,944,962$ | $0.33 \%$ |
| Convertible Bonds-Domestic | $2,299,054,213$ | $10.66 \%$ |
| Convertible Bonds-Foreign | $552,995,291$ | $2.56 \%$ |
| Corporates-Domestic | $1,990,233,288$ | $9.23 \%$ |
| Corporates-Foreign | $410,670,895$ | $1.90 \%$ |
| Equity-Domestic | $2,698,273,844$ | $12.51 \%$ |
| Equity-Foreign | $674,435,607$ | $3.13 \%$ |
| Foreign Sovereigns-Domestic | $406,795,510$ | $1.89 \%$ |
| Foreign Sovereigns-Foreign | $13,618,028$ | $0.06 \%$ |
| MBS - Private (CMO) | $3,417,085,409$ | $15.84 \%$ |
| Muni | $1,217,783,878$ | $5.65 \%$ |
| Mutual Fund | $5,076,947,427$ | $23.54 \%$ |
| Supranational | 311,708 | $0.00 \%$ |
| Treasury | 16,636 | $0.00 \%$ |
| Total | $21,569,025,825$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 61,483,996 | 0.87\% |
|  |  | A | 6,662,453 | 0.09\% |
|  |  | BBB | 43,483,674 | 0.62\% |
|  |  | BB | 77,090,426 | 1.10\% |
|  |  | B | 76,308,825 | 1.09\% |
|  |  | CCC-C | 221,851,495 | 3.15\% |
|  |  | D | 65,187,274 | 0.93\% |
|  |  | Unkn Rtg (Triparty) | 160,520,989 | 2.28\% |
|  | Agency Debt | Agency | 56,094,048 | 0.80\% |
|  | Convertible Bonds-Domestic | CCC-C | 1,470,590 | 0.02\% |
|  |  | D | 14,999,799 | 0.21\% |
|  |  | Unkn Rtg (Triparty) | 459,641,252 | 6.54\% |
|  | Corporates-Domestic | B | 10,363,176 | 0.15\% |
|  |  | CCC-C | 87,125,001 | 1.24\% |
|  |  | D | 318,840,890 | 4.53\% |
|  |  | Unkn Rtg (Triparty) | 439,639,276 | 6.25\% |
|  | Equity-Domestic | Equity | 1,028,451,544 | 14.62\% |
|  | MBS - Private (CMO) | AAA | 21,952,639 | 0.31\% |
|  |  | BBB | 294,713 | 0.00\% |
|  |  | BB | 36,769,353 | 0.52\% |
|  |  | B | 294,941,439 | 4.19\% |
|  |  | CCC-C | 829,036,796 | 11.79\% |
|  |  | D | 40,478,000 | 0.58\% |
|  |  | Unkn Rtg (Triparty) | 21,925,228 | 0.31\% |
|  | Muni | BB | 100,000 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 43,351,543 | 0.62\% |
|  | Mutual Fund | AAA | 2,524,000,000 | 35.89\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 90,425,000 | 1.29\% |
|  | Treasury | Treasury | 16,636 | 0.00\% |
|  | Dealer Total |  | 7,033,006,054 | 100.00\% |
| Citigroup | ABS | AAA | 46,916,119 | 0.36\% |
|  |  | AA | 4,042,969 | 0.03\% |
|  |  | A | 45,314,694 | 0.35\% |
|  |  | BBB | 108,349,048 | 0.83\% |
|  |  | BB | 165,711,545 | 1.26\% |
|  |  | B | 370,375,153 | 2.82\% |
|  |  | CCC-C | 182,755,183 | 1.39\% |
|  |  | D | 53,954,925 | 0.41\% |
|  |  | Unkn Rtg (Triparty) | 151,531,266 | 1.16\% |
|  | Agency Debt | Agency | 325,893,056 | 2.48\% |
|  | CDs-CP-BAs | A-1 | 249,416,928 | 1.90\% |
|  |  | A-2 | Page 10 063,6829,250 | 0.49\% |
|  |  | Unkn Rtg (Triparty) | 24,305,860 | 0.19\% |
|  | CMBS | Unkn Rtg (Triparty) | 71,944,962 | 0.55\% |
|  | Convertible Bonds-Domestic | A | 40,960,593 | 0.31\% |

## Collateral Composition by Dealer (continued)



## Collateral Composition by Dealer (continued)

| Dealer | Collateral |  | Rating | Dollar Value |
| :--- | :--- | :--- | ---: | ---: |
| Merrill Lynch (con't) | Corporates-Domestic (con't) | BB | $25,322,078$ | $1.79 \%$ |
|  |  | B | $21,416,666$ | $1.51 \%$ |
|  |  | Unkn Rtg (Triparty) | $191,263,124$ | $13.50 \%$ |
|  | Corporates-Foreign | AA | $1,432,115$ | $0.10 \%$ |
|  | A | 282,956 | $0.02 \%$ |  |
|  | BBB | $7,229,076$ | $0.51 \%$ |  |
|  | BB | $54,846,122$ | $3.87 \%$ |  |
|  | B | $184,628,841$ | $13.03 \%$ |  |
|  | CCC-C | $2,639,009$ | $0.19 \%$ |  |
|  | D | $3,176,961$ | $0.22 \%$ |  |
|  | Unkn Rtg (Triparty) | 356,346 | $0.03 \%$ |  |
|  |  | $49,225,777$ | $3.47 \%$ |  |
|  |  | 760,670 | $0.05 \%$ |  |
|  | BB | $365,415,222$ | $25.78 \%$ |  |
|  | B | $37,068,750$ | $2.62 \%$ |  |
|  | CCC-C | 542,656 | $0.04 \%$ |  |
|  | Unkn Rtg (Triparty) | $3,008,213$ | $0.21 \%$ |  |
|  | BB | $6,429,183$ | $0.45 \%$ |  |
|  | B | $7,188,845$ | $0.51 \%$ |  |
|  | AAA | $197,889,670$ | $13.96 \%$ |  |
|  | AA | $1,258,181$ | $0.09 \%$ |  |
|  | A | $1,166,067$ | $0.08 \%$ |  |
|  | Foreign Sovereigns-Foreign | $7,118,471$ | $0.50 \%$ |  |
|  | MBS - Private (CMO) | BB | 452,524 | $0.03 \%$ |
|  |  | CCC-C | $1,377,155$ | $0.10 \%$ |
|  | B | $1,529,966$ | $0.11 \%$ |  |
|  | AAA | 311,708 | $0.02 \%$ |  |
|  |  | $1,417,212,269$ | $100.00 \%$ |  |

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Monday, March 9
William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 03/10/2009 12:07 PM
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## RESTRICTED FR

Highlights for Monday, March 9

- Total PDCF borrowing on Monday was $\$ 19.90$ billion, unchanged from Friday.
- Citigroup is providing $\$ 13.09$ billion of collateral against $\$ 12.10$ billion of borrowing. This represents a collateral cushion of $8.16 \%$, a slight decrease from the prior day's cushion of $8.42 \%$. This appears to be due to a shift towards investment grade securities ( $29.2 \%$ to $32.3 \%$ ) and away from non-investment grade securities ( $31.7 \%$ to $30.7 \%$ ) and equities ( $17.9 \%$ to $15.7 \%$ ). Approximately half of the increase in investment grade securities was Treasuries.
- Bank of America currently has combined borrowing of $\$ 7.80$ billion through its US broker/dealer and its Merrill Lynch London broker/dealer. The $\$ 8.45$ billion of collateral provided consisted primarily of mutual funds ( $31 \%$ ), corporate debt (17.4\%), and mortgage backed securities (17.2\%).
- Total PDCF collateral provided by all participants consisted primarily of mutual funds (23.5\%), mortgage backed securities (14.8\%), equities (14.3\%), and convertible debt ( $13.2 \%$ ). These proportions remain relatively unchanged as compared to Friday.


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Regards,
Tony
Anthony Maglia
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Federal Reserve Bank of New York
212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Monday, March 09, 2009

## Highlights

- Total PDCF borrowing on Monday was $\$ 19.90$ billion, unchanged from Friday.
- Citigroup is providing $\$ 13.09$ billion of collateral against $\$ 12.10$ billion of borrowing. This represents a collateral cushion of $8.16 \%$, a slight decrease from the prior day's cushion of $8.42 \%$. This appears to be due to a shift towards investment grade securities ( $29.2 \%$ to $32.3 \%$ ) and away from non-investment grade securities ( $31.7 \%$ to $30.7 \%$ ) and equities $(17.9 \%$ to $15.7 \%$ ). Approximately half of the increase in investment grade securities was Treasuries.
- Bank of America currently has combined borrowing of $\$ 7.80$ billion through its US broker/dealer and its Merrill Lynch London broker/dealer. The $\$ 8.45$ billion of collateral provided consisted primarily of mutual funds (31\%), corporate debt (17.4\%), and mortgage backed securities (17.2\%).
- Total PDCF collateral provided by all participants consisted primarily of mutual funds ( $23.5 \%$ ), mortgage backed securities ( $14.8 \%$ ), equities ( $14.3 \%$ ), and convertible debt ( $13.2 \%$ ). These proportions remain relatively unchanged as compared to Friday.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 3 / 0 9 / 2 0 0 9}$ | $\mathbf{0 3 / 0 6 / 2 0 0 9}$ | $\mathbf{0 3 / 0 5 / 2 0 0 9}$ | $\mathbf{0 3 / 0 4 / 2 0 0 9}$ | $\mathbf{0 3 / 0 3 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 6.50 | 6.50 | 6.50 | 7.00 | 7.00 |
| Citigroup | 12.10 | 12.10 | 12.08 | 12.60 | 12.60 |
| Merrill Lynch | 1.30 | 1.30 | 1.30 | 1.30 | 1.30 |
| Morgan Stanley | - | - | - | 2.66 | 2.65 |
| Total Borrowings | $\mathbf{1 9 . 9 0}$ | $\mathbf{1 9 . 9 0}$ | $\mathbf{1 9 . 8 8}$ | $\mathbf{2 3 . 5 6}$ | $\mathbf{2 3 . 5 5}$ |


| Total Collateral | 21.53 | 21.57 | 21.55 | 27.09 | 27.07 |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Collateral Cushion | $8.19 \%$ | $8.39 \%$ | $8.40 \%$ | $14.98 \%$ | $14.95 \%$ |

[^79]PDCF Borrowing Trend


## Composition of Collateral Pledged for March 09 Borrowings - in millions

[^80]| Rating $^{\mathbf{1}}$ | Bank of America | Citigroup | Merrill Lynch | Total |
| :--- | ---: | ---: | ---: | ---: |
| Treasury | - | 223.1 | - | 223.1 |
| Agency | 56.0 | 375.8 | - | 431.8 |
| AAA | $2,547.9$ | $2,143.7$ | 231.2 | $4,922.8$ |
| AA | 62.0 | 161.0 | 10.4 | 233.3 |
| A | 6.7 | 379.0 | 45.4 | 431.1 |
| BBB | 43.8 | 542.7 | 118.2 | 704.7 |
| BB | 114.1 | 868.0 | 608.4 | $1,590.4$ |
| B | 385.2 | $1,460.9$ | 110.6 | $1,956.7$ |
| CCC-C | $1,123.8$ | $1,568.5$ | 4.3 | $2,696.5$ |
| D | 220.0 | 127.6 | 0.3 | 347.9 |
| A-1 | - | 364.8 | - | 364.8 |
| A-2 | - | 37.9 | - | 37.9 |
| A-3 | - | 4.4 | - | 4.4 |
| NP | - | - | - | - |
| Equity | $\mathbf{1 , 0 3 5 . 4}$ | $2,051.0$ | - | $3,086.4$ |
| Unkn Rtg (Triparty) | $\mathbf{1 , 4 3 7 . 1}$ | $2,779.3$ | 286.2 | $4,502.5$ |
| Unkn Rtg (non-Triparty) | - | - | - | - |
| Total Collateral | $\mathbf{7 , 0 3 2 . 0}$ | $\mathbf{1 3 , 0 8 7 . 6}$ | $\mathbf{1 , 4 1 5 . 0}$ | $\mathbf{2 1 , 5 3 4 . 6}$ |
| Total Borrowings | $\mathbf{6 , 5 0 0 . 0}$ | $\mathbf{1 2 , 1 0 0 . 0}$ | $\mathbf{1 , 3 0 0 . 0}$ | $\mathbf{1 9 , 9 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 1 8 \%}$ | $\mathbf{8 . 1 6 \%}$ | $\mathbf{8 . 8 5 \%}$ | $\mathbf{8 . 2 1 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $223,080,804$ | $1.04 \%$ |
| Agency | $431,817,810$ | $2.01 \%$ |
| AAA | $4,922,826,135$ | $22.86 \%$ |
| AA | $233,349,117$ | $1.08 \%$ |
| A | $431,094,718$ | $2.00 \%$ |
| BBB | $704,749,697$ | $3.27 \%$ |
| BB | $1,590,405,192$ | $7.39 \%$ |
| B | $1,956,702,543$ | $9.09 \%$ |
| CCC-C | $3,696,523,505$ | $12.52 \%$ |
| D | $364,931,973$ | $1.62 \%$ |
| A-1 | $37,913,088$ | $1.69 \%$ |
| A-2 | $4,408,542$ | $0.18 \%$ |
| A-3 | $3,086,448,783$ | $14.33 \%$ |
| Equity | $4,502,511,627$ | $20.91 \%$ |
| Unkn Rtg (Triparty) | $21,534,577,841$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $1,748,824,018$ | $8.12 \%$ |
| Agency Debt | $431,817,810$ | $2.01 \%$ |
| CDs-CP-BAs | $412,135,687$ | $1.91 \%$ |
| CMBS | $72,797,147$ | $0.34 \%$ |
| Convertible Bonds-Domestic | $2,251,163,001$ | $10.45 \%$ |
| Convertible Bonds-Foreign | $587,186,031$ | $2.73 \%$ |
| Corporates-Domestic | $2,379,536,987$ | $11.05 \%$ |
| Corporates-Foreign | $412,375,649$ | $1.91 \%$ |
| Equity-Domestic | $2,467,742,536$ | $11.46 \%$ |
| Equity-Foreign | $618,706,247$ | $2.87 \%$ |
| Foreign Sovereigns-Domestic | $463,824,274$ | $2.15 \%$ |
| Foreign Sovereigns-Foreign | $18,905,958$ | $0.09 \%$ |
| MBS - Private (CMO) | $3,189,843,879$ | $14.81 \%$ |
| Muni | $1,250,853,743$ | $5.81 \%$ |
| Mutual Fund | $5,003,315,220$ | $23.23 \%$ |
| Supranational | $2,468,851$ | $0.01 \%$ |
| Treasury | $223,080,804$ | $1.04 \%$ |
| Total | $21,534,577,841$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 61,501,511 | 0.87\% |
|  |  | A | 6,696,012 | 0.10\% |
|  |  | BBB | 43,501,992 | 0.62\% |
|  |  | BB | 77,170,497 | 1.10\% |
|  |  | B | 81,747,088 | 1.16\% |
|  |  | CCC-C | 210,357,804 | 2.99\% |
|  |  | D | 61,457,085 | 0.87\% |
|  |  | Unkn Rtg (Triparty) | 160,521,038 | 2.28\% |
|  | Agency Debt | Agency | 55,996,252 | 0.80\% |
|  | Convertible Bonds-Domestic | CCC-C | 1,460,771 | 0.02\% |
|  |  | D | 14,384,948 | 0.20\% |
|  |  | Unkn Rtg (Triparty) | 455,869,391 | 6.48\% |
|  | Corporates-Domestic | B | 12,638,552 | 0.18\% |
|  |  | CCC-C | 88,175,000 | 1.25\% |
|  |  | D | 102,779,619 | 1.46\% |
|  |  | Unkn Rtg (Triparty) | 660,444,070 | 9.39\% |
|  | Equity-Domestic | Equity | 1,035,441,846 | 14.72\% |
|  | MBS - Private (CMO) | AAA | 21,285,263 | 0.30\% |
|  |  | BBB | 295,832 | 0.00\% |
|  |  | BB | 36,785,983 | 0.52\% |
|  |  | B | 290,859,851 | 4.14\% |
|  |  | CCC-C | 823,763,957 | 11.71\% |
|  |  | D | 41,359,431 | 0.59\% |
|  |  | Unkn Rtg (Triparty) | 21,501,106 | 0.31\% |
|  | Muni | BB | 100,000 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 48,301,916 | 0.69\% |
|  | Mutual Fund | AAA | 2,526,625,000 | 35.93\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 90,425,000 | 1.29\% |
|  | Treasury | Treasury | 16,635 | 0.00\% |
|  | Dealer Total |  | 7,031,963,449 | 100.00\% |
| Citigroup | ABS | AAA | 46,951,126 | 0.36\% |
|  |  | AA | 4,043,781 | 0.03\% |
|  |  | A | 49,247,202 | 0.38\% |
|  |  | BBB | 71,744,459 | 0.55\% |
|  |  | BB | 136,137,399 | 1.04\% |
|  |  | B | 310,051,812 | 2.37\% |
|  |  | CCC-C | 143,042,775 | 1.09\% |
|  |  | D | 38,360,425 | 0.29\% |
|  |  | Unkn Rtg (Triparty) | 142,087,378 | 1.09\% |
|  | Agency Debt | Agency | 375,821,558 | 2.87\% |
|  | CDs-CP-BAs | A-1 | 364,814,088 | 2.79\% |
|  |  | A-2 | Page 10 037,9693,307 | 0.29\% |
|  |  | A-3 | 4,408,542 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 4,999,750 | 0.04\% |
|  | CMBS | Unkn Rtg (Triparty) | 72,797,147 | 0.56\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | D | 17,287,091 | 0.13\% |
|  |  | Unkn Rtg (Triparty) | 912,113,289 | 6.97\% |
|  | Convertible Bonds-Foreign | A | 40,176,380 | 0.31\% |
|  |  | BB | 6,875,581 | 0.05\% |
|  |  | B | 49,022,890 | 0.37\% |
|  |  | Unkn Rtg (Triparty) | 491,111,181 | 3.75\% |
|  | Corporates-Domestic | AAA | 1,120,869 | 0.01\% |
|  |  | AA | 78,819 | 0.00\% |
|  |  | A | 30,263,252 | 0.23\% |
|  |  | BBB | 6,672,059 | 0.05\% |
|  |  | BB | 123,695,722 | 0.95\% |
|  |  | B | 334,413,705 | 2.56\% |
|  |  | CCC-C | 364,521,884 | 2.79\% |
|  |  | D | 29,171,939 | 0.22\% |
|  |  | Unkn Rtg (Triparty) | 321,612,129 | 2.46\% |
|  | Corporates-Foreign | A | 8,475,259 | 0.06\% |
|  |  | BBB | 1,181,230 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 97,859,930 | 0.75\% |
|  | Equity-Domestic | Equity | 1,432,300,690 | 10.94\% |
|  | Equity-Foreign | Equity | 618,706,247 | 4.73\% |
|  | MBS - Private (CMO) | AAA | 7,155,519 | 0.05\% |
|  |  | AA | 6,817,487 | 0.05\% |
|  |  | A | 37,877,491 | 0.29\% |
|  |  | BBB | 17,286,318 | 0.13\% |
|  |  | BB | 219,740,516 | 1.68\% |
|  |  | B | 465,691,787 | 3.56\% |
|  |  | CCC-C | 841,339,053 | 6.43\% |
|  |  | D | 27,784,309 | 0.21\% |
|  |  | Unkn Rtg (Triparty) | 113,287,809 | 0.87\% |
|  | Muni | AAA | 163,560,444 | 1.25\% |
|  |  | AA | 150,013,177 | 1.15\% |
|  |  | A | 172,425,905 | 1.32\% |
|  |  | BBB | 209,091,418 | 1.60\% |
|  |  | BB | 101,011,715 | 0.77\% |
|  |  | B | 80,249,582 | 0.61\% |
|  |  | CCC-C | 149,212,958 | 1.14\% |
|  |  | D | 15,013,090 | 0.11\% |
|  |  | Unkn Rtg (Triparty) | 160,327,054 | 1.23\% |
|  | Mutual Fund | AAA | 1,922,725,000 | 14.69\% |
|  |  | Unkn Rtg (Triparty) | 463,040,220 | 3.54\% |
|  | Supranational | AAA | 2,194,289 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 22,374 | 0.00\% |
|  | Treasury | Treasury | 223,064,169 | 1.70\% |
|  | Dealer Total |  | 13,087,588,700 | 100.00\% |
| Merrill Lynch | ABS | AAA Pag | of 160,099,597 | 2.13\% |
|  |  | AA | 4,631,941 | 0.33\% |
|  |  | A | 5,677,924 | 0.40\% |
|  |  | BBB | 13,702,895 | 0.97\% |
|  |  | RR | 1786806 | 0 13\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Convertible Bonds-Domestic | Unkn Rtg (Triparty) | 471,385 | 0.03\% |
|  | Corporates-Domestic | AA | 743,419 | 0.05\% |
|  |  | A | 29,464,236 | 2.08\% |
|  |  | BBB | 35,433,223 | 2.50\% |
|  |  | BB | 25,451,507 | 1.80\% |
|  |  | B | 21,432,143 | 1.51\% |
|  |  | Unkn Rtg (Triparty) | 191,424,840 | 13.53\% |
|  | Corporates-Foreign | AAA | 1,293,888 | 0.09\% |
|  |  | AA | 284,585 | 0.02\% |
|  |  | A | 7,221,805 | 0.51\% |
|  |  | BBB | 55,433,499 | 3.92\% |
|  |  | BB | 185,658,595 | 13.12\% |
|  |  | B | 2,539,536 | 0.18\% |
|  |  | CCC-C | 2,337,710 | 0.17\% |
|  |  | D | 334,039 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 49,755,573 | 3.52\% |
|  | Foreign Sovereigns-Domestic | AAA | 760,737 | 0.05\% |
|  |  | BB | 388,468,487 | 27.45\% |
|  |  | B | 71,075,444 | 5.02\% |
|  |  | CCC-C | 555,977 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 2,963,630 | 0.21\% |
|  | Foreign Sovereigns-Foreign | BBB | 5,115,508 | 0.36\% |
|  |  | BB | 6,529,125 | 0.46\% |
|  |  | B | 7,261,325 | 0.51\% |
|  | MBS - Private (CMO) | AAA | 198,802,217 | 14.05\% |
|  |  | AA | 4,734,397 | 0.33\% |
|  |  | A | 3,077,841 | 0.22\% |
|  |  | BBB | 8,560,602 | 0.60\% |
|  |  | BB | 457,137 | 0.03\% |
|  |  | CCC-C | 1,379,977 | 0.10\% |
|  | Muni | B | 1,546,485 | 0.11\% |
|  | Supranational | AAA | 252,188 | 0.02\% |
|  | Dealer Total |  | 1,415,025,692 | 100.00\% |

Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Tuesday, March 10
William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

## Highlights for Tuesday, March 10

- Total PDCF borrowing on Tuesday was $\$ 19.08$ billion, a decline of $\$ 0.82$ billion from the prior day.
- Bank of America's combined borrowing decreased by $10.5 \%$ to $\$ 6.98$ billion from Monday to Tuesday. This decline included a reduction in borrowing from its Merrill Lynch London broker/dealer as Bank of America transitions away from borrowing through this entity. Overall, Bank of America is providing $\$ 7.56$ billion of collateral for a cushion of $8.37 \%$.
- Citigroup's borrowing remains steady at $\$ 12.10$ billion and it is currently providing $\$ 13.11$ billion of collateral. As compared to Monday, the collateral composition has slightly shifted from corporate debt ( $10.1 \%$ to $7.1 \%$ ) to convertible debt ( $18.1 \%$ to $21.2 \%$ ). Currently, Citigroup's collateral consists primarily of convertible debt ( $21.2 \%$ ), mutual funds ( $18.2 \%$ ), equities ( $15.4 \%$ ), and mortgage backed securities ( $15 \%$ ).
- Of the $\$ 20.66$ billion of collateral provided by all participants, $34.7 \%$ are investment grade securities, $31.2 \%$ are non-investment grade securities, $14.8 \%$ are equities, and $19.4 \%$ are securities with unknown ratings.

Regards, Tony

Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Tuesday, March 10, 2009

## Highlights

- Total PDCF borrowing on Tuesday was $\$ 19.08$ billion, a decline of $\$ 0.82$ billion from the prior day.
- Bank of America's combined borrowing decreased by $10.5 \%$ to $\$ 6.98$ billion from Monday to Tuesday. This decline included a reduction in borrowing from its Merrill Lynch London broker/dealer as Bank of America transitions away from borrowing through this entity. Overall, Bank of America is providing $\$ 7.56$ billion of collateral for a cushion of $8.37 \%$.
- Citigroup's borrowing remains steady at $\$ 12.10$ billion and it is currently providing $\$ 13.11$ billion of collateral. As compared to Monday, the collateral composition has slightly shifted from corporate debt ( $10.1 \%$ to $7.1 \%$ ) to convertible debt ( $18.1 \%$ to $21.2 \%$ ). Currently, Citigroup's collateral consists primarily of convertible debt ( $21.2 \%$ ), mutual funds ( $18.2 \%$ ), equities (15.4\%), and mortgage backed securities ( $15 \%$ ).
- Of the $\$ 20.66$ billion of collateral provided by all participants, $34.7 \%$ are investment grade securities, $31.2 \%$ are noninvestment grade securities, $14.8 \%$ are equities, and $19.4 \%$ are securities with unknown ratings.

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 3 / 1 0 / 2 0 0 9}$ | $\mathbf{0 3 / 0 9 / 2 0 0 9}$ | $\mathbf{0 3 / 0 6 / 2 0 0 9}$ | $\mathbf{0 3 / 0 5 / 2 0 0 9}$ | $\mathbf{0 3 / 0 4 / 2 0 0 9}$ |
| :--- | :---: | ---: | ---: | ---: | ---: |
| Bank of America | 6.00 | 6.50 | 6.50 | 6.50 | 7.00 |
| Citigroup | 12.10 | 12.10 | 12.10 | 12.08 | 12.60 |
| Merrill Lynch | 0.98 | 1.30 | 1.30 | 1.30 | 1.30 |
| Morgan Stanley | - | - | - | - | 2.66 |
| Total Borrowings | $\mathbf{1 9 . 0 8}$ | $\mathbf{1 9 . 9 0}$ | $\mathbf{1 9 . 9 0}$ | $\mathbf{1 9 . 8 8}$ | $\mathbf{2 3 . 5 6}$ |
|  |  |  |  |  |  |
| Total Collateral $^{*}$ | $\mathbf{2 0 . 6 6}$ | $\mathbf{2 1 . 5 3}$ | $\mathbf{2 1 . 5 7}$ | $\mathbf{2 1 . 5 5}$ | $\mathbf{2 7 . 0 9}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 2 8 \%}$ | $\mathbf{8 . 1 9 \%}$ | $\mathbf{8 . 3 9 \%}$ | $\mathbf{8 . 4 0 \%}$ | $\mathbf{1 4 . 9 8 \%}$ |

[^81]PDCF Borrowing Trend


## Composition of Collateral Pledged for March 10 Borrowings - in millions

[^82]| Rating $^{\mathbf{1}}$ | Bank of America | Citigroup | Merrill Lynch | Total |
| :--- | ---: | ---: | ---: | ---: |
| Treasury | - | 191.7 | - | 191.7 |
| Agency | 55.9 | 359.2 | - | 415.2 |
| AAA | $2,527.9$ | $2,170.2$ | 227.5 | $4,925.5$ |
| AA | 62.0 | 150.9 | 10.3 | 223.2 |
| A | 6.7 | 366.0 | 45.4 | 418.1 |
| BBB | 43.9 | 579.2 | 118.7 | 741.8 |
| BB | 111.7 | 979.6 | 254.0 | $1,345.3$ |
| B | 418.1 | $1,378.8$ | 115.5 | $1,912.4$ |
| CCC-C | $1,131.2$ | $1,480.3$ | 4.3 | $2,615.8$ |
| D | 203.2 | 362.5 | 0.3 | 566.0 |
| A-1 | - | 122.1 | - | 122.1 |
| A-2 | - | 135.2 | - | 135.2 |
| A-3 | - | - | - | - |
| NP | - | - | - | - |
| Equity | $\mathbf{1 , 0 4 2 . 1}$ | $2,011.5$ | - | $3,053.7$ |
| Unkn Rtg (Triparty) | 894.2 | $2,817.9$ | 285.8 | $3,997.9$ |
| Unkn Rtg (non-Triparty) | - | - | - | - |
| Total Collateral | $\mathbf{6 , 4 9 7 . 0}$ | $\mathbf{1 3 , 1 0 5 . 2}$ | $\mathbf{1 , 0 6 1 . 7}$ | $\mathbf{2 0 , 6 6 3 . 9}$ |
| Total Borrowings | $\mathbf{6 , 0 0 0 . 0}$ | $\mathbf{1 2 , 1 0 0 . 0}$ | $\mathbf{9 7 5 . 0}$ | $\mathbf{1 9 , 0 7 5 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 2 8 \%}$ | $\mathbf{8 . 3 1 \%}$ | $\mathbf{8 . 8 9 \%}$ | $\mathbf{8 . 3 3 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Page 5 of 15

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $191,671,837$ | $0.93 \%$ |
| Agency | $415,180,387$ | $2.01 \%$ |
| AAA | $4,925,524,739$ | $23.84 \%$ |
| AA | $223,183,500$ | $1.08 \%$ |
| A | $418,110,899$ | $2.02 \%$ |
| BBB | $741,837,623$ | $3.59 \%$ |
| BB | $1,345,324,547$ | $6.51 \%$ |
| B | $1,912,381,742$ | $9.25 \%$ |
| CCC-C | $2,615,809,537$ | $12.66 \%$ |
| D | $566,006,169$ | $2.74 \%$ |
| A-1 | $122,066,805$ | $0.59 \%$ |
| A-2 | $135,224,933$ | $0.65 \%$ |
| Equity | $3,053,656,898$ | $14.78 \%$ |
| Unkn Rtg (Triparty) | $3,997,915,891$ | $19.35 \%$ |
| Total | $20,663,895,509$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $1,896,708,629$ | $9.18 \%$ |
| Agency Debt | $415,180,387$ | $2.01 \%$ |
| CDs-CP-BAs | $257,291,739$ | $1.25 \%$ |
| CMBS | $74,986,447$ | $0.36 \%$ |
| Convertible Bonds-Domestic | $2,492,226,966$ | $12.06 \%$ |
| Convertible Bonds-Foreign | $632,326,813$ | $3.06 \%$ |
| Corporates-Domestic | $1,608,068,458$ | $7.78 \%$ |
| Corporates-Foreign | $261,193,678$ | $1.26 \%$ |
| Equity-Domestic | $2,488,873,276$ | $12.04 \%$ |
| Equity-Foreign | $564,783,622$ | $2.73 \%$ |
| Foreign Sovereigns-Domestic | $263,160,733$ | $1.27 \%$ |
| Foreign Sovereigns-Foreign | $19,000,958$ | $0.09 \%$ |
| MBS - Private (CMO) | $3,372,083,463$ | $16.32 \%$ |
| Muni | $1,121,631,733$ | $5.43 \%$ |
| Mutual Fund | $5,004,246,285$ | $24.22 \%$ |
| Supranational | 460,483 | $0.00 \%$ |
| Treasury | $191,671,837$ | $0.93 \%$ |
| Total | $20,663,895,509$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 61,532,114 | 0.95\% |
|  |  | A | 6,735,914 | 0.10\% |
|  |  | BBB | 43,570,623 | 0.67\% |
|  |  | BB | 81,353,897 | 1.25\% |
|  |  | B | 90,732,030 | 1.40\% |
|  |  | CCC-C | 210,840,450 | 3.25\% |
|  |  | D | 60,167,816 | 0.93\% |
|  |  | Unkn Rtg (Triparty) | 164,999,149 | 2.54\% |
|  | Agency Debt | Agency | 55,942,485 | 0.86\% |
|  | Convertible Bonds-Domestic | CCC-C | 1,439,697 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 351,981,039 | 5.42\% |
|  | Corporates-Domestic | B | 43,843,625 | 0.67\% |
|  |  | CCC-C | 97,673,962 | 1.50\% |
|  |  | D | 101,384,160 | 1.56\% |
|  |  | Unkn Rtg (Triparty) | 241,439,084 | 3.72\% |
|  | Equity-Domestic | Equity | 1,042,107,504 | 16.04\% |
|  | MBS - Private (CMO) | AAA | 517,062 | 0.01\% |
|  |  | BBB | 297,704 | 0.00\% |
|  |  | BB | 30,386,290 | 0.47\% |
|  |  | B | 283,521,185 | 4.36\% |
|  |  | CCC-C | 821,264,041 | 12.64\% |
|  |  | D | 41,646,733 | 0.64\% |
|  |  | Unkn Rtg (Triparty) | 21,322,928 | 0.33\% |
|  | Muni | Unkn Rtg (Triparty) | 24,001,326 | 0.37\% |
|  | Mutual Fund | AAA | 2,527,350,000 | 38.90\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 90,425,000 | 1.39\% |
|  | Treasury | Treasury | 16,631 | 0.00\% |
|  | Dealer Total |  | 6,496,992,449 | 100.00\% |
| Citigroup | ABS | AAA | 29,390,157 | 0.22\% |
|  |  | AA | 3,955,313 | 0.03\% |
|  |  | A | 44,224,961 | 0.34\% |
|  |  | BBB | 68,308,194 | 0.52\% |
|  |  | BB | 161,514,189 | 1.23\% |
|  |  | B | 361,047,394 | 2.76\% |
|  |  | CCC-C | 197,209,428 | 1.50\% |
|  |  | D | 55,018,218 | 0.42\% |
|  |  | Unkn Rtg (Triparty) | 151,626,210 | 1.16\% |
|  | Agency Debt | Agency | 359,237,902 | 2.74\% |
|  | CDs-CP-BAs | A-1 | 122,066,805 | 0.93\% |
|  |  | A-2 | 135,224,933 | 1.03\% |
|  | CMBS | Unkn Rtg (Triparty) | 74,986,447 | 0.57\% |
|  | Convertible Bonds-Domestic | A | Page 10 90, 6ج 6,370 | 0.31\% |
|  |  | BBB | 272,595,331 | 2.08\% |
|  |  | BB | 288,943,348 | 2.20\% |
|  |  | B | 251,046,677 | 1.92\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Foreign (con't) | BB | 17,568,362 | 0.13\% |
|  |  | B | 43,975,653 | 0.34\% |
|  |  | Unkn Rtg (Triparty) | 513,649,925 | 3.92\% |
|  | Corporates-Domestic | A | 30,264,778 | 0.23\% |
|  |  | BBB | 6,672,059 | 0.05\% |
|  |  | BB | 216,632,947 | 1.65\% |
|  |  | B | 117,888,325 | 0.90\% |
|  |  | CCC-C | 117,620,802 | 0.90\% |
|  |  | D | 9,296,610 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 320,713,855 | 2.45\% |
|  | Corporates-Foreign | A | 8,459,913 | 0.06\% |
|  |  | BBB | 1,179,163 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 96,185,244 | 0.73\% |
|  | Equity-Domestic | Equity | 1,446,765,772 | 11.04\% |
|  | Equity-Foreign | Equity | 564,783,622 | 4.31\% |
|  | MBS - Private (CMO) | AAA | 67,301,622 | 0.51\% |
|  |  | AA | 8,897,044 | 0.07\% |
|  |  | A | 37,721,581 | 0.29\% |
|  |  | BBB | 15,839,016 | 0.12\% |
|  |  | BB | 218,100,619 | 1.66\% |
|  |  | B | 525,889,115 | 4.01\% |
|  |  | CCC-C | 944,832,738 | 7.21\% |
|  |  | D | 27,713,356 | 0.21\% |
|  |  | Unkn Rtg (Triparty) | 114,003,995 | 0.87\% |
|  | Muni | AAA | 160,974,689 | 1.23\% |
|  |  | AA | 138,044,146 | 1.05\% |
|  |  | A | 151,172,666 | 1.15\% |
|  |  | BBB | 210,865,400 | 1.61\% |
|  |  | BB | 76,827,980 | 0.59\% |
|  |  | B | 78,953,316 | 0.60\% |
|  |  | CCC-C | 147,853,944 | 1.13\% |
|  |  | D | 15,018,242 | 0.11\% |
|  |  | Unkn Rtg (Triparty) | 116,375,610 | 0.89\% |
|  | Mutual Fund | AAA | 1,912,325,000 | 14.59\% |
|  |  | Unkn Rtg (Triparty) | 473,646,285 | 3.61\% |
|  | Supranational | AAA | 184,865 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 22,341 | 0.00\% |
|  | Treasury | Treasury | 191,655,206 | 1.46\% |
|  | Dealer Total |  | 13,105,153,673 | 100.00\% |
| Merrill Lynch | ABS | AAA | 30,059,448 | 2.83\% |
|  |  | AA | 4,626,294 | 0.44\% |
|  |  | A | 5,674,466 | 0.53\% |
|  |  | BBB | 13,673,576 | 1.29\% |
|  |  | BB | 1,784,087 | 0.17\% |
|  |  | B | 3 of 16104,926 | 0.67\% |
|  |  | Unkn Rtg (Triparty) | 41,559,777 | 3.91\% |
|  | Convertible Bonds-Domestic | Unkn Rtg (Triparty) | 471,385 | 0.04\% |
|  | Corporates-Domestic | AA | 743,419 | 0.07\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Domestic (con't) | B | 21,041,848 | 1.98\% |
|  |  | Unkn Rtg (Triparty) | 191,298,174 | 18.02\% |
|  | Corporates-Foreign | AAA | 1,367,482 | 0.13\% |
|  |  | AA | 281,575 | 0.03\% |
|  |  | A | 7,176,717 | 0.68\% |
|  |  | BBB | 55,289,035 | 5.21\% |
|  |  | BB | 36,512,891 | 3.44\% |
|  |  | B | 2,536,096 | 0.24\% |
|  |  | CCC-C | 2,324,221 | 0.22\% |
|  |  | D | 333,433 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 49,547,910 | 4.67\% |
|  | Foreign Sovereigns-Domestic | AAA | 760,759 | 0.07\% |
|  |  | BB | 182,400,699 | 17.18\% |
|  |  | B | 76,463,449 | 7.20\% |
|  |  | CCC-C | 571,414 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 2,964,412 | 0.28\% |
|  | Foreign Sovereigns-Foreign | BBB | 5,686,384 | 0.54\% |
|  |  | BB | 6,520,887 | 0.61\% |
|  |  | B | 6,793,688 | 0.64\% |
|  | MBS - Private (CMO) | AAA | 195,040,380 | 18.37\% |
|  |  | AA | 4,603,595 | 0.43\% |
|  |  | A | 2,993,252 | 0.28\% |
|  |  | BBB | 8,365,656 | 0.79\% |
|  |  | BB | 456,430 | 0.04\% |
|  |  | CCC-C | 1,369,122 | 0.13\% |
|  | Muni | B | 1,544,416 | 0.15\% |
|  | Supranational | AAA | 253,277 | 0.02\% |
|  | Dealer Total |  | 1,061,749,387 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Wednesday , March 11
William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 03/12/2009 12:20 PM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Wednesday, March 11

- Total PDCF borrowing on Wednesday was $\$ 19.58$ billion, an increase of $\$ 0.50$ billion from the prior day.
- Citigroup remains the largest participant in the facility borrowing $\$ 12.10$ billion against $\$ 13.11$ billion of collateral, for a cushion of $8.31 \%$. Since the start of the year, this collateral cushion has remained consistently between $7.55 \%$ and $8.44 \%$.
- Total PDCF collateral provided by all participants consisted primarily of mutual funds (21.9\%), mortgage backed securities (16\%), equities (14.9\%), and convertible debt (14.1\%).


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PDCF Chatts and Tables - 20090311. doc
Regards, Tony

Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Wednesday, March 11, 2009

## Highlights

- Total PDCF borrowing on Wednesday was $\$ 19.58$ billion, an increase of $\$ 0.50$ billion from the prior day.
- Citigroup remains the largest participant in the facility borrowing $\$ 12.10$ billion against $\$ 13.11$ billion of collateral, for a cushion of $8.31 \%$. Since the start of the year, this collateral cushion has remained consistently between $7.55 \%$ and $8.44 \%$.
- Total PDCF collateral provided by all participants consisted primarily of mutual funds ( $21.9 \%$ ), mortgage backed securities ( $16 \%$ ), equities ( $14.9 \%$ ), and convertible debt ( $14.1 \%$ ).


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 3 / 1 1 / 2 0 0 9}$ | $\mathbf{0 3 / 1 0 / 2 0 0 9}$ | $\mathbf{0 3 / 0 9 / 2 0 0 9}$ | $\mathbf{0 3 / 0 6 / 2 0 0 9}$ | $\mathbf{0 3 / 0 5 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 6.50 | 6.00 | 6.50 | 6.50 | 6.50 |
| Citigroup | 12.10 | 12.10 | 12.10 | 12.10 | 12.08 |
| Merrill Lynch | 0.98 | 0.98 | 1.30 | 1.30 | 1.30 |
| Total Borrowings | $\mathbf{1 9 . 5 8}$ | $\mathbf{1 9 . 0 8}$ | $\mathbf{1 9 . 9 0}$ | $\mathbf{1 9 . 9 0}$ | $\mathbf{1 9 . 8 8}$ |
|  |  |  |  |  |  |
| Total Collateral $^{*}$ | $\mathbf{2 1 . 2}$ | $\mathbf{2 0 . 6 6}$ | $\mathbf{2 1 . 5 3}$ | $\mathbf{2 1 . 5 7}$ | $\mathbf{2 1 . 5 5}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 2 7 \%}$ | $\mathbf{8 . 2 8 \%}$ | $\mathbf{8 . 1 9 \%}$ | $\mathbf{8 . 3 9 \%}$ | $\mathbf{8 . 4 0 \%}$ |

[^83]PDCF Borrowing Trend


## Composition of Collateral Pledged for March 11 Borrowings - in millions

[^84]| Rating $^{1}$ | Bank of America | Citigroup | Merrill Lynch | Total |
| :--- | ---: | ---: | ---: | ---: |
| Treasury | - | 163.3 | - | 163.3 |
| Agency | 55.9 | 356.8 | - | 412.8 |
| AAA | $2,567.3$ | $1,799.8$ | 251.5 | $4,618.6$ |
| AA | 90.7 | 148.0 | 10.3 | 249.1 |
| A | 6.8 | 340.3 | 28.7 | 375.8 |
| BBB | 43.9 | 586.3 | 75.6 | 705.8 |
| BB | 119.8 | 910.9 | 539.8 | $1,570.5$ |
| B | 370.9 | $1,366.2$ | 9.6 | $1,746.6$ |
| CCC-C | $1,097.0$ | $1,465.0$ | 3.0 | $2,565.0$ |
| D | 443.7 | 377.5 | - | 821.2 |
| A-1 | - | 125.0 | - | 125.0 |
| A-2 | - | 52.2 | - | 52.2 |
| A-3 | - | - | - | - |
| NP | - | - | - | - |
| Equity | $\mathbf{1 , 0 3 3 . 9}$ | $\mathbf{2 , 1 1 5 . 4}$ | - | $3,149.3$ |
| Unkn Rtg (Triparty) | $\mathbf{1 , 2 0 1 . 3}$ | $\mathbf{3 , 2 9 9 . 5}$ | $\mathbf{1 4 7 . 9}$ | $\mathbf{4 , 6 4 8 . 6}$ |
| Unkn Rtg (non-Triparty) | - | - | - | - |
| Total Collateral | $\mathbf{7 , 0 3 1 . 3}$ | $\mathbf{1 3 , 1 0 6 . 0}$ | $\mathbf{1 , 0 6 6 . 5}$ | $\mathbf{2 1 , 2 0 3 . 8}$ |
| Total Borrowings | $\mathbf{6 , 5 0 0 . 0}$ | $\mathbf{1 2 , 1 0 0 . 0}$ | $\mathbf{9 7 5 . 0}$ | $\mathbf{1 9 , 5 7 5 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 1 7 \%}$ | $\mathbf{8 . 3 1 \%}$ | $\mathbf{9 . 3 8 \%}$ | $\mathbf{8 . 3 2 \%}$ |

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Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $163,288,054$ | $0.77 \%$ |
| Agency | $412,755,335$ | $1.95 \%$ |
| AAA | $4,618,592,737$ | $21.78 \%$ |
| AA | $249,057,251$ | $1.17 \%$ |
| A | $375,792,634$ | $1.77 \%$ |
| BBB | $705,810,611$ | $3.33 \%$ |
| BB | $1,570,511,462$ | $7.41 \%$ |
| B | $1,746,649,099$ | $8.24 \%$ |
| CCC-C | $821,964,842,600$ | $12.10 \%$ |
| D | $125,008,597$ | $3.87 \%$ |
| A-1 | $52,218,004$ | $0.25 \%$ |
| A-2 | $3,149,311,374$ | $14.85 \%$ |
| Equity | $4,648,620,058$ | $21.92 \%$ |
| Unkn Rtg (Triparty) | $21,203,803,660$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $1,923,895,522$ | $9.07 \%$ |
| Agency Debt | $412,755,335$ | $1.95 \%$ |
| CDs-CP-BAs | $635,656,999$ | $3.00 \%$ |
| CMBS | $75,063,584$ | $0.35 \%$ |
| Convertible Bonds-Domestic | $2,390,825,785$ | $11.28 \%$ |
| Convertible Bonds-Foreign | $596,785,531$ | $2.81 \%$ |
| Corporates-Domestic | $1,757,738,200$ | $8.29 \%$ |
| Corporates-Foreign | $358,436,305$ | $1.69 \%$ |
| Equity-Domestic | $2,602,727,051$ | $12.27 \%$ |
| Equity-Foreign | $546,584,323$ | $2.58 \%$ |
| Foreign Sovereigns-Domestic | $352,795,120$ | $1.66 \%$ |
| MBS - Private (CMO) | $3,401,834,166$ | $16.04 \%$ |
| Muni | $1,343,981,031$ | $6.34 \%$ |
| Mutual Fund | $4,641,228,490$ | $21.89 \%$ |
| Supranational | 208,164 | $0.00 \%$ |
| Treasury | $163,288,054$ | $0.77 \%$ |
| Total | $21,203,803,660$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 60,016,112 | 0.85\% |
|  |  | A | 6,753,765 | 0.10\% |
|  |  | BBB | 43,574,601 | 0.62\% |
|  |  | BB | 81,294,780 | 1.16\% |
|  |  | B | 90,400,478 | 1.29\% |
|  |  | CCC-C | 209,413,998 | 2.98\% |
|  |  | D | 60,020,168 | 0.85\% |
|  |  | Unkn Rtg (Triparty) | 160,501,612 | 2.28\% |
|  | Agency Debt | Agency | 55,920,217 | 0.80\% |
|  | Convertible Bonds-Domestic | CCC-C | 1,139,326 | 0.02\% |
|  |  | D | 15,006,469 | 0.21\% |
|  |  | Unkn Rtg (Triparty) | 352,896,722 | 5.02\% |
|  | Corporates-Domestic | CCC-C | 64,548,790 | 0.92\% |
|  |  | D | 327,052,689 | 4.65\% |
|  |  | Unkn Rtg (Triparty) | 432,047,558 | 6.14\% |
|  | Equity-Domestic | Equity | 1,033,940,462 | 14.70\% |
|  | MBS - Private (CMO) | AAA | 519,621 | 0.01\% |
|  |  | BBB | 298,931 | 0.00\% |
|  |  | BB | 30,444,197 | 0.43\% |
|  |  | B | 280,524,211 | 3.99\% |
|  |  | CCC-C | 817,127,659 | 11.62\% |
|  |  | D | 41,641,555 | 0.59\% |
|  |  | Unkn Rtg (Triparty) | 20,715,912 | 0.29\% |
|  | Muni | AAA | 35,609,522 | 0.51\% |
|  |  | AA | 30,216,083 | 0.43\% |
|  |  | BB | 8,110,000 | 0.12\% |
|  |  | CCC-C | 4,750,000 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 145,624,601 | 2.07\% |
|  | Mutual Fund | AAA | 2,531,175,000 | 36.00\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 89,500,000 | 1.27\% |
|  | Treasury | Treasury | 16,626 | 0.00\% |
|  | Dealer Total |  | 7,031,301,662 | 100.00\% |
| Citigroup | ABS | AAA | 22,431,284 | 0.17\% |
|  |  | AA | 3,955,584 | 0.03\% |
|  |  | A | 41,736,871 | 0.32\% |
|  |  | BBB | 68,380,274 | 0.52\% |
|  |  | BB | 161,533,963 | 1.23\% |
|  |  | B | 359,768,557 | 2.75\% |
|  |  | CCC-C | 195,848,904 | 1.49\% |
|  |  | D | 55,281,991 | 0.42\% |
|  |  | Unkn Rtg (Triparty) | 161,619,956 | 1.23\% |
|  | Agency Debt | Agency | Page 10356,835,118 | 2.72\% |
|  | CDs-CP-BAs | A-1 | 125,008,597 | 0.95\% |
|  |  | A-2 | 52,218,004 | 0.40\% |
|  |  | Unkn Rtg (Triparty) | 458,430,397 | 3.50\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) <br>  <br>  <br>  <br>  <br>  <br>  <br>  | Convertible Bonds-Domestic (con't) | CCC-C | 57,546,731 | 0.44\% |
|  |  | D | 262,633,267 | 2.00\% |
|  |  | Unkn Rtg (Triparty) | 912,683,357 | 6.96\% |
|  | Convertible Bonds-Foreign | A | 36,485,764 | 0.28\% |
|  |  | BB | 7,955,480 | 0.06\% |
|  |  | B | 44,608,546 | 0.34\% |
|  |  | Unkn Rtg (Triparty) | 507,735,741 | 3.87\% |
|  | Corporates-Domestic | A | 30,266,305 | 0.23\% |
|  |  | BBB | 6,672,059 | 0.05\% |
|  |  | BB | 185,699,483 | 1.42\% |
|  |  | B | 117,826,310 | 0.90\% |
|  |  | CCC-C | 117,016,364 | 0.89\% |
|  |  | D | 10,278,713 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 383,746,298 | 2.93\% |
|  | Corporates-Foreign | A | 8,538,417 | 0.07\% |
|  |  | BBB | 1,190,178 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 97,781,712 | 0.75\% |
|  | Equity-Domestic | Equity | 1,568,786,589 | 11.97\% |
|  | Equity-Foreign | Equity | 546,584,323 | 4.17\% |
|  | MBS - Private (CMO) | AAA | 67,250,511 | 0.51\% |
|  |  | AA | 8,903,883 | 0.07\% |
|  |  | A | 36,986,090 | 0.28\% |
|  |  | BBB | 16,230,085 | 0.12\% |
|  |  | BB | 216,236,431 | 1.65\% |
|  |  | B | 531,940,012 | 4.06\% |
|  |  | CCC-C | 946,698,377 | 7.22\% |
|  |  | D | 34,274,356 | 0.26\% |
|  |  | Unkn Rtg (Triparty) | 113,704,785 | 0.87\% |
|  | Muni | AAA | 165,538,628 | 1.26\% |
|  |  | AA | 135,126,749 | 1.03\% |
|  |  | A | 178,556,495 | 1.36\% |
|  |  | BBB | 209,468,745 | 1.60\% |
|  |  | BB | 76,433,555 | 0.58\% |
|  |  | B | 78,691,580 | 0.60\% |
|  |  | CCC-C | 147,842,978 | 1.13\% |
|  |  | D | 15,023,393 | 0.11\% |
|  |  | Unkn Rtg (Triparty) | 112,988,701 | 0.86\% |
|  | Mutual Fund | AAA | 1,544,375,000 | 11.78\% |
|  |  | Unkn Rtg (Triparty) | 475,678,490 | 3.63\% |
|  | Supranational | AAA | 185,881 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 22,283 | 0.00\% |
|  | Treasury | Treasury | 163,271,428 | 1.25\% |
|  | Dealer Total |  | 13,106,025,686 | 100.00\% |
|  | ABS | AAA | 30,301,497 | 2.84\% |
|  |  | AA Page | 3 of 154,671,990 | 0.44\% |
|  |  | A | 25,445,718 | 2.39\% |
|  |  | BBB | 13,801,442 | 1.29\% |
|  |  | BB | 18,629,996 | 1.75\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral |  | Rating | Dollar Value |
| :--- | :--- | :--- | ---: | ---: |
| Merrill Lynch (con't) | Corporates-Domestic | AA | 743,419 | $0.07 \%$ |
|  |  | BB | $13,769,057$ | $1.29 \%$ |
|  | B | $2,778,268$ | $0.26 \%$ |  |
|  | Unkn Rtg (Triparty) | $65,292,888$ | $6.12 \%$ |  |
|  | AA | 283,019 | $0.03 \%$ |  |
|  | A | 381,665 | $0.04 \%$ |  |
|  | BBB | $53,304,913$ | $5.00 \%$ |  |
|  | BB | $154,899,537$ | $14.52 \%$ |  |
|  | Corporates-Foreign | Unkn Rtg (Triparty) | $1,670,303$ | $0.16 \%$ |
|  | AAA | $40,386,560$ | $3.79 \%$ |  |
|  | BB | 760,781 | $0.07 \%$ |  |
|  | AAA | $352,034,339$ | $33.01 \%$ |  |
|  | AA | $220,445,012$ | $20.67 \%$ |  |
|  | ABS - Private (CMO) | $4,640,413$ | $0.44 \%$ |  |
|  | BBB | $2,907,914$ | $0.27 \%$ |  |
|  | BB | $8,511,010$ | $0.80 \%$ |  |
|  | CCC-C | 460,788 | $0.04 \%$ |  |
|  |  | $1,372,414$ | $0.13 \%$ |  |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Thursday, March 12
William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 03/13/2009 10:17 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Thursday, March 12

- Total PDCF borrowing on Thursday was $\$ 19.58$ billion, unchanged from Wednesday.
- Citigroup's borrowing has remained steady at $\$ 12.10$ billion over the past week. Between Wednesday and Thursday, the collateral provided by Citigroup has shifted towards mutual funds ( $15.41 \%$ to $18.28 \%$ ) and convertible debt ( $19.97 \%$ to $22.62 \%$ ). Citigroup's collateral shifted away from a variety of asset types, most notably certificates of deposit/commercial paper ( $4.85 \%$ to $1.69 \%$ ) and Treasuries ( $1.25 \%$ to $0 \%$ ).
- Of the $\$ 21.22$ billion of total collateral provided by all participants, $33.1 \%$ are investment grade securities, $32.7 \%$ are non-investment grade securities, $14.7 \%$ are equities, and $19.5 \%$ are securities with unknown ratings.

壮<br>PDCF Charts and Tables • 20090312.doc<br>Regards,<br>Tony<br>Anthony Maglia<br>Markets Group<br>Federal Reserve Bank of New York<br>212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Thursday, March 12, 2009

## Highlights

- Total PDCF borrowing on Thursday was $\$ 19.58$ billion, unchanged from Wednesday.
- Citigroup's borrowing has remained steady at $\$ 12.10$ billion over the past week. Between Wednesday and Thursday, the collateral provided by Citigroup has shifted towards mutual funds ( $15.41 \%$ to $18.28 \%$ ) and convertible debt ( $19.97 \%$ to $22.62 \%$ ). Citigroup's collateral shifted away from a variety of asset types, most notably certificates of deposit/commercial paper ( $4.85 \%$ to $1.69 \%$ ) and Treasuries ( $1.25 \%$ to $0 \%$ ).
- Of the $\$ 21.22$ billion of total collateral provided by all participants, $33.1 \%$ are investment grade securities, $32.7 \%$ are noninvestment grade securities, $14.7 \%$ are equities, and $19.5 \%$ are securities with unknown ratings.


## Overnight Borrowings - in billions

|  |  | $\mathbf{0 3 / 1 2 / 2 0 0 9}$ | $\mathbf{0 3 / 1 1 / 2 0 0 9}$ | $\mathbf{0 3 / 1 0 / 2 0 0 9}$ | $\mathbf{0 3 / 0 9 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Dealer | 6.50 | 6.50 | 6.00 | 6.50 | 6.50 |
| Bank of America | 12.10 | 12.10 | 12.10 | 12.10 | 12.10 |
| Citigroup | 0.98 | 0.98 | 0.98 | 1.30 | 1.30 |
| Merrill Lynch |  |  |  | $\mathbf{1 9 . 9 0}$ | $\mathbf{1 9 . 9 0}$ |
| Total Borrowings | $\mathbf{1 9 . 5 8}$ | $\mathbf{1 9 . 5 8}$ | $\mathbf{1 9 . 0 8}$ |  |  |
|  | $\mathbf{2 1 . 2 2}$ | $\mathbf{2 1 . 2}$ | $\mathbf{2 0 . 6 6}$ | $\mathbf{2 1 . 5 3}$ | $\mathbf{2 1 . 5 7}$ |
| Total Collateral |  |  |  |  |  |
|  | $\mathbf{8 . 3 8 \%}$ | $\mathbf{8 . 2 7 \%}$ | $\mathbf{8 . 2 8 \%}$ | $\mathbf{8 . 1 9 \%}$ | $\mathbf{8 . 3 9 \%}$ |
| Collateral Cushion |  |  |  |  |  |

* Includes additional commercial loans in a Borrower-In-Custody arrangement.

PDCF Borrowing Trend


## Composition of Collateral Pledged for March 12 Borrowings - in millions

[^85]| Rating $^{1}$ | Bank of America | Citigroup | Merrill Lynch | Total |
| :--- | ---: | ---: | ---: | ---: |
| Treasury | 0.1 | - | - | 0.1 |
| Agency | 56.0 | 325.9 | - | 381.9 |
| AAA | $2,560.8$ | $2,158.9$ | 249.8 | $4,969.5$ |
| AA | 118.4 | 175.5 | 10.3 | 304.2 |
| A | 24.7 | 299.6 | 29.0 | 353.3 |
| BBB | 43.9 | 681.0 | 75.6 | 800.5 |
| BB | 117.8 | 954.4 | 541.0 | $1,613.2$ |
| B | 371.8 | $1,387.0$ | 9.6 | $1,768.4$ |
| CCC-C | $1,196.7$ | $1,520.5$ | 3.0 | $2,720.2$ |
| D | 439.1 | 395.6 | - | 834.6 |
| A-1 | - | 168.0 | - | 168.0 |
| A-2 | - | 48.3 | - | 48.3 |
| A-3 | - | - | - | - |
| NP | - | - | - | - |
| Equity | $\mathbf{1 , 0 2 6 . 9}$ | $2,100.1$ | - | $3,127.0$ |
| Unkn Rtg (Triparty) | $\mathbf{1 , 0 7 6 . 1}$ | $\mathbf{2 , 9 0 2 . 2}$ | $\mathbf{1 4 8 . 1}$ | $\mathbf{4 , 1 2 6 . 4}$ |
| Unkn Rtg (non-Triparty) | - | - | - | - |
| Total Collateral | $\mathbf{7 , 0 3 2 . 3}$ | $\mathbf{1 3 , 1 1 6 . 8}$ | $\mathbf{1 , 0 6 6 . 4}$ | $\mathbf{2 1 , 2 1 5 . 6}$ |
| Total Borrowings | $\mathbf{6 , 5 0 0 . 0}$ | $\mathbf{1 2 , 1 0 0 . 0}$ | $\mathbf{9 7 5 . 0}$ | $\mathbf{1 9 , 5 7 5 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 1 9 \%}$ | $\mathbf{8 . 4 0 \%}$ | $\mathbf{9 . 3 7 \%}$ | $\mathbf{8 . 3 8 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Page 5 of 15

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 87,052 | $0.00 \%$ |
| Agency | $381,860,095$ | $1.80 \%$ |
| AAA | $4,969,524,502$ | $23.42 \%$ |
| AA | $304,247,163$ | $1.43 \%$ |
| A | $353,267,206$ | $1.67 \%$ |
| BBB | $800,474,145$ | $3.77 \%$ |
| BB | $1,613,154,343$ | $7.60 \%$ |
| B | $1,768,402,133$ | $8.34 \%$ |
| CCC-C | $2,720,247,677$ | $12.82 \%$ |
| D | $834,634,107$ | $3.93 \%$ |
| A-1 | $167,952,878$ | $0.79 \%$ |
| A-2 | $48,331,909$ | $0.23 \%$ |
| Equity | $3,126,970,310$ | $14.74 \%$ |
| Unkn Rtg (Triparty) | $4,126,439,333$ | $19.45 \%$ |
| Total | $21,215,592,852$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $1,882,276,882$ | $8.87 \%$ |
| Agency Debt | $381,860,095$ | $1.80 \%$ |
| CDs-CP-BAs | $221,070,736$ | $1.04 \%$ |
| CMBS | $74,359,555$ | $0.35 \%$ |
| Convertible Bonds-Domestic | $2,670,249,150$ | $12.59 \%$ |
| Convertible Bonds-Foreign | $566,259,078$ | $2.67 \%$ |
| Corporates-Domestic | $1,817,531,235$ | $8.57 \%$ |
| Corporates-Foreign | $357,728,731$ | $1.69 \%$ |
| Equity-Domestic | $2,578,898,582$ | $12.16 \%$ |
| Equity-Foreign | $548,071,729$ | $2.58 \%$ |
| Foreign Sovereigns-Domestic | $352,852,871$ | $1.66 \%$ |
| MBS - Private (CMO) | $3,380,704,548$ | $15.93 \%$ |
| Muni | $1,364,694,462$ | $6.43 \%$ |
| Mutual Fund | $5,018,948,147$ | $23.66 \%$ |
| Treasury | 87,052 | $0.00 \%$ |
| Total | $21,215,592,852$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 60,063,781 | 0.85\% |
|  |  | A | 6,782,524 | 0.10\% |
|  |  | BBB | 43,627,752 | 0.62\% |
|  |  | BB | 81,323,403 | 1.16\% |
|  |  | B | 90,628,244 | 1.29\% |
|  |  | CCC-C | 223,770,579 | 3.18\% |
|  |  | D | 60,121,236 | 0.85\% |
|  |  | Unkn Rtg (Triparty) | 160,573,707 | 2.28\% |
|  | Agency Debt | Agency | 55,993,458 | 0.80\% |
|  | Convertible Bonds-Domestic | CCC-C | 1,141,595 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 264,836,125 | 3.77\% |
|  | Corporates-Domestic | CCC-C | 143,225,479 | 2.04\% |
|  |  | D | 337,320,478 | 4.80\% |
|  |  | Unkn Rtg (Triparty) | 429,660,965 | 6.11\% |
|  | Equity-Domestic | Equity | 1,026,866,262 | 14.60\% |
|  | MBS - Private (CMO) | AAA | 520,428 | 0.01\% |
|  |  | BBB | 301,139 | 0.00\% |
|  |  | BB | 28,369,920 | 0.40\% |
|  |  | B | 281,187,360 | 4.00\% |
|  |  | CCC-C | 823,809,675 | 11.71\% |
|  |  | D | 41,630,845 | 0.59\% |
|  |  | Unkn Rtg (Triparty) | 20,191,769 | 0.29\% |
|  | Muni | AAA | 28,389,987 | 0.40\% |
|  |  | AA | 57,877,194 | 0.82\% |
|  |  | A | 17,894,856 | 0.25\% |
|  |  | BB | 8,110,000 | 0.12\% |
|  |  | CCC-C | 4,750,000 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 111,411,791 | 1.58\% |
|  | Mutual Fund | AAA | 2,531,900,000 | 36.00\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 89,475,000 | 1.27\% |
|  | Treasury | Treasury | 87,052 | 0.00\% |
|  | Dealer Total |  | 7,032,342,603 | 100.00\% |
| Citigroup | ABS | AAA | 8,650,517 | 0.07\% |
|  |  | AA | 3,955,854 | 0.03\% |
|  |  | A | 21,383,109 | 0.16\% |
|  |  | BBB | 17,046,239 | 0.13\% |
|  |  | BB | 174,469,738 | 1.33\% |
|  |  | B | 358,509,610 | 2.73\% |
|  |  | CCC-C | 222,505,129 | 1.70\% |
|  |  | D | 55,569,588 | 0.42\% |
|  |  | Unkn Rtg (Triparty) | 151,681,671 | 1.16\% |
|  | Agency Debt | Agency | Page 10 32 $51,886,637$ | 2.48\% |
|  | CDs-CP-BAs | A-1 | 167,952,878 | 1.28\% |
|  |  | A-2 | 48,331,909 | 0.37\% |
|  |  | Unkn Rtg (Triparty) | 4,785,950 | 0.04\% |

## Collateral Composition by Dealer (continued)



## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Collateral |  | Rating | Dollar Value | \% Total |
| :--- | :--- | :--- | ---: | ---: |
| Merrill Lynch (con't) | Corporates-Domestic (con't) | Unkn Rtg (Triparty) | $65,309,153$ | $6.12 \%$ |
|  | Corporates-Foreign | AA | 285,000 | $0.03 \%$ |
|  | A | 382,562 | $0.04 \%$ |  |
|  | BBB | $53,404,732$ | $5.01 \%$ |  |
|  | BB | $154,144,539$ | $14.45 \%$ |  |
|  | CCC-C | $1,674,313$ | $0.16 \%$ |  |
|  | Unkn Rtg (Triparty) | $40,509,479$ | $3.80 \%$ |  |
|  |  | 760,803 | $0.07 \%$ |  |
|  | BB | $352,092,067$ | $33.02 \%$ |  |
|  | AAA | $218,998,580$ | $20.51 \%$ |  |
|  | AA | $4,618,493$ | $0.43 \%$ |  |
|  | A | $3,133,607$ | $0.29 \%$ |  |
|  | BBB | $8,356,712$ | $0.78 \%$ |  |
|  | BB | 461,768 | $0.04 \%$ |  |
|  | CCC-C | $1,371,206$ | $0.13 \%$ |  |
|  |  | $1,066,405,475$ | $100.00 \%$ |  |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Friday, March 13
William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 03/16/2009 11:14 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Friday, March 13

- Total PDCF borrowing on Friday was $\$ 19.48$ billion, a decline of $\$ 0.10$ billion from the prior day.
- Borrowing by Citigroup has remained steady at $\$ 12.10$ billion since March 6th. On Friday, Citigroup provided $\$ 13.12$ billion of collateral of which $28.9 \%$ are investment grade securities, $32.3 \%$ are non-investment grade securities, $16.8 \%$ are equities, and $22 \%$ are securities with unknown ratings.
- Total PDCF collateral provided by all participants consists primarily of mutual funds (23.8\%), convertible debt (17.3\%), equities (15.4\%), and mortgage backed securities ( $15.1 \%$ ).


PDCF Charts and Tables - 20090313.doc
Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Friday, March 13, 2009

## Highlights

- Total PDCF borrowing on Friday was $\$ 19.48$ billion, a decline of $\$ 0.10$ billion from the prior day.
- Borrowing by Citigroup has remained steady at $\$ 12.10$ billion since March $6^{\text {th }}$. On Friday, Citigroup provided $\$ 13.12$ billion of collateral of which $28.9 \%$ are investment grade securities, $32.3 \%$ are non-investment grade securities, $16.8 \%$ are equities, and $22 \%$ are securities with unknown ratings.
- Total PDCF collateral provided by all participants consists primarily of mutual funds ( $23.8 \%$ ), convertible debt ( $17.3 \%$ ), equities (15.4\%), and mortgage backed securities (15.1\%).

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 3 / 1 3 / 2 0 0 9}$ | $\mathbf{0 3 / 1 2 / 2 0 0 9}$ | $\mathbf{0 3 / 1 1 / 2 0 0 9}$ | $\mathbf{0 3 / 1 0 / 2 0 0 9}$ | $\mathbf{0 3 / 0 9 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 6.40 | 6.50 | 6.50 | 6.00 | 6.50 |
| Citigroup | 12.10 | 12.10 | 12.10 | 12.10 | 12.10 |
| Merrill Lynch | 0.98 | 0.98 | 0.98 | 0.98 | 1.30 |
| Total Borrowings | $\mathbf{1 9 . 4 8}$ | $\mathbf{1 9 . 5 8}$ | $\mathbf{1 9 . 5 8}$ | $\mathbf{1 9 . 0 8}$ | $\mathbf{1 9 . 9 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{2 1 . 1}$ | $\mathbf{2 1 . 2 2}$ | $\mathbf{2 1 . 2}$ | $\mathbf{2 0 . 6 6}$ | $\mathbf{2 1 . 5 3}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 3 2 \%}$ | $\mathbf{8 . 3 8 \%}$ | $\mathbf{8 . 2 7 \%}$ | $\mathbf{8 . 2 8 \%}$ | $\mathbf{8 . 1 9 \%}$ |

PDCF Borrowing Trend


## Composition of Collateral Pledged for March 13 Borrowings - in millions

[^86]| Rating $^{1}$ | Bank of America | Citigroup | Merrill Lynch | Total |
| :--- | ---: | ---: | ---: | ---: |
| Treasury | 0.1 | - | - | 0.1 |
| Agency | - | 325.9 | - | 325.9 |
| AAA | $2,531.7$ | $2,180.1$ | 166.1 | $4,877.9$ |
| AA | 60.6 | 204.9 | 10.4 | 275.8 |
| A | 180.6 | 333.7 | 5.5 | 519.8 |
| BBB | 186.2 | 745.6 | 75.3 | $1,007.2$ |
| BB | 191.3 | 977.4 | 581.8 | $1,750.5$ |
| B | 374.9 | $1,404.9$ | 30.5 | $1,810.3$ |
| CCC-C | $1,038.1$ | $1,465.6$ | 4.4 | $2,508.2$ |
| D | 429.4 | 394.3 | 0.4 | 824.0 |
| A-1 | - | - | - | - |
| A-2 | - | 0.5 | - | 0.5 |
| A-3 | - | - | - | - |
| NP | - | - | - | - |
| Equity | $\mathbf{1 , 0 3 9 . 5}$ | $\mathbf{2 , 1 9 9 . 7}$ | - | $3,239.2$ |
| Unkn Rtg (Triparty) | 884.9 | $2,885.7$ | 189.9 | $3,960.6$ |
| Unkn Rtg (non-Triparty) | - | - | - | - |
| Total Collateral | $\mathbf{6 , 9 1 7 . 3}$ | $\mathbf{1 3 , 1 1 8 . 4}$ | $\mathbf{1 , 0 6 4 . 3}$ | $\mathbf{2 1 , 0 9 9 . 9}$ |
| Total Borrowings | $\mathbf{6 , 4 0 0 . 0}$ | $\mathbf{1 2 , 1 0 0 . 0}$ | $\mathbf{9 7 5 . 0}$ | $\mathbf{1 9 , 4 7 5 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 0 8 \%}$ | $\mathbf{8 . 4 2 \%}$ | $\mathbf{9 . 1 6 \%}$ | $\mathbf{8 . 3 4 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Page 5 of 15

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 87,053 | $0.00 \%$ |
| Agency | $325,862,382$ | $1.54 \%$ |
| AAA | $4,877,879,692$ | $23.12 \%$ |
| AA | $275,801,744$ | $1.31 \%$ |
| A | $519,829,730$ | $2.46 \%$ |
| BBB | $1,007,221,414$ | $4.77 \%$ |
| BB | $1,750,462,909$ | $8.30 \%$ |
| B | $1,810,325,330$ | $8.58 \%$ |
| CCC-C | $2,508,172,809$ | $11.89 \%$ |
| D | $824,005,226$ | $3.91 \%$ |
| A-2 | 478,756 | $0.00 \%$ |
| Equity | $3,239,231,654$ | $15.35 \%$ |
| Unkn Rtg (Triparty) | $3,960,565,808$ | $18.77 \%$ |
| Total | $21,099,924,506$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $1,834,889,408$ | $8.70 \%$ |
| Agency Debt | $325,862,382$ | $1.54 \%$ |
| CDs-CP-BAs | $18,884,971$ | $0.09 \%$ |
| CMBS | $74,205,662$ | $0.35 \%$ |
| Convertible Bonds-Domestic | $2,996,045,714$ | $14.20 \%$ |
| Convertible Bonds-Foreign | $652,179,563$ | $3.09 \%$ |
| Corporates-Domestic | $1,802,884,059$ | $8.54 \%$ |
| Corporates-Foreign | $399,396,376$ | $1.89 \%$ |
| Equity-Domestic | $2,691,045,010$ | $12.75 \%$ |
| Equity-Foreign | $548,186,644$ | $2.60 \%$ |
| Foreign Sovereigns-Domestic | $352,910,622$ | $1.67 \%$ |
| MBS - Private (CMO) | $3,183,391,187$ | $15.09 \%$ |
| Muni | $1,195,385,695$ | $5.67 \%$ |
| Mutual Fund | $5,024,570,160$ | $23.81 \%$ |
| Treasury | 87,053 | $0.00 \%$ |
| Total | $21,099,924,506$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 60,081,019 | 0.87\% |
|  |  | A | 6,765,453 | 0.10\% |
|  |  | BBB | 40,069,467 | 0.58\% |
|  |  | BB | 81,279,814 | 1.18\% |
|  |  | B | 90,650,769 | 1.31\% |
|  |  | CCC-C | 219,359,338 | 3.17\% |
|  |  | D | 49,860,454 | 0.72\% |
|  |  | Unkn Rtg (Triparty) | 95,629,518 | 1.38\% |
|  | Convertible Bonds-Domestic | A | 173,828,265 | 2.51\% |
|  |  | BBB | 145,861,463 | 2.11\% |
|  |  | BB | 81,636,320 | 1.18\% |
|  |  | B | 9,582,388 | 0.14\% |
|  |  | CCC-C | 1,176,704 | 0.02\% |
|  |  | D | 561,383 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 229,102,220 | 3.31\% |
|  | Corporates-Domestic | CCC-C | 101,109,780 | 1.46\% |
|  |  | D | 337,384,111 | 4.88\% |
|  |  | Unkn Rtg (Triparty) | 428,409,872 | 6.19\% |
|  | Equity-Domestic | Equity | 1,039,546,876 | 15.03\% |
|  | MBS - Private (CMO) | AAA | 522,252 | 0.01\% |
|  |  | BBB | 299,784 | 0.00\% |
|  |  | BB | 28,407,986 | 0.41\% |
|  |  | B | 274,667,696 | 3.97\% |
|  |  | CCC-C | 716,487,620 | 10.36\% |
|  |  | D | 41,569,553 | 0.60\% |
|  |  | Unkn Rtg (Triparty) | 20,202,398 | 0.29\% |
|  | Muni | Unkn Rtg (Triparty) | 24,250,605 | 0.35\% |
|  | Mutual Fund | AAA | 2,531,150,000 | 36.59\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 87,275,000 | 1.26\% |
|  | Treasury | Treasury | 87,053 | 0.00\% |
|  | Dealer Total |  | 6,917,315,159 | 100.00\% |
| Citigroup | ABS | AAA | 29,301,329 | 0.22\% |
|  |  | AA | 3,956,125 | 0.03\% |
|  |  | A | 40,320,137 | 0.31\% |
|  |  | BBB | 66,914,435 | 0.51\% |
|  |  | BB | 184,086,846 | 1.40\% |
|  |  | B | 352,157,847 | 2.68\% |
|  |  | CCC-C | 197,807,225 | 1.51\% |
|  |  | D | 46,408,649 | 0.35\% |
|  |  | Unkn Rtg (Triparty) | 152,009,646 | 1.16\% |
|  | Agency Debt | Agency | 325,862,382 | 2.48\% |
|  | CDs-CP-BAs | A-2 | Page 10 of 478,756 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 18,406,215 | 0.14\% |
|  | CMBS | Unkn Rtg (Triparty) | 74,205,662 | 0.57\% |
|  | Convertible Bonds-Domestic | A | 7,978,951 | 0.06\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | Unkn Rtg (Triparty) | 981,891,661 | 7.48\% |
|  | Convertible Bonds-Foreign | A | 36,420,008 | 0.28\% |
|  |  | BBB | 17,176,491 | 0.13\% |
|  |  | BB | 10,170,297 | 0.08\% |
|  |  | B | 45,322,637 | 0.35\% |
|  |  | Unkn Rtg (Triparty) | 543,090,129 | 4.14\% |
|  | Corporates-Domestic | A | 27,821,006 | 0.21\% |
|  |  | BB | 200,746,837 | 1.53\% |
|  |  | B | 117,996,331 | 0.90\% |
|  |  | CCC-C | 116,396,139 | 0.89\% |
|  |  | D | 10,590,852 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 314,044,110 | 2.39\% |
|  | Corporates-Foreign | A | 8,571,554 | 0.07\% |
|  |  | BBB | 1,194,943 | 0.01\% |
|  |  | D | 26,875 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 97,926,982 | 0.75\% |
|  | Equity-Domestic | Equity | 1,651,498,134 | 12.59\% |
|  | Equity-Foreign | Equity | 548,186,644 | 4.18\% |
|  | MBS - Private (CMO) | AAA | 67,694,637 | 0.52\% |
|  |  | AA | 13,408,617 | 0.10\% |
|  |  | A | 36,082,541 | 0.28\% |
|  |  | BBB | 15,966,029 | 0.12\% |
|  |  | BB | 217,159,191 | 1.66\% |
|  |  | B | 532,279,880 | 4.06\% |
|  |  | CCC-C | 924,762,919 | 7.05\% |
|  |  | D | 34,555,972 | 0.26\% |
|  |  | Unkn Rtg (Triparty) | 106,743,704 | 0.81\% |
|  | Muni | AAA | 161,657,771 | 1.23\% |
|  |  | AA | 187,501,467 | 1.43\% |
|  |  | A | 176,554,120 | 1.35\% |
|  |  | BBB | 216,137,564 | 1.65\% |
|  |  | BB | 77,356,793 | 0.59\% |
|  |  | B | 78,246,307 | 0.60\% |
|  |  | CCC-C | 145,436,383 | 1.11\% |
|  |  | D | 15,033,697 | 0.11\% |
|  |  | Unkn Rtg (Triparty) | 113,210,990 | 0.86\% |
|  | Mutual Fund | AAA | 1,921,425,000 | 14.65\% |
|  |  | Unkn Rtg (Triparty) | 484,220,160 | 3.69\% |
|  | Dealer Total |  | 13,118,354,547 | 100.00\% |
|  | ABS | AAA | 30,476,039 | 2.86\% |
|  |  | AA | 4,695,671 | 0.44\% |
|  |  | A | 2,262,573 | 0.21\% |
|  |  | BBB | 13,449,973 | 1.26\% |
|  |  | BB | 18,711,041 | 1.76\% |
|  |  | B Pag | of 156,815,089 | 0.64\% |
|  |  | Unkn Rtg (Triparty) | 41,820,952 | 3.93\% |
|  | Convertible Bonds-Domestic | Unkn Rtg (Triparty) | 471,385 | 0.04\% |
|  | Corporates-Domestic | AA | 743,419 | 0.07\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral |  | Rating | Dollar Value |
| :--- | :--- | :--- | ---: | ---: |
| Merrill Lynch (con't) | Corporates-Foreign | AA | 284,678 | $0.03 \%$ |
|  | A | 381,640 | $0.04 \%$ |  |
|  | BBB | $53,513,112$ | $5.03 \%$ |  |
|  | BB | $184,226,235$ | $17.31 \%$ |  |
|  | B | $2,584,600$ | $0.24 \%$ |  |
|  | CCC-C | $3,032,418$ | $0.28 \%$ |  |
|  | D | 363,744 | $0.03 \%$ |  |
|  | Unkn Rtg (Triparty) | $47,289,597$ | $4.44 \%$ |  |
|  |  | Foreign Sovereigns-Domestic | AAA | 760,826 |
|  | BB | $0.07 \%$ |  |  |
|  | AAA | $352,149,797$ | $33.09 \%$ |  |
|  | MBS - Private (CMO) | A | $134,891,841$ | $12.67 \%$ |
|  | BBB | $4,630,747$ | $0.44 \%$ |  |
|  | BB | $2,843,482$ | $0.27 \%$ |  |
|  | CCC-C | $8,378,495$ | $0.79 \%$ |  |
|  |  | 462,822 | $0.04 \%$ |  |
|  |  | $1,373,025$ | $0.13 \%$ |  |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Monday , March 16
William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 03/17/2009 10:27 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Monday, March 16

- Total PDCF borrowing on Monday was $\$ 19.58$ billion, an increase of $\$ 0.10$ billion from Friday.
- Bank of America, including its Merrill Lynch London broker/dealer, is borrowing a combined $\$ 7.48$ billion against $\$ 8.10$ billion of collateral. Bank of America's collateral consists primarily of mutual funds ( $32.3 \%$ ), equities ( $17.2 \%$ ), mortgage backed securities ( $17.1 \%$ ), and corporate debt ( $10.7 \%$ ).
- Between Friday and Monday, Citigroup's borrowing remained unchanged at $\$ 12.10$ billion. During this time, Citigroup's collateral shifted away from mutual funds ( $18.3 \%$ to $16.5 \%$ ) and towards certificates of deposit/commercial paper ( $0.1 \%$ to $2.6 \%$ ).
- Of the $\$ 21.22$ billion of collateral provided by all participants, $34.2 \%$ are investment grade securities, $32 \%$ are non-investment grade securities, $15.6 \%$ are equities, and $18.3 \%$ are securities with unknown ratings.


Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

## Primary Dealer Credit Facility Collateral Report

For Monday, March 16, 2009

## Highlights

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- Bank of America, including its Merrill Lynch London broker/dealer, is borrowing a combined $\$ 7.48$ billion against $\$ 8.10$ billion of collateral. Bank of America's collateral consists primarily of mutual funds (32.3\%), equities (17.2\%), mortgage backed securities (17.1\%), and corporate debt (10.7\%).
- Between Friday and Monday, Citigroup's borrowing remained unchanged at $\$ 12.10$ billion. During this time, Citigroup's collateral shifted away from mutual funds ( $18.3 \%$ to $16.5 \%$ ) and towards certificates of deposit/commercial paper ( $0.1 \%$ to 2.6\%).
- Of the $\$ 21.22$ billion of collateral provided by all participants, $34.2 \%$ are investment grade securities, $32 \%$ are non-investment grade securities, $15.6 \%$ are equities, and $18.3 \%$ are securities with unknown ratings.

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 3 / 1 6 / 2 0 0 9}$ | $\mathbf{0 3 / 1 3 / 2 0 0 9}$ | $\mathbf{0 3 / 1 2 / 2 0 0 9}$ | $\mathbf{0 3 / 1 1 / 2 0 0 9}$ | $\mathbf{0 3 / 1 0 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 6.50 | 6.40 | 6.50 | 6.50 | 6.00 |
| Citigroup | 12.10 | 12.10 | 12.10 | 12.10 | 12.10 |
| Merrill Lynch | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Total Borrowings | $\mathbf{1 9 . 5 8}$ | $\mathbf{1 9 . 4 8}$ | $\mathbf{1 9 . 5 8}$ | $\mathbf{1 9 . 5 8}$ | $\mathbf{1 9 . 0 8}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{2 1 . 2 2}$ | $\mathbf{2 1 . 1}$ | $\mathbf{2 1 . 2 2}$ | $\mathbf{2 1 . 2}$ | $\mathbf{2 0 . 6 6}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 3 8 \%}$ | $\mathbf{8 . 3 2 \%}$ | $\mathbf{8 . 3 8 \%}$ | $\mathbf{8 . 2 7 \%}$ | $\mathbf{8 . 2 8 \%}$ |

PDCF Borrowing Trend


## Composition of Collateral Pledged for March 16 Borrowings - in millions

[^87]| Rating $^{1}$ | Bank of America | Citigroup | Merrill Lynch | Total |
| :--- | ---: | ---: | ---: | ---: |
| Treasury | - | 81.7 | - | 81.7 |
| Agency | 56.1 | 374.8 | - | 430.9 |
| AAA | $2,537.1$ | $1,977.7$ | 98.4 | $4,613.2$ |
| AA | 60.6 | 165.9 | 10.5 | 237.0 |
| A | 179.1 | 309.3 | 42.0 | 530.5 |
| BBB | 201.1 | 751.9 | 109.4 | $1,062.4$ |
| BB | 260.4 | 961.2 | 567.4 | $1,789.0$ |
| B | 397.1 | $1,352.0$ | 41.0 | $1,790.1$ |
| CCC-C | $1,220.2$ | $1,468.7$ | 5.0 | $2,693.9$ |
| D | 100.6 | 411.6 | 0.4 | 512.6 |
| A-1 | - | 252.3 | - | 252.3 |
| A-2 | - | 45.7 | - | 45.7 |
| A-3 | - | - | - | - |
| NP | - | - | - | - |
| Equity | $\mathbf{1 , 3 9 2 . 5}$ | $1,913.1$ | - | $3,305.6$ |
| Unkn Rtg (Triparty) | 632.2 | $3,053.3$ | $\mathbf{1 8 7 . 9}$ | $3,873.4$ |
| Unkn Rtg (non-Triparty) | - | - | - | - |
| Total Collateral | $\mathbf{7 , 0 3 7 . 2}$ | $\mathbf{1 3 , 1 1 9 . 2}$ | $\mathbf{1 , 0 6 1 . 8}$ | $\mathbf{2 1 , 2 1 8 . 2}$ |
| Total Borrowings | $\mathbf{6 , 5 0 0 . 0}$ | $\mathbf{1 2 , 1 0 0 . 0}$ | $\mathbf{9 7 5 . 0}$ | $\mathbf{1 9 , 5 7 5 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 2 6 \%}$ | $\mathbf{8 . 4 2 \%}$ | $\mathbf{8 . 9 0 \%}$ | $\mathbf{8 . 3 9 \%}$ |

Page 3 of 16

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Page 5 of 16

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $81,691,397$ | $0.39 \%$ |
| Agency | $430,892,213$ | $2.03 \%$ |
| AAA | $4,613,199,603$ | $21.74 \%$ |
| AA | $236,957,389$ | $1.12 \%$ |
| A | $530,491,310$ | $2.50 \%$ |
| BBB | $1,062,443,340$ | $5.01 \%$ |
| BB | $1,788,962,998$ | $8.43 \%$ |
| B | $1,790,071,340$ | $8.44 \%$ |
| CCC-C | $2,693,903,338$ | $12.70 \%$ |
| D | $512,576,097$ | $2.42 \%$ |
| A-1 | $252,348,553$ | $1.19 \%$ |
| A-2 | $45,727,217$ | $0.22 \%$ |
| Equity | $3,305,584,810$ | $15.58 \%$ |
| Unkn Rtg (Triparty) | $3,873,363,533$ | $18.25 \%$ |
| Total | $21,218,213,136$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,025,303,996$ | $9.55 \%$ |
| Agency Debt | $430,892,213$ | $2.03 \%$ |
| CDs-CP-BAs | $339,366,985$ | $1.60 \%$ |
| CMBS | $74,512,396$ | $0.35 \%$ |
| Convertible Bonds-Domestic | $2,798,848,189$ | $13.19 \%$ |
| Convertible Bonds-Foreign | $751,562,670$ | $3.54 \%$ |
| Corporates-Domestic | $1,376,112,420$ | $6.49 \%$ |
| Corporates-Foreign | $415,766,055$ | $1.96 \%$ |
| Equity-Domestic | $2,782,497,629$ | $13.11 \%$ |
| Equity-Foreign | $523,087,181$ | $2.47 \%$ |
| Foreign Sovereigns-Domestic | $365,582,160$ | $1.72 \%$ |
| MBS - Private (CMO) | $3,320,170,569$ | $15.65 \%$ |
| Muni | $1,158,967,774$ | $5.46 \%$ |
| Mutual Fund | $4,773,358,518$ | $22.50 \%$ |
| Supranational | 492,987 | $0.00 \%$ |
| Treasury | $81,691,397$ | $0.39 \%$ |
| Total | $21,218,213,136$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 60,107,400 | 0.85\% |
|  |  | A | 6,769,497 | 0.10\% |
|  |  | BBB | 40,072,060 | 0.57\% |
|  |  | BB | 61,566,900 | 0.87\% |
|  |  | B | 99,979,869 | 1.42\% |
|  |  | CCC-C | 275,748,552 | 3.92\% |
|  |  | D | 50,630,880 | 0.72\% |
|  |  | Unkn Rtg (Triparty) | 162,411,182 | 2.31\% |
|  | Agency Debt | Agency | 56,127,916 | 0.80\% |
|  | Convertible Bonds-Domestic | A | 171,254,641 | 2.43\% |
|  |  | BBB | 147,485,776 | 2.10\% |
|  |  | BB | 82,421,645 | 1.17\% |
|  |  | B | 10,023,449 | 0.14\% |
|  |  | CCC-C | 87,393 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 121,940,873 | 1.73\% |
|  | Corporates-Domestic | CCC-C | 127,104,186 | 1.81\% |
|  |  | D | 8,268,704 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 219,982,701 | 3.13\% |
|  | Equity-Domestic | Equity | 1,392,496,183 | 19.79\% |
|  | MBS - Private (CMO) | AAA | 7,525,124 | 0.11\% |
|  |  | A | 1,123,244 | 0.02\% |
|  |  | BBB | 13,583,409 | 0.19\% |
|  |  | BB | 116,432,390 | 1.65\% |
|  |  | B | 287,102,008 | 4.08\% |
|  |  | CCC-C | 817,286,394 | 11.61\% |
|  |  | D | 41,660,561 | 0.59\% |
|  |  | Unkn Rtg (Triparty) | 20,171,127 | 0.29\% |
|  | Muni | Unkn Rtg (Triparty) | 24,251,720 | 0.34\% |
|  | Mutual Fund | AAA | 2,529,575,000 | 35.95\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 83,475,000 | 1.19\% |
|  | Treasury | Treasury | 16,636 | 0.00\% |
|  | Dealer Total |  | 7,037,182,419 | 100.00\% |
| Citigroup | ABS | AAA | 26,968,188 | 0.21\% |
|  |  | AA | 3,956,937 | 0.03\% |
|  |  | A | 40,123,388 | 0.31\% |
|  |  | BBB | 67,960,495 | 0.52\% |
|  |  | BB | 198,796,920 | 1.52\% |
|  |  | B | 404,963,961 | 3.09\% |
|  |  | CCC-C | 222,786,520 | 1.70\% |
|  |  | D | 48,022,710 | 0.37\% |
|  |  | Unkn Rtg (Triparty) | 152,045,958 | 1.16\% |
|  | Agency Debt | Agency | Page 10 3T4,1/84,297 | 2.86\% |
|  | CDs-CP-BAs | A-1 | 252,348,553 | 1.92\% |
|  |  | A-2 | 45,727,217 | 0.35\% |
|  |  | Unkn Rtg (Triparty) | 41,291,215 | 0.31\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | CCC-C | 81,760,124 | 0.62\% |
|  |  | D | 302,761,600 | 2.31\% |
|  |  | Unkn Rtg (Triparty) | 965,479,543 | 7.36\% |
|  | Convertible Bonds-Foreign | A | 35,982,619 | 0.27\% |
|  |  | BBB | 17,037,808 | 0.13\% |
|  |  | BB | 10,546,078 | 0.08\% |
|  |  | B | 47,771,312 | 0.36\% |
|  |  | Unkn Rtg (Triparty) | 640,224,853 | 4.88\% |
|  | Corporates-Domestic | A | 14,348,847 | 0.11\% |
|  |  | BB | 192,362,580 | 1.47\% |
|  |  | B | 116,525,007 | 0.89\% |
|  |  | CCC-C | 119,324,584 | 0.91\% |
|  |  | D | 11,192,499 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 363,098,664 | 2.77\% |
|  | Corporates-Foreign | A | 8,637,714 | 0.07\% |
|  |  | BBB | 1,204,386 | 0.01\% |
|  |  | D | 27,071 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 99,707,921 | 0.76\% |
|  | Equity-Domestic | Equity | 1,390,001,446 | 10.60\% |
|  | Equity-Foreign | Equity | 523,087,181 | 3.99\% |
|  | MBS - Private (CMO) | AAA | 109,953,848 | 0.84\% |
|  |  | AA | 8,894,236 | 0.07\% |
|  |  | A | 36,810,347 | 0.28\% |
|  |  | BBB | 17,294,326 | 0.13\% |
|  |  | BB | 260,389,678 | 1.98\% |
|  |  | B | 459,975,543 | 3.51\% |
|  |  | CCC-C | 899,283,313 | 6.85\% |
|  |  | D | 34,570,279 | 0.26\% |
|  |  | Unkn Rtg (Triparty) | 106,549,066 | 0.81\% |
|  | Muni | AAA | 155,530,102 | 1.19\% |
|  |  | AA | 153,043,779 | 1.17\% |
|  |  | A | 165,529,750 | 1.26\% |
|  |  | BBB | 207,477,094 | 1.58\% |
|  |  | BB | 77,402,289 | 0.59\% |
|  |  | B | 78,118,648 | 0.60\% |
|  |  | CCC-C | 145,558,995 | 1.11\% |
|  |  | D | 15,049,152 | 0.11\% |
|  |  | Unkn Rtg (Triparty) | 135,546,064 | 1.03\% |
|  | Mutual Fund | AAA | 1,685,025,000 | 12.84\% |
|  |  | Unkn Rtg (Triparty) | 474,783,518 | 3.62\% |
|  | Supranational | AAA | 201,323 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 26,843 | 0.00\% |
|  | Treasury | Treasury | 81,674,761 | 0.62\% |
|  | Dealer Total |  | 13,119,200,301 | 100.00\% |
| Merrill Lynch | ABS | AAA Page | of 160,724,506 | 2.89\% |
|  |  | AA | 4,740,298 | 0.45\% |
|  |  | A | 2,280,904 | 0.21\% |
|  |  | BBB | 13,954,887 | 1.31\% |
|  |  | RR | 1824618 | O 17\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Convertible Bonds-Domestic | Unkn Rtg (Triparty) | 471,385 | 0.04\% |
|  | Corporates-Domestic | AA | 743,419 | 0.07\% |
|  |  | A | 29,508,923 | 2.78\% |
|  |  | BBB | 32,111,028 | 3.02\% |
|  |  | BB | 26,329,594 | 2.48\% |
|  |  | B | 21,096,837 | 1.99\% |
|  |  | Unkn Rtg (Triparty) | 94,114,846 | 8.86\% |
|  | Corporates-Foreign | AAA | 1,400,504 | 0.13\% |
|  |  | AA | 284,554 | 0.03\% |
|  |  | A | 7,538,922 | 0.71\% |
|  |  | BBB | 56,254,202 | 5.30\% |
|  |  | BB | 186,411,577 | 17.56\% |
|  |  | B | 2,622,702 | 0.25\% |
|  |  | CCC-C | 3,014,215 | 0.28\% |
|  |  | D | 392,642 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 48,269,646 | 4.55\% |
|  | Foreign Sovereigns-Domestic | AAA | 760,892 | 0.07\% |
|  |  | BB | 352,322,983 | 33.18\% |
|  |  | B | 8,913,636 | 0.84\% |
|  |  | CCC-C | 568,828 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 3,015,820 | 0.28\% |
|  | MBS - Private (CMO) | AAA | 65,270,295 | 6.15\% |
|  |  | AA | 4,686,766 | 0.44\% |
|  |  | A | 2,677,539 | 0.25\% |
|  |  | BBB | 7,084,078 | 0.67\% |
|  |  | BB | 466,765 | 0.04\% |
|  |  | CCC-C | 1,380,236 | 0.13\% |
|  | Muni | B | 1,460,182 | 0.14\% |
|  | Supranational | AAA | 264,821 | 0.02\% |
|  | Dealer Total |  | 1,061,830,416 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Tuesday, March 17
William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 03/18/2009 12:18 PM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Tuesday, March 17

- Total PDCF borrowing on Tuesday was $\$ 20.08$ billion, an increase of $\$ 0.50$ billion from the prior day.
- Bank of America, including its Merrill Lynch London broker/dealer, is borrowing a combined $\$ 7.98$ billion against $\$ 8.64$ billion of collateral. Between Monday and Tuesday, the collateral provided by Bank of America shifted away from equities ( $17.2 \%$ to $11.9 \%$ ), mortgage backed securities ( $17.1 \%$ to $14.8 \%$ ), and mutual funds ( $32.3 \%$ to $30.2 \%$ ). Bank of America's collateral shifted towards a variety of asset types, most notably corporate debt ( $10.7 \%$ to $16.6 \%$ ) and municipal debt ( $0.3 \%$ to $2.8 \%$ ).
- Total PDCF collateral provided by all participants consists primarily of mutual funds ( $22.2 \%$ ), convertible debt (16.5\%), mortgage backed securities (14.8\%), and equities (13.3\%).

比<br>PDCF Charts and Tables - 20090317.doc<br>Regards,<br>Tony<br>Anthony Maglia<br>Markets Group<br>Federal Reserve Bank of New York<br>212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Tuesday, March 17, 2009

## Highlights

- Total PDCF borrowing on Tuesday was $\$ 20.08$ billion, an increase of $\$ 0.50$ billion from the prior day.
- Bank of America, including its Merrill Lynch London broker/dealer, is borrowing a combined $\$ 7.98$ billion against $\$ 8.64$ billion of collateral. Between Monday and Tuesday, the collateral provided by Bank of America shifted away from equities $(17.2 \%$ to $11.9 \%)$, mortgage backed securities ( $17.1 \%$ to $14.8 \%$ ), and mutual funds ( $32.3 \%$ to $30.2 \%$ ). Bank of America's collateral shifted towards a variety of asset types, most notably corporate debt ( $10.7 \%$ to $16.6 \%$ ) and municipal debt ( $0.3 \%$ to 2.8\%).
- Total PDCF collateral provided by all participants consists primarily of mutual funds (22.2\%), convertible debt ( $16.5 \%$ ), mortgage backed securities (14.8\%), and equities (13.3\%).


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 3 / 1 7 / 2 0 0 9}$ | $\mathbf{0 3 / 1 6 / 2 0 0 9}$ | $\mathbf{0 3 / 1 3 / 2 0 0 9}$ | $\mathbf{0 3 / 1 2 / 2 0 0 9}$ | $\mathbf{0 3 / 1 1 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 7.00 | 6.50 | 6.40 | 6.50 | 6.50 |
| Citigroup | 12.10 | 12.10 | 12.10 | 12.10 | 12.10 |
| Merrill Lynch | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Total Borrowings | $\mathbf{2 0 . 0 8}$ | $\mathbf{1 9 . 5 8}$ | $\mathbf{1 9 . 4 8}$ | $\mathbf{1 9 . 5 8}$ | $\mathbf{1 9 . 5 8}$ |


| Total Collateral | 21.77 | 21.22 | 21.1 | 21.22 | 21.2 |
| :--- | :---: | :---: | :---: | :---: | ---: |
|  |  |  |  |  |  |
| Collateral Cushion | $8.42 \%$ | $8.38 \%$ | $8.32 \%$ | $8.38 \%$ | $8.27 \%$ |

PDCF Borrowing Trend


## Composition of Collateral Pledged for March 17 Borrowings - in millions

[^88]| Rating $^{1}$ | Bank of America | Citigroup | Merrill Lynch | Total |
| :--- | ---: | ---: | ---: | ---: |
| Treasury | - | - | - | - |
| Agency | 86.2 | 325.6 | - | 411.7 |
| AAA | $2,567.6$ | $2,016.6$ | 98.6 | $4,682.8$ |
| AA | 129.9 | 154.5 | 10.5 | 295.0 |
| A | 180.3 | 317.5 | 41.9 | 539.7 |
| BBB | 187.8 | 746.6 | 109.4 | $1,043.7$ |
| BB | 135.6 | 940.9 | 568.9 | $1,645.4$ |
| B | 393.4 | $1,354.7$ | 40.9 | $1,788.9$ |
| CCC-C | $1,255.7$ | $1,479.0$ | 4.9 | $2,739.5$ |
| D | 446.6 | 403.2 | 0.4 | 850.3 |
| A-1 | - | 456.6 | - | 456.6 |
| A-2 | - | 49.5 | - | 49.5 |
| A-3 | - | - | - | - |
| NP | - | - | - | - |
| Equity | $1,029.4$ | $1,855.4$ | - | $\mathbf{2 , 8 8 4 . 8}$ |
| Unkn Rtg (Triparty) | $\mathbf{1 , 1 6 6 . 3}$ | $\mathbf{3 , 0 2 8 . 9}$ | $\mathbf{1 8 6 . 2}$ | $\mathbf{4 , 3 8 1 . 4}$ |
| Unkn Rtg (non-Triparty) | - | - | - | - |
| Total Collateral | $\mathbf{7 , 5 7 8 . 7}$ | $\mathbf{1 3 , 1 2 8 . 9}$ | $\mathbf{1 , 0 6 1 . 8}$ | $\mathbf{2 1 , 7 6 9 . 4}$ |
| Total Borrowings | $\mathbf{7 , 0 0 0 . 0}$ | $\mathbf{1 2 , 1 0 0 . 0}$ | $\mathbf{9 7 5 . 0}$ | $\mathbf{2 0 , 0 7 5 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 2 7 \%}$ | $\mathbf{8 . 5 0 \%}$ | $\mathbf{8 . 9 0 \%}$ | $\mathbf{8 . 4 4 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Page 5 of 16

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 25,605 | $0.00 \%$ |
| Agency | $411,731,411$ | $1.89 \%$ |
| AAA | $4,682,812,615$ | $21.51 \%$ |
| AA | $294,952,529$ | $1.35 \%$ |
| A | $539,686,602$ | $2.48 \%$ |
| BBB | $1,043,722,540$ | $4.79 \%$ |
| BB | $1,645,428,461$ | $7.56 \%$ |
| B | $1,788,941,208$ | $8.22 \%$ |
| CCC-C | $2,739,514,369$ | $12.58 \%$ |
| D | $850,273,245$ | $3.91 \%$ |
| A-1 | $456,618,576$ | $2.10 \%$ |
| A-2 | $2,884,495,675$ | $0.23 \%$ |
| Equity | $4,381,388,578$ | $13.25 \%$ |
| Unkn Rtg (Triparty) | $20.13 \%$ |  |
| Total | $21,769,399,622$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,202,659,282$ | $10.12 \%$ |
| Agency Debt | $411,731,411$ | $1.89 \%$ |
| CDs-CP-BAs | $521,039,251$ | $2.39 \%$ |
| CMBS | $76,306,870$ | $0.35 \%$ |
| Convertible Bonds-Domestic | $2,819,658,311$ | $12.95 \%$ |
| Convertible Bonds-Foreign | $769,322,206$ | $3.53 \%$ |
| Corporates-Domestic | $1,906,493,462$ | $8.76 \%$ |
| Corporates-Foreign | $416,430,405$ | $1.91 \%$ |
| Equity-Domestic | $2,361,139,846$ | $10.85 \%$ |
| Equity-Foreign | $523,668,363$ | $2.41 \%$ |
| Foreign Sovereigns-Domestic | $364,807,350$ | $1.68 \%$ |
| MBS - Private (CMO) | $3,227,604,639$ | $14.83 \%$ |
| Muni | $1,341,443,203$ | $6.16 \%$ |
| Mutual Fund | $4,826,799,504$ | $22.17 \%$ |
| Supranational | 269,916 | $0.00 \%$ |
| Treasury | 25,605 | $0.00 \%$ |
| Total | $21,769,399,622$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 54,889,382 | 0.72\% |
|  |  | A | 6,777,562 | 0.09\% |
|  |  | BBB | 40,144,799 | 0.53\% |
|  |  | BB | 65,291,712 | 0.86\% |
|  |  | B | 99,541,671 | 1.31\% |
|  |  | CCC-C | 276,805,319 | 3.65\% |
|  |  | D | 52,896,094 | 0.70\% |
|  |  | Unkn Rtg (Triparty) | 315,106,557 | 4.16\% |
|  | Agency Debt | Agency | 86,157,170 | 1.14\% |
|  | Convertible Bonds-Domestic | A | 173,511,111 | 2.29\% |
|  |  | BBB | 147,332,921 | 1.94\% |
|  |  | BB | 46,256,425 | 0.61\% |
|  |  | B | 3,649,782 | 0.05\% |
|  |  | CCC-C | 1,128,142 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 206,954,091 | 2.73\% |
|  | Corporates-Domestic | CCC-C | 146,369,848 | 1.93\% |
|  |  | D | 352,075,462 | 4.65\% |
|  |  | Unkn Rtg (Triparty) | 423,599,754 | 5.59\% |
|  | Equity-Domestic | Equity | 1,029,375,924 | 13.58\% |
|  | MBS - Private (CMO) | AAA | 522,708 | 0.01\% |
|  |  | BBB | 299,484 | 0.00\% |
|  |  | BB | 15,922,050 | 0.21\% |
|  |  | B | 290,182,034 | 3.83\% |
|  |  | CCC-C | 826,626,458 | 10.91\% |
|  |  | D | 41,671,211 | 0.55\% |
|  |  | Unkn Rtg (Triparty) | 21,835,839 | 0.29\% |
|  | Muni | AAA | 38,932,229 | 0.51\% |
|  |  | AA | 74,534,514 | 0.98\% |
|  |  | BB | 8,110,000 | 0.11\% |
|  |  | CCC-C | 4,750,000 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 115,264,257 | 1.52\% |
|  | Mutual Fund | AAA | 2,528,100,000 | 33.36\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 83,575,000 | 1.10\% |
|  | Treasury | Treasury | 25,605 | 0.00\% |
|  | Dealer Total |  | 7,578,715,113 | 100.00\% |
| Citigroup | ABS | AAA | 26,996,515 | 0.21\% |
|  |  | AA | 3,957,208 | 0.03\% |
|  |  | A | 40,228,061 | 0.31\% |
|  |  | BBB | 68,032,966 | 0.52\% |
|  |  | BB | 214,434,726 | 1.63\% |
|  |  | B | 408,326,473 | 3.11\% |
|  |  | CCC-C | Page 10 2025,800,796 | 1.72\% |
|  |  | D | 48,308,112 | 0.37\% |
|  |  | Unkn Rtg (Triparty) | 151,651,526 | 1.16\% |
|  | Agency Debt | Agency | 325,574,241 | 2.48\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | BBB | 434,223,858 | 3.31\% |
|  |  | BB | 210,989,309 | 1.61\% |
|  |  | B | 232,991,776 | 1.77\% |
|  |  | CCC-C | 82,806,978 | 0.63\% |
|  |  | D | 303,460,482 | 2.31\% |
|  |  | Unkn Rtg (Triparty) | 961,274,194 | 7.32\% |
|  | Convertible Bonds-Foreign | A | 38,570,292 | 0.29\% |
|  |  | BBB | 20,850,941 | 0.16\% |
|  |  | BB | 10,576,290 | 0.08\% |
|  |  | B | 46,755,140 | 0.36\% |
|  |  | Unkn Rtg (Triparty) | 652,569,543 | 4.97\% |
|  | Corporates-Domestic | A | 14,348,847 | 0.11\% |
|  |  | BB | 158,945,494 | 1.21\% |
|  |  | B | 114,230,193 | 0.87\% |
|  |  | CCC-C | 132,481,037 | 1.01\% |
|  |  | D | 996,663 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 359,265,402 | 2.74\% |
|  | Corporates-Foreign | A | 8,709,617 | 0.07\% |
|  |  | BBB | 1,214,486 | 0.01\% |
|  |  | D | 27,293 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 100,457,718 | 0.77\% |
|  | Equity-Domestic | Equity | 1,331,763,922 | 10.14\% |
|  | Equity-Foreign | Equity | 523,668,363 | 3.99\% |
|  | MBS - Private (CMO) | AAA | 109,876,650 | 0.84\% |
|  |  | AA | 8,870,003 | 0.07\% |
|  |  | A | 36,747,442 | 0.28\% |
|  |  | BBB | 17,039,878 | 0.13\% |
|  |  | BB | 268,889,394 | 2.05\% |
|  |  | B | 474,564,821 | 3.61\% |
|  |  | CCC-C | 892,856,808 | 6.80\% |
|  |  | D | 34,640,115 | 0.26\% |
|  |  | Unkn Rtg (Triparty) | 106,091,676 | 0.81\% |
|  | Muni | AAA | 151,608,499 | 1.15\% |
|  |  | AA | 141,664,832 | 1.08\% |
|  |  | A | 164,244,036 | 1.25\% |
|  |  | BBB | 205,210,049 | 1.56\% |
|  |  | BB | 77,074,374 | 0.59\% |
|  |  | B | 77,808,971 | 0.59\% |
|  |  | CCC-C | 145,028,117 | 1.10\% |
|  |  | D | 15,775,593 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 119,842,965 | 0.91\% |
|  | Mutual Fund | AAA | 1,728,150,000 | 13.16\% |
|  |  | Unkn Rtg (Triparty) | 486,474,504 | 3.71\% |
|  | Dealer Total |  | 13,128,901,164 | 100.00\% |
| Merrill Lynch | ABS | AAA Page | 3 of 160,995,138 | 2.92\% |
|  |  | AA | 4,782,575 | 0.45\% |
|  |  | A | 2,300,183 | 0.22\% |
|  |  | BBB | 14,074,119 | 1.33\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Convertible Bonds-Domestic | Unkn Rtg (Triparty) | 471,385 | 0.04\% |
|  | Corporates-Domestic | AA | 743,419 | 0.07\% |
|  |  | A | 29,515,816 | 2.78\% |
|  |  | BBB | 31,967,666 | 3.01\% |
|  |  | BB | 26,350,665 | 2.48\% |
|  |  | B | 21,251,267 | 2.00\% |
|  |  | Unkn Rtg (Triparty) | 94,351,929 | 8.89\% |
|  | Corporates-Foreign | AAA | 1,362,122 | 0.13\% |
|  |  | AA | 284,218 | 0.03\% |
|  |  | A | 7,425,655 | 0.70\% |
|  |  | BBB | 56,882,994 | 5.36\% |
|  |  | BB | 187,896,218 | 17.70\% |
|  |  | B | 2,645,721 | 0.25\% |
|  |  | CCC-C | 2,896,333 | 0.27\% |
|  |  | D | 422,220 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 46,205,810 | 4.35\% |
|  | Foreign Sovereigns-Domestic | AAA | 760,914 | 0.07\% |
|  |  | BB | 352,380,713 | 33.19\% |
|  |  | B | 8,069,075 | 0.76\% |
|  |  | CCC-C | 580,045 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 3,016,603 | 0.28\% |
|  | MBS - Private (CMO) | AAA | 65,237,924 | 6.14\% |
|  |  | AA | 4,726,377 | 0.45\% |
|  |  | A | 2,700,124 | 0.25\% |
|  |  | BBB | 6,448,382 | 0.61\% |
|  |  | BB | 470,776 | 0.04\% |
|  |  | CCC-C | 1,384,487 | 0.13\% |
|  | Muni | B | 1,594,768 | 0.15\% |
|  | Supranational | AAA | 269,916 | 0.03\% |
|  | Dealer Total |  | 1,061,783,346 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.
here's what I found in my in box under this subject--two reports.
------ Forwarded by Donald L Kohn/BOARD/FRS on 03/19/2009 09:52 AM -----
Michal

Lementowski/NY/FR
S@FRS
01/26/2009 05:22
PM

To Christine Cumming/NY/FRS@FRS, rita.c.proctor@frb.gov, Donald L Kohn/BOARD/FRS@BOARD, Brian F
Madigan/BOARD/FRS@BOARD, Meg McConnell/NY/FRS@FRS, William Dudley/NY/FRS@FRS, Debby Perelmuter/NY/FRS@FRS, Patricia Mosser/NY/FRS@FRS, Spence Hilton/NY/FRS@FRS, Susan McLaughlin/NY/FRS@FRS, Brian Peters/NY/FRS@FRS, Hayley Boesky/NY/FRS@FRS, Karin Kimbrough/NY/FRS@FRS, Lorie Logan/NY/FRS@FRS, Alejandro LaTorre/NY/FRS@FRS, Chris Burke/NY/FRS@FRS, Kristin Mayer/NY/FRS@FRS, Susan Stiehm/NY/FRS@FRS, Marie L Spicer/BOARD/FRS@BOARD, Arthur Angulo/NY/FRS@FRS, James P Bergin/NY/FRS@FRS, Til Schuermann/NY/FRS@FRS, William BRODOWS/NY/FRS@FRS, Andrew Danzig/NY/FRS@FRS, Sandy Krieger/NY/FRS@FRS, Steven Friedman/NY/FRS@FRS, Edward Murphy/NY/FRS@FRS, William Walsh/NY/FRS@FRS, Annmarie
RoweStraker/NY/FRS@FRS, Matthew Keenen/NY/FRS@FRS, Jonathan Stewart/NY/FRS@FRS, Agata Zhang/NY/FRS@FRS, Philip Bae/NY/FRS@FRS, Kevin Stiroh/NY/FRS@FRS, Anna Nordstrom/NY/FRS@FRS, Richard Dzina/NY/FRS@FRS, JohnP McGowan/NY/FRS@FRS
cc YoonHi Greene/NY/FRS@FRS, Michal Lementowski/NY/FRS@FRS, Warren Hrung/NY/FRS@FRS, James White/NY/FRS@FRS, NY Project 13/NY/FRS@FRS, Jeffrey Moore/NY/FRS@FRS, Anthony Maglia/NY/FRS@FRS, William W Chen/NY/FRS@FRS
Subject Primary Dealer Tri-Party Collateral Report 01-23-09

## RESTRICTED FR

The attached Primary Dealer Tri-Party Collateral Report contains information on the collateral posted at PDCF, TSLF and OMO through January 23, 2009.

## Highlights:

- Primary dealers borrowed $\$ 32.09$ billion at the PDCF on January 23, a $\$ 0.19$ billion decline from the $\$ 32.28$ billion borrowed on January 16 (p. 2 - lower half).
- The par value of Treasury securities outstanding through the TSLF fell to $\$ 124.38$ billion, a $6.6 \%$ decline from the $\$ 133.10$ billion outstanding on January 16. The drop came after both of last week's auctions were under subscribed. The weakening demand for Treasury securities through the program has resulted in the lowest level of TSLF borrowing since September 17 (p. 2 - lower half).
- The process of winding down the Single Tranche OMO program is near completion as the FRBNY did not conduct an operation for the third successive week. The amount borrowed through the program fell to $\$ 20$ billion, down from $\$ 40$ billion on January 16. The FRBNY did not conduct a regular OMO operation last week (p. $2-$ lower half).
- With the drop in borrowing through the TSLF and the winding down of the Single Tranche OMO program, Agency MBS has fallen as a percentage of total collateral in recent weeks. Currently, Agency MBS accounts for $52.1 \%$ of all collateral, compared to $57.4 \%$ last week and $65.6 \%$ on December 31. The remaining $48 \%$ of collateral is primarily composed of ABS ( $9.5 \%$ ), Corporate Bonds ( $9.2 \%$ ), Private Label MBS (9\%), Municipal Bonds (6.1\%), Equity (4\%), Auction Rate securities (3.1\%) and CMBS (3\%) (p. 6).
- Despite reducing overall borrowing from $\$ 55.7$ billion on January 16 to $\$ 54.4$ billion on January 23 , Citigroup remains the largest user of the liquidity programs. The firm made use of all three programs by borrowing $\$ 40.8$ billion through the TSLF, $\$ 13.1$ billion through the PDCF and $\$ 0.5$ billion through Single Tranche OMOs. Citi's collateral accounted for $26.9 \%$ of all collateral posted to the FRBNY and was primarily composed of Agency MBS (59.6\%), Municipal Bonds (12.3\%), Equity (11.1\%), Private Label MBS (6.3\%), ABS (3.8\%) and Corporate Bonds (3.5\%) (p. 9 - bottom right).
- Bank of America and Greenwich Capital were the only firms to notably increase their borrowing last week. Bank of America's borrowing is limited to TSLF, but the firm increased its use of the program from $\$ 1.24$ billion on January 16 to $\$ 4.78$ billion on January 23. Greenwich Capital's increase came despite the firm's Single Tranche OMO borrowing falling from roughly $\$ 2$ billion to $\$ 0$. However, the firm's TSLF borrowing totaled $\$ 24.1$ billion compared to $\$ 18.4$ billion on January 16 (p. 9/11).
- Most firms reduced their use of the liquidity programs last week. Amongst those firms were Credit Suisse and Goldman Sachs. Borrowing by both of these firms fell by roughly $35 \%$ after notable reductions in their use of the TSLF and Single Tranche OMO programs. Also noteworthy was JP Morgan's reduction in borrowing. JPMC's borrowing fell to $\$ 0.5$ billion after the firm reduced borrowing at the TSLF from $\$ 2.9$ billion on January 16 to $\$ 0$ on January 23. All of the JPMC's borrowing is now through the Single Tranche OMO program (p. 10-11).
- With PDCF borrowing relatively flat, the value of foreign denominated securities pledged by Citigroup, Merrill Lynch and Morgan Stanley was little changed at $\$ 2.2$ billion. These securities now account for $6.1 \%$ of total PDCF collateral (p. 9/12).

[^89]----- Forwarded by Donald L Kohn/BOARD/FRS on 03/19/2009 09:52 AM -----

## Michal <br> Lementowski/NY/FR S@FRS

02/02/2009 06:30
PM

To Christine Cumming/NY/FRS@FRS, rita.c.proctor@frb.gov, Donald L Kohn/BOARD/FRS@BOARD, Brian F Madigan/BOARD/FRS@BOARD, Meg McConnell/NY/FRS@FRS, William Dudley/NY/FRS@FRS, Debby Perelmuter/NY/FRS@FRS, Patricia Mosser/NY/FRS@FRS, Spence Hilton/NY/FRS@FRS,

$$
\begin{array}{ll}
\text { Susan McLaughlin/NY/FRS@FRS, Brian Peters/NY/FRS@FRS, } \\
& \text { Hayley Boesky/NY/FRS@FRS, Karin Kimbrough/NY/FRS@FRS, } \\
\text { Lorie Logan/NY/FRS@FRS, Alejandro LaTorre/NY/FRS@FRS, Chris } \\
& \text { Burke/NY/FRS@FRS, Kristin Mayer/NY/FRS@FRS, Susan } \\
& \text { Stiehm/NY/FRS@FRS, Marie L Spicer/BOARD/FRS@BOARD, } \\
\text { Arthur Angulo/NY/FRS@FRS, James P Bergin/NY/FRS@FRS, Til } \\
\text { Schuermann/NY/FRS@FRS, William BRODOWS/NY/FRS@FRS, } \\
\text { Andrew Danzig/NY/FRS@FRS, Sandy Krieger/NY/FRS@FRS, } \\
\text { Steven Friedman/NY/FRS@FRS, Edward Murphy/NY/FRS@FRS, } \\
\text { William Walsh/NY/FRS@FRS, Annmarie } \\
\text { RoweStraker/NY/FRS@FRS, Matthew Keenen/NY/FRS@FRS, } \\
\text { Jonathan Stewart/NY/FRS@FRS, Agata Zhang/NY/FRS@FRS, } \\
& \text { Philip Bae/NY/FRS@FRS, Kevin Stiroh/NY/FRS@FRS, Anna } \\
& \text { Nordstrom/NY/FRS@FRS, Richard Dzina/NY/FRS@FRS, JohnP } \\
& \text { McGowan/NY/FRS@FRS, Kathryn Chen/NY/FRS@FRS } \\
\text { cc } & \text { YoonHi Greene/NY/FRS@FRS, Michal Lementowski/NY/FRS@FRS, } \\
& \text { Warren Hrung/NY/FRS@FRS, James White/NY/FRS@FRS, NY } \\
& \text { Project 13/NY/FRS@FRS, Jeffrey Moore/NY/FRS@FRS, Anthony } \\
& \text { Maglia/NY/FRS@FRS, William W Chen/NY/FRS@FRS } \\
\text { Subject } & \text { Primary Dealer Tri-Party Collateral Report 01-30-09 }
\end{array}
$$

## RESTRICTED FR

The attached Primary Dealer Tri-Party Collateral Report contains information on the collateral posted at PDCF, TSLF and OMO through January 30, 2009.

## Highlights:

- Primary dealers borrowed $\$ 31.55$ billion at the PDCF on January 30, a $\$ 0.54$ billion decline from the $\$ 32.09$ billion borrowed on January 23. Overall, PDCF borrowing declined by $15.6 \%$ during January (p. 2 - lower half).
- The par value of Treasury securities outstanding through the TSLF fell from $\$ 124.38$ billion to $\$ 120.63$ billion last week after Wednesday's under subscribed Schedule 2 auction. Wednesday's auction continued the trend of weakening demand for Treasury securities through the program in January. For the month, the par value of outstanding Treasury securities fell roughly $30 \%$ (p. 2 lower half).
- The process of winding down the Single Tranche OMO program was completed last week. As a result, the $\$ 80$ billion outstanding through the program at the beginning of January was removed from the market. The FRBNY did not conduct a regular OMO operation last week (p. 2 - lower half).
- The winding down of the Single Tranche OMO and further drop in TSLF use has had a notable affect on the composition of collateral. Agency MBS now comprises $48.7 \%$ of all collateral, marking the first time that the asset class has accounted for less than $50 \%$ of all collateral since late October. The remaining $51 \%$ of collateral is primarily composed of Corporate Bonds (9.9\%), ABS (9.5\%), Private Label MBS (8.6\%), Municipal Bonds (7.6\%), Equities (3.9\%), Auction Rate Securities (3.6\%), CMBS (2.5\%) and CDs-CP (2.4\%) (p. 6).
- Citigroup's borrowing fell from $\$ 54.4$ billion on January 23 to $\$ 53.2$ on January 30 after the firm reduced borrowing slightly through all three programs. However, with most dealers reducing
their use of the liquidity facilities, Citigroup's continued demand for Fed loans makes it the largest counterparty through the programs. The firm's collateral as a percentage of overall collateral increased from $15.62 \%$ on December 31 to $30.25 \%$ on January 30 (p. 9 - bottom right).
- Bank of America increased their overall use of the liquidity facilities after renewing their PDCF borrowing last week. As of January 30, the firm is borrowing $\$ 1.13$ billion through the facility. Over the last week, Merrill Lynch's PDCF borrowing fell by $\$ 1.34$ billion to $\$ 9.89$ billion. A close look at the collateral posted by Bank of America and dropped by Merrill Lynch indicates that BofA is now financing securities in PDCF that Merrill was previously financing through the facility (p. 9/12).
- The slight drop in PDCF borrowing led to the value of foreign denominated securities pledged by Citigroup, Merrill Lynch and Morgan Stanley to fall from $\$ 2.2$ billion $\$ 2.1$ billion last week. These securities now account for $5.9 \%$ of total PDCF collateral (p. 9/12).
- The first of two supplements, provided on pages 14-18, presents dealer use of individual Fed facilities. Of note, the $\$ 80$ billion reduction in OMO borrowing has not resulted in increased borrowing through the TSLF or PDCF. In addition, Merrill Lynch and Morgan Stanley, unlike most dealers, are continuing to rely on the PDCF even as they draw down their use of TSLF (p. 14-18).
- The second supplement, on page 19 , illustrates the role of the liquidity facilities in the overall tri party repo market. Since early September, the size of the tri party repo market has dropped from roughly $\$ 2.5$ trillion to $\$ 2.1$ trillion. In recent weeks, the use of Federal Reserve liquidity facilities has fallen both by value and as a proportion of the total tri party repo market. As of January 23, the facilities account for roughly the same percentage of the overall tri party repo market as they did in early September, prior to Lehman's bankruptcy (p. 19).

Michal Lementowski<br>Markets Group<br>Federal Reserve Bank of New York<br>Phone: 212-720-6618

# Primary Dealer Collateral Report OMO, TSLF, PDCF Combined Exposure <br> 1/23/09 <br> Restricted F.R. 

## Highlights:

- Primary dealers borrowed $\$ 32.09$ billion at the PDCF on January 23, a $\$ 0.19$ billion decline from the $\$ 32.28$ billion borrowed on January 16 (p. 2 lower half).
- The par value of Treasury securities outstanding through the TSLF fell to $\$ 124.38$ billion, a $6.6 \%$ decline from the $\$ 133.10$ billion outstanding on January 16. The drop came after both of last week's auctions were under subscribed. The weakening demand for Treasury securities through the program has resulted in the lowest level of TSLF borrowing since September 17 (p. 2 - lower half).
- The process of winding down the Single Tranche OMO program is near completion as the FRBNY did not conduct an operation for the third successive week. The amount borrowed through the program fell to $\$ 20$ billion, down from $\$ 40$ billion on January 16. The FRBNY did not conduct a regular OMO operation last week (p. 2 - lower half).
- With the drop in borrowing through the TSLF and the winding down of the Single Tranche OMO program, Agency MBS has fallen as a percentage of total collateral in recent weeks. Currently, Agency MBS accounts for $52.1 \%$ of all collateral, compared to $57.4 \%$ last week and $65.6 \%$ on December 31. The remaining $48 \%$ of collateral is primarily composed of ABS ( $9.5 \%$ ), Corporate Bonds ( $9.2 \%$ ), Private Label MBS ( $9 \%$ ), Municipal Bonds (6.1\%), Equity (4\%), Auction Rate securities (3.1\%) and CMBS (3\%) (p. 6).
- Despite reducing overall borrowing from $\$ 55.7$ billion on January 16 to $\$ 54.4$ billion on January 23, Citigroup remains the largest user of the liquidity programs. The firm made use of all three programs by borrowing $\$ 40.8$ billion through the TSLF, $\$ 13.1$ billion through the PDCF and $\$ 0.5$ billion through Single Tranche OMOs. Citi's collateral accounted for $26.9 \%$ of all collateral posted to the FRBNY and was primarily composed of Agency MBS ( $59.6 \%$ ), Municipal Bonds (12.3\%), Equity ( $11.1 \%$ ), Private Label MBS ( $6.3 \%$ ), ABS ( $3.8 \%$ ) and Corporate Bonds ( $3.5 \%$ ) (p. 9 - bottom right).
- Bank of America and Greenwich Capital were the only firms to notably increase their borrowing last week. Bank of America's borrowing is limited to TSLF, but the firm increased its use of the program from $\$ 1.24$ billion on January 16 to $\$ 4.78$ billion on January 23. Greenwich Capital's increase came despite the firm's Single Tranche OMO borrowing falling from roughly $\$ 2$ billion to $\$ 0$. However, the firm's TSLF borrowing totaled $\$ 24.1$ billion compared to $\$ 18.4$ billion on January 16 (p. 9/11).
- Most firms reduced their use of the liquidity programs last week. Amongst those firms were Credit Suisse and Goldman Sachs. Borrowing by both of these firms fell by roughly $35 \%$ after notable reductions in their use of the TSLF and Single Tranche OMO programs. Also noteworthy was JP


## Restricted F.R.

Morgan's reduction in borrowing. JPMC's borrowing fell to $\$ 0.5$ billion after the firm reduced borrowing at the TSLF from $\$ 2.9$ billion on January 16 to $\$ 0$ on January 23. All of the JPMC's borrowing is now through the Single Tranche OMO program (p. 10-11).

- With PDCF borrowing relatively flat, the value of foreign denominated securities pledged by Citigroup, Merrill Lynch and Morgan Stanley was little changed at $\$ 2.2$ billion. These securities now account for $6.1 \%$ of total PDCF collateral (p.9/12).


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| Market Value of Collateral Pledged by Program | p. 2 |
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| Share of Collateral Pledged by Type and by Dealer | p. 3 |
| Cross Tables of Collateral Value by Type and Dealer | p. 4 |
| Time Series: by Dealer | p. 5 |
| Time Series: by Collateral Type | p. 6 |
| Time Series: by Rating | p. 7 |
| Time Series: Market Value of Agency MBS by Issuer and Type | p. 8 |
| Dealer Graphs: Collateral Value by Asset Type | p. $9-13$ |

Market Value of Collateral Pledged by Program ${ }^{1}$

[^90]

## Restricted F.R.

Share of Collateral Pledged by Type (inclusive of PDCF, TSLF, OMO, TOP) - 1/23/09


Share of Collateral Pledged by Dealer (inclusive of PDCF, TSLF, OMO, TOP) - 1/23/09


Collateral Value by Dealer and Collateral Type (in millions) ${ }^{2,3}-1 / 23 / 09$

| Dealer | Total | Other | Treasury | Agcy Debt | MBS - Agcy | MBS - Prvt | CMBS | Corp. | ABS | MUNI | Sup. Nat'I | Conv. Bonds | CDs-CP-BAs | Auct. Rate | Equity | Foreign Sov. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B of A | 5,119.7 |  | . | . | 3.1 | 807.0 | 1,484.4 | 409.3 | 1,616.6 | 799.4 |  |  |  |  |  |  |
| Barclays | 22,082.8 |  |  | 1.5 | 11,852.4 | 1,355.2 | 171.8 | 3,617.0 | 5,083.1 | 1.9 | . | . |  |  |  |  |
| Cantor | 2,689.1 |  |  |  | 2,689.1 |  |  |  |  |  |  |  |  |  |  |  |
| Citi | 58,021.5 | . | 92.4 | 81.9 | 34,587.5 | 3,647.3 | 754.0 | 2,015.0 | 2,179.8 | 7,124.2 | 0.2 | 1,054.5 |  |  | 6,449.1 | 35.7 |
| Credit Suisse | 28,276.5 | 147.2 | 0.1 | 5.9 | 15,508.1 | 1,716.0 | 566.6 | 7,856.0 | 1,868.2 | 143.9 |  |  | 464.6 |  |  |  |
| Daiwa | 521.4 | . | 0.1 | 91.4 | 430.0 | . | . |  |  |  | . | . | . |  |  |  |
| Deutsche | 7,028.4 |  |  |  | 520.1 | 4,860.4 | 904.5 |  | 743.5 |  |  |  |  |  |  |  |
| Goldman | 32,062.6 |  |  |  | 26,969.2 | 775.2 | 556.4 | 922.3 | 1,286.1 | 1,553.5 |  |  |  |  |  |  |
| Greenwich | 25,626.4 | 28.0 |  | . | 16,182.4 | 2,470.0 | 1,129.2 | 892.8 | 2,591.9 |  |  |  | 2,332.2 |  |  |  |
| HSBC | 325.3 | 12.9 | 3.2 | . | . | 68.7 | . |  | 126.3 | 114.1 | . |  |  |  |  |  |
| JPMC | 528.6 |  |  |  | 528.6 |  |  |  |  |  |  |  |  |  |  |  |
| Merrill Lynch | 18,900.0 | 1.1 | 10.0 | 17.7 | 1,016.0 | 2,907.8 | 456.7 | 1,933.2 | 4,395.2 | 2.2 | 0.3 | 486.1 | . | 6,681.2 | 462.0 | 530.5 |
| Mizuho | 19.8 |  |  | . |  |  |  | 19.8 |  | . | . |  |  | . |  |  |
| Morgan Stanley | 11,030.0 | 1,647.3 | 1.1 | 0.8 | 54.8 | 605.0 | 337.5 | 1,986.1 | 628.7 | 3,503.5 | 76.1 | 225.6 | 0.0 | . | 1,643.5 | 319.9 |
| Paribas | 2,384.0 |  |  |  | 2,178.9 | 205.1 |  |  |  |  |  |  |  |  |  |  |
| UBS | 1,253.4 | 31.2 | 0.1 | 995.6 | 3.5 |  |  | 219.4 |  | . | 3.7 |  | . | . | . |  |
| Total | 215,869.6 | 1,867.7 | 107.0 | 1,194.7 | 112,523.6 | 19,417.6 | 6,361.0 | 19,870.8 | 20,519.4 | 13,242.7 | 80.2 | 1,766.3 | 2,796.8 | 6,681.2 | 8,554.6 | 886.0 |

Share of Collateral Value by Dealer and Collateral Type ${ }^{2,3}$ - 1/23/09

| Dealer | Total | Other | Treasury | Agcy Debt | MBS - Agcy | MBS - Prvt | CMBS | Corp. | ABS | MUNI | Sup. Nat'l | Conv. Bonds | CDs-CP-BAs | Auct. Rate | Equity | Foreign Sov. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B of A | $237 \%$ |  | . |  | 0.00\% | 4.16\% | 23.34\% | 2.06\% | 7.88\% | 6.04\% |  |  |  |  |  |  |
| Barclays | 10 23\% |  |  | 0.13\% | 10.53\% | $698 \%$ | 2.70\% | 1820\% | 24.77\% | 0.01\% |  |  |  |  |  |  |
| Cantor | $125 \%$ |  |  |  | 2.39\% |  |  |  |  |  |  |  |  |  |  |  |
| Citi | 26.88\% |  | 86.40\% | 6.85\% | 30.74\% | 18.78\% | 11.85\% | 10.14\% | 10.62\% | 53.80\% | 0.20\% | 59.70\% |  |  | 75.39\% | 4 03\% |
| Credit Suisse | 13.10\% | 7.88\% | 0.06\% | 0.49\% | 13.78\% | 8 84\% | 8.91\% | 39.54\% | 9.10\% | 1.09\% |  |  | 16.61\% |  |  |  |
| Daiwa | 0 24\% |  | 0.09\% | 7.65\% | 0.38\% |  |  |  |  |  |  |  |  |  |  |  |
| Deutsche | 3 26\% |  |  |  | 0.46\% | 25.03\% | 14.22\% |  | 3.62\% |  |  |  |  |  |  |  |
| Goldman | 14 85\% |  |  |  | 23.97\% | 3 99\% | 8.75\% | 4 64\% | 6.27\% | 11.73\% |  |  |  |  |  |  |
| Greenwich | 11 87\% | 1.50\% |  |  | 14.38\% | 12.72\% | 17.75\% | 4.49\% | 12.63\% |  |  |  | 83.39\% |  |  |  |
| HSBC | 0.15\% | 0.69\% | 2.94\% |  |  | 0.35\% |  |  | 0.62\% | 0.86\% |  |  |  |  |  |  |
| JPMC | 0 24\% |  |  |  | 0.47\% |  |  |  |  |  |  |  |  |  |  |  |
| Merrill Lynch | 8.76\% | 0.06\% | 9.36\% | 1.48\% | 0.90\% | 14 98\% | 7.18\% | 9.73\% | 21.42\% | 0.02\% | 0.35\% | 27.52\% |  | 100.00\% | 5.40\% | 59.87\% |
| Mizuho | 0 01\% |  |  |  |  |  |  | 0.10\% |  |  |  |  |  |  |  |  |
| Morgan Stanley | 5.11\% | 88.20\% | 1.06\% | 0.07\% | 0.05\% | 3.12\% | 5.31\% | 10 00\% | 3.06\% | 26.46\% | 94.87\% | 12.77\% | 0.00\% |  | 19.21\% | 36.10\% |
| Paribas | 1.10\% | . | . | . | 1.94\% | 106\% |  |  |  |  |  |  |  |  |  |  |
| UBS | 0 58\% | 1.67\% | 0.09\% | 83.33\% | 0.00\% |  |  | 1.10\% |  |  | 4.57\% |  | . |  |  |  |
| Total | 100 00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100 00\% | 100.00\% | 100 00\% | 100.00\% | 100 00\% | 100.00\% | 100 00\% | 100.00\% | 100 00\% | 100.00\% | 100 00\% |

${ }^{2}$ Values highlighted in red denote the category maximum.
${ }^{3}$ Due to current gaps in our internal databases, descriptions of some type of assets are incomplete. The securities are labeled "Other" and are principally whole loans and foreign sovereign debt.


Share of Market Value of Collateral Pledged by Dealer


Market Value of Collateral Pledged by Collateral Type

## Restricted F.R.



Share of Market Value of Collateral Pledged by Collateral Type


Market Value of Collateral Pledged by Rating ${ }^{4}$

[^91]

Share of Market Value of Collateral Pledged by Rating ${ }^{4}$


## Restricted F.R.

Market Value of Pledged Agency MBS by Issuer ${ }^{5}$
sBb


Share of Pledged Agency MBS by Issuer ${ }^{5}$

[^92]

## Dealer Graphs

(Collateral Value by Asset Type)


## Dealer Graphs

(Collateral Value by Asset Type)


## Dealer Graphs

(Collateral Value by Asset Type)


## Dealer Graphs <br> (Collateral Value by Asset Type)



Dealer Graphs
(Collateral Value by Asset Type)


## Primary Dealer Collateral Report OMO, TSLF, PDCF Combined Exposure <br> 1/30/09 <br> Restricted F.R.

## Highlights:

- Primary dealers borrowed $\$ 31.55$ billion at the PDCF on January 30 , a $\$ 0.54$ billion decline from the $\$ 32.09$ billion borrowed on January 23 . Overall, PDCF borrowing declined by $15.6 \%$ during January (p. 2 - lower half).
- The par value of Treasury securities outstanding through the TSLF fell from $\$ 124.38$ billion to $\$ 120.63$ billion last week after Wednesday's under subscribed Schedule 2 auction. Wednesday's auction continued the trend of weakening demand for Treasury securities through the program in January. For the month, the par value of outstanding Treasury securities fell roughly $30 \%$ (p. 2 - lower half).
- The process of winding down the Single Tranche OMO program was completed last week. As a result, the $\$ 80$ billion outstanding through the program at the beginning of January was removed from the market. The FRBNY did not conduct a regular OMO operation last week (p. $2-$ lower half).
- The winding down of the Single Tranche OMO and further drop in TSLF use has had a notable affect on the composition of collateral. Agency MBS now comprises $48.7 \%$ of all collateral, marking the first time that the asset class has accounted for less than $50 \%$ of all collateral since late October. The remaining $51 \%$ of collateral is primarily composed of Corporate Bonds ( $9.9 \%$ ), ABS ( $9.5 \%$ ), Private Label MBS ( $8.6 \%$ ), Municipal Bonds ( $7.6 \%$ ), Equities ( $3.9 \%$ ), Auction Rate Securities (3.6\%), CMBS ( $2.5 \%$ ) and CDs-CP (2.4\%) (p. 6).
- Citigroup's borrowing fell from $\$ 54.4$ billion on January 23 to $\$ 53.2$ on January 30 after the firm reduced borrowing slightly through all three programs. However, with most dealers reducing their use of the liquidity facilities, Citigroup's continued demand for Fed loans makes it the largest counterparty through the programs. The firm's collateral as a percentage of overall collateral increased from $15.62 \%$ on December 31 to $30.25 \%$ on January 30 (p. 9 - bottom right).
- Bank of America increased their overall use of the liquidity facilities after renewing their PDCF borrowing last week. As of January 30, the firm is borrowing $\$ 1.13$ billion through the facility. Over the last week, Merrill Lynch's PDCF borrowing fell by $\$ 1.34$ billion to $\$ 9.89$ billion. A close look at the collateral posted by Bank of America and dropped by Merrill Lynch indicates that BofA is now financing securities in PDCF that Merrill was previously financing through the facility (p. 9/12).
- The slight drop in PDCF borrowing led to the value of foreign denominated securities pledged by Citigroup, Merrill Lynch and Morgan Stanley to fall from $\$ 2.2$ billion $\$ 2.1$ billion last week. These securities now account for $5.9 \%$ of total PDCF collateral (p. 9/12).


## Restricted F.R.

- The first of two supplements, provided on pages 14-18, presents dealer use of individual Fed facilities. Of note, the $\$ 80$ billion reduction in OMO borrowing has not resulted in increased borrowing through the TSLF or PDCF. In addition, Merrill Lynch and Morgan Stanley, unlike most dealers, are continuing to rely on the PDCF even as they draw down their use of TSLF (p. 14-18).
- The second supplement, on page 19, illustrates the role of the liquidity facilities in the overall tri party repo market. Since early September, the size of the tri party repo market has dropped from roughly $\$ 2.5$ trillion to $\$ 2.1$ trillion. In recent weeks, the use of Federal Reserve liquidity facilities has fallen both by value and as a proportion of the total tri party repo market. As of January 23, the facilities account for roughly the same percentage of the overall tri party repo market as they did in early September, prior to Lehman's bankruptcy (p. 19).


## Contents:

| Market Value of Collateral Pledged by Program | p. 2 |
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| Share of Collateral Pledged by Type and by Dealer | p. 3 |
| Cross Tables of Collateral Value by Type and Dealer | p. 4 |
| Time Series: by Dealer | p. 5 |
| Time Series: by Collateral Type | p. 6 |
| Time Series: by Rating | p. 7 |
| Time Series: Market Value of Agency MBS by Issuer and Type | p. 8 |
| Dealer Graphs: Collateral Value by Asset Type | p. $9-13$ |
| Dealer Graphs: Collateral Value by Program | p. $14-18$ |
| Time Series: Composition of Collateral in Tri Party Repo Agreements | p. 19 |

Market Value of Collateral Pledged by Program ${ }^{1}$

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## Restricted F.R.

Share of Collateral Pledged by Type (inclusive of PDCF, TSLF, OMO, TOP) - 1/30/09


Share of Collateral Pledged by Dealer (inclusive of PDCF, TSLF, OMO, TOP) - 1/30/09


Collateral Value by Dealer and Collateral Type (in millions) ${ }^{2,3}-1 / 30 / 09$

| Dealer | Total | Other | Treasury | Agcy Debt | MBS - Agcy | MBS - Prvt | CMBS | Corp. | ABS | MUNI | Sup. Nat'I | Conv. Bonds | CDs-CP-BAs | Auct. Rate | Equity | Foreign Sov. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B of A | 6,318.8 |  |  | 7.2 | 2.9 | 1,588.4 | 423.3 | 93.3 | 2,904.1 | 1,282.4 |  | . | . |  | 17.3 |  |
| Barclays | 15,324.9 | . | . | 1.5 | 6,528.8 | 811.1 | 121.0 | 3,088.1 | 4,772.6 | 19 |  |  | . |  |  |  |
| Cantor | 637.2 |  | . |  | 637.2 |  |  |  |  |  |  |  |  |  |  |  |
| Citi | 56,661.1 |  | 195.3 | 859.5 | 33,829.4 | 2,283.3 | 547.1 | 1,934.4 | 2,097 9 | 7,913.1 | 39.5 | 1,542.7 | 254.2 |  | 5,164.6 |  |
| Credit Suisse | 19,754.3 | 411.7 | 0.1 | 5.8 | 6,958.3 | 1,809.2 | 795.8 | 7,606.3 | 1,633 9 | 139.7 |  |  | 393.6 |  |  |  |
| Deutsche | 6,436.2 | . | . | . | . | 4,547.4 | 1,003.4 |  | 8853 |  |  | . | . | . | . |  |
| Goldman | 25,136.8 |  |  |  | 20,173.8 | 694.4 | 631.9 | 877.6 | 1,222.4 | 1,536 8 |  |  |  |  |  |  |
| Greenwich | 28,396.6 | 30.2 |  |  | 17,229.0 | 3,218.9 | 980.0 | 896.8 | 2,129 6 |  |  |  | 3,912.2 |  |  |  |
| HSBC | 321.6 |  | 3.2 | . |  | 66.2 |  | 49.2 | 102.7 | 1005 |  |  |  |  |  |  |
| Merrill Lynch | 17,292.7 | 1.0 | 10.1 | 14.6 | 5,813.7 | 244.0 |  | 2,122.4 | 7903 | 13 | 0.3 | 479.1 | . | 6,811.0 | 558.6 | 446.6 |
| Mizuho | 73.4 |  |  | . |  |  |  | 36.8 |  |  |  |  | . |  | 36.6 |  |
| Morgan Stanley | 10,644.0 | 1,638.3 | 1.1 | 0.9 | 3.3 | 517.0 | 140.1 | 1,908 9 | 1,217.4 | 3,178 0 | 2.6 | 258.9 | 0.0 | . | 1,602.3 | 175.2 |
| Paribas | 288.2 |  |  |  | 29.1 | 248.0 |  |  | 11.1 |  |  |  |  |  |  |  |
| Total | 187,285.9 | 2,081.2 | 209.8 | 889.5 | 91,205.5 | 16,027.7 | 4,642.5 | 18,613.6 | 17,767 2 | 14,153 6 | 42.4 | 2,280.7 | 4,560.0 | 6,8110 | 7,379.4 | 621.8 |

Share of Collateral Value by Dealer and Collateral Type ${ }^{2,3}$ - 1/30/09

| Dealer | Total | Other | Treasury | Agcy Debt | MBS - Agcy | MBS - Prvt | CMBS | Corp. | ABS | MUNI | Sup. Nat'l | Conv. Bonds | CDs-CP-BAs | Auct. Rate | Equity | Foreign Sov. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B of A | 3.37\% | . |  | 0.80\% | 0.00\% | 9.91\% | 9.12\% | 0.50\% | 16.35\% | 9.06\% |  |  |  |  | 0.24\% |  |
| Barclays | 8.18\% |  |  | 0.17\% | 7.16\% | 5.06\% | 2.61\% | 16.59\% | 26.86\% | 0.01\% |  |  |  |  |  |  |
| Cantor | 0.34\% |  |  |  | 0.70\% |  |  |  |  |  |  |  |  |  |  |  |
| Citi | 30.25\% |  | 93.12\% | 96.64\% | 37.09\% | 14.25\% | 11.78\% | 10.39\% | 11.81\% | 55.91\% | 93.28\% | 67.64\% | 5.57\% |  | 69.99\% |  |
| Credit Suisse | 10.55\% | 19.78\% | 0 03\% | 0.66\% | 7.63\% | 11.29\% | 17.14\% | 40.86\% | 9.20\% | 0.99\% |  |  | 8.63\% |  |  |  |
| Deutsche | 3.44\% | . | . | . |  | 28.37\% | 21.61\% |  | 4.98\% |  |  |  |  |  |  |  |
| Goldman | 13.42\% |  |  |  | 22.12\% | 4.33\% | 13.61\% | 4.71\% | 6.88\% | 10.86\% |  |  |  |  |  |  |
| Greenwich | 15.16\% | 1.45\% |  |  | 18.89\% | 20.08\% | 21.11\% | 4.82\% | 11.99\% |  |  |  | 85.79\% |  |  |  |
| HSBC | 0.17\% |  | 150\% |  |  | 0.41\% |  | 0.26\% | 0.58\% | 0.71\% |  |  |  |  |  |  |
| Merrill Lynch | 9.23\% | 0.05\% | $483 \%$ | 1.64\% | 6.37\% | 1.52\% | . | 11.40\% | 4.45\% | 0.01\% | 0.69\% | 21 01\% |  | 100.00\% | 7.57\% | 71.82\% |
| Mizuho | 0.04\% |  |  |  |  |  |  | 0.20\% |  |  |  |  |  |  | 0.50\% |  |
| Morgan Stanley | 5.68\% | 78.72\% | 0 52\% | 0.10\% | 0.00\% | 3.23\% | 3.02\% | 10.26\% | 6.85\% | 22.45\% | 6.04\% | 11 35\% | 0.00\% |  | 21.71\% | 28.18\% |
| Paribas | 0.15\% |  |  |  | 0.03\% | 1.55\% |  |  | 0.06\% |  |  |  |  |  |  |  |
| Total | 100.00\% | 100.00\% | 100 00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100 00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |

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Share of Market Value of Collateral Pledged by Dealer


Market Value of Collateral Pledged by Collateral Type


Share of Market Value of Collateral Pledged by Collateral Type


Market Value of Collateral Pledged by Rating ${ }^{4}$

[^95]
## Restricted F.R.



Share of Market Value of Collateral Pledged by Rating ${ }^{4}$


## Restricted F.R.

Market Value of Pledged Agency MBS by Issuer ${ }^{5}$
sBb


Share of Pledged Agency MBS by Issuer ${ }^{5}$

[^96]

## Dealer Graphs

(Collateral Value by Asset Type)


## Dealer Graphs

(Collateral Value by Asset Type)


## Dealer Graphs

(Collateral Value by Asset Type)


## Dealer Graphs <br> (Collateral Value by Asset Type)



## Restricted F.R.

Dealer Graphs
(Collateral Value by Asset Type)


## Dealer Graphs

 (Collateral Value by Program)




## Dealer Graphs

 (Collateral Value by Program)




## Dealer Graphs <br> (Collateral Value by Program)






## Dealer Graphs

 (Collateral Value by Program)

## Dealer Graphs (Collateral Value by Program)



## Composition of TriParty Financing - Market Value in Billions



Distribution of TriParty Financing - Percent of Total Collateral


PDCF collateral report for Wednesday, March 18
William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 03/19/2009 11:07 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Wednesday, March 18

- Total PDCF borrowing on Wednesday was unchanged from Tuesday and remained at $\$ 20.08$ billion.
- Citigroup remains the largest participant in the facility providing $\$ 13.12$ billion of collateral against $\$ 12.10$ billion of borrowing for a cushion of $8.43 \%$. Since March 6th, Citigroup's borrowing level has been constant and the collateral cushion has been consistently between $8.18 \%$ and $8.51 \%$.
- Of the $\$ 21.76$ billion of collateral provided by all participants, $33.6 \%$ are investment grade securities, $32.9 \%$ are non-investment grade securities, $13.6 \%$ are equities, and $19.9 \%$ are securities with unknown ratings.


## 壮

PDCF Charts and Tables - 20090318 .doc
Regards, Tony

Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Wednesday, March 18, 2009

## Highlights

- Total PDCF borrowing on Wednesday was unchanged from Tuesday and remained at $\$ 20.08$ billion.
- Citigroup remains the largest participant in the facility providing $\$ 13.12$ billion of collateral against $\$ 12.10$ billion of borrowing for a cushion of $8.43 \%$. Since March $6^{\text {th }}$, Citigroup's borrowing level has been constant and the collateral cushion has been consistently between $8.18 \%$ and $8.51 \%$.
- Of the $\$ 21.76$ billion of collateral provided by all participants, $33.6 \%$ are investment grade securities, $32.9 \%$ are noninvestment grade securities, $13.6 \%$ are equities, and $19.9 \%$ are securities with unknown ratings.

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 3 / 1 8 / 2 0 0 9}$ | $\mathbf{0 3 / 1 7 / 2 0 0 9}$ | $\mathbf{0 3 / 1 6 / 2 0 0 9}$ | $\mathbf{0 3 / 1 3 / 2 0 0 9}$ | $\mathbf{0 3 / 1 2 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 7.00 | 7.00 | 6.50 | 6.40 | 6.50 |
| Citigroup | 12.10 | 12.10 | 12.10 | 12.10 | 12.10 |
| Merrill Lynch | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Total Borrowings | $\mathbf{2 0 . 0 8}$ | $\mathbf{2 0 . 0 8}$ | $\mathbf{1 9 . 5 8}$ | $\mathbf{1 9 . 4 8}$ | $\mathbf{1 9 . 5 8}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{2 1 . 7 6}$ | $\mathbf{2 1 . 7 7}$ | $\mathbf{2 1 . 2 2}$ | $\mathbf{2 1 . 1}$ | $\mathbf{2 1 . 2 2}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 3 7 \%}$ | $\mathbf{8 . 4 2 \%}$ | $\mathbf{8 . 3 8 \%}$ | $\mathbf{8 . 3 2 \%}$ | $\mathbf{8 . 3 8 \%}$ |

PDCF Borrowing Trend


## Composition of Collateral Pledged for March 18 Borrowings - in millions

[^97]| Rating $^{1}$ | Bank of America | Citigroup | Merrill Lynch | Total |
| :--- | ---: | ---: | ---: | ---: |
| Treasury | - | 27.9 | - | 27.9 |
| Agency | 56.0 | 344.8 | - | 400.8 |
| AAA | $2,547.9$ | $1,852.1$ | 188.8 | $4,588.8$ |
| AA | 127.3 | 185.3 | 10.5 | 323.1 |
| A | 185.4 | 326.5 | 5.6 | 517.5 |
| BBB | 195.3 | 754.2 | 76.9 | $1,026.4$ |
| BB | 184.4 | 960.9 | 567.0 | $1,712.3$ |
| B | 428.0 | $1,313.9$ | 30.3 | $1,772.1$ |
| CCC-C | $1,283.6$ | $1,499.5$ | 4.3 | $2,787.5$ |
| D | 461.7 | 427.2 | 0.4 | 889.4 |
| A-1 | - | 371.6 | - | 371.6 |
| A-2 | - | 47.6 | - | 47.6 |
| A-3 | - | 1.0 | - | 1.0 |
| NP | - | - | - | - |
| Equity | $1,008.1$ | $1,950.0$ | - | $\mathbf{2 , 9 5 8 . 1}$ |
| Unkn Rtg (Triparty) | $\mathbf{1 , 0 9 8 . 9}$ | $3,057.4$ | 180.6 | $\mathbf{4 , 3 3 6 . 9}$ |
| Unkn Rtg (non-Triparty) | - | - | - | - |
| Total Collateral | $\mathbf{7 , 5 7 6 . 7}$ | $\mathbf{1 3 , 1 1 9 . 9}$ | $\mathbf{1 , 0 6 4 . 4}$ | $\mathbf{2 1 , 7 6 1 . 1}$ |
| Total Borrowings | $\mathbf{7 , 0 0 0 . 0}$ | $\mathbf{1 2 , 1 0 0 . 0}$ | $\mathbf{9 7 5 . 0}$ | $\mathbf{2 0 , 0 7 5 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 2 4 \%}$ | $\mathbf{8 . 4 3 \%}$ | $\mathbf{9 . 1 7 \%}$ | $\mathbf{8 . 4 0 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Page 5 of 15

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $27,899,774$ | $0.13 \%$ |
| Agency | $400,849,631$ | $1.84 \%$ |
| AAA | $4,588,811,444$ | $21.09 \%$ |
| AA | $323,071,274$ | $1.48 \%$ |
| A | $517,492,328$ | $2.38 \%$ |
| BBB | $1,026,361,339$ | $4.72 \%$ |
| BB | $1,712,344,224$ | $7.87 \%$ |
| B | $1,772,119,367$ | $8.14 \%$ |
| CCC-C | $2,787,466,675$ | $12.81 \%$ |
| D | $889,426,631$ | $4.09 \%$ |
| A-1 | $371,610,247$ | $1.71 \%$ |
| A-2 | $47,605,392$ | $0.22 \%$ |
| A-3 | 999,970 | $0.00 \%$ |
| Equity | $2,958,108,711$ | $13.59 \%$ |
| Unkn Rtg (Triparty) | $4,336,884,188$ | $19.93 \%$ |
| Total | $21,761,051,191$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,179,624,794$ | $10.02 \%$ |
| Agency Debt | $400,849,631$ | $1.84 \%$ |
| CDs-CP-BAs | $544,590,609$ | $2.50 \%$ |
| CMBS | $77,063,413$ | $0.35 \%$ |
| Convertible Bonds-Domestic | $2,913,040,868$ | $13.39 \%$ |
| Convertible Bonds-Foreign | $628,628,380$ | $2.89 \%$ |
| Corporates-Domestic | $1,927,606,238$ | $8.86 \%$ |
| Corporates-Foreign | $414,498,901$ | $1.90 \%$ |
| Equity-Domestic | $2,438,801,745$ | $11.21 \%$ |
| Equity-Foreign | $519,306,966$ | $2.39 \%$ |
| Foreign Sovereigns-Domestic | $353,199,377$ | $1.62 \%$ |
| MBS - Private (CMO) | $3,233,263,087$ | $14.86 \%$ |
| Muni | $1,372,614,041$ | $6.31 \%$ |
| Mutual Fund | $4,730,063,370$ | $21.74 \%$ |
| Treasury | $27,899,774$ | $0.13 \%$ |
| Total | $21,761,051,191$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 54,918,499 | 0.72\% |
|  |  | A | 6,777,458 | 0.09\% |
|  |  | BBB | 40,159,350 | 0.53\% |
|  |  | BB | 70,624,780 | 0.93\% |
|  |  | B | 132,583,101 | 1.75\% |
|  |  | CCC-C | 301,119,016 | 3.97\% |
|  |  | D | 57,252,421 | 0.76\% |
|  |  | Unkn Rtg (Triparty) | 215,081,426 | 2.84\% |
|  | Agency Debt | Agency | 56,036,132 | 0.74\% |
|  | Convertible Bonds-Domestic | A | 178,630,032 | 2.36\% |
|  |  | BBB | 148,058,103 | 1.95\% |
|  |  | BB | 82,284,024 | 1.09\% |
|  |  | B | 9,920,131 | 0.13\% |
|  |  | CCC-C | 1,151,014 | 0.02\% |
|  |  | D | 10,631,435 | 0.14\% |
|  |  | Unkn Rtg (Triparty) | 235,028,760 | 3.10\% |
|  | Corporates-Domestic | CCC-C | 149,495,362 | 1.97\% |
|  |  | D | 352,176,120 | 4.65\% |
|  |  | Unkn Rtg (Triparty) | 419,028,256 | 5.53\% |
|  | Equity-Domestic | Equity | 1,008,102,525 | 13.31\% |
|  | MBS - Private (CMO) | AAA | 523,516 | 0.01\% |
|  |  | BBB | 299,064 | 0.00\% |
|  |  | BB | 23,420,772 | 0.31\% |
|  |  | B | 285,470,900 | 3.77\% |
|  |  | CCC-C | 827,119,213 | 10.92\% |
|  |  | D | 41,681,343 | 0.55\% |
|  |  | Unkn Rtg (Triparty) | 19,930,206 | 0.26\% |
|  | Muni | AAA | 25,954,329 | 0.34\% |
|  |  | AA | 71,893,542 | 0.95\% |
|  |  | BBB | 6,745,791 | 0.09\% |
|  |  | BB | 8,110,000 | 0.11\% |
|  |  | CCC-C | 4,750,000 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 111,307,543 | 1.47\% |
|  | Mutual Fund | AAA | 2,521,400,000 | 33.28\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 98,550,000 | 1.30\% |
|  | Treasury | Treasury | 16,627 | 0.00\% |
|  | Dealer Total |  | 7,576,730,790 | 100.00\% |
| Citigroup | ABS | AAA | 26,991,204 | 0.21\% |
|  |  | AA | 3,957,478 | 0.03\% |
|  |  | A | 37,623,788 | 0.29\% |
|  |  | BBB | 68,064,328 | 0.52\% |
|  |  | BB | Page 10 20, 1,729,002 | 1.61\% |
|  |  | B | 370,012,015 | 2.82\% |
|  |  | CCC-C | 279,503,828 | 2.13\% |
|  |  | D | 48,593,977 | 0.37\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | CDs-CP-BAs (con't) | Unkn Rtg (Triparty) | 124,375,000 | 0.95\% |
|  | CMBS | Unkn Rtg (Triparty) | 77,063,413 | 0.59\% |
|  | Convertible Bonds-Domestic | A | 14,619,791 | 0.11\% |
|  |  | BBB | 447,278,582 | 3.41\% |
|  |  | BB | 213,310,352 | 1.63\% |
|  |  | B | 228,871,919 | 1.74\% |
|  |  | CCC-C | 77,394,477 | 0.59\% |
|  |  | D | 315,415,765 | 2.40\% |
|  |  | Unkn Rtg (Triparty) | 949,975,098 | 7.24\% |
|  | Convertible Bonds-Foreign | A | 44,075,620 | 0.34\% |
|  |  | BBB | 16,730,506 | 0.13\% |
|  |  | BB | 9,830,157 | 0.07\% |
|  |  | B | 54,243,463 | 0.41\% |
|  |  | Unkn Rtg (Triparty) | 503,748,634 | 3.84\% |
|  | Corporates-Domestic | A | 21,745,595 | 0.17\% |
|  |  | BB | 191,314,398 | 1.46\% |
|  |  | B | 110,226,481 | 0.84\% |
|  |  | CCC-C | 119,092,018 | 0.91\% |
|  |  | D | 12,726,226 | 0.10\% |
|  |  | Unkn Rtg (Triparty) | 411,195,110 | 3.13\% |
|  | Corporates-Foreign | A | 8,693,961 | 0.07\% |
|  |  | BBB | 1,212,376 | 0.01\% |
|  |  | CCC-C | 1,860,399 | 0.01\% |
|  |  | D | 28,602 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 110,684,891 | 0.84\% |
|  | Equity-Domestic | Equity | 1,430,699,221 | 10.90\% |
|  | Equity-Foreign | Equity | 519,306,966 | 3.96\% |
|  | MBS - Private (CMO) | AAA | 49,541,670 | 0.38\% |
|  |  | AA | 8,862,464 | 0.07\% |
|  |  | A | 36,702,069 | 0.28\% |
|  |  | BBB | 16,230,969 | 0.12\% |
|  |  | BB | 257,820,672 | 1.97\% |
|  |  | B | 472,883,218 | 3.60\% |
|  |  | CCC-C | 876,769,365 | 6.68\% |
|  |  | D | 34,692,280 | 0.26\% |
|  |  | Unkn Rtg (Triparty) | 106,134,532 | 0.81\% |
|  | Muni | AAA | 150,940,196 | 1.15\% |
|  |  | AA | 172,434,162 | 1.31\% |
|  |  | A | 163,003,770 | 1.24\% |
|  |  | BBB | 204,677,771 | 1.56\% |
|  |  | BB | 76,881,735 | 0.59\% |
|  |  | B | 77,653,184 | 0.59\% |
|  |  | CCC-C | 144,927,057 | 1.10\% |
|  |  | D | 15,780,745 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | Page 137,0941316 | 1.05\% |
|  | Mutual Fund | AAA | 1,624,650,000 | 12.38\% |
|  |  | Unkn Rtg (Triparty) | 484,963,370 | 3.70\% |
|  | Treasury | Treasury | 27,883,147 | 0.21\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | ABS (con't) | A | 2,296,338 | 0.22\% |
|  |  | BBB | 14,036,196 | 1.32\% |
|  |  | BB | 1,837,517 | 0.17\% |
|  |  | B | 6,923,285 | 0.65\% |
|  |  | Unkn Rtg (Triparty) | 42,131,699 | 3.96\% |
|  | Convertible Bonds-Domestic | Unkn Rtg (Triparty) | 471,385 | 0.04\% |
|  | Corporates-Domestic | AA | 743,419 | 0.07\% |
|  |  | BB | 25,056,303 | 2.35\% |
|  |  | B | 21,252,727 | 2.00\% |
|  |  | Unkn Rtg (Triparty) | 93,554,222 | 8.79\% |
|  | Corporates-Foreign | AA | 282,462 | 0.03\% |
|  |  | A | 382,773 | 0.04\% |
|  |  | BBB | 54,279,595 | 5.10\% |
|  |  | BB | 187,216,018 | 17.59\% |
|  |  | B | 2,078,942 | 0.20\% |
|  |  | CCC-C | 2,901,662 | 0.27\% |
|  |  | D | 447,716 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 44,429,504 | 4.17\% |
|  | Foreign Sovereigns-Domestic | AAA | 760,937 | 0.07\% |
|  |  | BB | 352,438,441 | 33.11\% |
|  | MBS - Private (CMO) | AAA | 157,095,216 | 14.76\% |
|  |  | AA | 4,702,460 | 0.44\% |
|  |  | A | 2,941,132 | 0.28\% |
|  |  | BBB | 8,588,708 | 0.81\% |
|  |  | BB | 470,054 | 0.04\% |
|  |  | CCC-C | 1,383,263 | 0.13\% |
|  | Dealer Total |  | 1,064,433,137 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Thursday, March 19
William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Thursday, March 19

- Total PDCF borrowing on Thursday remained at $\$ 20.08$ billion, unchanged over the last three borrowing days.
- Bank of America, including its Merrill Lynch London broker/dealer, is borrowing a combined $\$ 7.98$ billion against $\$ 8.65$ billion of collateral. Over the past week, Bank of America's collateral composition has remained relatively stable, although there has been a modest increase in convertible debt collateral ( $3.3 \%$ to $7.8 \%$ ). Currently, Bank of America's collateral consists primarily of mutual funds ( $30.3 \%$ ), mortgage backed securities ( $15.9 \%$ ), and corporate debt ( $14.8 \%$ ).
- As compared to March 12th, the total collateral provided by all participants showed a 1.7 percentage point decline in the proportion of non-investment grade securities provided and a corresponding 1.7 percentage point increase in the proportion of securities with unknown ratings. Currently, of the collateral provided by all participants, $33.8 \%$ are investment grade securities, $31 \%$ are non-investment grade securities, $14.1 \%$ are equities, and $21.2 \%$ are securities with unknown ratings.


PDCF Chatts and Tables - 20090319.doc
Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Thursday, March 19, 2009

## Highlights

- Total PDCF borrowing on Thursday remained at $\$ 20.08$ billion, unchanged over the last three borrowing days.
- Bank of America, including its Merrill Lynch London broker/dealer, is borrowing a combined $\$ 7.98$ billion against $\$ 8.65$ billion of collateral. Over the past week, Bank of America's collateral composition has remained relatively stable, although there has been a modest increase in convertible debt collateral ( $3.3 \%$ to $7.8 \%$ ). Currently, Bank of America's collateral consists primarily of mutual funds ( $30.3 \%$ ), mortgage backed securities ( $15.9 \%$ ), and corporate debt ( $14.8 \%$ ).
- As compared to March $12^{\text {th }}$, the total collateral provided by all participants showed a 1.7 percentage point decline in the proportion of non-investment grade securities provided and a corresponding 1.7 percentage point increase in the proportion of securities with unknown ratings. Currently, of the collateral provided by all participants, $33.8 \%$ are investment grade securities, $31 \%$ are non-investment grade securities, $14.1 \%$ are equities, and $21.2 \%$ are securities with unknown ratings.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 3 / 1 9 / 2 0 0 9}$ | $\mathbf{0 3 / 1 8 / 2 0 0 9}$ | $\mathbf{0 3 / 1 7 / 2 0 0 9}$ | $\mathbf{0 3 / 1 6 / 2 0 0 9}$ | $\mathbf{0 3 / 1 3 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 7.00 | 7.00 | 7.00 | 6.50 | 6.40 |
| Citigroup | 12.10 | 12.10 | 12.10 | 12.10 | 12.10 |
| Merrill Lynch | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Total Borrowings | $\mathbf{2 0 . 0 8}$ | $\mathbf{2 0 . 0 8}$ | $\mathbf{2 0 . 0 8}$ | $\mathbf{1 9 . 5 8}$ | $\mathbf{1 9 . 4 8}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{2 1 . 7 7}$ | $\mathbf{2 1 . 7 6}$ | $\mathbf{2 1 . 7 7}$ | $\mathbf{2 1 . 2 2}$ | $\mathbf{2 1 . 1}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 4 2 \%}$ | $\mathbf{8 . 3 7 \%}$ | $\mathbf{8 . 4 2 \%}$ | $\mathbf{8 . 3 8 \%}$ | $\mathbf{8 . 3 2 \%}$ |

PDCF Borrowing Trend


Composition of Collateral Pledged for March 19 Borrowings - in millions

[^98]| Rating ${ }^{1}$ | Bank of America | Citigroup | Merrill Lynch | Total |
| :--- | ---: | ---: | ---: | ---: |
| Treasury | - | - | - | - |
| Agency | 87.0 | 325.6 | - | 412.5 |
| AAA | $2,519.9$ | $2,165.8$ | 189.7 | $4,875.4$ |
| AA | 55.4 | 113.9 | 10.5 | 179.8 |
| A | 169.3 | 326.5 | 41.9 | 537.7 |
| BBB | 188.6 | 756.5 | 110.4 | $1,055.6$ |
| BB | 137.9 | 909.6 | 430.8 | $1,478.2$ |
| B | 431.0 | $1,343.7$ | 86.9 | $1,861.6$ |
| CCC-C | $1,276.4$ | $1,518.2$ | 4.9 | $2,799.5$ |
| D | 463.6 | 137.5 | 0.5 | 601.5 |
| A-1 | - | 287.7 | - | 287.7 |
| A-2 | - | - | - | - |
| A-3 | - | - | - | - |
| NP | - | - | - | - |
| Equity | $1,015.0$ | $2,053.2$ | - | $3,068.2$ |
| Unkn Rtg (Triparty) | $\mathbf{1 , 2 4 2 . 0}$ | $\mathbf{3 , 1 8 5 . 6}$ | $\mathbf{1 8 4 . 2}$ | $\mathbf{4 , 6 1 1 . 8}$ |
| Unkn Rtg (non-Triparty) | - | - | - | - |
| Total Collateral | $\mathbf{7 , 5 8 6 . 2}$ | $\mathbf{1 3 , 1 2 3 . 7}$ | $\mathbf{1 , 0 5 9 . 7}$ | $\mathbf{2 1 , 7 6 9 . 6}$ |
| Total Borrowings | $\mathbf{7 , 0 0 0 . 0}$ | $\mathbf{1 2 , 1 0 0 . 0}$ | $\mathbf{9 7 5 . 0}$ | $\mathbf{2 0 , 0 7 5 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 3 7 \%}$ | $\mathbf{8 . 4 6 \%}$ | $\mathbf{8 . 6 9 \%}$ | $\mathbf{8 . 4 4 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Page 5 of 17

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 16,665 | $0.00 \%$ |
| Agency | $412,521,250$ | $1.89 \%$ |
| AAA | $4,875,419,384$ | $22.40 \%$ |
| AA | $179,797,690$ | $0.83 \%$ |
| A | $537,733,398$ | $2.47 \%$ |
| BBB | $1,055,555,138$ | $4.85 \%$ |
| BB | $1,478,234,013$ | $6.79 \%$ |
| B | $1,861,603,021$ | $8.55 \%$ |
| CCC-C | $2,799,476,515$ | $12.86 \%$ |
| D | $601,532,817$ | $2.76 \%$ |
| A-1 | $287,683,353$ | $1.32 \%$ |
| Equity | $4,068,190,676$ | $14.09 \%$ |
| Unkn Rtg (Triparty) | $4,61,823,951$ | $21.18 \%$ |
| Total | $21,769,587,870$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,355,869,089$ | $10.82 \%$ |
| Agency Debt | $412,521,250$ | $1.89 \%$ |
| CDs-CP-BAs | $485,737,263$ | $2.23 \%$ |
| CMBS | $79,785,617$ | $0.37 \%$ |
| Convertible Bonds-Domestic | $2,702,433,688$ | $12.41 \%$ |
| Convertible Bonds-Foreign | $626,678,956$ | $2.88 \%$ |
| Corporates-Domestic | $1,995,080,215$ | $9.16 \%$ |
| Corporates-Foreign | $277,508,039$ | $1.27 \%$ |
| Equity-Domestic | $2,540,923,780$ | $11.67 \%$ |
| Equity-Foreign | $527,266,896$ | $2.42 \%$ |
| Foreign Sovereigns-Domestic | $422,831,418$ | $1.94 \%$ |
| Foreign Sovereigns-Foreign | $1,943,575$ | $0.01 \%$ |
| MBS - Private (CMO) | $3,265,237,310$ | $15.00 \%$ |
| Muni | $1,064,363,036$ | $4.89 \%$ |
| Mutual Fund | $5,011,122,747$ | $23.02 \%$ |
| Supranational | 268,327 | $0.00 \%$ |
| Treasury | 16,665 | $0.00 \%$ |
| Total | $21,769,587,870$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 54,921,886 | 0.72\% |
|  |  | A | 6,762,386 | 0.09\% |
|  |  | BBB | 40,164,421 | 0.53\% |
|  |  | BB | 69,512,049 | 0.92\% |
|  |  | B | 130,527,333 | 1.72\% |
|  |  | CCC-C | 302,645,711 | 3.99\% |
|  |  | D | 60,080,606 | 0.79\% |
|  |  | Unkn Rtg (Triparty) | 364,964,550 | 4.81\% |
|  | Agency Debt | Agency | 86,955,682 | 1.15\% |
|  | Convertible Bonds-Domestic | A | 162,568,330 | 2.14\% |
|  |  | BBB | 148,160,441 | 1.95\% |
|  |  | BB | 44,902,606 | 0.59\% |
|  |  | B | 6,561,531 | 0.09\% |
|  |  | CCC-C | 1,169,016 | 0.02\% |
|  |  | D | 12,495,194 | 0.16\% |
|  |  | Unkn Rtg (Triparty) | 298,657,500 | 3.94\% |
|  | Corporates-Domestic | CCC-C | 149,212,145 | 1.97\% |
|  |  | D | 349,437,894 | 4.61\% |
|  |  | Unkn Rtg (Triparty) | 428,912,568 | 5.65\% |
|  | Equity-Domestic | Equity | 1,014,967,130 | 13.38\% |
|  | MBS - Private (CMO) | AAA | 529,128 | 0.01\% |
|  |  | BBB | 298,029 | 0.00\% |
|  |  | BB | 23,366,084 | 0.31\% |
|  |  | B | 293,942,828 | 3.87\% |
|  |  | CCC-C | 823,401,164 | 10.85\% |
|  |  | D | 41,601,817 | 0.55\% |
|  |  | Unkn Rtg (Triparty) | 21,756,785 | 0.29\% |
|  | Muni | BB | 100,000 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 29,666,034 | 0.39\% |
|  | Mutual Fund | AAA | 2,519,400,000 | 33.21\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 98,025,000 | 1.29\% |
|  | Treasury | Treasury | 16,665 | 0.00\% |
|  | Dealer Total |  | 7,586,182,512 | 100.00\% |
| Citigroup | ABS | AAA | 56,608,184 | 0.43\% |
|  |  | AA | 4,065,401 | 0.03\% |
|  |  | A | 41,562,868 | 0.32\% |
|  |  | BBB | 71,799,103 | 0.55\% |
|  |  | BB | 212,057,860 | 1.62\% |
|  |  | B | 357,519,029 | 2.72\% |
|  |  | CCC-C | 278,311,308 | 2.12\% |
|  |  | D | 48,867,762 | 0.37\% |
|  |  | Unkn Rtg (Triparty) | Page 10 00才1,705,036 | 1.16\% |
|  | Agency Debt | Agency | 325,565,568 | 2.48\% |
|  | CDs-CP-BAs | A-1 | 287,683,353 | 2.19\% |
|  |  | Unkn Rtg (Triparty) | 198,053,910 | 1.51\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | B | 269,302,481 | 2.05\% |
|  |  | CCC-C | 95,105,270 | 0.72\% |
|  |  | D | 25,056,870 | 0.19\% |
|  |  | Unkn Rtg (Triparty) | 1,014,366,965 | 7.73\% |
|  | Convertible Bonds-Foreign | A | 41,466,443 | 0.32\% |
|  |  | BBB | 16,842,206 | 0.13\% |
|  |  | BB | 11,354,317 | 0.09\% |
|  |  | B | 57,388,490 | 0.44\% |
|  |  | Unkn Rtg (Triparty) | 499,627,500 | 3.81\% |
|  | Corporates-Domestic | AAA | 1,126,021 | 0.01\% |
|  |  | AA | 24,962 | 0.00\% |
|  |  | A | 21,746,352 | 0.17\% |
|  |  | BB | 189,044,575 | 1.44\% |
|  |  | B | 110,652,463 | 0.84\% |
|  |  | CCC-C | 110,143,830 | 0.84\% |
|  |  | D | 12,767,017 | 0.10\% |
|  |  | Unkn Rtg (Triparty) | 420,632,456 | 3.21\% |
|  | Corporates-Foreign | AA | 35,556 | 0.00\% |
|  |  | A | 8,788,043 | 0.07\% |
|  |  | BBB | 1,225,571 | 0.01\% |
|  |  | BB | 162,334 | 0.00\% |
|  |  | B | 16,629 | 0.00\% |
|  |  | CCC-C | 1,898,815 | 0.01\% |
|  |  | D | 92,452 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 111,330,963 | 0.85\% |
|  | Equity-Domestic | Equity | 1,525,956,650 | 11.63\% |
|  | Equity-Foreign | Equity | 527,266,896 | 4.02\% |
|  | Foreign Sovereigns-Domestic | BB | 29,654 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 1,072 | 0.00\% |
|  | Foreign Sovereigns-Foreign | AAA | 73,713 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 75,466 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 59,319,036 | 0.45\% |
|  |  | AA | 8,853,784 | 0.07\% |
|  |  | A | 36,637,699 | 0.28\% |
|  |  | BBB | 14,695,409 | 0.11\% |
|  |  | BB | 266,189,532 | 2.03\% |
|  |  | B | 471,027,239 | 3.59\% |
|  |  | CCC-C | 887,610,446 | 6.76\% |
|  |  | D | 34,894,763 | 0.27\% |
|  |  | Unkn Rtg (Triparty) | 107,474,623 | 0.82\% |
|  | Muni | AAA | 144,118,293 | 1.10\% |
|  |  | AA | 100,837,482 | 0.77\% |
|  |  | A | 153,690,871 | 1.17\% |
|  |  | BBB | 204,661,055 | 1.56\% |
|  |  | BB Page | of 177,076,937 | 0.59\% |
|  |  | B | 77,792,704 | 0.59\% |
|  |  | CCC-C | 145,088,299 | 1.11\% |
|  |  | D | 15,785,897 | 0.12\% |

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## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Dealer Total |  | 13,123,689,872 | 100.00\% |
| Merrill Lynch | ABS | AAA | 31,304,330 | 2.95\% |
|  |  | AA | 4,831,320 | 0.46\% |
|  |  | A | 2,321,482 | 0.22\% |
|  |  | BBB | 14,148,398 | 1.34\% |
|  |  | BB | 1,857,916 | 0.18\% |
|  |  | B | 7,000,402 | 0.66\% |
|  |  | Unkn Rtg (Triparty) | 42,329,749 | 3.99\% |
|  | Convert ble Bonds-Domestic | Unkn Rtg (Triparty) | 471,385 | 0.04\% |
|  | Corporates-Domestic | AA | 743,419 | 0.07\% |
|  |  | A | 29,461,944 | 2.78\% |
|  |  | BBB | 30,911,305 | 2.92\% |
|  |  | BB | 24,754,959 | 2.34\% |
|  |  | B | 21,264,462 | 2.01\% |
|  |  | Unkn Rtg (Triparty) | 94,243,843 | 8.89\% |
|  | Corporates-Foreign | AAA | 1,355,297 | 0.13\% |
|  |  | AA | 208,246 | 0.02\% |
|  |  | A | 7,195,067 | 0.68\% |
|  |  | BBB | 57,216,814 | 5.40\% |
|  |  | BB | 37,799,390 | 3.57\% |
|  |  | B | 2,659,336 | 0.25\% |
|  |  | CCC-C | 2,928,894 | 0.28\% |
|  |  | D | 452,545 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 44,142,087 | 4.17\% |
|  | Foreign Sovereigns-Domestic | AAA | 760,959 | 0.07\% |
|  |  | BB | 364,460,889 | 34.39\% |
|  |  | B | 53,981,657 | 5.09\% |
|  |  | CCC-C | 579,020 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 3,018,167 | 0.28\% |
|  | Foreign Sovereigns-Foreign | BB | 1,438,494 | 0.14\% |
|  |  | B | 355,903 | 0.03\% |
|  | MBS - Private (CMO) | AAA | 156,006,098 | 14.72\% |
|  |  | AA | 4,686,689 | 0.44\% |
|  |  | A | 2,931,485 | 0.28\% |
|  |  | BBB | 8,156,811 | 0.77\% |
|  |  | BB | 475,266 | 0.04\% |
|  |  | CCC-C | 1,382,597 | 0.13\% |
|  | Muni | B | 1,610,536 | 0.15\% |
|  | Supranational | AAA | 268,327 | 0.03\% |
|  | Dealer Total |  | 1,059,715,486 | 100.00\% |

## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Friday, March 20
William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 03/23/2009 10:57 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Friday, March 20

- Total PDCF borrowing on Friday remained at $\$ 20.08$ billion, unchanged over the last four borrowing days.
- Citigroup remains the largest participant in the facility providing $\$ 13.13$ billion of collateral against $\$ 12.10$ billion of borrowing. As compared to Thursday, Citigroup's collateral has shifted away from investment grade securities (30.3\% to $27.1 \%$ ) and towards securities with unknown ratings ( $24.3 \%$ to 26.6\%).
- Total PDCF collateral provided by all participants consists primarily of mutual funds (23\%), equities (15.2\%), mortgage backed securities (15\%), and convertible debt (14.7\%).

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PDCF Charts and Tables - 20090320 .doc
Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Friday, March 20, 2009

## Highlights

- Total PDCF borrowing on Friday remained at $\$ 20.08$ billion, unchanged over the last four borrowing days.
- Citigroup remains the largest participant in the facility providing $\$ 13.13$ billion of collateral against $\$ 12.10$ billion of borrowing. As compared to Thursday, Citigroup's collateral has shifted away from investment grade securities ( $30.3 \%$ to $27.1 \%$ ) and towards securities with unknown ratings ( $24.3 \%$ to $26.6 \%$ ).
- Total PDCF collateral provided by all participants consists primarily of mutual funds ( $23 \%$ ), equities ( $15.2 \%$ ), mortgage backed securities ( $15 \%$ ), and convertible debt (14.7\%).

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 3 / 2 0 / 2 0 0 9}$ | $\mathbf{0 3 / 1 9 / 2 0 0 9}$ | $\mathbf{0 3 / 1 8} / \mathbf{2 0 0 9}$ | $\mathbf{0 3 / 1 7 / 2 0 0 9}$ | $\mathbf{0 3 / 1 6 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 7.00 | 7.00 | 7.00 | 7.00 | 6.50 |
| Citigroup | 12.10 | 12.10 | 12.10 | 12.10 | 12.10 |
| Merrill Lynch | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Total Borrowings | $\mathbf{2 0 . 0 8}$ | $\mathbf{2 0 . 0 8}$ | $\mathbf{2 0 . 0 8}$ | $\mathbf{2 0 . 0 8}$ | $\mathbf{1 9 . 5 8}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{2 1 . 7 7}$ | $\mathbf{2 1 . 7 7}$ | $\mathbf{2 1 . 7 6}$ | $\mathbf{2 1 . 7 7}$ | $\mathbf{2 1 . 2 2}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 4 2 \%}$ | $\mathbf{8 . 4 2 \%}$ | $\mathbf{8 . 3 7 \%}$ | $\mathbf{8 . 4 2 \%}$ | $\mathbf{8 . 3 8 \%}$ |

PDCF Borrowing Trend


Composition of Collateral Pledged for March 20 Borrowings - in millions

[^99]| Rating ${ }^{1}$ | Bank of America | Citigroup | Merrill Lynch | Total |
| :--- | ---: | ---: | ---: | ---: |
| Treasury | - | - | - | - |
| Agency | 86.8 | 325.6 | - | 412.4 |
| AAA | $2,546.1$ | $2,082.5$ | 203.4 | $4,832.0$ |
| AA | 55.4 | 71.6 | 10.9 | 137.9 |
| A | 162.7 | 309.7 | 41.9 | 514.3 |
| BBB | 181.1 | 727.5 | 115.8 | $1,024.4$ |
| BB | 143.3 | 972.2 | 438.3 | $1,553.8$ |
| B | 412.9 | $1,242.2$ | 58.9 | $1,713.9$ |
| CCC-C | $1,339.4$ | $1,571.1$ | 5.0 | $2,915.5$ |
| D | 491.4 | 136.7 | 0.5 | 628.5 |
| A-1 | - | 18.3 | - | 18.3 |
| A-2 | - | 19.6 | - | 19.6 |
| A-3 | - | - | - | - |
| NP | - | - | - | - |
| Equity | $\mathbf{1 , 1 5 0 . 6}$ | $2,158.8$ | - | $3,309.3$ |
| Unkn Rtg (Triparty) | $\mathbf{1 , 0 0 8 . 5}$ | $\mathbf{3 , 4 9 1 . 9}$ | $\mathbf{1 8 6 . 2}$ | $4,686.6$ |
| Unkn Rtg (non-Triparty) | - | - | - | - |
| Total Collateral | $\mathbf{7 , 5 7 8 . 2}$ | $\mathbf{1 3 , 1 2 7 . 4}$ | $\mathbf{1 , 0 6 1 . 0}$ | $\mathbf{2 1 , 7 6 6 . 5}$ |
| Total Borrowings | $\mathbf{7 , 0 0 0 . 0}$ | $\mathbf{1 2 , 1 0 0 . 0}$ | $\mathbf{9 7 5 . 0}$ | $\mathbf{2 0 , 0 7 5 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 2 6 \%}$ | $\mathbf{8 . 4 9 \%}$ | $\mathbf{8 . 8 2 \%}$ | $\mathbf{8 . 4 3 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Page 5 of 15

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 16,667 | $0.00 \%$ |
| Agency | $412,351,840$ | $1.89 \%$ |
| AAA | $4,831,973,072$ | $22.20 \%$ |
| AA | $137,933,023$ | $0.63 \%$ |
| A | $514,292,754$ | $2.36 \%$ |
| BBB | $1,024,359,170$ | $4.71 \%$ |
| BB | $1,553,825,346$ | $7.14 \%$ |
| B | $1,713,938,859$ | $7.87 \%$ |
| CCC-C | $2,915,486,308$ | $13.39 \%$ |
| D | $628,501,648$ | $2.89 \%$ |
| A-1 | $18,286,884$ | $0.08 \%$ |
| A-2 | $3,309,609,238$ | $0.09 \%$ |
| Equity | $4,686,621,563$ | $15.20 \%$ |
| Unkn Rtg (Triparty) | $21.53 \%$ |  |
| Total | $21,766,530,127$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,225,580,720$ | $10.22 \%$ |
| Agency Debt | $412,351,840$ | $1.89 \%$ |
| CDs-CP-BAs | $429,809,367$ | $1.97 \%$ |
| CMBS | $87,568,489$ | $0.40 \%$ |
| Convertible Bonds-Domestic | $2,548,875,077$ | $11.71 \%$ |
| Convertible Bonds-Foreign | $644,250,903$ | $2.96 \%$ |
| Corporates-Domestic | $1,994,973,191$ | $9.17 \%$ |
| Corporates-Foreign | $300,050,635$ | $1.38 \%$ |
| Equity-Domestic | $2,767,746,478$ | $12.72 \%$ |
| Equity-Foreign | $541,587,278$ | $2.49 \%$ |
| Foreign Sovereigns-Domestic | $389,805,316$ | $1.79 \%$ |
| Foreign Sovereigns-Foreign | $1,873,574$ | $0.01 \%$ |
| MBS - Private (CMO) | $3,273,051,794$ | $15.04 \%$ |
| Muni | $1,149,832,039$ | $5.28 \%$ |
| Mutual Fund | $4,998,881,425$ | $22.97 \%$ |
| Supranational | 275,336 | $0.00 \%$ |
| Treasury | 16,667 | $0.00 \%$ |
| Total | $21,766,530,127$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 54,923,381 | 0.72\% |
|  |  | A | 6,696,267 | 0.09\% |
|  |  | BBB | 40,212,194 | 0.53\% |
|  |  | BB | 67,955,870 | 0.90\% |
|  |  | B | 134,324,542 | 1.77\% |
|  |  | CCC-C | 322,001,514 | 4.25\% |
|  |  | D | 58,646,416 | 0.77\% |
|  |  | Unkn Rtg (Triparty) | 204,432,851 | 2.70\% |
|  | Agency Debt | Agency | 86,790,571 | 1.15\% |
|  | Convertible Bonds-Domestic | A | 155,987,797 | 2.06\% |
|  |  | BBB | 140,567,649 | 1.85\% |
|  |  | BB | 59,721,453 | 0.79\% |
|  |  | B | 6,630,295 | 0.09\% |
|  |  | CCC-C | 1,171,377 | 0.02\% |
|  |  | D | 19,860,986 | 0.26\% |
|  |  | Unkn Rtg (Triparty) | 233,634,626 | 3.08\% |
|  | Corporates-Domestic | CCC-C | 149,272,429 | 1.97\% |
|  |  | D | 370,562,545 | 4.89\% |
|  |  | Unkn Rtg (Triparty) | 426,575,516 | 5.63\% |
|  | Equity-Domestic | Equity | 1,150,583,689 | 15.18\% |
|  | MBS - Private (CMO) | AAA | 529,596 | 0.01\% |
|  |  | BBB | 292,993 | 0.00\% |
|  |  | BB | 15,642,928 | 0.21\% |
|  |  | B | 271,943,808 | 3.59\% |
|  |  | CCC-C | 866,931,010 | 11.44\% |
|  |  | D | 42,303,467 | 0.56\% |
|  |  | Unkn Rtg (Triparty) | 21,563,295 | 0.28\% |
|  | Muni | Unkn Rtg (Triparty) | 24,257,107 | 0.32\% |
|  | Mutual Fund | AAA | 2,545,550,000 | 33.59\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 98,075,000 | 1.29\% |
|  | Treasury | Treasury | 16,667 | 0.00\% |
|  | Dealer Total |  | 7,578,157,836 | 100.00\% |
| Citigroup | ABS | AAA | 27,188,839 | 0.21\% |
|  |  | A | 40,899,200 | 0.31\% |
|  |  | BBB | 67,530,994 | 0.51\% |
|  |  | BB | 212,651,713 | 1.62\% |
|  |  | B | 329,307,655 | 2.51\% |
|  |  | CCC-C | 346,014,431 | 2.64\% |
|  |  | D | 49,052,110 | 0.37\% |
|  |  | Unkn Rtg (Triparty) | 151,751,155 | 1.16\% |
|  | Agency Debt | Agency | 325,561,268 | 2.48\% |
|  | CDs-CP-BAs | A-1 | Page 10 of8,286,884 | 0.14\% |
|  |  | A-2 | 19,609,238 | 0.15\% |
|  |  | Unkn Rtg (Triparty) | 391,913,246 | 2.99\% |
|  | CMBS | Unkn Rtg (Triparty) | 87,568,489 | 0.67\% |

## Collateral Composition by Dealer (continued)



## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | Corporates-Domestic (con't) | BB | 24,726,189 | 2.33\% |
|  |  | B | 21,484,813 | 2.03\% |
|  |  | Unkn Rtg (Triparty) | 93,861,894 | 8.85\% |
|  | Corporates-Foreign | AAA | 1,316,196 | 0.12\% |
|  |  | AA | 217,750 | 0.02\% |
|  |  | A | 7,640,597 | 0.72\% |
|  |  | BBB | 59,972,090 | 5.65\% |
|  |  | BB | 50,273,428 | 4.74\% |
|  |  | B | 2,231,973 | 0.21\% |
|  |  | CCC-C | 3,070,767 | 0.29\% |
|  |  | D | 473,979 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 46,186,731 | 4.35\% |
|  | Foreign Sovereigns-Domestic | AAA | 760,981 | 0.07\% |
|  |  | BB | 359,072,390 | 33.84\% |
|  |  | B | 26,378,635 | 2.49\% |
|  |  | CCC-C | 574,147 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 3,019,163 | 0.28\% |
|  | Foreign Sovereigns-Foreign | BB | 1,514,916 | 0.14\% |
|  |  | B | 358,658 | 0.03\% |
|  | MBS - Private (CMO) | AAA | 163,019,544 | 15.37\% |
|  |  | AA | 4,893,399 | 0.46\% |
|  |  | A | 3,345,794 | 0.32\% |
|  |  | BBB | 8,894,448 | 0.84\% |
|  |  | BB | 497,925 | 0.05\% |
|  |  | CCC-C | 1,401,827 | 0.13\% |
|  | Muni | B | 1,378,017 | 0.13\% |
|  | Supranational | AAA | 275,336 | 0.03\% |
|  | Dealer Total |  | 1,060,961,519 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Monday , March 23
William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 03/24/2009 11:56 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Monday, March 23

- Total PDCF borrowing on Monday was $\$ 19.98$ billion, a $\$ 0.10$ billion decline from Friday.
- Citigroup is currently borrowing $\$ 12.10$ billion against $\$ 13.12$ billion of collateral. This collateral consists primarily of convertible debt (20.5\%), mutual funds ( $15.1 \%$ ), mortgage backed securities (14.3\%), and equities (14.1\%). As compared to Friday, this represents a decrease of 2.8 percentage points in the proportion of mutual fund collateral and a decrease of 2.3 percentage points in the proportion of equity collateral. Certificate of deposits/commercial paper collateral balanced these changes by increasing from $3.3 \%$ to $8.2 \%$ of collateral provided by Citigroup.
- Of the $\$ 21.66$ billion of collateral provided by all participants, $34.9 \%$ are investment grade securities, $32.2 \%$ are non-investment grade securities, $13.9 \%$ are equities, and $19 \%$ are securities with unknown ratings.


Regards,
Tony
Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Monday, March 23, 2009

## Highlights

- Total PDCF borrowing on Monday was $\$ 19.98$ billion, a $\$ 0.10$ billion decline from Friday.
- Citigroup is currently borrowing $\$ 12.10$ billion against $\$ 13.12$ billion of collateral. This collateral consists primarily of convertible debt ( $20.5 \%$ ), mutual funds ( $15.1 \%$ ), mortgage backed securities ( $14.3 \%$ ), and equities ( $14.1 \%$ ). As compared to Friday, this represents a decrease of 2.8 percentage points in the proportion of mutual fund collateral and a decrease of 2.3 percentage points in the proportion of equity collateral. Certificate of deposits/commercial paper collateral balanced these changes by increasing from $3.3 \%$ to $8.2 \%$ of collateral provided by Citigroup.
- Of the $\$ 21.66$ billion of collateral provided by all participants, $34.9 \%$ are investment grade securities, $32.2 \%$ are noninvestment grade securities, $13.9 \%$ are equities, and $19 \%$ are securities with unknown ratings.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 3 / 2 3 / 2 0 0 9}$ | $\mathbf{0 3 / 2 0 / 2 0 0 9}$ | $\mathbf{0 3 / 1 9 / 2 0 0 9}$ | $\mathbf{0 3 / 1 8 / 2 0 0 9}$ | $\mathbf{0 3 / 1 7 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 6.90 | 7.00 | 7.00 | 7.00 | 7.00 |
| Citigroup | 12.10 | 12.10 | 12.10 | 12.10 | 12.10 |
| Merrill Lynch | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Total Borrowings | $\mathbf{1 9 . 9 8}$ | $\mathbf{2 0 . 0 8}$ | $\mathbf{2 0 . 0 8}$ | $\mathbf{2 0 . 0 8}$ | $\mathbf{2 0 . 0 8}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{2 1 . 6 6}$ | $\mathbf{2 1 . 7 7}$ | $\mathbf{2 1 . 7 7}$ | $\mathbf{2 1 . 7 6}$ | $\mathbf{2 1 . 7 7}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 4 1 \%}$ | $\mathbf{8 . 4 2 \%}$ | $\mathbf{8 . 4 2 \%}$ | $\mathbf{8 . 3 7 \%}$ | $\mathbf{8 . 4 2 \%}$ |

PDCF Borrowing Trend


Composition of Collateral Pledged for March 23 Borrowings - in millions

[^100]| Rating $^{1}$ | Bank of America | Citigroup | Merrill Lynch | Total |
| :--- | ---: | ---: | ---: | ---: |
| Treasury | - | - | - | - |
| Agency | 56.4 | 325.6 | - | 381.9 |
| AAA | $2,546.5$ | $1,707.6$ | 193.4 | $4,447.6$ |
| AA | 55.5 | 127.5 | 10.0 | 193.0 |
| A | 178.6 | 283.7 | 4.8 | 467.0 |
| BBB | 179.9 | 733.1 | 82.7 | 995.7 |
| BB | 125.7 | $1,007.0$ | 578.4 | $1,711.0$ |
| B | 368.8 | $1,223.2$ | 30.7 | $1,622.8$ |
| CCC-C | $1,385.5$ | $1,623.5$ | 4.4 | $3,013.4$ |
| D | 475.9 | 148.2 | 0.5 | 624.7 |
| A-1 | - | 867.8 | - | 867.8 |
| A-2 | - | 211.2 | - | 211.2 |
| A-3 | - | - | - | - |
| NP | - | - | - | - |
| Equity | $\mathbf{1 , 1 5 3 . 0}$ | $1,856.3$ | - | $3,009.2$ |
| Unkn Rtg (Triparty) | $\mathbf{9 4 3 . 1}$ | $3,009.1$ | 160.0 | $4,112.2$ |
| Unkn Rtg (non-Triparty) | - | - | - | - |
| Total Collateral | $\mathbf{7 , 4 6 8 . 8}$ | $\mathbf{1 3 , 1 2 3 . 8}$ | $\mathbf{1 , 0 6 5 . 0}$ | $\mathbf{2 1 , 6 5 7 . 6}$ |
| Total Borrowings | $\mathbf{6 , 9 0 0 . 0}$ | $\mathbf{1 2 , 1 0 0 . 0}$ | $\mathbf{9 7 5 . 0}$ | $\mathbf{1 9 , 9 7 5 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 2 4 \%}$ | $\mathbf{8 . 4 6 \%}$ | $\mathbf{9 . 2 3 \%}$ | $\mathbf{8 . 4 2 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 16,667 | $0.00 \%$ |
| Agency | $381,931,049$ | $1.76 \%$ |
| AAA | $4,447,558,529$ | $20.54 \%$ |
| AA | $193,011,772$ | $0.89 \%$ |
| A | $467,022,337$ | $2.16 \%$ |
| BBB | $995,728,933$ | $4.60 \%$ |
| BB | $1,711,011,210$ | $7.90 \%$ |
| B | $3,622,768,229$ | $7.49 \%$ |
| CCC-C | $624,656,946$ | $13.91 \%$ |
| D | $867,775,719$ | $2.88 \%$ |
| A-1 | $211,228,303$ | $4.01 \%$ |
| A-2 | $3,009,240,295$ | $13.89 \%$ |
| Equity | $4,112,238,052$ | $18.99 \%$ |
| Unkn Rtg (Triparty) | $21,657,613,456$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,170,175,836$ | $10.02 \%$ |
| Agency Debt | $381,931,049$ | $1.76 \%$ |
| CDs-CP-BAs | $1,079,004,022$ | $4.98 \%$ |
| CMBS | $79,713,998$ | $0.37 \%$ |
| Convertible Bonds-Domestic | $2,633,130,654$ | $12.16 \%$ |
| Convertible Bonds-Foreign | $649,847,828$ | $3.00 \%$ |
| Corporates-Domestic | $1,935,691,019$ | $8.94 \%$ |
| Corporates-Foreign | $410,545,047$ | $1.90 \%$ |
| Equity-Domestic | $2,512,966,892$ | $11.60 \%$ |
| Equity-Foreign | $496,273,403$ | $2.29 \%$ |
| Foreign Sovereigns-Domestic | $352,727,085$ | $1.63 \%$ |
| MBS - Private (CMO) | $3,249,498,239$ | $15.00 \%$ |
| Muni | $1,078,054,504$ | $4.98 \%$ |
| Mutual Fund | $4,628,037,214$ | $21.37 \%$ |
| Treasury | 16,667 | $0.00 \%$ |
| Total | $21,657,613,456$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 54,968,872 | 0.74\% |
|  |  | A | 6,712,574 | 0.09\% |
|  |  | BBB | 38,843,225 | 0.52\% |
|  |  | BB | 69,202,711 | 0.93\% |
|  |  | B | 127,008,425 | 1.70\% |
|  |  | CCC-C | 349,680,233 | 4.68\% |
|  |  | D | 57,264,296 | 0.77\% |
|  |  | Unkn Rtg (Triparty) | 159,384,758 | 2.13\% |
|  | Agency Debt | Agency | 56,370,839 | 0.75\% |
|  | Convertible Bonds-Domestic | A | 171,871,761 | 2.30\% |
|  |  | BBB | 141,069,636 | 1.89\% |
|  |  | BB | 35,695,574 | 0.48\% |
|  |  | B | 11,187,982 | 0.15\% |
|  |  | CCC-C | 1,163,997 | 0.02\% |
|  |  | D | 15,939,498 | 0.21\% |
|  |  | Unkn Rtg (Triparty) | 218,077,929 | 2.92\% |
|  | Corporates-Domestic | CCC-C | 149,582,780 | 2.00\% |
|  |  | D | 360,001,378 | 4.82\% |
|  |  | Unkn Rtg (Triparty) | 424,509,953 | 5.68\% |
|  | Equity-Domestic | Equity | 1,152,977,384 | 15.44\% |
|  | MBS - Private (CMO) | AAA | 530,207 | 0.01\% |
|  |  | BB | 20,763,478 | 0.28\% |
|  |  | B | 230,617,737 | 3.09\% |
|  |  | CCC-C | 885,046,950 | 11.85\% |
|  |  | D | 42,722,579 | 0.57\% |
|  |  | Unkn Rtg (Triparty) | 19,197,761 | 0.26\% |
|  | Muni | Unkn Rtg (Triparty) | 24,258,221 | 0.32\% |
|  | Mutual Fund | AAA | 2,545,975,000 | 34.09\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 97,650,000 | 1.31\% |
|  | Treasury | Treasury | 16,667 | 0.00\% |
|  | Dealer Total |  | 7,468,792,407 | 100.00\% |
| Citigroup | ABS | AAA | 22,934,919 | 0.17\% |
|  |  | A | 32,649,506 | 0.25\% |
|  |  | BBB | 67,509,971 | 0.51\% |
|  |  | BB | 222,739,587 | 1.70\% |
|  |  | B | 321,587,145 | 2.45\% |
|  |  | CCC-C | 326,045,756 | 2.48\% |
|  |  | D | 54,524,116 | 0.42\% |
|  |  | Unkn Rtg (Triparty) | 151,822,832 | 1.16\% |
|  | Agency Debt | Agency | 325,560,209 | 2.48\% |
|  | CDs-CP-BAs | A-1 | 867,775,719 | 6.61\% |
|  |  | A-2 | Page 10 $211,228,303$ | 1.61\% |
|  | CMBS | Unkn Rtg (Triparty) | 79,713,998 | 0.61\% |
|  | Convertible Bonds-Domestic | AA | 83,626 | 0.00\% |
|  |  | A | 11,331,747 | 0.09\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | Unkn Rtg (Triparty) | 1,017,319,036 | 7.75\% |
|  | Convertible Bonds-Foreign | A | 42,781,366 | 0.33\% |
|  |  | BBB | 17,248,541 | 0.13\% |
|  |  | BB | 11,888,275 | 0.09\% |
|  |  | B | 61,614,831 | 0.47\% |
|  |  | Unkn Rtg (Triparty) | 516,314,815 | 3.93\% |
|  | Corporates-Domestic | A | 21,749,382 | 0.17\% |
|  |  | BB | 189,354,265 | 1.44\% |
|  |  | B | 111,139,853 | 0.85\% |
|  |  | CCC-C | 116,521,689 | 0.89\% |
|  |  | D | 15,120,795 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 421,130,414 | 3.21\% |
|  | Corporates-Foreign | A | 9,098,275 | 0.07\% |
|  |  | BBB | 1,269,144 | 0.01\% |
|  |  | CCC-C | 1,945,601 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 100,029,193 | 0.76\% |
|  | Equity-Domestic | Equity | 1,359,989,508 | 10.36\% |
|  | Equity-Foreign | Equity | 496,273,403 | 3.78\% |
|  | MBS - Private (CMO) | AAA | 50,269,349 | 0.38\% |
|  |  | AA | 8,974,822 | 0.07\% |
|  |  | A | 36,849,027 | 0.28\% |
|  |  | BBB | 11,427,399 | 0.09\% |
|  |  | BB | 265,343,707 | 2.02\% |
|  |  | B | 439,186,941 | 3.35\% |
|  |  | CCC-C | 916,659,070 | 6.98\% |
|  |  | D | 34,824,742 | 0.27\% |
|  |  | Unkn Rtg (Triparty) | 107,381,848 | 0.82\% |
|  | Muni | AAA | 144,790,414 | 1.10\% |
|  |  | AA | 118,440,991 | 0.90\% |
|  |  | A | 129,200,615 | 0.98\% |
|  |  | BBB | 205,376,447 | 1.56\% |
|  |  | BB | 74,138,544 | 0.56\% |
|  |  | B | 77,923,408 | 0.59\% |
|  |  | CCC-C | 166,982,180 | 1.27\% |
|  |  | D | 15,806,503 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 121,137,181 | 0.92\% |
|  | Mutual Fund | AAA | 1,489,625,000 | 11.35\% |
|  |  | Unkn Rtg (Triparty) | 494,287,214 | 3.77\% |
|  | Dealer Total |  | 13,123,839,704 | 100.00\% |
|  | ABS | AAA | 32,472,404 | 3.05\% |
|  |  | AA | 4,362,947 | 0.41\% |
|  |  | A | 1,348,840 | 0.13\% |
|  |  | BBB | 16,899,950 | 1.59\% |
|  |  | BB | 2,239,008 | 0.21\% |
|  |  | B Pag | of 156,981,100 | 0.66\% |
|  |  | Unkn Rtg (Triparty) | 42,992,662 | 4.04\% |
|  | Convertible Bonds-Domestic | Unkn Rtg (Triparty) | 471,385 | 0.04\% |
|  | Corporates-Domestic | AA | 743,419 | 0.07\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Collateral |  | Realer | Rating | Dollar Value |
| :--- | :--- | :--- | ---: | ---: |
| Merrill Lynch (con't) | Corporates-Foreign | AA | 95,622 | $0.01 \%$ |
|  | A | 387,520 | $0.04 \%$ |  |
|  | BBB | $56,808,534$ | $5.33 \%$ |  |
|  | BB | $197,917,740$ | $18.58 \%$ |  |
|  | B | $2,218,884$ | $0.21 \%$ |  |
|  | CCC-C | $3,045,738$ | $0.29 \%$ |  |
|  | D | 479,444 | $0.05 \%$ |  |
|  | Unkn Rtg (Triparty) | $37,249,352$ | $3.50 \%$ |  |
|  |  | BB | $352,727,085$ | $33.12 \%$ |
|  |  | AAA | $160,961,238$ | $15.11 \%$ |
|  | MBS | $4,841,473$ | $0.45 \%$ |  |
|  | A Private (CMO) | $3,041,724$ | $0.29 \%$ |  |
|  | BBB | $8,966,004$ | $0.84 \%$ |  |
|  | BB | 492,564 | $0.05 \%$ |  |
|  | CCC-C | $1,399,618$ | $0.13 \%$ |  |
|  |  | $1,064,981,345$ | $100.00 \%$ |  |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF collateral report for Tuesday, March 24
William Dudley, Thomas Baxter, Terrence Checki,
Anthony Maglia to: William Rutledge, Christine Cumming, Susan 03/25/2009 01:03 PM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Tuesday, March 24

- Total PDCF borrowing on Tuesday was $\$ 20.18$ billion, a $\$ 0.20$ billion increase from the previous day.
- Citigroup remains the largest participant in the facility borrowing $\$ 12.10$ billion against $\$ 13.12$ billion of collateral, for a cushion of $8.44 \%$. From Monday to Tuesday, Citigroup's collateral moderately shifted away from investment grade securities ( $32.4 \%$ to $27 \%$ ) and towards equities ( $14.1 \%$ to $17.8 \%$ ) and non-investment grade securities ( $30.5 \%$ to $32.1 \%$ ).
- Total PDCF collateral provided by all participants primarily consists of mutual funds (20.1\%), convertible debt (16.3\%), equities (16.2\%), and mortgage backed securities (14.8\%).


## 比

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Regards, Tony

Anthony Maglia
Markets Group
Federal Reserve Bank of New York
212-720-6112

# Primary Dealer Credit Facility Collateral Report 

For Tuesday, March 24, 2009

## Highlights

- Total PDCF borrowing on Tuesday was $\$ 20.18$ billion, a $\$ 0.20$ billion increase from the previous day.
- Citigroup remains the largest participant in the facility borrowing $\$ 12.10$ billion against $\$ 13.12$ billion of collateral, for a cushion of $8.44 \%$. From Monday to Tuesday, Citigroup's collateral moderately shifted away from investment grade securities $(32.4 \%$ to $27 \%$ ) and towards equities ( $14.1 \%$ to $17.8 \%$ ) and non-investment grade securities ( $30.5 \%$ to $32.1 \%$ ).
- Total PDCF collateral provided by all participants primarily consists of mutual funds ( $20.1 \%$ ), convertible debt ( $16.3 \%$ ), equities ( $16.2 \%$ ), and mortgage backed securities (14.8\%).

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 3 / 2 4 / 2 0 0 9}$ | $\mathbf{0 3 / 2 3 / 2 0 0 9}$ | $\mathbf{0 3 / 2 0 / 2 0 0 9}$ | $\mathbf{0 3 / 1 9 / 2 0 0 9}$ | $\mathbf{0 3 / 1 8 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 7.10 | 6.90 | 7.00 | 7.00 | 7.00 |
| Citigroup | 12.10 | 12.10 | 12.10 | 12.10 | 12.10 |
| Merrill Lynch | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Total Borrowings | $\mathbf{2 0 . 1 8}$ | $\mathbf{1 9 . 9 8}$ | $\mathbf{2 0 . 0 8}$ | $\mathbf{2 0 . 0 8}$ | $\mathbf{2 0 . 0 8}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{2 1 . 8 7}$ | $\mathbf{2 1 . 6 6}$ | $\mathbf{2 1 . 7 7}$ | $\mathbf{2 1 . 7 7}$ | $\mathbf{2 1 . 7 6}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 3 7 \%}$ | $\mathbf{8 . 4 1 \%}$ | $\mathbf{8 . 4 2 \%}$ | $\mathbf{8 . 4 2 \%}$ | $\mathbf{8 . 3 7 \%}$ |

PDCF Borrowing Trend


## Composition of Collateral Pledged for March 24 Borrowings - in millions

[^101]| Rating $^{1}$ | Bank of America | Citigroup | Merrill Lynch | Total |
| :--- | ---: | ---: | ---: | ---: |
| Treasury | - | - | - | - |
| Agency | 56.4 | 325.5 | - | 381.9 |
| AAA | $2,484.2$ | $1,533.5$ | 194.5 | $4,212.2$ |
| AA | 55.7 | 133.4 | 10.1 | 199.2 |
| A | 190.3 | 298.6 | 4.8 | 493.7 |
| BBB | 183.9 | 733.1 | 82.6 | 999.6 |
| BB | 121.2 | 936.7 | 577.5 | $1,635.5$ |
| B | 373.2 | $1,237.6$ | 29.5 | $1,640.4$ |
| CCC-C | $1,393.0$ | $1,529.3$ | 3.4 | $2,925.8$ |
| D | 485.7 | 504.7 | 0.5 | 991.0 |
| A-1 | - | 513.0 | - | 513.0 |
| A-2 | - | 9.1 | - | 9.1 |
| A-3 | - | - | - | - |
| NP | - | - | - | - |
| Equity | $\mathbf{1 , 1 9 9 . 8}$ | $\mathbf{2 , 3 3 2 . 4}$ | - | $3,532.2$ |
| Unkn Rtg (Triparty) | $\mathbf{1 , 1 3 9 . 0}$ | $3,034.1$ | $\mathbf{1 6 2 . 3}$ | $\mathbf{4 , 3 3 5 . 4}$ |
| Unkn Rtg (non-Triparty) | - | - | - | - |
| Total Collateral | $\mathbf{7 , 6 8 2 . 6}$ | $\mathbf{1 3 , 1 2 1 . 2}$ | $\mathbf{1 , 0 6 5 . 2}$ | $\mathbf{2 1 , 8 6 9 . 0}$ |
| Total Borrowings | $\mathbf{7 , 1 0 0 . 0}$ | $\mathbf{1 2 , 1 0 0 . 0}$ | $\mathbf{9 7 5 . 0}$ | $\mathbf{2 0 , 1 7 5 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 2 1 \%}$ | $\mathbf{8 . 4 4 \%}$ | $\mathbf{9 . 2 5 \%}$ | $\mathbf{8 . 4 0 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Page 5 of 15

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 16,666 | $0.00 \%$ |
| Agency | $381,908,345$ | $1.75 \%$ |
| AAA | $4,212,186,469$ | $19.26 \%$ |
| AA | $199,176,890$ | $0.91 \%$ |
| A | $493,714,475$ | $2.26 \%$ |
| BBB | $999,598,167$ | $4.57 \%$ |
| BB | $1,635,504,439$ | $7.48 \%$ |
| B | $1,640,367,389$ | $7.50 \%$ |
| CCC-C | $2,925,776,829$ | $13.38 \%$ |
| D | $990,984,642$ | $4.53 \%$ |
| A-1 | $513,002,899$ | $2.35 \%$ |
| A-2 | $9,073,761$ | $0.04 \%$ |
| Equity | $3,532,232,710$ | $16.15 \%$ |
| Unkn Rtg (Triparty) | $4,335,432,085$ | $19.82 \%$ |
| Total | $21,868,975,764$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,145,077,208$ | $9.81 \%$ |
| Agency Debt | $381,908,345$ | $1.75 \%$ |
| CDs-CP-BAs | $619,521,736$ | $2.83 \%$ |
| CMBS | $82,999,412$ | $0.38 \%$ |
| Convertible Bonds-Domestic | $2,920,091,468$ | $13.35 \%$ |
| Convertible Bonds-Foreign | $634,524,513$ | $2.90 \%$ |
| Corporates-Domestic | $1,950,867,090$ | $8.92 \%$ |
| Corporates-Foreign | $418,090,725$ | $1.91 \%$ |
| Equity-Domestic | $3,076,498,357$ | $14.07 \%$ |
| Equity-Foreign | $455,734,353$ | $2.08 \%$ |
| Foreign Sovereigns-Domestic | $353,545,883$ | $1.62 \%$ |
| MBS - Private (CMO) | $3,233,108,034$ | $14.78 \%$ |
| Muni | $1,203,911,905$ | $5.51 \%$ |
| Mutual Fund | $4,393,080,069$ | $20.09 \%$ |
| Treasury | 16,666 | $0.00 \%$ |
| Total | $21,868,975,764$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 55,075,079 | 0.72\% |
|  |  | A | 6,724,648 | 0.09\% |
|  |  | BBB | 38,930,781 | 0.51\% |
|  |  | BB | 68,920,830 | 0.90\% |
|  |  | B | 127,881,899 | 1.66\% |
|  |  | CCC-C | 350,071,710 | 4.56\% |
|  |  | D | 57,284,280 | 0.75\% |
|  |  | Unkn Rtg (Triparty) | 155,330,962 | 2.02\% |
|  | Agency Debt | Agency | 56,364,320 | 0.73\% |
|  | Convertible Bonds-Domestic | A | 183,562,704 | 2.39\% |
|  |  | BBB | 145,007,173 | 1.89\% |
|  |  | BB | 38,924,603 | 0.51\% |
|  |  | B | 11,438,368 | 0.15\% |
|  |  | CCC-C | 1,196,799 | 0.02\% |
|  |  | D | 22,449,961 | 0.29\% |
|  |  | Unkn Rtg (Triparty) | 341,683,825 | 4.45\% |
|  | Corporates-Domestic | CCC-C | 149,643,063 | 1.95\% |
|  |  | D | 363,231,905 | 4.73\% |
|  |  | Unkn Rtg (Triparty) | 422,938,776 | 5.51\% |
|  | Equity-Domestic | Equity | 1,199,796,930 | 15.62\% |
|  | MBS - Private (CMO) | AAA | 530,505 | 0.01\% |
|  |  | BB | 13,291,937 | 0.17\% |
|  |  | B | 233,907,985 | 3.04\% |
|  |  | CCC-C | 887,342,469 | 11.55\% |
|  |  | D | 42,777,255 | 0.56\% |
|  |  | Unkn Rtg (Triparty) | 18,875,524 | 0.25\% |
|  | Muni | AA | 174,244 | 0.00\% |
|  |  | BB | 100,000 | 0.00\% |
|  |  | CCC-C | 4,750,000 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 103,036,734 | 1.34\% |
|  | Mutual Fund | AAA | 2,483,625,000 | 32.33\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 97,175,000 | 1.26\% |
|  | Treasury | Treasury | 16,666 | 0.00\% |
|  | Dealer Total |  | 7,682,561,933 | 100.00\% |
| Citigroup | ABS | AAA | 16,944,905 | 0.13\% |
|  |  | A | 29,244,334 | 0.22\% |
|  |  | BBB | 64,824,199 | 0.49\% |
|  |  | BB | 225,446,328 | 1.72\% |
|  |  | B | 322,389,100 | 2.46\% |
|  |  | CCC-C | 312,933,062 | 2.38\% |
|  |  | D | 54,814,479 | 0.42\% |
|  |  | Unkn Rtg (Triparty) | Page 10001,852,725 | 1.16\% |
|  | Agency Debt | Agency | 325,544,025 | 2.48\% |
|  | CDs-CP-BAs | A-1 | 513,002,899 | 3.91\% |
|  |  | A-2 | 9,073,761 | 0.07\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | CCC-C | 54,751,427 | 0.42\% |
|  |  | D | 383,566,807 | 2.92\% |
|  |  | Unkn Rtg (Triparty) | 910,040,586 | 6.94\% |
|  | Convertible Bonds-Foreign | A | 42,553,642 | 0.32\% |
|  |  | BBB | 4,987,215 | 0.04\% |
|  |  | BB | 11,128,376 | 0.08\% |
|  |  | B | 58,640,581 | 0.45\% |
|  |  | Unkn Rtg (Triparty) | 517,214,699 | 3.94\% |
|  | Corporates-Domestic | A | 19,437,236 | 0.15\% |
|  |  | BB | 180,638,514 | 1.38\% |
|  |  | B | 110,300,112 | 0.84\% |
|  |  | CCC-C | 105,440,230 | 0.80\% |
|  |  | D | 15,717,144 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 461,903,160 | 3.52\% |
|  | Corporates-Foreign | A | 9,101,234 | 0.07\% |
|  |  | BBB | 1,269,634 | 0.01\% |
|  |  | CCC-C | 1,945,970 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 101,585,712 | 0.77\% |
|  | Equity-Domestic | Equity | 1,876,701,427 | 14.30\% |
|  | Equity-Foreign | Equity | 455,734,353 | 3.47\% |
|  | MBS - Private (CMO) | AAA | 50,243,033 | 0.38\% |
|  |  | AA | 8,991,008 | 0.07\% |
|  |  | A | 37,039,740 | 0.28\% |
|  |  | BBB | 11,316,907 | 0.09\% |
|  |  | BB | 240,389,424 | 1.83\% |
|  |  | B | 479,359,510 | 3.65\% |
|  |  | CCC-C | 887,890,620 | 6.77\% |
|  |  | D | 34,835,090 | 0.27\% |
|  |  | Unkn Rtg (Triparty) | 107,373,558 | 0.82\% |
|  | Muni | AAA | 144,198,521 | 1.10\% |
|  |  | AA | 124,367,660 | 0.95\% |
|  |  | A | 161,256,633 | 1.23\% |
|  |  | BBB | 217,864,467 | 1.66\% |
|  |  | BB | 74,281,691 | 0.57\% |
|  |  | B | 77,634,436 | 0.59\% |
|  |  | CCC-C | 166,387,767 | 1.27\% |
|  |  | D | 15,811,655 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 114,048,096 | 0.87\% |
|  | Mutual Fund | AAA | 1,322,150,000 | 10.08\% |
|  |  | Unkn Rtg (Triparty) | 489,630,069 | 3.73\% |
|  | Dealer Total |  | 13,121,240,079 | 100.00\% |
|  | ABS | AAA | 32,450,022 | 3.05\% |
|  |  | AA | 4,367,391 | 0.41\% |
|  |  | A | 1,349,453 | 0.13\% |
|  |  | BBB Pag | of 156,914,966 | 1.59\% |
|  |  | BB | 2,240,333 | 0.21\% |
|  |  | B | 6,710,110 | 0.63\% |
|  |  | Unkn Rtg (Triparty) | 42,375,615 | 3.98\% |

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## Collateral Composition by Dealer (continued)

| Dealer | Collateral |  | Rating | Dollar Value |
| :--- | :--- | :--- | ---: | ---: |
| Merrill Lynch (con't) | Corporates-Domestic (con't) | B | $20,577,084$ | $1.93 \%$ |
|  |  | Unkn Rtg (Triparty) | $75,131,413$ | $7.05 \%$ |
|  | Corporates-Foreign | AA | 94,536 | $0.01 \%$ |
|  | A | 389,033 | $0.04 \%$ |  |
|  | BBB | $56,827,715$ | $5.34 \%$ |  |
|  | BB | $196,854,508$ | $18.48 \%$ |  |
|  | B | $2,216,441$ | $0.21 \%$ |  |
|  | CCC-C | $2,990,117$ | $0.28 \%$ |  |
|  | D | 496,068 | $0.05 \%$ |  |
|  | Unkn Rtg (Triparty) | $44,319,759$ | $4.16 \%$ |  |
|  | AAA | 761,070 | $0.07 \%$ |  |
|  | BB | $352,784,813$ | $33.12 \%$ |  |
|  | AAA | $161,283,413$ | $15.14 \%$ |  |
|  | AA | $4,863,554$ | $0.46 \%$ |  |
|  | MBS - Private (CMO) | ABB | $3,055,819$ | $0.29 \%$ |
|  | BB | $8,814,237$ | $0.83 \%$ |  |
|  | CCC-C | 492,854 | $0.05 \%$ |  |
|  |  | 433,593 | $0.04 \%$ |  |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF Collateral Report for Wednesday , March 25
William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan 03/26/2009 10:53 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Wednesday, March 25

- Total PDCF borrowing on Wednesday was $\$ 20.18$ billion, unchanged from the prior day.
- Citigroup remains the largest participant in the facility providing $\$ 13.11$ billion of collateral against $\$ 12.10$ billion of borrowing. Citigroup's collateral consists primarily of convertible debt (23.6\%), mutual funds ( $16.9 \%$ ), and equities ( $16.5 \%$ ).
- Of the $\$ 21.86$ billion of collateral provided by all participants, $31.4 \%$ are investment grade securities, $32.9 \%$ are non-investment grade securities, $15.3 \%$ are equities, and $20.4 \%$ are securities with unknown ratings.


PDCF Charts and Tables - 20090325 .doc
Regards,
Luke

[^102]
## Primary Dealer Credit Facility Collateral Report

For Wednesday, March 25, 2009

## Highlights

- Total PDCF borrowing on Wednesday was $\$ 20.18$ billion, unchanged from the prior day.
- Citigroup remains the largest participant in the facility providing $\$ 13.11$ billion of collateral against $\$ 12.10$ billion of borrowing. Citigroup's collateral consists primarily of convertible debt ( $23.6 \%$ ), mutual funds ( $16.9 \%$ ), and equities ( $16.5 \%$ ).
- Of the $\$ 21.86$ billion of collateral provided by all participants, $31.4 \%$ are investment grade securities, $32.9 \%$ are noninvestment grade securities, $15.3 \%$ are equities, and $20.4 \%$ are securities with unknown ratings.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 3 / 2 5 / 2 0 0 9}$ | $\mathbf{0 3 / 2 4 / 2 0 0 9}$ | $\mathbf{0 3 / 2 3 / 2 0 0 9}$ | $\mathbf{0 3 / 2 0 / 2 0 0 9}$ | $\mathbf{0 3 / 1 9 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 7.10 | 7.10 | 6.90 | 7.00 | 7.00 |
| Citigroup | 12.10 | 12.10 | 12.10 | 12.10 | 12.10 |
| Merrill Lynch | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Total Borrowings | $\mathbf{2 0 . 1 8}$ | $\mathbf{2 0 . 1 8}$ | $\mathbf{1 9 . 9 8}$ | $\mathbf{2 0 . 0 8}$ | $\mathbf{2 0 . 0 8}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{2 1 . 8 6}$ | $\mathbf{2 1 . 8 7}$ | $\mathbf{2 1 . 6 6}$ | $\mathbf{2 1 . 7 7}$ | $\mathbf{2 1 . 7 7}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 3 3 \%}$ | $\mathbf{8 . 3 7 \%}$ | $\mathbf{8 . 4 1 \%}$ | $\mathbf{8 . 4 2 \%}$ | $\mathbf{8 . 4 2 \%}$ |

## PDCF Borrowing Trend



Composition of Collateral Pledged for March 25 Borrowings - in millions

[^103]| Rating ${ }^{1}$ | Bank of America | Citigroup | Merrill Lynch | Total |
| :--- | ---: | ---: | ---: | ---: |
| Treasury | 0.1 | 0.1 | - | 0.2 |
| Agency | 56.4 | 319.2 | - | 375.6 |
| AAA | $2,479.5$ | $1,954.6$ | 175.8 | $4,609.9$ |
| AA | 55.6 | 104.1 | 10.1 | 169.8 |
| A | 107.2 | 301.8 | 4.8 | 413.8 |
| BBB | 193.2 | 789.9 | 82.1 | $1,065.3$ |
| BB | 119.3 | 909.9 | 577.0 | $1,606.3$ |
| B | 499.6 | $1,263.9$ | 29.5 | $1,793.0$ |
| CCC-C | $1,399.2$ | $1,460.5$ | 4.5 | $2,864.1$ |
| D | 485.5 | 447.7 | 0.5 | 933.6 |
| A-1 | - | 167.7 | - | 167.7 |
| A-2 | - | 53.0 | - | 53.0 |
| A-3 | - | 6.3 | - | 6.3 |
| NP | - | - | - | - |
| Equity | $1,189.9$ | $2,163.0$ | - | $3,352.9$ |
| Unkn Rtg (Triparty) | $1,101.2$ | $3,167.0$ | $\mathbf{1 8 0 . 1}$ | $4,448.3$ |
| Unkn Rtg (non-Triparty) | - | - | - | - |
| Total Collateral | $\mathbf{7 , 6 8 6 . 6}$ | $\mathbf{1 3 , 1 0 8 . 6}$ | $\mathbf{1 , 0 6 4 . 5}$ | $\mathbf{2 1 , 8 5 9 . 7}$ |
| Total Borrowings | $\mathbf{7 , 1 0 0 . 0}$ | $\mathbf{1 2 , 1 0 0 . 0}$ | $\mathbf{9 7 5 . 0}$ | $\mathbf{2 0 , 1 7 5 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 2 6 \%}$ | $\mathbf{8 . 3 4 \%}$ | $\mathbf{9 . 1 8 \%}$ | $\mathbf{8 . 3 5 \%}$ |

Collateral Value and Rating Distribution by Dealer


Page 4 of 15

Distribution of Total Pledged Collateral by Rating



Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 184,292 | $0.00 \%$ |
| Agency | $375,586,056$ | $1.72 \%$ |
| AAA | $4,609,856,114$ | $21.09 \%$ |
| AA | $169,791,057$ | $0.78 \%$ |
| A | $413,818,228$ | $1.89 \%$ |
| BBB | $1,065,254,091$ | $4.87 \%$ |
| BB | $1,606,255,002$ | $7.35 \%$ |
| B | $1,793,022,885$ | $8.20 \%$ |
| CCC-C | $9,864,117,450$ | $13.10 \%$ |
| D | $933,642,706$ | $4.27 \%$ |
| A-1 | $53,672,350$ | $0.77 \%$ |
| A-2 | $6,268,955$ | $0.24 \%$ |
| A-3 | $3,352,898,840$ | $0.03 \%$ |
| Equity | $4,448,330,686$ | $20.34 \%$ |
| Unkn Rtg (Triparty) | $21,859,746,212$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,183,640,646$ | $9.99 \%$ |
| Agency Debt | $375,586,056$ | $1.72 \%$ |
| CDs-CP-BAs | $249,016,115$ | $1.14 \%$ |
| CMBS | $84,580,528$ | $0.39 \%$ |
| Convertible Bonds-Domestic | $3,184,715,236$ | $14.57 \%$ |
| Convertible Bonds-Foreign | $619,772,364$ | $2.84 \%$ |
| Corporates-Domestic | $2,344,925,443$ | $10.73 \%$ |
| Corporates-Foreign | $419,453,696$ | $1.92 \%$ |
| Equity-Domestic | $2,872,768,144$ | $13.14 \%$ |
| Equity-Foreign | $480,130,696$ | $2.20 \%$ |
| Foreign Sovereigns-Domestic | $354,554,796$ | $1.62 \%$ |
| Foreign Sovereigns-Foreign | 77,947 | $0.00 \%$ |
| MBS -Private (CMO) | $2,819,788,823$ | $12.90 \%$ |
| Muni | $1,077,958,102$ | $4.93 \%$ |
| Mutual Fund | $4,792,593,329$ | $21.92 \%$ |
| Treasury | 184,292 | $0.00 \%$ |
| Total | $21,859,746,212$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 55,066,730 | 0.72\% |
|  |  | A | 6,604,823 | 0.09\% |
|  |  | BBB | 38,910,861 | 0.51\% |
|  |  | BB | 68,820,383 | 0.90\% |
|  |  | B | 130,467,577 | 1.70\% |
|  |  | CCC-C | 360,733,487 | 4.69\% |
|  |  | D | 57,567,805 | 0.75\% |
|  |  | Unkn Rtg (Triparty) | 155,361,132 | 2.02\% |
|  | Agency Debt | Agency | 56,406,063 | 0.73\% |
|  | Convertible Bonds-Domestic | A | 100,582,455 | 1.31\% |
|  |  | BBB | 154,335,866 | 2.01\% |
|  |  | BB | 37,174,471 | 0.48\% |
|  |  | B | 14,425,502 | 0.19\% |
|  |  | CCC-C | 1,231,041 | 0.02\% |
|  |  | D | 22,313,437 | 0.29\% |
|  |  | Unkn Rtg (Triparty) | 380,920,291 | 4.96\% |
|  | Corporates-Domestic | CCC-C | 149,939,637 | 1.95\% |
|  |  | D | 363,138,938 | 4.72\% |
|  |  | Unkn Rtg (Triparty) | 424,913,460 | 5.53\% |
|  | Equity-Domestic | Equity | 1,189,902,428 | 15.48\% |
|  | MBS - Private (CMO) | BB | 13,309,050 | 0.17\% |
|  |  | B | 354,728,113 | 4.61\% |
|  |  | CCC-C | 887,265,720 | 11.54\% |
|  |  | D | 42,437,015 | 0.55\% |
|  |  | Unkn Rtg (Triparty) | 18,626,796 | 0.24\% |
|  | Muni | Unkn Rtg (Triparty) | 24,257,679 | 0.32\% |
|  | Mutual Fund | AAA | 2,479,475,000 | 32.26\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 97,125,000 | 1.26\% |
|  | Treasury | Treasury | 97,707 | 0.00\% |
|  | Dealer Total |  | 7,686,638,466 | 100.00\% |
| Citigroup | ABS | AAA | 27,141,674 | 0.21\% |
|  |  | AA | 23,877 | 0.00\% |
|  |  | A | 31,015,256 | 0.24\% |
|  |  | BBB | 76,909,814 | 0.59\% |
|  |  | BB | 157,124,592 | 1.20\% |
|  |  | B | 341,947,014 | 2.61\% |
|  |  | CCC-C | 252,959,972 | 1.93\% |
|  |  | D | 31,010,117 | 0.24\% |
|  |  | Unkn Rtg (Triparty) | 285,138,419 | 2.18\% |
|  | Agency Debt | Agency | 319,179,994 | 2.43\% |
|  | CDs-CP-BAs | A-1 | 167,672,350 | 1.28\% |
|  |  | A-2 | Page 10 063,047,955 | 0.40\% |
|  |  | A-3 | 6,268,500 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 22,027,310 | 0.17\% |
|  | CMBS | Unkn Rtg (Triparty) | 84,580,528 | 0.65\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | D | 389,373,554 | 2.97\% |
|  |  | Unkn Rtg (Triparty) | 1,010,329,388 | 7.71\% |
|  | Convertible Bonds-Foreign | A | 42,111,252 | 0.32\% |
|  |  | BBB | 4,794,768 | 0.04\% |
|  |  | BB | 10,948,471 | 0.08\% |
|  |  | B | 61,006,490 | 0.47\% |
|  |  | Unkn Rtg (Triparty) | 500,911,382 | 3.82\% |
|  | Corporates-Domestic | AAA | 160,256 | 0.00\% |
|  |  | A | 19,839,825 | 0.15\% |
|  |  | BB | 306,041,102 | 2.33\% |
|  |  | B | 133,272,756 | 1.02\% |
|  |  | CCC-C | 325,851,988 | 2.49\% |
|  |  | D | 11,150,570 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 471,408,112 | 3.60\% |
|  | Corporates-Foreign | AA | 848,873 | 0.01\% |
|  |  | A | 9,072,552 | 0.07\% |
|  |  | BBB | 1,265,710 | 0.01\% |
|  |  | BB | 329,870 | 0.00\% |
|  |  | B | 192,484 | 0.00\% |
|  |  | CCC-C | 1,964,173 | 0.01\% |
|  |  | D | 336,978 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 102,270,415 | 0.78\% |
|  | Equity-Domestic | Equity | 1,682,865,716 | 12.84\% |
|  | Equity-Foreign | Equity | 480,130,696 | 3.66\% |
|  | Foreign Sovereigns-Domestic | BBB | 285,199 | 0.00\% |
|  |  | BB | 575,432 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 92,531 | 0.00\% |
|  | Foreign Sovereigns-Foreign | AAA | 55 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 77,892 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 43,168,913 | 0.33\% |
|  |  | AA | 2,173,061 | 0.02\% |
|  |  | A | 29,934,486 | 0.23\% |
|  |  | BBB | 7,554,271 | 0.06\% |
|  |  | BB | 118,546,438 | 0.90\% |
|  |  | B | 430,053,971 | 3.28\% |
|  |  | CCC-C | 621,806,151 | 4.74\% |
|  |  | D | 3,000 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 88,995,763 | 0.68\% |
|  | Muni | AAA | 143,765,494 | 1.10\% |
|  |  | AA | 101,043,005 | 0.77\% |
|  |  | A | 128,955,379 | 0.98\% |
|  |  | BBB | 205,633,530 | 1.57\% |
|  |  | BB | 80,818,596 | 0.62\% |
|  |  | B | 82,214,037 | 0.63\% |
|  |  | CCC-C Pa | of 1189,418,524 | 1.29\% |
|  |  | D | 15,816,807 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 126,035,051 | 0.96\% |
|  | Mutual Fund | AAA | 1,740,350,000 | 13.28\% |

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## Collateral Composition by Dealer (continued)

| Dealer | Collateral |  | Rating |
| :--- | :--- | ---: | ---: |
| Merrill Lynch | DBS | Dollar Value | \% Total |
|  | AAA | $32,361,041$ | $3.04 \%$ |
|  | A | $4,356,643$ | $0.41 \%$ |
|  | BBB | $1,35,374$ | $0.13 \%$ |
|  | BB | $16,878,504$ | $1.59 \%$ |
|  | B | $2,233,868$ | $0.21 \%$ |
|  | Unkn Rtg (Triparty) | $6,691,301$ | $0.63 \%$ |
|  | $42,970,384$ | $4.04 \%$ |  |
|  | Unkn Rtg (Triparty) | 471,385 | $0.04 \%$ |
|  | AA | 743,419 | $0.07 \%$ |
|  | BB | $25,398,618$ | $2.39 \%$ |
|  | B | $20,585,341$ | $1.93 \%$ |
|  | Unkn Rtg (Triparty) | $92,481,422$ | $8.69 \%$ |
|  | AA | 94,042 | $0.01 \%$ |
|  | A | 388,684 | $0.04 \%$ |
|  | BBB | $56,649,328$ | $5.32 \%$ |
|  | BB | $196,079,097$ | $18.42 \%$ |
|  | B | $2,218,814$ | $0.21 \%$ |
|  | CCC-C | $3,055,175$ | $0.29 \%$ |
|  | D | 494,484 | $0.05 \%$ |
|  | Unkn Rtg (Triparty) | $44,193,018$ | $4.15 \%$ |
|  | AAA | 759,092 | $0.07 \%$ |
|  | BB | $352,842,542$ | $33.15 \%$ |
|  | AAA | $142,674,591$ | $13.40 \%$ |
|  | AA | $4,941,407$ | $0.46 \%$ |
|  | A | $3,110,919$ | $0.29 \%$ |
|  | BBB | $8,557,647$ | $0.80 \%$ |
|  | BB | 491,431 | $0.05 \%$ |
|  | CCC-C | $1,410,082$ | $0.13 \%$ |
|  |  | $1,064,477,651$ | $100.00 \%$ |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF Collateral Report for Thursday , March 26
William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for Thursday, March 26:

- Total PDCF borrowing on Thursday was $\$ 20.28$ billion, a $\$ 0.10$ billion increase from Wednesday.
- Citigroup is currently providing $\$ 13.1$ billion of collateral consisting primarily of convertible debt (21.7\%), mutual funds ( $18 \%$ ), equities ( $15.7 \%$ ), and corporate debt (11.8\%). As compared to last week, this represents an increase of 1.4 percentage points of convertible debt collateral and an increase of 4.2 percentage points of corporate debt collateral. Over the same period, the proportion of mortgage backed securities collateral decreased by 5.7 percentage points.
- Of the $\$ 21.97$ billion of collateral provided by all participants, $32.3 \%$ are investment grade securities, $34.6 \%$ are non-investment grade securities, $14.6 \%$ are equities, and $18.5 \%$ are securities with unknown ratings.

PDCF Charts and Tables - 20090326.doc

Regards,
Luke

Luke Fitzpatrick
Markets Group
Federal Reserve Bank of New York
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# Primary Dealer Credit Facility Collateral Report 

For Thursday, March 26, 2009

## Highlights

- Total PDCF borrowing on Thursday was $\$ 20.28$ billion, a $\$ 0.10$ billion increase from Wednesday.
- Citigroup is currently providing $\$ 13.1$ billion of collateral consisting primarily of convertible debt ( $21.7 \%$ ), mutual funds ( $18 \%$ ), equities ( $15.7 \%$ ), and corporate debt ( $11.8 \%$ ). As compared to last week, this represents an increase of 1.4 percentage points of convertible debt collateral and an increase of 4.2 percentage points of corporate debt collateral. Over the same period, the proportion of mortgage backed securities collateral decreased by 5.7 percentage points.
- Of the $\$ 21.97$ billion of collateral provided by all participants, $32.3 \%$ are investment grade securities, $34.6 \%$ are noninvestment grade securities, $14.6 \%$ are equities, and $18.5 \%$ are securities with unknown ratings.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 3 / 2 6 / 2 0 0 9}$ | $\mathbf{0 3 / 2 5 / 2 0 0 9}$ | $\mathbf{0 3 / 2 4 / 2 0 0 9}$ | $\mathbf{0 3 / 2 3 / 2 0 0 9}$ | $\mathbf{0 3 / 2 0 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 7.20 | 7.10 | 7.10 | 6.90 | 7.00 |
| Citigroup | 12.10 | 12.10 | 12.10 | 12.10 | 12.10 |
| Merrill Lynch | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Total Borrowings | $\mathbf{2 0 . 2 8}$ | $\mathbf{2 0 . 1 8}$ | $\mathbf{2 0 . 1 8}$ | $\mathbf{1 9 . 9 8}$ | $\mathbf{2 0 . 0 8}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{2 1 . 9 7}$ | $\mathbf{2 1 . 8 6}$ | $\mathbf{2 1 . 8 7}$ | $\mathbf{2 1 . 6 6}$ | $\mathbf{2 1 . 7 7}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 3 3 \%}$ | $\mathbf{8 . 3 3 \%}$ | $\mathbf{8 . 3 7 \%}$ | $\mathbf{8 . 4 1 \%}$ | $\mathbf{8 . 4 2 \%}$ |



Composition of Collateral Pledged for March 26 Borrowings - in millions

[^104]| Rating $^{1}$ | Bank of America | Citigroup | Merrill Lynch | Total |
| :--- | ---: | ---: | ---: | ---: |
| Treasury | 0.1 | - | - | 0.1 |
| Agency | 59.3 | 319.2 | - | 378.4 |
| AAA | $2,462.1$ | $2,111.9$ | 80.0 | $4,654.0$ |
| AA | 63.0 | 102.5 | 74.3 | 239.8 |
| A | 19.1 | 322.9 | 15.0 | 356.9 |
| BBB | 40.7 | 830.3 | 96.7 | 967.7 |
| BB | 832.6 | 762.2 | 586.9 | $2,181.8$ |
| B | 699.3 | $1,259.3$ | 23.3 | $1,981.8$ |
| CCC-C | $1,493.1$ | $1,376.7$ | 4.9 | $2,874.7$ |
| D | 128.2 | 430.8 | 0.5 | 559.5 |
| A-1 | - | 436.9 | - | 436.9 |
| A-2 | - | 62.9 | - | 62.9 |
| A-3 | - | - | - | - |
| NP | - | - | - | - |
| Equity | $\mathbf{1 , 1 5 8 . 6}$ | $2,055.9$ | - | $3,214.4$ |
| Unkn Rtg (Triparty) | $\mathbf{8 5 4 . 3}$ | $3,028.4$ | $\mathbf{1 8 2 . 3}$ | $\mathbf{4 , 0 6 5 . 0}$ |
| Unkn Rtg (non-Triparty) | - | - | - | - |
| Total Collateral | $\mathbf{7 , 8 1 0 . 4}$ | $\mathbf{1 3 , 0 9 9 . 7}$ | $\mathbf{1 , 0 6 3 . 9}$ | $\mathbf{2 1 , 9 7 4 . 0}$ |
| Total Borrowings | $\mathbf{7 , 2 0 0 . 0}$ | $\mathbf{1 2 , 1 0 0 . 0}$ | $\mathbf{9 7 5 . 0}$ | $\mathbf{2 0 , 2 7 5 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 4 8 \%}$ | $\mathbf{8 . 2 6 \%}$ | $\mathbf{9 . 1 2 \%}$ | $\mathbf{8 . 3 8 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating



Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 102,583 | $0.00 \%$ |
| Agency | $3,653,432,269$ | $1.72 \%$ |
| AAA | $239,983,833$ | $21.18 \%$ |
| AA | $356,940,653$ | $1.09 \%$ |
| A | $967,718,869$ | $1.62 \%$ |
| BBB | $2,181,778,120$ | $9.93 \%$ |
| BB | $1,981,840,765$ | $9.02 \%$ |
| B | $2,874,707,116$ | $13.08 \%$ |
| CCC-C | $559,459,772$ | $2.55 \%$ |
| D | $436,877,973$ | $1.99 \%$ |
| A-1 | $62,894,868$ | $0.29 \%$ |
| A-2 | $3,214,425,992$ | $14.63 \%$ |
| Equity | $4,064,990,739$ | $18.50 \%$ |
| Unkn Rtg (Triparty) | $21,973,971,882$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,394,147,643$ | $10.90 \%$ |
| Agency Debt | $378,385,968$ | $1.72 \%$ |
| CDs-CP-BAs | $559,112,651$ | $2.54 \%$ |
| CMBS | $81,671,412$ | $0.37 \%$ |
| Convertible Bonds-Domestic | $2,711,554,153$ | $12.34 \%$ |
| Convertible Bonds-Foreign | $597,454,202$ | $2.72 \%$ |
| Corporates-Domestic | $2,615,296,391$ | $11.90 \%$ |
| Corporates-Foreign | $428,513,803$ | $1.95 \%$ |
| Equity-Domestic | $2,700,871,123$ | $12.29 \%$ |
| Equity-Foreign | $513,554,869$ | $2.34 \%$ |
| Foreign Sovereigns-Domestic | $353,690,557$ | $1.61 \%$ |
| Foreign Sovereigns-Foreign | 10,368 | $0.00 \%$ |
| MBS - Agency -CMO | 46,300 | $0.00 \%$ |
| MBS - Private (CMO) | $2,658,776,467$ | $12.10 \%$ |
| Muni | $1,065,892,702$ | $4.85 \%$ |
| Mutual Fund | $4,914,890,691$ | $22.37 \%$ |
| Treasury | 102,583 | $0.00 \%$ |
| Total | $21,973,971,882$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 62,492,170 | 0.80\% |
|  |  | A | 19,084,000 | 0.24\% |
|  |  | BBB | 40,111,631 | 0.51\% |
|  |  | BB | 175,844,548 | 2.25\% |
|  |  | B | 153,623,485 | 1.97\% |
|  |  | CCC-C | 447,940,166 | 5.74\% |
|  |  | D | 61,716,757 | 0.79\% |
|  |  | Unkn Rtg (Triparty) | 155,325,917 | 1.99\% |
|  | Agency Debt | Agency | 59,210,142 | 0.76\% |
|  | Convertible Bonds-Domestic | BB | 85,096,170 | 1.09\% |
|  |  | B | 22,703,394 | 0.29\% |
|  |  | CCC-C | 106,305 | 0.00\% |
|  |  | D | 21,954,970 | 0.28\% |
|  |  | Unkn Rtg (Triparty) | 343,375,284 | 4.40\% |
|  | Corporates-Domestic | BBB | 504,728 | 0.01\% |
|  |  | BB | 558,252,309 | 7.15\% |
|  |  | B | 126,393,865 | 1.62\% |
|  |  | CCC-C | 127,329,937 | 1.63\% |
|  |  | D | 3,479,401 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 216,191,708 | 2.77\% |
|  | Equity-Domestic | Equity | 1,158,566,973 | 14.83\% |
|  | MBS - Agency - CMO | Agency | 46,300 | 0.00\% |
|  | MBS - Private (CMO) | BBB | 54,465 | 0.00\% |
|  |  | BB | 13,424,196 | 0.17\% |
|  |  | B | 396,610,834 | 5.08\% |
|  |  | CCC-C | 917,772,221 | 11.75\% |
|  |  | D | 41,049,824 | 0.53\% |
|  |  | Unkn Rtg (Triparty) | 17,976,286 | 0.23\% |
|  | Muni | Unkn Rtg (Triparty) | 24,258,085 | 0.31\% |
|  | Mutual Fund | AAA | 2,462,125,000 | 31.52\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 97,150,000 | 1.24\% |
|  | Treasury | Treasury | 102,583 | 0.00\% |
|  | Dealer Total |  | 7,810,373,653 | 100.00\% |
| Citigroup | ABS | AAA | 45,453,877 | 0.35\% |
|  |  | AA | 112,815 | 0.00\% |
|  |  | A | 31,968,155 | 0.24\% |
|  |  | BBB | 69,134,452 | 0.53\% |
|  |  | BB | 130,446,557 | 1.00\% |
|  |  | B | 371,775,047 | 2.84\% |
|  |  | CCC-C | 240,894,994 | 1.84\% |
|  |  | D | 31,108,832 | 0.24\% |
|  |  | Unkn Rtg (Triparty) | Page 10 24 $51,501,518$ | 1.87\% |
|  | Agency Debt | Agency | 319,175,827 | 2.44\% |
|  | CDs-CP-BAs | A-1 | 436,877,973 | 3.34\% |
|  |  | A-2 | 62,894,868 | 0.48\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | B | 204,340,797 | 1.56\% |
|  |  | CCC-C | 66,269,331 | 0.51\% |
|  |  | D | 372,090,728 | 2.84\% |
|  |  | Unkn Rtg (Triparty) | 901,579,866 | 6.88\% |
|  | Convertible Bonds-Foreign | A | 41,988,096 | 0.32\% |
|  |  | BBB | 4,643,284 | 0.04\% |
|  |  | BB | 8,209,411 | 0.06\% |
|  |  | B | 65,973,663 | 0.50\% |
|  |  | Unkn Rtg (Triparty) | 476,639,748 | 3.64\% |
|  | Corporates-Domestic | AAA | 1,126,021 | 0.01\% |
|  |  | AA | 25,117 | 0.00\% |
|  |  | A | 51,282,300 | 0.39\% |
|  |  | BBB | 38,205,883 | 0.29\% |
|  |  | BB | 292,418,081 | 2.23\% |
|  |  | B | 155,095,095 | 1.18\% |
|  |  | CCC-C | 413,593,324 | 3.16\% |
|  |  | D | 11,718,129 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 466,345,056 | 3.56\% |
|  | Corporates-Foreign | AA | 37,217 | 0.00\% |
|  |  | A | 9,084,467 | 0.07\% |
|  |  | BBB | 1,267,449 | 0.01\% |
|  |  | BB | 52,761 | 0.00\% |
|  |  | B | 17,259 | 0.00\% |
|  |  | CCC-C | 1,966,474 | 0.02\% |
|  |  | D | 21,059 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 100,941,211 | 0.77\% |
|  | Equity-Domestic | Equity | 1,542,304,150 | 11.77\% |
|  | Equity-Foreign | Equity | 513,554,869 | 3.92\% |
|  | Foreign Sovereigns-Domestic | BB | 29,965 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 1,207 | 0.00\% |
|  | Foreign Sovereigns-Foreign | Unkn Rtg (Triparty) | 10,368 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 58,611,122 | 0.45\% |
|  |  | AA | 2,152,826 | 0.02\% |
|  |  | A | 19,583,176 | 0.15\% |
|  |  | BBB | 6,160,561 | 0.05\% |
|  |  | BB | 102,602,267 | 0.78\% |
|  |  | B | 380,189,048 | 2.90\% |
|  |  | CCC-C | 484,120,686 | 3.70\% |
|  |  | D | 3,000 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 88,782,521 | 0.68\% |
|  | Muni | AAA | 142,414,350 | 1.09\% |
|  |  | AA | 100,158,241 | 0.76\% |
|  |  | A | 128,377,535 | 0.98\% |
|  |  | BBB | 205,356,201 | 1.57\% |
|  |  | BB Pag | of 181,049,444 | 0.62\% |
|  |  | B | 81,862,963 | 0.62\% |
|  |  | CCC-C | 169,857,833 | 1.30\% |
|  |  | D | 15,821,958 | 0.12\% |
|  |  | Inkn Rta (Trinarty) | 16736097 | $089 \%$ |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Dealer Total |  | 13,099,709,960 | 100.00\% |
| Merrill Lynch | ABS | AAA | 32,417,984 | 3.05\% |
|  |  | AA | 4,352,067 | 0.41\% |
|  |  | A | 11,506,750 | 1.08\% |
|  |  | BBB | 18,101,963 | 1.70\% |
|  |  | BB | 2,237,397 | 0.21\% |
|  |  | Unkn Rtg (Triparty) | 42,996,559 | 4.04\% |
|  | Convert ble Bonds-Domestic | Unkn Rtg (Triparty) | 471,385 | 0.04\% |
|  | Corporates-Domestic | AA | 743,419 | 0.07\% |
|  |  | BBB | 11,679,587 | 1.10\% |
|  |  | BB | 25,499,205 | 2.40\% |
|  |  | B | 21,040,505 | 1.98\% |
|  |  | Unkn Rtg (Triparty) | 94,372,722 | 8.87\% |
|  | Corporates-Foreign | AA | 94,210 | 0.01\% |
|  |  | A | 389,378 | 0.04\% |
|  |  | BBB | 58,578,465 | 5.51\% |
|  |  | BB | 205,795,259 | 19.34\% |
|  |  | B | 2,214,811 | 0.21\% |
|  |  | CCC-C | 3,075,376 | 0.29\% |
|  |  | D | 495,114 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 44,483,294 | 4.18\% |
|  | Foreign Sovereigns-Domestic | AAA | 759,114 | 0.07\% |
|  |  | BB | 352,900,270 | 33.17\% |
|  | MBS - Private (CMO) | AAA | 46,801,365 | 4.40\% |
|  |  | AA | 69,150,252 | 6.50\% |
|  |  | A | 3,081,620 | 0.29\% |
|  |  | BBB | 8,377,523 | 0.79\% |
|  |  | BB | 492,206 | 0.05\% |
|  |  | CCC-C | 1,780,469 | 0.17\% |
|  | Dealer Total |  | 1,063,888,269 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF Collateral Report for March 27
William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for March 27:

- Total PDCF borrowing on Friday was $\$ 20.18$ billion, a $\$ 0.10$ billion decline from Thursday.
- Citigroup is currently providing $\$ 13.1$ billion of collateral against $\$ 12.1$ billion of borrowing, resulting in a collateral cushion of $8.21 \%$. As compared to Thursday, the collateral composition has slightly shifted away from convertible debt ( $21.7 \%$ to $17.3 \%$ ) towards both equities ( $15.7 \%$ to $18.1 \%$ ) and certificates of deposit/commercial paper ( $4.3 \%$ to $5.6 \%$ ).
- Of the $\$ 21.85$ billion of collateral provided by all participants, $34.3 \%$ are investment grade securities, $31.2 \%$ are non-investment grade securities, $16.2 \%$ are equities, and $18.3 \%$ are securities with unknown ratings.

Regards,
Luke

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PDCF Charts and Tables - 20090327.doc

# Primary Dealer Credit Facility Collateral Report 

For Friday, March 27, 2009

## Highlights

- Total PDCF borrowing on Friday was $\$ 20.18$ billion, a $\$ 0.10$ billion decline from Thursday.
- Citigroup is currently providing $\$ 13.1$ billion of collateral against $\$ 12.1$ billion of borrowing, resulting in a collateral cushion of $8.21 \%$. As compared to Thursday, the collateral composition has slightly shifted away from convertible debt ( $21.7 \%$ to $17.3 \%$ ) towards both equities ( $15.7 \%$ to $18.1 \%$ ) and certificates of deposit/commercial paper ( $4.3 \%$ to $5.6 \%$ ).
- Of the $\$ 21.85$ billion of collateral provided by all participants, $34.3 \%$ are investment grade securities, $31.2 \%$ are noninvestment grade securities, $16.2 \%$ are equities, and $18.3 \%$ are securities with unknown ratings.

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 3 / 2 7 / 2 0 0 9}$ | $\mathbf{0 3 / 2 6 / 2 0 0 9}$ | $\mathbf{0 3 / 2 5 / 2 0 0 9}$ | $\mathbf{0 3 / 2 4 / 2 0 0 9}$ | $\mathbf{0 3 / 2 3 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 7.10 | 7.20 | 7.10 | 7.10 | 6.90 |
| Citigroup | 12.10 | 12.10 | 12.10 | 12.10 | 12.10 |
| Merrill Lynch | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Total Borrowings | $\mathbf{2 0 . 1 8}$ | $\mathbf{2 0 . 2 8}$ | $\mathbf{2 0 . 1 8}$ | $\mathbf{2 0 . 1 8}$ | $\mathbf{1 9 . 9 8}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{2 1 . 8 5}$ | $\mathbf{2 1 . 9 7}$ | $\mathbf{2 1 . 8 6}$ | $\mathbf{2 1 . 8 7}$ | $\mathbf{2 1 . 6 6}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 2 8 \%}$ | $\mathbf{8 . 3 3 \%}$ | $\mathbf{8 . 3 3 \%}$ | $\mathbf{8 . 3 7 \%}$ | $\mathbf{8 . 4 1 \%}$ |



Composition of Collateral Pledged for March 27 Borrowings - in millions

[^105]| Rating $^{1}$ | Bank of America | Citigroup | Merrill Lynch | Total |
| :--- | ---: | ---: | ---: | ---: |
| Treasury | - | - | - | - |
| Agency | 35.7 | 319.2 | - | 354.9 |
| AAA | $2,436.0$ | $2,058.6$ | 82.4 | $4,577.1$ |
| AA | 54.3 | 184.6 | 73.9 | 312.9 |
| A | 183.2 | 408.9 | 15.0 | 607.1 |
| BBB | 187.2 | 702.5 | 108.5 | 998.1 |
| BB | 195.4 | 769.7 | 575.8 | $1,540.9$ |
| B | 445.9 | $1,113.8$ | 23.2 | $1,582.9$ |
| CCC-C | $1,516.0$ | $1,283.9$ | 4.5 | $2,804.4$ |
| D | 449.8 | 446.4 | 0.5 | 896.7 |
| A-1 | - | 469.8 | - | 469.8 |
| A-2 | - | 168.9 | - | 168.9 |
| A-3 | - | - | - | - |
| NP | - | - | - | - |
| Equity | $\mathbf{1 , 1 7 3 . 5}$ | $\mathbf{2 , 3 6 8 . 1}$ | - | $3,541.6$ |
| Unkn Rtg (Triparty) | $\mathbf{1 , 0 1 1 . 4}$ | $\mathbf{2 , 7 9 9 . 4}$ | $\mathbf{1 7 9 . 6}$ | $3,990.4$ |
| Unkn Rtg (non-Triparty) | - | - | - | - |
| Total Collateral | $\mathbf{7 , 6 8 8 . 3}$ | $\mathbf{1 3 , 0 9 3 . 8}$ | $\mathbf{1 , 0 6 3 . 5}$ | $\mathbf{2 1 , 8 4 5 . 6}$ |
| Total Borrowings | $\mathbf{7 , 1 0 0 . 0}$ | $\mathbf{1 2 , 1 0 0 . 0}$ | $\mathbf{9 7 5 . 0}$ | $\mathbf{2 0 , 1 7 5 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 2 9 \%}$ | $\mathbf{8 . 2 1 \%}$ | $\mathbf{9 . 0 8 \%}$ | $\mathbf{8 . 2 8 \%}$ |

Collateral Value and Rating Distribution by Dealer


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Distribution of Total Pledged Collateral by Rating



Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 15,984 | $0.00 \%$ |
| Agency | $3,577,871,052$ | $1.62 \%$ |
| AAA | $312,056,475$ | $20.95 \%$ |
| AA | $607,110,066$ | $1.43 \%$ |
| A | $9.78 \%$ |  |
| BBB | $1,540,124,910$ | $4.57 \%$ |
| BB | $1,582,873,079$ | $7.05 \%$ |
| B | $2,804,397,724$ | $7.25 \%$ |
| CCC-C | $896,737,552$ | $12.84 \%$ |
| D | $469,796,570$ | $2.10 \%$ |
| A-1 | $168,914,527$ | $0.77 \%$ |
| A-2 | $3,541,641,697$ | $16.21 \%$ |
| Equity | $3,990,370,809$ | $18.27 \%$ |
| Unkn Rtg (Triparty) | $21,845,630,749$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,342,216,777$ | $10.72 \%$ |
| Agency Debt | $354,871,052$ | $1.62 \%$ |
| CDs-CP-BAs | $729,474,997$ | $3.34 \%$ |
| CMBS | $79,986,060$ | $0.37 \%$ |
| Convertible Bonds-Domestic | $2,529,321,293$ | $11.58 \%$ |
| Convertible Bonds-Foreign | $503,047,556$ | $2.30 \%$ |
| Corporates-Domestic | $2,551,929,656$ | $11.68 \%$ |
| Corporates-Foreign | $416,482,787$ | $1.91 \%$ |
| Equity-Domestic | $3,077,939,535$ | $14.09 \%$ |
| Equity-Foreign | $463,702,161$ | $2.12 \%$ |
| FDCP | $99,957,000$ | $0.46 \%$ |
| Foreign Sovereigns-Domestic | $353,748,282$ | $1.62 \%$ |
| Foreign Sovereigns-Foreign | 86,734 | $0.00 \%$ |
| MBS - Private $(C M O)$ | $2,446,320,386$ | $11.20 \%$ |
| Muni | $1,046,181,549$ | $4.79 \%$ |
| Mutual Fund | $4,850,348,940$ | $22.20 \%$ |
| Treasury | 15,984 | $0.00 \%$ |
| Total | $21,845,630,749$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 53,777,307 | 0.70\% |
|  |  | A | 6,607,033 | 0.09\% |
|  |  | BBB | 38,936,570 | 0.51\% |
|  |  | BB | 109,322,844 | 1.42\% |
|  |  | B | 139,913,009 | 1.82\% |
|  |  | CCC-C | 436,464,064 | 5.68\% |
|  |  | D | 62,865,176 | 0.82\% |
|  |  | Unkn Rtg (Triparty) | 89,905,439 | 1.17\% |
|  | Agency Debt | Agency | 35,699,428 | 0.46\% |
|  | Convertible Bonds-Domestic | A | 176,589,943 | 2.30\% |
|  |  | BBB | 148,215,230 | 1.93\% |
|  |  | BB | 72,622,910 | 0.94\% |
|  |  | B | 11,297,500 | 0.15\% |
|  |  | CCC-C | 109,412 | 0.00\% |
|  |  | D | 3,182,289 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 358,878,007 | 4.67\% |
|  | Corporates-Domestic | B | 5,611 | 0.00\% |
|  |  | CCC-C | 219,851,518 | 2.86\% |
|  |  | D | 342,979,882 | 4.46\% |
|  |  | Unkn Rtg (Triparty) | 423,679,676 | 5.51\% |
|  | Equity-Domestic | Equity | 1,173,498,734 | 15.26\% |
|  | MBS - Private (CMO) | BB | 13,448,472 | 0.17\% |
|  |  | B | 294,710,426 | 3.83\% |
|  |  | CCC-C | 859,538,616 | 11.18\% |
|  |  | D | 40,796,992 | 0.53\% |
|  |  | Unkn Rtg (Triparty) | 17,511,266 | 0.23\% |
|  | Muni | Unkn Rtg (Triparty) | 24,258,454 | 0.32\% |
|  | Mutual Fund | AAA | 2,436,025,000 | 31.68\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 97,125,000 | 1.26\% |
|  | Treasury | Treasury | 15,984 | 0.00\% |
|  | Dealer Total |  | 7,688,331,792 | 100.00\% |
| Citigroup | ABS | AAA | 46,108,912 | 0.35\% |
|  |  | AA | 98,567,721 | 0.75\% |
|  |  | A | 50,337,880 | 0.38\% |
|  |  | BBB | 79,333,460 | 0.61\% |
|  |  | BB | 136,297,732 | 1.04\% |
|  |  | B | 371,898,685 | 2.84\% |
|  |  | CCC-C | 232,453,191 | 1.78\% |
|  |  | D | 31,207,548 | 0.24\% |
|  |  | Unkn Rtg (Triparty) | 245,554,025 | 1.88\% |
|  | Agency Debt | Agency | 319,171,625 | 2.44\% |
|  | CDs-CP-BAs | A-1 | Page 10469,196,570 | 3.59\% |
|  |  | A-2 | 168,914,527 | 1.29\% |
|  |  | Unkn Rtg (Triparty) | 90,763,900 | 0.69\% |
|  | CMBS | Unkn Rtg (Triparty) | 79,986,060 | 0.61\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | Unkn Rtg (Triparty) | 651,056,163 | 4.97\% |
|  | Convertible Bonds-Foreign | A | 41,979,641 | 0.32\% |
|  |  | BBB | 4,619,736 | 0.04\% |
|  |  | BB | 8,403,976 | 0.06\% |
|  |  | B | 65,319,705 | 0.50\% |
|  |  | Unkn Rtg (Triparty) | 382,724,499 | 2.92\% |
|  | Corporates-Domestic | AAA | 1,126,021 | 0.01\% |
|  |  | AA | 25,118 | 0.00\% |
|  |  | A | 79,674,781 | 0.61\% |
|  |  | BBB | 16,174,132 | 0.12\% |
|  |  | BB | 282,597,619 | 2.16\% |
|  |  | B | 133,871,259 | 1.02\% |
|  |  | CCC-C | 412,194,988 | 3.15\% |
|  |  | D | 11,695,799 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 464,395,140 | 3.55\% |
|  | Corporates-Foreign | A | 9,099,124 | 0.07\% |
|  |  | BBB | 1,269,571 | 0.01\% |
|  |  | BB | 107,869 | 0.00\% |
|  |  | B | 17,297 | 0.00\% |
|  |  | CCC-C | 1,970,444 | 0.02\% |
|  |  | D | 65,853 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 99,884,451 | 0.76\% |
|  | Equity-Domestic | Equity | 1,904,440,801 | 14.54\% |
|  | Equity-Foreign | Equity | 463,702,161 | 3.54\% |
|  | FDCP | Unkn Rtg (Triparty) | 99,957,000 | 0.76\% |
|  | Foreign Sovereigns-Domestic | BB | 29,972 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 1,174 | 0.00\% |
|  | Foreign Sovereigns-Foreign | AAA | 76,344 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 10,390 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 42,400,691 | 0.32\% |
|  |  | AA | 2,140,461 | 0.02\% |
|  |  | A | 19,597,122 | 0.15\% |
|  |  | BBB | 6,145,054 | 0.05\% |
|  |  | BB | 114,238,097 | 0.87\% |
|  |  | B | 357,920,083 | 2.73\% |
|  |  | CCC-C | 467,428,826 | 3.57\% |
|  |  | D | 3,337 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 81,512,582 | 0.62\% |
|  | Muni | AAA | 142,410,462 | 1.09\% |
|  |  | AA | 83,899,162 | 0.64\% |
|  |  | A | 127,556,950 | 0.97\% |
|  |  | BBB | 205,149,039 | 1.57\% |
|  |  | BB | 81,069,898 | 0.62\% |
|  |  | B | 82,822,204 | 0.63\% |
|  |  | CCC-C Pa | of 1159,839,388 | 1.30\% |
|  |  | D | 15,827,110 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 113,348,883 | 0.87\% |
|  | Mutual Fund | AAA | 1,826,525,000 | 13.95\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Merrill Lynch (con't) | ABS (con't) | AA | 4,359,890 | 0.41\% |
|  |  | A | 11,528,310 | 1.08\% |
|  |  | BBB | 18,133,551 | 1.71\% |
|  |  | BB | 2,241,603 | 0.21\% |
|  |  | Unkn Rtg (Triparty) | 41,647,308 | 3.92\% |
|  | Convertible Bonds-Domestic | Unkn Rtg (Triparty) | 471,385 | 0.04\% |
|  | Corporates-Domestic | AA | 743,419 | 0.07\% |
|  |  | BBB | 23,327,461 | 2.19\% |
|  |  | BB | 25,529,429 | 2.40\% |
|  |  | B | 21,029,354 | 1.98\% |
|  |  | Unkn Rtg (Triparty) | 93,028,449 | 8.75\% |
|  | Corporates-Foreign | AA | 93,507 | 0.01\% |
|  |  | A | 389,518 | 0.04\% |
|  |  | BBB | 58,655,759 | 5.52\% |
|  |  | BB | 194,598,956 | 18.30\% |
|  |  | B | 2,162,539 | 0.20\% |
|  |  | CCC-C | 3,168,898 | 0.30\% |
|  |  | D | 501,384 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 44,497,618 | 4.18\% |
|  | Foreign Sovereigns-Domestic | AAA | 759,137 | 0.07\% |
|  |  | BB | 352,957,999 | 33.19\% |
|  | MBS - Private (CMO) | AAA | 46,869,391 | 4.41\% |
|  |  | AA | 68,747,872 | 6.46\% |
|  |  | A | 3,063,591 | 0.29\% |
|  |  | BBB | 8,376,000 | 0.79\% |
|  |  | BB | 493,130 | 0.05\% |
|  |  | CCC-C | 1,378,380 | 0.13\% |
|  | Dealer Total |  | 1,063,509,357 | 10000\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF Collateral Report for March 30
William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for March 30:

- Total PDCF borrowing on Monday was $\$ 19.20$ billion, a $\$ 0.98$ billion decline from Friday.
- Bank of America has ceased borrowing through its Merrill Lynch London broker/dealer on Monday, one month ahead of the agreed upon date. The Merrill Lynch London broker/dealer may no longer borrow through the facility.
- As compared to Friday, Citigroup's collateral shifted towards mortgage backed securities (8.3\% to $15.9 \%$ ), convertible bonds ( $17.3 \%$ to $20.8 \%$ ), and agency debt ( $2.4 \%$ to $4.6 \%$ ). To balance these changes, the collateral has shifted away from asset backed securities ( $9.9 \%$ to $4.2 \%$ ) and corporate bonds ( $11.6 \%$ to $7.3 \%$ ).
- Of the $\$ 20.77$ billion of collateral provided by all participants, $34.2 \%$ are investment grade securities, $31.8 \%$ are non-investment grade securities, $16.1 \%$ are equities, and $18 \%$ are securities with unknown ratings.

Regards,
Luke

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## Primary Dealer Credit Facility Collateral Report

For Monday, March 30, 2009

## Highlights

- Total PDCF borrowing on Monday was $\$ 19.20$ billion, a $\$ 0.98$ billion decline from Friday.
- Bank of America has ceased borrowing through its Merrill Lynch London broker/dealer on Monday, one month ahead of the agreed upon date. The Merrill Lynch London broker/dealer may no longer borrow through the facility.
- As compared to Friday, Citigroup's collateral shifted towards mortgage backed securities ( $8.3 \%$ to $15.9 \%$ ), convertible bonds ( $17.3 \%$ to $20.8 \%$ ), and agency debt ( $2.4 \%$ to $4.6 \%$ ). To balance these changes, the collateral has shifted away from asset backed securities ( $9.9 \%$ to $4.2 \%$ ) and corporate bonds ( $11.6 \%$ to $7.3 \%$ )
- Of the $\$ 20.77$ billion of collateral provided by all participants, $34.2 \%$ are investment grade securities, $31.8 \%$ are noninvestment grade securities, $16.1 \%$ are equities, and $18 \%$ are securities with unknown ratings.

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 3 / 3 0 / 2 0 0 9}$ | $\mathbf{0 3 / 2 7 / 2 0 0 9}$ | $\mathbf{0 3 / 2 6 / 2 0 0 9}$ | $\mathbf{0 3 / 2 5 / 2 0 0 9}$ | $\mathbf{0 3 / 2 4 / 2 0 0 9}$ |
| :--- | :---: | ---: | ---: | ---: | ---: |
| Bank of America | 7.10 | 7.10 | 7.20 | 7.10 | 7.10 |
| Citigroup | 12.10 | 12.10 | 12.10 | 12.10 | 12.10 |
| Merrill Lynch | - | 0.98 | 0.98 | 0.98 | 0.98 |
| Total Borrowings | $\mathbf{1 9 . 2 0}$ | $\mathbf{2 0 . 1 8}$ | $\mathbf{2 0 . 2 8}$ | $\mathbf{2 0 . 1 8}$ | $\mathbf{2 0 . 1 8}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{2 0 . 7 7}$ | $\mathbf{2 1 . 8 5}$ | $\mathbf{2 1 . 9 7}$ | $\mathbf{2 1 . 8 6}$ | $\mathbf{2 1 . 8 7}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 1 8 \%}$ | $\mathbf{8 . 2 8 \%}$ | $\mathbf{8 . 3 3 \%}$ | $\mathbf{8 . 3 3 \%}$ | $\mathbf{8 . 3 7 \%}$ |

## PDCF Borrowing Trend



Composition of Collateral Pledged for March 30 Borrowings - in millions

[^106]| Rating $^{1}$ | Bank of America | Citigroup | Total |
| :--- | ---: | ---: | ---: |
| Treasury | 0.1 | - | 0.1 |
| Agency | 64.2 | 602.6 | 666.9 |
| AAA | $2,375.3$ | $2,004.8$ | $4,380.1$ |
| AA | 62.8 | 93.4 | 156.2 |
| A | 138.8 | 347.2 | 486.0 |
| BBB | 179.7 | 738.0 | 917.7 |
| BB | 283.8 | 495.0 | 778.7 |
| B | 546.6 | $1,162.9$ | $1,709.5$ |
| CCC-C | $1,526.2$ | $1,676.3$ | $3,202.5$ |
| D | 456.4 | 456.3 | 912.7 |
| A-1 | - | 412.9 | 412.9 |
| A-2 | - | 76.3 | 76.3 |
| A-3 | - | - | - |
| NP | - | - | - |
| Equity | $\mathbf{1 , 0 5 2 . 6}$ | $2,285.7$ | $3,338.2$ |
| Unkn Rtg (Triparty) | $\mathbf{1 , 0 1 6 . 4}$ | $\mathbf{2 , 7 1 8 . 0}$ | $3,734.4$ |
| Unkn Rtg (non-Triparty) | - | - | - |
| Total Collateral | $\mathbf{7 , 7 0 2 . 9}$ | $\mathbf{1 3 , 0 6 9 . 4}$ | $\mathbf{2 0 , 7 7 2 . 3}$ |
| Total Borrowings | $\mathbf{7 , 1 0 0 . 0}$ | $\mathbf{1 2 , 1 0 0 . 0}$ | $\mathbf{1 9 , 2 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 4 9 \%}$ | $\mathbf{8 . 0 1 \%}$ | $\mathbf{8 . 1 9 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating



Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 102,595 | $0.00 \%$ |
| Agency | $666,861,559$ | $3.21 \%$ |
| AAA | $4,380,069,959$ | $21.09 \%$ |
| AA | $156,242,560$ | $0.75 \%$ |
| A | $485,974,383$ | $2.34 \%$ |
| BBB | $917,735,458$ | $4.42 \%$ |
| BB | $778,736,205$ | $3.75 \%$ |
| B | $1,709,530,654$ | $8.23 \%$ |
| CCC-C | $9,202,530,963$ | $15.42 \%$ |
| D | $412,737,601$ | $4.39 \%$ |
| A-1 | $76,287,522$ | $1.99 \%$ |
| A-2 | $3,338,213,965$ | $0.37 \%$ |
| Equity | $3,734,397,896$ | $17.07 \%$ |
| Unkn Rtg (Triparty) | $20,772,326,656$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $1,660,715,254$ | $7.99 \%$ |
| Agency Debt | $666,822,574$ | $3.21 \%$ |
| CDs-CP-BAs | $524,187,608$ | $2.52 \%$ |
| CMBS | $123,584,737$ | $0.59 \%$ |
| Convertible Bonds-Domestic | $2,856,632,401$ | $13.75 \%$ |
| Convertible Bonds-Foreign | $498,703,196$ | $2.40 \%$ |
| Corporates-Domestic | $1,816,158,399$ | $8.74 \%$ |
| Corporates-Foreign | $96,117,098$ | $0.46 \%$ |
| Equity-Domestic | $2,884,348,845$ | $13.89 \%$ |
| Equity-Foreign | $453,865,120$ | $2.18 \%$ |
| MBS - Agency -CMO | 38,985 | $0.00 \%$ |
| MBS - Private (CMO) | $3,452,938,673$ | $16.62 \%$ |
| Muni | $1,013,541,041$ | $4.88 \%$ |
| Mutual Fund | $4,724,570,130$ | $22.74 \%$ |
| Treasury | 102,595 | $0.00 \%$ |
| Total | $20,772,326,656$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 62,321,366 | 0.81\% |
|  |  | A | 18,951,095 | 0.25\% |
|  |  | BBB | 39,759,477 | 0.52\% |
|  |  | BB | 169,564,655 | 2.20\% |
|  |  | B | 152,125,580 | 1.97\% |
|  |  | CCC-C | 450,404,484 | 5.85\% |
|  |  | D | 64,378,659 | 0.84\% |
|  |  | Unkn Rtg (Triparty) | 155,466,267 | 2.02\% |
|  | Agency Debt | Agency | 64,207,306 | 0.83\% |
|  | Convertible Bonds-Domestic | A | 119,838,641 | 1.56\% |
|  |  | BBB | 139,876,330 | 1.82\% |
|  |  | BB | 67,509,356 | 0.88\% |
|  |  | B | 152,775 | 0.00\% |
|  |  | CCC-C | 417,276 | 0.01\% |
|  |  | D | 14,441,342 | 0.19\% |
|  |  | Unkn Rtg (Triparty) | 298,281,451 | 3.87\% |
|  | Corporates-Domestic | BB | 33,201,755 | 0.43\% |
|  |  | CCC-C | 157,879,878 | 2.05\% |
|  |  | D | 336,977,212 | 4.37\% |
|  |  | Unkn Rtg (Triparty) | 423,966,930 | 5.50\% |
|  | Equity-Domestic | Equity | 1,052,561,398 | 13.66\% |
|  | MBS - Agency - CMO | Agency | 38,985 | 0.00\% |
|  | MBS - Private (CMO) | BBB | 50,276 | 0.00\% |
|  |  | BB | 13,475,782 | 0.17\% |
|  |  | B | 394,339,640 | 5.12\% |
|  |  | CCC-C | 917,526,852 | 11.91\% |
|  |  | D | 40,650,121 | 0.53\% |
|  |  | Unkn Rtg (Triparty) | 17,255,749 | 0.22\% |
|  | Muni | Unkn Rtg (Triparty) | 24,258,274 | 0.31\% |
|  | Mutual Fund | AAA | 2,375,300,000 | 30.84\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 97,150,000 | 1.26\% |
|  | Treasury | Treasury | 102,595 | 0.00\% |
|  | Dealer Total |  | 7,702,931,506 | 100.00\% |
| Citigroup | ABS | AAA | 45,402,012 | 0.35\% |
|  |  | AA | 88,263 | 0.00\% |
|  |  | A | 28,302,166 | 0.22\% |
|  |  | BBB | 66,082,291 | 0.51\% |
|  |  | BB | 19,133,566 | 0.15\% |
|  |  | B | 210,544,257 | 1.61\% |
|  |  | CCC-C | 26,194,942 | 0.20\% |
|  |  | D | 11,328,686 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | Page 10 040,667,490 | 1.08\% |
|  | Agency Debt | Agency | 602,615,268 | 4.61\% |
|  | CDs-CP-BAs | A-1 | 412,905,522 | 3.16\% |
|  |  | A-2 | 76,287,336 | 0.58\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | BB | 174,186,113 | 1.33\% |
|  |  | B | 196,669,236 | 1.50\% |
|  |  | CCC-C | 49,646,075 | 0.38\% |
|  |  | D | 383,262,586 | 2.93\% |
|  |  | Unkn Rtg (Triparty) | 844,570,938 | 6.46\% |
|  | Convertible Bonds-Foreign | A | 41,150,924 | 0.31\% |
|  |  | BB | 5,709,751 | 0.04\% |
|  |  | B | 62,685,329 | 0.48\% |
|  |  | Unkn Rtg (Triparty) | 389,157,192 | 2.98\% |
|  | Corporates-Domestic | AAA | 1,126,021 | 0.01\% |
|  |  | AA | 25,123 | 0.00\% |
|  |  | A | 19,440,361 | 0.15\% |
|  |  | BB | 8,586,848 | 0.07\% |
|  |  | B | 91,357,726 | 0.70\% |
|  |  | CCC-C | 332,253,754 | 2.54\% |
|  |  | D | 12,173,064 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 399,169,728 | 3.05\% |
|  | Corporates-Foreign | A | 8,932,638 | 0.07\% |
|  |  | BBB | 1,246,569 | 0.01\% |
|  |  | CCC-C | 1,908,374 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 84,029,517 | 0.64\% |
|  | Equity-Domestic | Equity | 1,831,787,448 | 14.02\% |
|  | Equity-Foreign | Equity | 453,865,120 | 3.47\% |
|  | MBS - Private (CMO) | AAA | 49,066,166 | 0.38\% |
|  |  | AA | 8,971,571 | 0.07\% |
|  |  | A | 38,689,650 | 0.30\% |
|  |  | BBB | 11,071,230 | 0.08\% |
|  |  | BB | 206,608,799 | 1.58\% |
|  |  | B | 517,328,663 | 3.96\% |
|  |  | CCC-C | 1,096,394,556 | 8.39\% |
|  |  | D | 33,683,366 | 0.26\% |
|  |  | Unkn Rtg (Triparty) | 107,826,252 | 0.83\% |
|  | Muni | AAA | 140,300,760 | 1.07\% |
|  |  | AA | 55,571,004 | 0.43\% |
|  |  | A | 126,213,175 | 0.97\% |
|  |  | BBB | 205,089,971 | 1.57\% |
|  |  | BB | 80,759,580 | 0.62\% |
|  |  | B | 84,327,448 | 0.65\% |
|  |  | CCC-C | 169,904,773 | 1.30\% |
|  |  | D | 15,842,565 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 111,273,492 | 0.85\% |
|  | Mutual Fund | AAA | 1,768,875,000 | 13.53\% |
|  |  | Unkn Rtg (Triparty) | 482,745,130 | 3.69\% |
|  | Dealer Total |  | 13,069,395,150 | 100.00\% |

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## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF Collateral Report for March 31
William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan 04/01/2009 11:24 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

## Highlights for March 31:

- Total PDCF borrowing on Tuesday was $\$ 18.12$ billion, a $\$ 1.08$ billion decline from Monday.
- Bank of America's borrowing through the facility has declined $\$ 1.88$ billion over the past three days. This is the largest three day decline in borrowing by Bank of America since February 19, 2009.
- Citigroup is currently providing $\$ 12.8$ billion of collateral consisting primarily of convertible debt (22.3\%), mutual funds (18.3\%), and equities (17.6\%). As compared to Monday, there was an increase of 3.7 percentage points in the proportion of corporate bonds and an increase of 4.0 percentage points in the proportion of asset backed securities. A decrease of 7.4 percentage points in the proportion of mortgage backed securities balanced these changes in the collateral provided by Citigroup.
- Of the $\$ 19.59$ billion of collateral provided by all participants, $36.0 \%$ are investment grade securities, $27.4 \%$ are non-investment grade securities, $16.4 \%$ are equities, and $20.2 \%$ are securities with unknown ratings.

Regards,
Luke

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PDCF Charts and Tables - 20090331.doc

# Primary Dealer Credit Facility Collateral Report 

For Tuesday, March 31, 2009

## Highlights

- Total PDCF borrowing on Tuesday was $\$ 18.12$ billion, a $\$ 1.08$ billion decline from Monday.
- Bank of America's borrowing through the facility has declined $\$ 1.88$ billion over the past three days. This is the largest three day decline in borrowing by Bank of America since February 19, 2009.
- Citigroup is currently providing $\$ 12.8$ billion of collateral consisting primarily of convertible debt ( $22.3 \%$ ), mutual funds ( $18.3 \%$ ), and equities ( $17.6 \%$ ). As compared to Monday, there was an increase of 3.7 percentage points in the proportion of corporate bonds and an increase of 4.0 percentage points in the proportion of asset backed securities. A decrease of 7.4 percentage points in the proportion of mortgage backed securities balanced these changes in the collateral provided by Citigroup.
- Of the $\$ 19.59$ billion of collateral provided by all participants, $36.0 \%$ are investment grade securities, $27.4 \%$ are noninvestment grade securities, $16.4 \%$ are equities, and $20.2 \%$ are securities with unknown ratings.

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 3 / 3 1 / 2 0 0 9}$ | $\mathbf{0 3 / 3 0 / 2 0 0 9}$ | $\mathbf{0 3 / 2 7 / 2 0 0 9}$ | $\mathbf{0 3 / 2 6 / 2 0 0 9}$ | $\mathbf{0 3 / 2 5 / 2 0 0 9}$ |
| :--- | :---: | ---: | ---: | ---: | ---: |
| Bank of America | 6.30 | 7.10 | 7.10 | 7.20 | 7.10 |
| Citigroup | 11.82 | 12.10 | 12.10 | 12.10 | 12.10 |
| Merrill Lynch | - | - | 0.98 | 0.98 | 0.98 |
| Total Borrowings | $\mathbf{1 8 . 1 2}$ | $\mathbf{1 9 . 2 0}$ | $\mathbf{2 0 . 1 8}$ | $\mathbf{2 0 . 2 8}$ | $\mathbf{2 0 . 1 8}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{1 9 . 5 9}$ | $\mathbf{2 0 . 7 7}$ | $\mathbf{2 1 . 8 5}$ | $\mathbf{2 1 . 9 7}$ | $\mathbf{2 1 . 8 6}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 1 1 \%}$ | $\mathbf{8 . 1 8 \%}$ | $\mathbf{8 . 2 8 \%}$ | $\mathbf{8 . 3 3 \%}$ | $\mathbf{8 . 3 3 \%}$ |

## PDCF Borrowing Trend



Composition of Collateral Pledged for March 31 Borrowings - in millions

[^107]|  | Rating ${ }^{1}$ | Bank of America | Citigroup |
| :--- | ---: | ---: | ---: |
| Total |  |  |  |
| Treasury | - | 180.9 | 180.9 |
| Agency | 64.3 | 394.4 | 458.7 |
| AAA | $2,384.7$ | $2,079.5$ | $4,464.2$ |
| AA | 214.8 | 82.9 | 297.8 |
| A | 225.4 | 354.7 | 580.1 |
| BBB | 153.1 | 786.9 | 940.0 |
| BB | 201.6 | 850.5 | $1,052.2$ |
| B | 302.5 | $1,260.7$ | $1,563.2$ |
| CCC-C | $1,053.8$ | $1,293.9$ | $2,347.7$ |
| D | 325.1 | 81.8 | 406.9 |
| A-1 | - | 121.0 | 121.0 |
| A-2 | - | 10.3 | 10.3 |
| A-3 | - | - | - |
| NP | - | - | - |
| Equity | 962.5 | $2,241.3$ | $3,203.8$ |
| Unkn Rtg (Triparty) | 932.0 | $3,032.0$ | $3,964.0$ |
| Unkn Rtg (non-Triparty) | - | - | - |
| Total Collateral | $\mathbf{6 , 8 1 9 . 9}$ | $\mathbf{1 2 , 7 7 0 . 8}$ | $\mathbf{1 9 , 5 9 0 . 8}$ |
| Total Borrowings | $\mathbf{6 , 3 0 0 . 0}$ | $\mathbf{1 1 , 8 1 6 . 0}$ | $\mathbf{1 8 , 1 1 6 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 2 5 \%}$ | $\mathbf{8 . 0 8 \%}$ | $\mathbf{8 . 1 4 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating



Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $180,948,538$ | $0.92 \%$ |
| Agency | $458,710,294$ | $2.34 \%$ |
| AAA | $4,464,246,023$ | $22.79 \%$ |
| AA | $297,755,735$ | $1.52 \%$ |
| A | $580,053,549$ | $2.96 \%$ |
| BBB | $940,020,471$ | $4.80 \%$ |
| BB | $1,052,156,742$ | $5.37 \%$ |
| B | $2,343,660,509$ | $7.98 \%$ |
| CCC-C | $406,903,069$ | $11.98 \%$ |
| D | $121,032,444$ | $0.08 \%$ |
| A-1 | $10,297,251$ | $0.05 \%$ |
| A-2 | $3,203,822,549$ | $16.35 \%$ |
| Equity | $3,963,987,519$ | $20.23 \%$ |
| Unkn Rtg (Triparty) | $19,590,787,956$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $1,930,879,098$ | $9.86 \%$ |
| Agency Debt | $418,047,229$ | $2.13 \%$ |
| CDs-CP-BAs | $131,329,695$ | $0.67 \%$ |
| CMBS | $140,251,950$ | $0.72 \%$ |
| Convertible Bonds-Domestic | $2,821,392,953$ | $14.40 \%$ |
| Convertible Bonds-Foreign | $558,562,303$ | $2.85 \%$ |
| Corporates-Domestic | $1,936,010,700$ | $9.88 \%$ |
| Corporates-Foreign | $109,060,825$ | $0.56 \%$ |
| Equity-Domestic | $2,813,210,847$ | $14.36 \%$ |
| Equity-Foreign | $390,611,701$ | $1.99 \%$ |
| MBS - Agency - CMO | $22,941,664$ | $0.12 \%$ |
| MBS - Agency - Pass Through | $17,721,401$ | $0.09 \%$ |
| MBS - Private (CMO) | $1,953,105,157$ | $9.97 \%$ |
| Muni | $1,377,129,803$ | $7.03 \%$ |
| Mutual Fund | $4,788,541,598$ | $24.44 \%$ |
| Supranational | $1,042,494$ | $0.01 \%$ |
| Treasury | $180,948,538$ | $0.92 \%$ |
| Total | $19,590,787,956$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 37,212,523 | 0.55\% |
|  |  | A | 18,783,136 | 0.28\% |
|  |  | BBB | 1,589,700 | 0.02\% |
|  |  | BB | 106,901,167 | 1.57\% |
|  |  | B | 131,173,674 | 1.92\% |
|  |  | CCC-C | 367,502,091 | 5.39\% |
|  |  | D | 64,155,614 | 0.94\% |
|  |  | Unkn Rtg (Triparty) | 155,528,104 | 2.28\% |
|  | Agency Debt | Agency | 64,300,210 | 0.94\% |
|  | Convertible Bonds-Domestic | A | 177,969,535 | 2.61\% |
|  |  | BBB | 141,747,691 | 2.08\% |
|  |  | BB | 73,712,373 | 1.08\% |
|  |  | CCC-C | 92,040 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 139,429,629 | 2.04\% |
|  | Corporates-Domestic | CCC-C | 11,723,783 | 0.17\% |
|  |  | D | 220,813,180 | 3.24\% |
|  |  | Unkn Rtg (Triparty) | 408,166,799 | 5.98\% |
|  | Equity-Domestic | Equity | 962,494,370 | 14.11\% |
|  | MBS - Agency - CMO | Agency | 38,879 | 0.00\% |
|  | MBS - Private (CMO) | BBB | 50,256 | 0.00\% |
|  |  | BB | 13,523,357 | 0.20\% |
|  |  | B | 171,342,175 | 2.51\% |
|  |  | CCC-C | 669,729,651 | 9.82\% |
|  |  | D | 40,164,017 | 0.59\% |
|  |  | Unkn Rtg (Triparty) | 17,275,849 | 0.25\% |
|  | Muni | AAA | 34,600,317 | 0.51\% |
|  |  | AA | 177,117,903 | 2.60\% |
|  |  | A | 28,619,039 | 0.42\% |
|  |  | BBB | 9,700,000 | 0.14\% |
|  |  | BB | 7,490,000 | 0.11\% |
|  |  | CCC-C | 4,750,000 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 114,454,080 | 1.68\% |
|  | Mutual Fund | AAA | 2,350,125,000 | 34.46\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 97,150,000 | 1.42\% |
|  | Treasury | Treasury | 15,984 | 0.00\% |
|  | Dealer Total |  | 6,819,942,124 | 100.00\% |
| Citigroup | ABS | AAA | 45,367,688 | 0.36\% |
|  |  | AA | 88,263 | 0.00\% |
|  |  | A | 28,228,776 | 0.22\% |
|  |  | BBB | 61,114,713 | 0.48\% |
|  |  | BB | 131,782,766 | 1.03\% |
|  |  | B | Page 10 \% 2 , 6 99,646 | 2.84\% |
|  |  | CCC-C | 222,438,938 | 1.74\% |
|  |  | D | 29,609,664 | 0.23\% |
|  |  | Unkn Rtg (Triparty) | 166,402,634 | 1.30\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | A | 47,188,252 | 0.37\% |
|  |  | BBB | 516,360,789 | 4.04\% |
|  |  | BB | 236,062,091 | 1.85\% |
|  |  | B | 289,195,453 | 2.26\% |
|  |  | CCC-C | 101,019,531 | 0.79\% |
|  |  | D | 27,138,294 | 0.21\% |
|  |  | Unkn Rtg (Triparty) | 1,043,092,026 | 8.17\% |
|  | Convertible Bonds-Foreign | A | 41,934,769 | 0.33\% |
|  |  | BB | 7,705,701 | 0.06\% |
|  |  | B | 62,109,136 | 0.49\% |
|  |  | Unkn Rtg (Triparty) | 446,812,697 | 3.50\% |
|  | Corporates-Domestic | AAA | 1,126,021 | 0.01\% |
|  |  | AA | 7,715,810 | 0.06\% |
|  |  | A | 47,006,132 | 0.37\% |
|  |  | BB | 283,448,938 | 2.22\% |
|  |  | B | 150,111,080 | 1.18\% |
|  |  | CCC-C | 350,816,747 | 2.75\% |
|  |  | D | 9,174,583 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 445,907,627 | 3.49\% |
|  | Corporates-Foreign | A | 8,839,166 | 0.07\% |
|  |  | B | 1,233,599 | 0.01\% |
|  |  | CCC-C | 1,888,149 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 97,099,911 | 0.76\% |
|  | Equity-Domestic | Equity | 1,850,716,478 | 14.49\% |
|  | Equity-Foreign | Equity | 390,611,701 | 3.06\% |
|  | MBS - Agency - CMO | Agency | 22,902,784 | 0.18\% |
|  | MBS - Agency - Pass Through | Agency | 17,721,401 | 0.14\% |
|  | MBS - Private (CMO) | AAA | 42,534,731 | 0.33\% |
|  |  | AA | 2,097,691 | 0.02\% |
|  |  | A | 31,791,110 | 0.25\% |
|  |  | BBB | 5,990,415 | 0.05\% |
|  |  | BB | 110,674,661 | 0.87\% |
|  |  | B | 310,645,956 | 2.43\% |
|  |  | CCC-C | 447,696,676 | 3.51\% |
|  |  | Unkn Rtg (Triparty) | 89,588,614 | 0.70\% |
|  | Muni | AAA | 140,163,375 | 1.10\% |
|  |  | AA | 44,638,297 | 0.35\% |
|  |  | A | 149,693,634 | 1.17\% |
|  |  | BBB | 203,466,907 | 1.59\% |
|  |  | BB | 80,855,688 | 0.63\% |
|  |  | B | 84,382,490 | 0.66\% |
|  |  | CCC-C | 170,002,960 | 1.33\% |
|  |  | D | 15,847,717 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 111,347,399 | 0.87\% |
|  | Mutual Fund | AAA Page | 3 of 1849,375,000 | 14.48\% |
|  |  | Unkn Rtg (Triparty) | 491,391,598 | 3.85\% |
|  | Supranational | AAA | 953,891 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 88,603 | 0.00\% |

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## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF Collateral Report for April 1
William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan 04/02/2009 11:18 AM McLaughlin, William Walsh, Spence Hilton, Debby

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Highlights for April 1:

- Total PDCF borrowing on Wednesday was $\$ 18.30$ billion, a $\$ 0.18$ billion increase from Tuesday.
- As compared to Tuesday, Citigroup increased its borrowing $\$ 0.18$ billion to $\$ 12.0$ billion, $\$ 2.5$ billion of which is through its London broker/dealer. During this time, Citigroup's collateral shifted away from equities ( $17.6 \%$ to $15.3 \%$ ) and towards investment grade securities ( $31.4 \%$ to $33.8 \%$ ). This shift was primarily due to a $\$ 0.58$ billion increase in certificates of deposit/commercial paper collateral.
- Total PDCF collateral consists primarily of mutual funds (24.1\%), convertible securities (17.2\%), equities ( $14.7 \%$ ), corporate bonds ( $10.4 \%$ ), and mortgage backed securities ( $10.2 \%$ ).

Regards,
Luke

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PDCF Charts and Tables - 20090401.doc

# Primary Dealer Credit Facility Collateral Report 

For Wednesday, April 01, 2009

## Highlights

- Total PDCF borrowing on Wednesday was $\$ 18.30$ billion, a $\$ 0.18$ billion increase from Tuesday.
- As compared to Tuesday, Citigroup increased its borrowing $\$ 0.18$ billion to $\$ 12.0$ billion, $\$ 2.5$ billion of which is through its London broker/dealer. During this time, Citigroup's collateral shifted away from equities ( $17.6 \%$ to $15.3 \%$ ) and towards investment grade securities ( $31.4 \%$ to $33.8 \%$ ). This shift was primarily due to a $\$ 0.58$ billion increase in certificates of deposit/commercial paper collateral.
- Total PDCF collateral consists primarily of mutual funds (24.1\%), convertible securities (17.2\%), equities (14.7\%), corporate bonds (10.4\%), and mortgage backed securities (10.2\%).


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 4 / 0 1 / 2 0 0 9}$ | $\mathbf{0 3 / 3 1 / 2 0 0 9}$ | $\mathbf{0 3 / 3 0 / 2 0 0 9}$ | $\mathbf{0 3 / 2 7 / 2 0 0 9}$ | $\mathbf{0 3 / 2 6 / 2 0 0 9}$ |
| :--- | :---: | ---: | ---: | ---: | ---: |
| Bank of America | 6.30 | 6.30 | 7.10 | 7.10 | 7.20 |
| Citigroup | 12.00 | 11.82 | 12.10 | 12.10 | 12.10 |
| Merrill Lynch | - | - | - | 0.98 | 0.98 |
| Total Borrowings | $\mathbf{1 8 . 3 0}$ | $\mathbf{1 8 . 1 2}$ | $\mathbf{1 9 . 2 0}$ | $\mathbf{2 0 . 1 8}$ | $\mathbf{2 0 . 2 8}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{1 9 . 7 9}$ | $\mathbf{1 9 . 5 9}$ | $\mathbf{2 0 . 7 7}$ | $\mathbf{2 1 . 8 5}$ | $\mathbf{2 1 . 9 7}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 1 4 \%}$ | $\mathbf{8 . 1 1 \%}$ | $\mathbf{8 . 1 8 \%}$ | $\mathbf{8 . 2 8 \%}$ | $\mathbf{8 . 3 3 \%}$ |

## PDCF Borrowing Trend



Composition of Collateral Pledged for April 01 Borrowings - in millions

[^108]|  | Bank of America | Citigroup | Total |
| :--- | ---: | ---: | ---: |
| Treasury | - | - | - |
| Agency | 56.5 | 319.1 | 375.6 |
| AAA | $2,355.9$ | $2,142.4$ | $4,498.3$ |
| AA | 37.6 | 38.5 | 76.1 |
| A | 197.2 | 293.9 | 491.2 |
| BBB | 158.0 | 910.7 | $1,068.8$ |
| BB | 193.4 | 801.4 | 994.8 |
| B | 288.8 | $1,236.4$ | $1,525.3$ |
| CCC-C | $1,037.4$ | $1,303.9$ | $2,341.4$ |
| D | 324.7 | 87.7 | 412.3 |
| A-1 | - | 675.2 | 675.2 |
| A-2 | - | 5.9 | 5.9 |
| A-3 | - | - | - |
| NP | - | - | - |
| Equity | 930.4 | $1,983.0$ | $2,913.4$ |
| Unkn Rtg (Triparty) | $1,235.8$ | $3,180.6$ | $4,416.4$ |
| Unkn Rtg (non-Triparty) | - | - | - |
| Total Collateral | $\mathbf{6 , 8 1 5 . 7}$ | $\mathbf{1 2 , 9 7 8 . 9}$ | $\mathbf{1 9 , \mathbf { 7 9 4 . 7 }}$ |
| Total Borrowings | $\mathbf{6 , 3 0 0 . 0}$ | $\mathbf{1 2 , 0 0 0 . 0}$ | $\mathbf{1 8 , 3 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 1 9 \%}$ | $\mathbf{8 . 1 6 \%}$ | $\mathbf{8 . 1 7 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating



Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 15,985 | $0.00 \%$ |
| Agency | $375,642,199$ | $1.90 \%$ |
| AAA | $4,498,289,460$ | $22.72 \%$ |
| AA | $76,117,738$ | $0.38 \%$ |
| A | $491,170,699$ | $2.48 \%$ |
| BBB | $9,068,769,293$ | $5.40 \%$ |
| BB | $1,525,773,984$ | $5.03 \%$ |
| B | $2,341,359,475$ | $7.71 \%$ |
| CCC-C | $412,312,977$ | $11.83 \%$ |
| D | $675,204,397$ | $3.08 \%$ |
| A-1 | $5,945,100$ | $0.03 \%$ |
| A-2 | $2,913,389,187$ | $14.72 \%$ |
| Equity | $4,416,403,408$ | $22.31 \%$ |
| Unkn Rtg (Triparty) | $19,794,657,937$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $1,945,153,234$ | $9.83 \%$ |
| Agency Debt | $375,642,199$ | $1.90 \%$ |
| CDs-CP-BAs | $710,870,497$ | $3.59 \%$ |
| CMBS | $129,080,826$ | $0.65 \%$ |
| Convertible Bonds-Domestic | $2,909,584,492$ | $14.70 \%$ |
| Convertible Bonds-Foreign | $499,283,574$ | $2.52 \%$ |
| Corporates-Domestic | $1,946,003,227$ | $9.83 \%$ |
| Corporates-Foreign | $107,091,852$ | $0.54 \%$ |
| Equity-Domestic | $2,505,352,435$ | $12.66 \%$ |
| Equity-Foreign | $408,036,752$ | $2.06 \%$ |
| MBS -Private (CMO) | $2,008,950,766$ | $10.15 \%$ |
| Muni | $1,470,222,165$ | $7.43 \%$ |
| Mutual Fund | $4,779,369,933$ | $24.14 \%$ |
| Treasury | 15,985 | $0.00 \%$ |
| Total | $19,794,657,937$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 28,587,081 | 0.42\% |
|  |  | A | 6,466,141 | 0.09\% |
|  |  | BBB | 4,746,134 | 0.07\% |
|  |  | BB | 83,624,490 | 1.23\% |
|  |  | B | 123,963,146 | 1.82\% |
|  |  | CCC-C | 349,249,871 | 5.12\% |
|  |  | D | 63,914,635 | 0.94\% |
|  |  | Unkn Rtg (Triparty) | 156,870,249 | 2.30\% |
|  | Agency Debt | Agency | 56,512,241 | 0.83\% |
|  | Convertible Bonds-Domestic | A | 180,795,967 | 2.65\% |
|  |  | BBB | 147,433,001 | 2.16\% |
|  |  | BB | 88,699,823 | 1.30\% |
|  |  | B | 14,544,702 | 0.21\% |
|  |  | CCC-C | 91,680 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 145,395,436 | 2.13\% |
|  | Corporates-Domestic | CCC-C | 13,463,460 | 0.20\% |
|  |  | D | 220,772,922 | 3.24\% |
|  |  | Unkn Rtg (Triparty) | 410,436,395 | 6.02\% |
|  | Equity-Domestic | Equity | 930,387,187 | 13.65\% |
|  | MBS - Private (CMO) | BBB | 5,866,804 | 0.09\% |
|  |  | BB | 13,545,854 | 0.20\% |
|  |  | B | 150,317,356 | 2.21\% |
|  |  | CCC-C | 669,892,414 | 9.83\% |
|  |  | D | 39,966,268 | 0.59\% |
|  |  | Unkn Rtg (Triparty) | 17,302,419 | 0.25\% |
|  | Muni | AAA | 11,302,960 | 0.17\% |
|  |  | AA | 8,493,789 | 0.12\% |
|  |  | A | 9,985,856 | 0.15\% |
|  |  | BB | 7,490,000 | 0.11\% |
|  |  | CCC-C | 4,750,000 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 408,635,689 | 6.00\% |
|  | Mutual Fund | AAA | 2,344,575,000 | 34.40\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 97,150,000 | 1.43\% |
|  | Treasury | Treasury | 15,985 | 0.00\% |
|  | Dealer Total |  | 6,815,744,953 | 100.00\% |
| Citigroup | ABS | AAA | 8,855,992 | 0.07\% |
|  |  | A | 7,001,664 | 0.05\% |
|  |  | BBB | 159,773,139 | 1.23\% |
|  |  | BB | 100,007,089 | 0.77\% |
|  |  | B | 352,819,597 | 2.72\% |
|  |  | CCC-C | 218,133,490 | 1.68\% |
|  |  | D | Page 10 of 18 , 810,091 | 0.25\% |
|  |  | Unkn Rtg (Triparty) | 248,300,426 | 1.91\% |
|  | Agency Debt | Agency | 319,129,958 | 2.46\% |
|  | CDs-CP-BAs | A-1 | 675,204,397 | 5.20\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | BBB | 546,310,347 | 4.21\% |
|  |  | BB | 235,177,310 | 1.81\% |
|  |  | B | 290,445,459 | 2.24\% |
|  |  | CCC-C | 98,340,704 | 0.76\% |
|  |  | D | 24,464,631 | 0.19\% |
|  |  | Unkn Rtg (Triparty) | 1,053,139,146 | 8.11\% |
|  | Convertible Bonds-Foreign | A | 41,210,071 | 0.32\% |
|  |  | BB | 7,917,053 | 0.06\% |
|  |  | B | 50,575,978 | 0.39\% |
|  |  | Unkn Rtg (Triparty) | 399,580,473 | 3.08\% |
|  | Corporates-Domestic | A | 16,317,774 | 0.13\% |
|  |  | BBB | 6,358,093 | 0.05\% |
|  |  | BB | 268,957,185 | 2.07\% |
|  |  | B | 136,673,270 | 1.05\% |
|  |  | CCC-C | 365,734,265 | 2.82\% |
|  |  | D | 14,502,702 | 0.11\% |
|  |  | Unkn Rtg (Triparty) | 492,787,161 | 3.80\% |
|  | Corporates-Foreign | A | 7,729,626 | 0.06\% |
|  |  | B | 1,199,784 | 0.01\% |
|  |  | CCC-C | 1,737,063 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 96,425,379 | 0.74\% |
|  | Equity-Domestic | Equity | 1,574,965,248 | 12.13\% |
|  | Equity-Foreign | Equity | 408,036,752 | 3.14\% |
|  | MBS - Private (CMO) | AAA | 132,149,831 | 1.02\% |
|  |  | AA | 2,566,134 | 0.02\% |
|  |  | A | 32,919,863 | 0.25\% |
|  |  | BBB | 4,465,850 | 0.03\% |
|  |  | BB | 108,676,846 | 0.84\% |
|  |  | B | 321,438,803 | 2.48\% |
|  |  | CCC-C | 437,048,847 | 3.37\% |
|  |  | D | 4,011 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 72,789,466 | 0.56\% |
|  | Muni | AAA | 154,930,677 | 1.19\% |
|  |  | AA | 6,808,336 | 0.05\% |
|  |  | A | 133,159,848 | 1.03\% |
|  |  | BBB | 193,815,926 | 1.49\% |
|  |  | BB | 80,678,335 | 0.62\% |
|  |  | B | 83,285,941 | 0.64\% |
|  |  | CCC-C | 182,917,680 | 1.41\% |
|  |  | D | 15,847,717 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 168,119,412 | 1.30\% |
|  | Mutual Fund | AAA | 1,846,475,000 | 14.23\% |
|  |  | Unkn Rtg (Triparty) | 490,669,933 | 3.78\% |
|  | Dealer Total |  | 12,978,912,985 | 100.00\% |

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## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF Collateral Report for April 2
William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for April 2:

- Total PDCF borrowing on Thursday was $\$ 18.40$ billion, a $\$ 0.10$ billion increase from Wednesday.
- Of the $\$ 7.0$ billion of collateral provided by Bank of America, $43.8 \%$ are investment grade securities, $28.6 \%$ are non-investment grade securities, $13.5 \%$ are equities, and $14.2 \%$ are securities with unknown ratings.
- Since the same time last week, the composition of collateral provided by Citigroup showed a shift away from certificates of deposit/commercial paper ( $4.3 \%$ to $0.9 \%$ ) and asset backed securities ( $9.0 \%$ to $8.0 \%$ ). Collateral shifted towards a variety of asset classes, most notably convertible debt ( $21.7 \%$ to $24.0 \%$ ) and municipal debt ( $8.0 \%$ to $9.6 \%$ ).
- Total PDCF collateral consists primarily of mutual funds (24.0\%), convertible debt (18.7\%), equities (15.5\%), and corporate bonds (10.9\%).

Regards,
Luke

Luke Fitzpatrick
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PDCF Charts and Tables - 20090402.doc

# Primary Dealer Credit Facility Collateral Report 

For Thursday, April 02, 2009

## Highlights

- Total PDCF borrowing on Thursday was $\$ 18.40$ billion, a $\$ 0.10$ billion increase from Wednesday.
- Of the $\$ 7.0$ billion of collateral provided by Bank of America, $43.8 \%$ are investment grade securities, $28.6 \%$ are noninvestment grade securities, $13.5 \%$ are equities, and $14.2 \%$ are securities with unknown ratings.
- Since the same time last week, the composition of collateral provided by Citigroup showed a shift away from certificates of deposit/commercial paper ( $4.3 \%$ to $0.9 \%$ ) and asset backed securities ( $9.0 \%$ to $8.0 \%$ ). Collateral shifted towards a variety of asset classes, most notably convertible debt ( $21.7 \%$ to $24.0 \%$ ) and municipal debt ( $8.0 \%$ to $9.6 \%$ ).
- Total PDCF collateral consists primarily of mutual funds ( $24.0 \%$ ), convertible debt ( $18.7 \%$ ), equities ( $15.5 \%$ ), and corporate bonds ( $10.9 \%$ ).


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 4 / 0 2 / 2 0 0 9}$ | $\mathbf{0 4 / 0 1 / 2 0 0 9}$ | $\mathbf{0 3 / 3 1 / 2 0 0 9}$ | $\mathbf{0 3 / 3 0 / 2 0 0 9}$ | $\mathbf{0 3 / 2 7 / 2 0 0 9}$ |
| :--- | :---: | ---: | ---: | ---: | ---: |
| Bank of America | 6.40 | 6.30 | 6.30 | 7.10 | 7.10 |
| Citigroup | 12.00 | 12.00 | 11.82 | 12.10 | 12.10 |
| Merrill Lynch | - | - | - | - | 0.98 |
| Total Borrowings | $\mathbf{1 8 . 4 0}$ | $\mathbf{1 8 . 3 0}$ | $\mathbf{1 8 . 1 2}$ | $\mathbf{1 9 . 2 0}$ | $\mathbf{2 0 . 1 8}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{1 9 . 9}$ | $\mathbf{1 9 . 7 9}$ | $\mathbf{1 9 . 5 9}$ | $\mathbf{2 0 . 7 7}$ | $\mathbf{2 1 . 8 5}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 1 5 \%}$ | $\mathbf{8 . 1 4 \%}$ | $\mathbf{8 . 1 1 \%}$ | $\mathbf{8 . 1 8 \%}$ | $\mathbf{8 . 2 8 \%}$ |

## PDCF Borrowing Trend



Composition of Collateral Pledged for April 02 Borrowings - in millions

[^109]|  | Bank of America | Citigroup | Total |
| :--- | ---: | ---: | ---: |
| Treasury | 0.1 | 82.5 | 82.6 |
| Agency | 64.4 | 319.3 | 383.7 |
| AAA | $2,372.8$ | $2,040.4$ | $4,413.2$ |
| AA | 122.6 | 118.8 | 241.3 |
| A | 281.5 | 387.2 | 668.7 |
| BBB | 190.2 | 869.0 | $1,059.2$ |
| BB | 239.0 | 85.4 | $1,090.4$ |
| B | 364.1 | $1,239.8$ | $1,603.9$ |
| CCC-C | $1,053.9$ | $1,278.4$ | $2,332.3$ |
| D | 324.5 | 89.6 | 414.1 |
| A-1 | - | 6.0 | 6.0 |
| A-2 | - | 48.6 | 48.6 |
| A-3 | - | 0.3 | 0.3 |
| NP | - | - | - |
| Equity | 934.2 | $2,144.8$ | $3,078.9$ |
| Unkn Rtg (Triparty) | 983.9 | $3,488.8$ | $4,472.7$ |
| Unkn Rtg (non-Triparty) | - | - | - |
| Total Collateral | $\mathbf{6 , 9 3 1 . 0}$ | $\mathbf{1 2 , 9 6 4 . 8}$ | $\mathbf{1 9 , 8 9 5 . 8}$ |
| Total Borrowings | $\mathbf{6 , 4 0 0 . 0}$ | $\mathbf{1 2 , 0 0 0 . 0}$ | $\mathbf{1 8 , 4 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 3 0 \%}$ | $\mathbf{8 . 0 4 \%}$ | $\mathbf{8 . 1 3 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating



Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $82,604,925$ | $0.42 \%$ |
| Agency | $383,676,641$ | $1.93 \%$ |
| AAA | $4,413,155,872$ | $22.18 \%$ |
| AA | $241,301,626$ | $1.21 \%$ |
| A | $668,723,148$ | $3.36 \%$ |
| BBB | $1,059,222,991$ | $5.32 \%$ |
| BB | $1,090,432,514$ | $5.48 \%$ |
| B | $1,603,865,793$ | $8.06 \%$ |
| CCC-C | $2,332,302,362$ | $11.72 \%$ |
| D | $414,054,109$ | $2.08 \%$ |
| A-1 | $5,970,000$ | $0.03 \%$ |
| A-2 | $3,554,518$ | $0.24 \%$ |
| A-3 | $3,078,915,674$ | $0.00 \%$ |
| Equity | $4,472,700,676$ | $15.48 \%$ |
| Unkn Rtg (Triparty) | $22.48 \%$ |  |
| Total | $19,895,806,515$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $1,963,800,093$ | $9.87 \%$ |
| Agency Debt | $383,637,949$ | $1.93 \%$ |
| CDs-CP-BAs | $116,439,697$ | $0.59 \%$ |
| CMBS | $68,720,196$ | $0.35 \%$ |
| Convertible Bonds-Domestic | $3,291,321,330$ | $16.54 \%$ |
| Convertible Bonds-Foreign | $427,632,140$ | $2.15 \%$ |
| Corporates-Domestic | $2,106,755,930$ | $10.59 \%$ |
| Corporates-Foreign | $52,666,693$ | $0.26 \%$ |
| Equity-Domestic | $2,730,808,566$ | $13.73 \%$ |
| Equity-Foreign | $348,107,100$ | $1.75 \%$ |
| MBS - Agency - CMO | 38,692 | $0.00 \%$ |
| MBS - Private (CMO) | $2,018,595,690$ | $10.15 \%$ |
| Muni | $1,543,661,429$ | $7.76 \%$ |
| Mutual Fund | $4,761,016,084$ | $23.93 \%$ |
| Treasury | $82,604,925$ | $0.42 \%$ |
| Total | $19,895,806,515$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 37,244,109 | 0.54\% |
|  |  | A | 18,769,597 | 0.27\% |
|  |  | BBB | 39,896,614 | 0.58\% |
|  |  | BB | 107,557,565 | 1.55\% |
|  |  | B | 135,335,925 | 1.95\% |
|  |  | CCC-C | 377,913,205 | 5.45\% |
|  |  | D | 63,770,687 | 0.92\% |
|  |  | Unkn Rtg (Triparty) | 155,516,545 | 2.24\% |
|  | Agency Debt | Agency | 64,313,775 | 0.93\% |
|  | Convertible Bonds-Domestic | A | 180,492,996 | 2.60\% |
|  |  | BBB | 147,995,218 | 2.14\% |
|  |  | BB | 87,609,405 | 1.26\% |
|  |  | B | 21,488,552 | 0.31\% |
|  |  | CCC-C | 102,440 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 181,158,651 | 2.61\% |
|  | Corporates-Domestic | BB | 30,227,567 | 0.44\% |
|  |  | CCC-C | 12,962,991 | 0.19\% |
|  |  | D | 220,818,566 | 3.19\% |
|  |  | Unkn Rtg (Triparty) | 428,918,355 | 6.19\% |
|  | Equity-Domestic | Equity | 934,159,933 | 13.48\% |
|  | MBS - Agency - CMO | Agency | 38,692 | 0.00\% |
|  | MBS - Private (CMO) | BBB | 50,163 | 0.00\% |
|  |  | BB | 13,480,288 | 0.19\% |
|  |  | B | 207,227,433 | 2.99\% |
|  |  | CCC-C | 662,882,416 | 9.56\% |
|  |  | D | 39,879,127 | 0.58\% |
|  |  | Unkn Rtg (Triparty) | 17,321,262 | 0.25\% |
|  | Muni | AAA | 43,405,117 | 0.63\% |
|  |  | AA | 84,807,458 | 1.22\% |
|  |  | A | 82,251,087 | 1.19\% |
|  |  | BBB | 2,267,149 | 0.03\% |
|  |  | BB | 128,547 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 86,993,144 | 1.26\% |
|  | Mutual Fund | AAA | 2,329,375,000 | 33.61\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 114,025,000 | 1.65\% |
|  | Treasury | Treasury | 102,601 | 0.00\% |
|  | Dealer Total |  | 6,930,987,178 | 100.00\% |
| Citigroup | ABS | AAA | 9,480,465 | 0.07\% |
|  |  | AA | 60,054,715 | 0.46\% |
|  |  | A | 6,978,907 | 0.05\% |
|  |  | BBB | 11,191,000 | 0.09\% |
|  |  | BB | Page 10 motobeb3,592 | 0.77\% |
|  |  | B | 352,914,091 | 2.72\% |
|  |  | CCC-C | 205,765,912 | 1.59\% |
|  |  | D | 32,934,272 | 0.25\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | CDs-CP-BAs (con't) | Unkn Rtg (Triparty) | 61,589,505 | 0.48\% |
|  | CMBS | Unkn Rtg (Triparty) | 68,720,196 | 0.53\% |
|  | Convertible Bonds-Domestic | AA | 29,253,727 | 0.23\% |
|  |  | A | 99,217,466 | 0.77\% |
|  |  | BBB | 564,484,954 | 4.35\% |
|  |  | BB | 258,439,780 | 1.99\% |
|  |  | B | 297,061,367 | 2.29\% |
|  |  | CCC-C | 102,646,672 | 0.79\% |
|  |  | D | 28,111,444 | 0.22\% |
|  |  | Unkn Rtg (Triparty) | 1,293,258,659 | 9.98\% |
|  | Convertible Bonds-Foreign | A | 36,912,159 | 0.28\% |
|  |  | BB | 7,941,923 | 0.06\% |
|  |  | B | 50,122,728 | 0.39\% |
|  |  | Unkn Rtg (Triparty) | 332,655,330 | 2.57\% |
|  | Corporates-Domestic | AA | 25,143 | 0.00\% |
|  |  | A | 68,005,976 | 0.52\% |
|  |  | BB | 268,799,869 | 2.07\% |
|  |  | B | 137,046,384 | 1.06\% |
|  |  | CCC-C | 355,958,393 | 2.75\% |
|  |  | D | 12,682,965 | 0.10\% |
|  |  | Unkn Rtg (Triparty) | 571,309,721 | 4.41\% |
|  | Corporates-Foreign | A | 7,702,605 | 0.06\% |
|  |  | B | 1,195,647 | 0.01\% |
|  |  | CCC-C | 1,730,721 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 42,037,721 | 0.32\% |
|  | Equity-Domestic | Equity | 1,796,648,633 | 13.86\% |
|  | Equity-Foreign | Equity | 348,107,100 | 2.69\% |
|  | MBS - Private (CMO) | AAA | 43,248,863 | 0.33\% |
|  |  | AA | 2,575,439 | 0.02\% |
|  |  | A | 32,443,527 | 0.25\% |
|  |  | BBB | 69,419,069 | 0.54\% |
|  |  | BB | 109,581,103 | 0.85\% |
|  |  | B | 318,150,929 | 2.45\% |
|  |  | CCC-C | 430,146,381 | 3.32\% |
|  |  | D | 4,179 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 72,185,510 | 0.56\% |
|  | Muni | AAA | 161,271,427 | 1.24\% |
|  |  | AA | 26,841,036 | 0.21\% |
|  |  | A | 135,948,830 | 1.05\% |
|  |  | BBB | 223,918,825 | 1.73\% |
|  |  | BB | 106,582,874 | 0.82\% |
|  |  | B | 83,322,738 | 0.64\% |
|  |  | CCC-C | 182,193,232 | 1.41\% |
|  |  | D | 15,852,868 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | Page 307,8771099 | 2.37\% |
|  | Mutual Fund | AAA | 1,826,375,000 | 14.09\% |
|  |  | Unkn Rtg (Triparty) | 490,741,084 | 3.79\% |
|  | Treasury | Treasury | 82,502,325 | 0.64\% |

## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF Collateral Report for April 3
William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan 04/06/2009 10:57 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for April 3:

- Total PDCF borrowing on Friday was $\$ 18.30$ billion, a $\$ 0.10$ billion decline from Thursday.
- Of the $\$ 13.0$ billion of collateral provided by Citigroup, $22.9 \%$ is convertible debt, $17 \%$ are equities, and $15.8 \%$ are mutual funds. As compared to Thursday, this represents shift away from convertible debt ( $24 \%$ to $22.9 \%$ ) and mutual funds ( $17.9 \%$ to $15.8 \%$ ). In response to these changes, collateral shifted towards certificates of deposits/commercial paper ( $0.9 \%$ to $5.7 \%$ ).
- Of the $\$ 19.79$ billion of collateral provided by all participants, $35.2 \%$ are investment grade securities, $27.6 \%$ are non-investment grade securities, $15.8 \%$ are equities, and $21.4 \%$ are securities with unknown ratings.

Regards,
Luke
Luke Fitzpatrick
Markets Group
Federal Reserve Bank of New York
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PDCF Charts and Tables - 20090403.doc

# Primary Dealer Credit Facility Collateral Report 

For Friday, April 03, 2009

## Highlights

- Total PDCF borrowing on Friday was $\$ 18.30$ billion, a $\$ 0.10$ billion decline from Thursday.
- Of the $\$ 13.0$ billion of collateral provided by Citigroup, $22.9 \%$ is convertible debt, $17 \%$ are equities, and $15.8 \%$ are mutual funds. As compared to Thursday, this represents shift away from convertible debt ( $24 \%$ to $22.9 \%$ ) and mutual funds ( $17.9 \%$ to $15.8 \%)$. In response to these changes, collateral shifted towards certificates of deposits/commercial paper ( $0.9 \%$ to $5.7 \%$ ).
- Of the $\$ 19.79$ billion of collateral provided by all participants, $35.2 \%$ are investment grade securities, $27.6 \%$ are noninvestment grade securities, $15.8 \%$ are equities, and $21.4 \%$ are securities with unknown ratings.

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 4 / 0 3 / 2 0 0 9}$ | $\mathbf{0 4 / 0 2 / 2 0 0 9}$ | $\mathbf{0 4 / 0 1 / 2 0 0 9}$ | $\mathbf{0 3 / 3 1 / 2 0 0 9}$ | $\mathbf{0 3 / 3 0 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 6.30 | 6.40 | 6.30 | 6.30 | 7.10 |
| Citigroup | 12.00 | 12.00 | 12.00 | 11.82 | 12.10 |
| Total Borrowings | $\mathbf{1 8 . 3 0}$ | $\mathbf{1 8 . 4 0}$ | $\mathbf{1 8 . 3 0}$ | $\mathbf{1 8 . 1 2}$ | $\mathbf{1 9 . 2 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{1 9 . 7 9}$ | $\mathbf{1 9 . 9}$ | $\mathbf{1 9 . 7 9}$ | $\mathbf{1 9 . 5 9}$ | $\mathbf{2 0 . 7 7}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 1 4 \%}$ | $\mathbf{8 . 1 5 \%}$ | $\mathbf{8 . 1 4 \%}$ | $\mathbf{8 . 1 1 \%}$ | $\mathbf{8 . 1 8 \%}$ |

## PDCF Borrowing Trend



Composition of Collateral Pledged for April 03 Borrowings - in millions

[^110]| Rating $^{1}$ | Bank of America | Citigroup | Total |
| :--- | ---: | ---: | ---: |
| Treasury | - | - | - |
| Agency | 7.0 | 319.3 | 326.3 |
| AAA | $2,367.6$ | $1,868.9$ | $4,236.5$ |
| AA | 37.8 | 61.8 | 99.5 |
| A | 198.4 | 331.7 | 530.1 |
| BBB | 209.2 | 830.4 | $1,039.6$ |
| BB | 254.9 | 827.9 | $1,082.9$ |
| B | 342.5 | $1,223.1$ | $1,565.6$ |
| CCC-C | $1,008.8$ | $1,379.8$ | $2,388.6$ |
| D | 324.8 | 105.9 | 430.7 |
| A-1 | - | 666.0 | 666.0 |
| A-2 | - | 68.9 | 68.9 |
| A-3 | - | - | - |
| NP | - | - | - |
| Equity | 933.9 | $2,195.7$ | $3,129.6$ |
| Unkn Rtg (Triparty) | $\mathbf{1 , 1 3 1 . 9}$ | $3,096.9$ | $4,228.7$ |
| Unkn Rtg (non-Triparty) | - | - | - |
| Total Collateral | $\mathbf{6 , 8 1 6 . 8}$ | $\mathbf{1 2 , 9 7 6 . 3}$ | $\mathbf{1 9 , 7 9 3 . 1}$ |
| Total Borrowings | $\mathbf{6 , 3 0 0 . 0}$ | $\mathbf{1 2 , 0 0 0 . 0}$ | $\mathbf{1 8 , 3 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 2 0 \%}$ | $\mathbf{8 . 1 4 \%}$ | $\mathbf{8 . 1 6 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating



Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 15,986 | $0.00 \%$ |
| Agency | $326,341,759$ | $1.65 \%$ |
| AAA | $4,236,481,686$ | $21.40 \%$ |
| AA | $99,531,073$ | $0.50 \%$ |
| A | $530,132,815$ | $2.68 \%$ |
| BBB | $1,039,619,179$ | $5.25 \%$ |
| BB | $1,082,851,261$ | $5.47 \%$ |
| B | $1,565,610,121$ | $7.91 \%$ |
| CCC-C | $4388,597,955$ | $12.07 \%$ |
| D | $665,989,147$ | $2.18 \%$ |
| A-1 | $68,908,134$ | $3.36 \%$ |
| A-2 | $3,129,583,993$ | $0.35 \%$ |
| Equity | $4,228,729,998$ | $21.36 \%$ |
| Unkn Rtg (Triparty) | $19,793,081,892$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $1,871,110,403$ | $9.45 \%$ |
| Agency Debt | $326,303,052$ | $1.65 \%$ |
| CDs-CP-BAs | $734,895,921$ | $3.71 \%$ |
| CMBS | $69,457,544$ | $0.35 \%$ |
| Convertible Bonds-Domestic | $3,372,999,944$ | $17.04 \%$ |
| Convertible Bonds-Foreign | $421,026,227$ | $2.13 \%$ |
| Corporates-Domestic | $1,897,937,576$ | $9.59 \%$ |
| Corporates-Foreign | $119,680,969$ | $0.60 \%$ |
| Equity-Domestic | $2,755,715,461$ | $13.92 \%$ |
| Equity-Foreign | $373,868,532$ | $1.89 \%$ |
| MBS - Agency -CMO | 38,706 | $0.00 \%$ |
| MBS - Private (CMO) | $2,069,194,795$ | $10.45 \%$ |
| Muni | $1,287,556,176$ | $6.51 \%$ |
| Mutual Fund | $4,493,280,600$ | $22.70 \%$ |
| Treasury | 15,986 | $0.00 \%$ |
| Total | $19,793,081,892$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 37,261,422 | 0.55\% |
|  |  | A | 17,852,507 | 0.26\% |
|  |  | BBB | 1,593,949 | 0.02\% |
|  |  | BB | 122,086,502 | 1.79\% |
|  |  | B | 153,371,086 | 2.25\% |
|  |  | CCC-C | 359,148,457 | 5.27\% |
|  |  | D | 63,810,696 | 0.94\% |
|  |  | Unkn Rtg (Triparty) | 89,884,983 | 1.32\% |
|  | Agency Debt | Agency | 6,983,118 | 0.10\% |
|  | Convertible Bonds-Domestic | A | 180,551,046 | 2.65\% |
|  |  | BBB | 161,363,061 | 2.37\% |
|  |  | BB | 89,218,866 | 1.31\% |
|  |  | B | 21,634,506 | 0.32\% |
|  |  | CCC-C | 103,060 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 374,165,089 | 5.49\% |
|  | Corporates-Domestic | BB | 30,091,013 | 0.44\% |
|  |  | CCC-C | 13,148,503 | 0.19\% |
|  |  | D | 221,090,184 | 3.24\% |
|  |  | Unkn Rtg (Triparty) | 410,884,249 | 6.03\% |
|  | Equity-Domestic | Equity | 933,860,955 | 13.70\% |
|  | MBS - Agency - CMO | Agency | 38,706 | 0.00\% |
|  | MBS - Private (CMO) | BBB | 50,132 | 0.00\% |
|  |  | BB | 13,509,770 | 0.20\% |
|  |  | B | 167,536,301 | 2.46\% |
|  |  | CCC-C | 636,433,796 | 9.34\% |
|  |  | D | 39,899,567 | 0.59\% |
|  |  | Unkn Rtg (Triparty) | 17,003,478 | 0.25\% |
|  | Muni | AAA | 34,311,688 | 0.50\% |
|  |  | BBB | 46,187,704 | 0.68\% |
|  |  | BB | 28,858 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 125,908,837 | 1.85\% |
|  | Mutual Fund | AAA | 2,333,250,000 | 34.23\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 114,025,000 | 1.67\% |
|  | Treasury | Treasury | 15,986 | 0.00\% |
|  | Dealer Total |  | 6,816,803,076 | 100.00\% |
| Citigroup | ABS | AAA | 18,911,825 | 0.15\% |
|  |  | A | 11,136,081 | 0.09\% |
|  |  | BBB | 40,276,867 | 0.31\% |
|  |  | BB | 98,999,638 | 0.76\% |
|  |  | B | 369,136,896 | 2.84\% |
|  |  | CCC-C | 206,167,479 | 1.59\% |
|  |  | D | Page 10 083,025,454 | 0.25\% |
|  |  | Unkn Rtg (Triparty) | 248,446,562 | 1.91\% |
|  | Agency Debt | Agency | 319,319,934 | 2.46\% |
|  | CDs-CP-BAs | A-1 | 665,987,784 | 5.13\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | BB | 239,981,182 | 1.85\% |
|  |  | B | 265,054,727 | 2.04\% |
|  |  | CCC-C | 94,253,115 | 0.73\% |
|  |  | D | 45,200,378 | 0.35\% |
|  |  | Unkn Rtg (Triparty) | 1,232,972,679 | 9.50\% |
|  | Convertible Bonds-Foreign | A | 37,290,451 | 0.29\% |
|  |  | BB | 8,570,780 | 0.07\% |
|  |  | B | 51,093,280 | 0.39\% |
|  |  | Unkn Rtg (Triparty) | 324,071,716 | 2.50\% |
|  | Corporates-Domestic | A | 19,995,173 | 0.15\% |
|  |  | BBB | 6,358,093 | 0.05\% |
|  |  | BB | 263,834,157 | 2.03\% |
|  |  | B | 136,997,747 | 1.06\% |
|  |  | CCC-C | 370,442,081 | 2.85\% |
|  |  | D | 11,921,715 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 413,174,661 | 3.18\% |
|  | Corporates-Foreign | A | 7,828,491 | 0.06\% |
|  |  | B | 1,215,245 | 0.01\% |
|  |  | CCC-C | 1,758,732 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 108,878,501 | 0.84\% |
|  | Equity-Domestic | Equity | 1,821,854,506 | 14.04\% |
|  | Equity-Foreign | Equity | 373,868,532 | 2.88\% |
|  | MBS - Private (CMO) | AAA | 131,869,286 | 1.02\% |
|  |  | AA | 2,640,007 | 0.02\% |
|  |  | A | 32,532,285 | 0.25\% |
|  |  | BBB | 4,152,808 | 0.03\% |
|  |  | BB | 109,927,152 | 0.85\% |
|  |  | B | 316,220,471 | 2.44\% |
|  |  | CCC-C | 525,461,320 | 4.05\% |
|  |  | D | 4,348 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 71,954,073 | 0.55\% |
|  | Muni | AAA | 165,163,888 | 1.27\% |
|  |  | AA | 28,830,044 | 0.22\% |
|  |  | A | 137,425,526 | 1.06\% |
|  |  | BBB | 226,955,185 | 1.75\% |
|  |  | BB | 106,603,343 | 0.82\% |
|  |  | B | 83,349,863 | 0.64\% |
|  |  | CCC-C | 181,681,413 | 1.40\% |
|  |  | D | 15,737,805 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 135,372,024 | 1.04\% |
|  | Mutual Fund | AAA | 1,552,975,000 | 11.97\% |
|  |  | Unkn Rtg (Triparty) | 492,530,600 | 3.80\% |
|  | Dealer Total |  | 12,976,278,817 | 100.00\% |

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## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF Collateral Report for April 6 

William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan 04/07/2009 10:55 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for April 6:

- Total PDCF borrowing on Monday was $\$ 18.30$ billion, unchanged from Friday.
- Citigroup is currently providing $\$ 13.0$ billion of collateral consisting primarily of convertible debt (20.0\%), mutual funds (17.9\%), and equities (17.2\%). Although Citigroup's collateral amount remained unaltered, its composition noticeably changed between Friday and Monday. A decrease in convertible debt collateral ( $22.9 \%$ to $20.0 \%$ ) and certificates of deposit/commercial paper collateral ( $5.7 \%$ to $3.2 \%$ ) was balanced by an increase in mutual fund collateral ( $15.8 \%$ to $17.9 \%$ ) and municipal bond collateral (8.3\% to 12.0\%).
- Of the $\$ 19.80$ billion of collateral provided by all participants, $37.0 \%$ are investment grade securities, $26.9 \%$ are non-investment grade securities, $16.0 \%$ are equities, and $20.9 \%$ are securities with unknown ratings.

Regards,
Luke

Luke Fitzpatrick
Markets Group
Federal Reserve Bank of New York
Direct: (212) 720-2452


PDCF Charts and Tables - 20090406.doc

# Primary Dealer Credit Facility Collateral Report 

For Monday, April 06, 2009

## Highlights

- Total PDCF borrowing on Monday was $\$ 18.30$ billion, unchanged from Friday.
- Citigroup is currently providing $\$ 13.0$ billion of collateral consisting primarily of convertible debt ( $20.0 \%$ ), mutual funds ( $17.9 \%$ ), and equities ( $17.2 \%$ ). Although Citigroup's collateral amount remained unaltered, its composition noticeably changed between Friday and Monday. A decrease in convertible debt collateral ( $22.9 \%$ to $20.0 \%$ ) and certificates of deposit/commercial paper collateral ( $5.7 \%$ to $3.2 \%$ ) was balanced by an increase in mutual fund collateral ( $15.8 \%$ to $17.9 \%$ ) and municipal bond collateral ( $8.3 \%$ to $12.0 \%$ ).
- Of the $\$ 19.80$ billion of collateral provided by all participants, $37.0 \%$ are investment grade securities, $26.9 \%$ are noninvestment grade securities, $16.0 \%$ are equities, and $20.9 \%$ are securities with unknown ratings.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 4 / 0 6 / 2 0 0 9}$ | $\mathbf{0 4 / 0 3 / 2 0 0 9}$ | $\mathbf{0 4 / 0 2 / 2 0 0 9}$ | $\mathbf{0 4 / 0 1 / 2 0 0 9}$ | $\mathbf{0 3 / 3 1 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 6.30 | 6.30 | 6.40 | 6.30 | 6.30 |
| Citigroup | 12.00 | 12.00 | 12.00 | 12.00 | 11.82 |
| Total Borrowings | $\mathbf{1 8 . 3 0}$ | $\mathbf{1 8 . 3 0}$ | $\mathbf{1 8 . 4 0}$ | $\mathbf{1 8 . 3 0}$ | $\mathbf{1 8 . 1 2}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{1 9 . 8}$ | $\mathbf{1 9 . 7 9}$ | $\mathbf{1 9 . 9}$ | $\mathbf{1 9 . 7 9}$ | $\mathbf{1 9 . 5 9}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 2 0 \%}$ | $\mathbf{8 . 1 4 \%}$ | $\mathbf{8 . 1 5 \%}$ | $\mathbf{8 . 1 4 \%}$ | $\mathbf{8 . 1 1 \%}$ |

## PDCF Borrowing Trend



Composition of Collateral Pledged for April 06 Borrowings - in millions

[^111]|  | Rating ${ }^{1}$ | Bank of America | Citigroup |
| :--- | ---: | ---: | ---: |
| Total |  |  |  |
| Treasury | 0.1 | - | 0.1 |
| Agency | 63.2 | 319.1 | 382.3 |
| AAA | $2,339.6$ | $2,235.3$ | $4,574.8$ |
| AA | 37.7 | 229.8 | 267.5 |
| A | 198.7 | 448.3 | 646.9 |
| BBB | 177.7 | 867.8 | $1,045.4$ |
| BB | 251.6 | 735.3 | 986.9 |
| B | 342.4 | $1,113.2$ | $1,455.5$ |
| CCC-C | $1,030.5$ | $1,286.6$ | $2,317.1$ |
| D | 321.0 | 103.0 | 424.0 |
| A-1 | - | 365.5 | 365.5 |
| A-2 | - | 42.7 | 42.7 |
| A-3 | - | - | - |
| NP | - | - | - |
| Equity | 934.7 | $2,230.0$ | $3,164.8$ |
| Unkn Rtg (Triparty) | $1,124.0$ | $3,004.1$ | $4,128.2$ |
| Unkn Rtg (non-Triparty) | - | - | - |
| Total Collateral | $\mathbf{6 , 8 2 1 . 2}$ | $\mathbf{1 2 , 9 8 0 . 6}$ | $\mathbf{1 9 , 8 0 1 . 8}$ |
| Total Borrowings | $\mathbf{6 , 3 0 0 . 0}$ | $\mathbf{1 2 , 0 0 0 . 0}$ | $\mathbf{1 8 , 3 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 2 7 \%}$ | $\mathbf{8 . 1 7 \%}$ | $\mathbf{8 . 2 1 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating



Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 105,581 | $0.00 \%$ |
| Agency | $382,303,677$ | $1.93 \%$ |
| AAA | $4,574,840,181$ | $23.10 \%$ |
| AA | $267,518,339$ | $1.35 \%$ |
| A | $646,933,302$ | $3.27 \%$ |
| BBB | $1,045,436,152$ | $5.28 \%$ |
| BB | $986,915,567$ | $4.98 \%$ |
| B | $2,355,514,192$ | $7.35 \%$ |
| CCC-C | $424,012,608$ | $11.70 \%$ |
| D | $365,473,017$ | $2.14 \%$ |
| A-1 | $42,714,700$ | $0.25 \%$ |
| A-2 | $3,164,767,055$ | $15.98 \%$ |
| Equity | $4,128,182,008$ | $20.85 \%$ |
| Unkn Rtg (Triparty) | $19,801,805,792$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $1,987,453,257$ | $10.04 \%$ |
| Agency Debt | $382,265,088$ | $1.93 \%$ |
| CDs-CP-BAs | $408,187,717$ | $2.06 \%$ |
| CMBS | $66,025,752$ | $0.33 \%$ |
| Convertible Bonds-Domestic | $2,869,329,081$ | $14.49 \%$ |
| Convertible Bonds-Foreign | $552,926,480$ | $2.79 \%$ |
| Corporates-Domestic | $1,824,188,716$ | $9.21 \%$ |
| Corporates-Foreign | $62,002,706$ | $0.31 \%$ |
| Equity-Domestic | $2,747,885,399$ | $13.88 \%$ |
| Equity-Foreign | $416,881,656$ | $2.11 \%$ |
| FDCB | 623,341 | $0.00 \%$ |
| FDMN | 341,226 | $0.00 \%$ |
| Foreign Sovereigns-Domestic | 31,264 | $0.00 \%$ |
| Foreign Sovereigns-Foreign | 311,670 | $0.00 \%$ |
| MBS - Agency -CMO | 38,589 | $0.00 \%$ |
| MBS - Private $(C M O)$ | $2,103,398,714$ | $10.62 \%$ |
| Muni | $1,609,690,249$ | $8.13 \%$ |
| Mutual Fund | $4,770,119,306$ | $24.09 \%$ |
| Treasury | 105,581 | $0.00 \%$ |
| Total | $19,801,805,792$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 37,249,897 | 0.55\% |
|  |  | A | 17,853,184 | 0.26\% |
|  |  | BBB | 1,594,379 | 0.02\% |
|  |  | BB | 122,061,926 | 1.79\% |
|  |  | B | 153,946,010 | 2.26\% |
|  |  | CCC-C | 359,780,781 | 5.27\% |
|  |  | D | 62,929,165 | 0.92\% |
|  |  | Unkn Rtg (Triparty) | 155,458,556 | 2.28\% |
|  | Agency Debt | Agency | 63,185,512 | 0.93\% |
|  | Convertible Bonds-Domestic | A | 179,191,908 | 2.63\% |
|  |  | BBB | 176,033,625 | 2.58\% |
|  |  | BB | 86,026,398 | 1.26\% |
|  |  | B | 18,882,803 | 0.28\% |
|  |  | CCC-C | 103,000 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 375,226,672 | 5.50\% |
|  | Corporates-Domestic | BB | 29,877,906 | 0.44\% |
|  |  | CCC-C | 13,201,094 | 0.19\% |
|  |  | D | 220,410,147 | 3.23\% |
|  |  | Unkn Rtg (Triparty) | 405,229,978 | 5.94\% |
|  | Equity-Domestic | Equity | 934,736,782 | 13.70\% |
|  | MBS - Agency - CMO | Agency | 38,589 | 0.00\% |
|  | MBS - Private (CMO) | BBB | 49,971 | 0.00\% |
|  |  | BB | 13,535,437 | 0.20\% |
|  |  | B | 169,532,353 | 2.49\% |
|  |  | CCC-C | 657,443,561 | 9.64\% |
|  |  | D | 37,624,970 | 0.55\% |
|  |  | Unkn Rtg (Triparty) | 16,936,377 | 0.25\% |
|  | Muni | A | 1,609,321 | 0.02\% |
|  |  | BB | 128,875 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 57,165,435 | 0.84\% |
|  | Mutual Fund | AAA | 2,339,550,000 | 34.30\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 114,025,000 | 1.67\% |
|  | Treasury | Treasury | 105,581 | 0.00\% |
|  | Dealer Total |  | 6,821,225,191 | 100.00\% |
| Citigroup | ABS | AAA | 8,900,818 | 0.07\% |
|  |  | A | 8,881,002 | 0.07\% |
|  |  | BBB | 101,666,174 | 0.78\% |
|  |  | BB | 87,194,403 | 0.67\% |
|  |  | B | 369,324,650 | 2.85\% |
|  |  | CCC-C | 218,821,619 | 1.69\% |
|  |  | D | 33,232,999 | 0.26\% |
|  |  | Unkn Rtg (Triparty) | Page 10 248,547,696 | 1.91\% |
|  | Agency Debt | Agency | 319,079,576 | 2.46\% |
|  | CDs-CP-BAs | A-1 | 365,473,017 | 2.82\% |
|  |  | A-2 | 42,714,700 | 0.33\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | B | 164,919,554 | 1.27\% |
|  |  | CCC-C | 23,279,456 | 0.18\% |
|  |  | D | 40,839,821 | 0.31\% |
|  |  | Unkn Rtg (Triparty) | 1,048,158,878 | 8.07\% |
|  | Convertible Bonds-Foreign | A | 36,673,377 | 0.28\% |
|  |  | BB | 8,858,457 | 0.07\% |
|  |  | B | 51,307,871 | 0.40\% |
|  |  | Unkn Rtg (Triparty) | 456,086,775 | 3.51\% |
|  | Corporates-Domestic | AA | 2,606,138 | 0.02\% |
|  |  | A | 29,798,137 | 0.23\% |
|  |  | BBB | 6,793,035 | 0.05\% |
|  |  | BB | 260,097,663 | 2.00\% |
|  |  | B | 122,117,397 | 0.94\% |
|  |  | CCC-C | 328,506,199 | 2.53\% |
|  |  | D | 13,096,112 | 0.10\% |
|  |  | Unkn Rtg (Triparty) | 392,454,910 | 3.02\% |
|  | Corporates-Foreign | AA | 37,559 | 0.00\% |
|  |  | A | 7,821,635 | 0.06\% |
|  |  | BB | 255,290 | 0.00\% |
|  |  | B | 1,317,645 | 0.01\% |
|  |  | CCC-C | 1,783,967 | 0.01\% |
|  |  | D | 121,280 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 50,665,332 | 0.39\% |
|  | Equity-Domestic | Equity | 1,813,148,618 | 13.97\% |
|  | Equity-Foreign | Equity | 416,881,656 | 3.21\% |
|  | FDCB | AAA | 623,341 | 0.00\% |
|  | FDMN | AAA | 341,226 | 0.00\% |
|  | Foreign Sovereigns-Domestic | BB | 30,037 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 1,227 | 0.00\% |
|  | Foreign Sovereigns-Foreign | AAA | 298,934 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 12,736 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 131,642,211 | 1.01\% |
|  |  | AA | 2,654,188 | 0.02\% |
|  |  | A | 33,366,566 | 0.26\% |
|  |  | BBB | 4,677,402 | 0.04\% |
|  |  | BB | 111,137,280 | 0.86\% |
|  |  | B | 320,780,542 | 2.47\% |
|  |  | CCC-C | 532,387,075 | 4.10\% |
|  |  | D | 4,853 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 71,625,928 | 0.55\% |
|  | Muni | AAA | 272,758,651 | 2.10\% |
|  |  | AA | 193,928,967 | 1.49\% |
|  |  | A | 243,666,049 | 1.88\% |
|  |  | BBB | 272,709,980 | 2.10\% |
|  |  | BB Pag | of 1141,570,230 | 0.86\% |
|  |  | B | 83,385,366 | 0.64\% |
|  |  | CCC-C | 181,782,664 | 1.40\% |
|  |  | D | 15,753,260 | 0.12\% |

## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF Collateral Report for April 7 

William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan 04/08/2009 11:36 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for April 7:

- Total PDCF borrowing on Tuesday was $\$ 18.20$ billion, a $\$ 0.10$ billion decline from Monday.
- Citigroup remains the largest participant in the program and its borrowing has remained constant at $\$ 12.0$ billion over the past five days. $\$ 2.5$ billion of Citigroup's total borrowing is through its London broker/dealer. Of the $\$ 13.0$ billion of collateral provided by Citigroup, $34.4 \%$ are investment grade securities, $24.3 \%$ are non-investment grade securities, $17.3 \%$ are equities, and $24.0 \%$ are securities of unknown ratings. $8.0 \%$ of total collateral provided by Citigroup is foreign denominated.
- Of the $\$ 6.7$ billion of collateral provided by Bank of America, $36.8 \%$ are mutual funds, $14.0 \%$ are equities, $13.5 \%$ are asset backed securities, and $12.3 \%$ are convertible bonds. Of this $\$ 6.7$ billion of collateral provided by Bank of America, $42.0 \%$ are investment grade securities, $28.6 \%$ are non-investment grade securities, $14.0 \%$ are equities, and $15.6 \%$ are securities of unknown ratings.

Regards,
Luke

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PDCF Charts and Tables - 20090407.doc

# Primary Dealer Credit Facility Collateral Report 

For Tuesday, April 07, 2009

## Highlights

- Total PDCF borrowing on Tuesday was $\$ 18.20$ billion, a $\$ 0.10$ billion decline from Monday.
- Citigroup remains the largest participant in the program and its borrowing has remained constant at $\$ 12.0$ billion over the past five days. $\$ 2.5$ billion of Citigroup's total borrowing is through its London broker/dealer. Of the $\$ 13.0$ billion of collateral provided by Citigroup, $34.4 \%$ are investment grade securities, $24.3 \%$ are non-investment grade securities, $17.3 \%$ are equities, and $24.0 \%$ are securities of unknown ratings. $8.0 \%$ of total collateral provided by Citigroup is foreign denominated.
- Of the $\$ 6.7$ billion of collateral provided by Bank of America, $36.8 \%$ are mutual funds, $14.0 \%$ are equities, $13.5 \%$ are asset backed securities, and $12.3 \%$ are convertible bonds. Of this $\$ 6.7$ billion of collateral provided by Bank of America, $42.0 \%$ are investment grade securities, $28.6 \%$ are non-investment grade securities, $14.0 \%$ are equities, and $15.6 \%$ are securities of unknown ratings.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 4 / 0 7 / 2 0 0 9}$ | $\mathbf{0 4 / 0 6 / 2 0 0 9}$ | $\mathbf{0 4 / 0 3 / 2 0 0 9}$ | $\mathbf{0 4 / 0 2 / 2 0 0 9}$ | $\mathbf{0 4 / 0 1 / 2 0 0 9}$ |
| :--- | :---: | ---: | ---: | ---: | ---: |
| Bank of America | 6.20 | 6.30 | 6.30 | 6.40 | 6.30 |
| Citigroup | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 |
| Total Borrowings | $\mathbf{1 8 . 2 0}$ | $\mathbf{1 8 . 3 0}$ | $\mathbf{1 8 . 3 0}$ | $\mathbf{1 8 . 4 0}$ | $\mathbf{1 8 . 3 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{1 9 . 7}$ | $\mathbf{1 9 . 8}$ | $\mathbf{1 9 . 7 9}$ | $\mathbf{1 9 . 9}$ | $\mathbf{1 9 . 7 9}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 2 4 \%}$ | $\mathbf{8 . 2 0 \%}$ | $\mathbf{8 . 1 4 \%}$ | $\mathbf{8 . 1 5 \%}$ | $\mathbf{8 . 1 4 \%}$ |

## PDCF Borrowing Trend



Composition of Collateral Pledged for April 07 Borrowings - in millions

[^112]| Rating $^{1}$ | Bank of America | Citigroup | Total |
| :--- | ---: | ---: | ---: |
| Treasury | 0.1 | - | 0.1 |
| Agency | 6.7 | 319.1 | 325.8 |
| AAA | $2,340.5$ | $2,485.6$ | $4,826.0$ |
| AA | 37.8 | 113.2 | 151.0 |
| A | 204.5 | 363.6 | 568.1 |
| BBB | 222.8 | 602.5 | 825.3 |
| BB | 247.1 | 732.1 | 979.2 |
| B | 369.2 | $1,141.2$ | $1,510.4$ |
| CCC-C | 982.9 | $1,171.5$ | $2,154.4$ |
| D | 320.7 | 105.6 | 426.4 |
| A-1 | - | 560.6 | 560.6 |
| A-2 | - | 26.5 | 26.5 |
| A-3 | - | - | - |
| NP | - | - | - |
| Equity | 934.5 | $2,251.8$ | $3,186.4$ |
| Unkn Rtg (Triparty) | $\mathbf{1 , 0 4 7 . 1}$ | $3,112.2$ | $4,159.3$ |
| Unkn Rtg (non-Triparty) | - | - | - |
| Total Collateral | $\mathbf{6 , 7 1 4 . 1}$ | $\mathbf{1 2 , 9 8 5 . 5}$ | $\mathbf{1 9 , 6 9 9 . 5}$ |
| Total Borrowings | $\mathbf{6 , 2 0 0 . 0}$ | $\mathbf{1 2 , 0 0 0 . 0}$ | $\mathbf{1 8 , 2 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 2 9 \%}$ | $\mathbf{8 . 2 1 \%}$ | $\mathbf{8 . 2 4 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating



Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 105,586 | $0.00 \%$ |
| Agency | $325,807,515$ | $1.65 \%$ |
| AAA | $4,826,010,421$ | $24.50 \%$ |
| AA | $151,013,609$ | $0.77 \%$ |
| A | $568,144,445$ | $2.88 \%$ |
| BBB | $825,292,890$ | $4.19 \%$ |
| BB | $979,188,133$ | $4.97 \%$ |
| B | $1,510,441,933$ | $7.67 \%$ |
| CCC-C | $4,154,447,362$ | $10.94 \%$ |
| D | $526,366,753$ | $2.16 \%$ |
| A-1 | $26,573,566$ | $2.85 \%$ |
| A-2 | $3,186,365,339$ | $0.13 \%$ |
| Equity | $4,159,271,036$ | $21.11 \%$ |
| Unkn Rtg (Triparty) | $19,699,537,986$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,181,319,824$ | $11.07 \%$ |
| Agency Debt | $325,769,054$ | $1.65 \%$ |
| CDs-CP-BAs | $637,074,965$ | $3.23 \%$ |
| CMBS | $110,179,310$ | $0.56 \%$ |
| Convertible Bonds-Domestic | $2,462,894,940$ | $12.50 \%$ |
| Convertible Bonds-Foreign | $585,948,254$ | $2.97 \%$ |
| Corporates-Domestic | $1,878,400,501$ | $9.54 \%$ |
| Corporates-Foreign | $51,738,128$ | $0.26 \%$ |
| Equity-Domestic | $2,789,092,038$ | $14.16 \%$ |
| Equity-Foreign | $397,273,300$ | $2.02 \%$ |
| FDCB | 623,113 | $0.00 \%$ |
| FDMN | 341,104 | $0.00 \%$ |
| MBS - Agency -CMO | 38,461 | $0.00 \%$ |
| MBS - Private (CMO) | $2,219,769,079$ | $11.27 \%$ |
| Muni | $1,265,171,136$ | $6.42 \%$ |
| Mutual Fund | $4,793,799,193$ | $24.33 \%$ |
| Treasury | 105,586 | $0.00 \%$ |
| Total | $19,699,537,986$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 37,344,126 | 0.56\% |
|  |  | A | 17,885,680 | 0.27\% |
|  |  | BBB | 1,604,954 | 0.02\% |
|  |  | BB | 120,811,939 | 1.80\% |
|  |  | B | 177,891,386 | 2.65\% |
|  |  | CCC-C | 356,418,893 | 5.31\% |
|  |  | D | 62,618,893 | 0.93\% |
|  |  | Unkn Rtg (Triparty) | 134,400,148 | 2.00\% |
|  | Agency Debt | Agency | 6,704,692 | 0.10\% |
|  | Convertible Bonds-Domestic | A | 186,622,496 | 2.78\% |
|  |  | BBB | 178,118,669 | 2.65\% |
|  |  | BB | 82,847,789 | 1.23\% |
|  |  | B | 21,630,582 | 0.32\% |
|  |  | CCC-C | 12,400 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 355,617,199 | 5.30\% |
|  | Corporates-Domestic | BB | 29,862,389 | 0.44\% |
|  |  | CCC-C | 13,736,624 | 0.20\% |
|  |  | D | 220,470,125 | 3.28\% |
|  |  | Unkn Rtg (Triparty) | 404,549,356 | 6.03\% |
|  | Equity-Domestic | Equity | 934,539,278 | 13.92\% |
|  | MBS - Agency - CMO | Agency | 38,461 | 0.00\% |
|  | MBS - Private (CMO) | BBB | 43,070,558 | 0.64\% |
|  |  | BB | 13,590,593 | 0.20\% |
|  |  | B | 169,725,483 | 2.53\% |
|  |  | CCC-C | 612,752,016 | 9.13\% |
|  |  | D | 37,657,636 | 0.56\% |
|  |  | Unkn Rtg (Triparty) | 16,900,927 | 0.25\% |
|  | Muni | Unkn Rtg (Triparty) | 21,569,014 | 0.32\% |
|  | Mutual Fund | AAA | 2,340,450,000 | 34.86\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 114,025,000 | 1.70\% |
|  | Treasury | Treasury | 105,586 | 0.00\% |
|  | Dealer Total |  | 6,714,072,893 | 100.00\% |
| Citigroup | ABS | AAA | 168,465,242 | 1.30\% |
|  |  | AA | 4,652,472 | 0.04\% |
|  |  | A | 56,906,769 | 0.44\% |
|  |  | BBB | 104,383,933 | 0.80\% |
|  |  | BB | 87,347,616 | 0.67\% |
|  |  | B | 382,154,041 | 2.94\% |
|  |  | CCC-C | 186,515,364 | 1.44\% |
|  |  | D | 33,309,180 | 0.26\% |
|  |  | Unkn Rtg (Triparty) | 248,609,188 | 1.91\% |
|  | Agency Debt | Agency | Page 10 649,064,362 | 2.46\% |
|  | CDs-CP-BAs | A-1 | 560,573,566 | 4.32\% |
|  |  | A-2 | 26,509,399 | 0.20\% |
|  |  | Unkn Rtg (Triparty) | 49,992,000 | 0.38\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | CCC-C | 39,386,339 | 0.30\% |
|  |  | D | 43,575,614 | 0.34\% |
|  |  | Unkn Rtg (Triparty) | 1,064,299,213 | 8.20\% |
|  | Convertible Bonds-Foreign | A | 40,730,203 | 0.31\% |
|  |  | BBB | 6,921,780 | 0.05\% |
|  |  | BB | 8,290,362 | 0.06\% |
|  |  | B | 49,541,775 | 0.38\% |
|  |  | Unkn Rtg (Triparty) | 480,464,135 | 3.70\% |
|  | Corporates-Domestic | AAA | 20,906,594 | 0.16\% |
|  |  | AA | 3,511,623 | 0.03\% |
|  |  | A | 56,025,094 | 0.43\% |
|  |  | BBB | 14,470,188 | 0.11\% |
|  |  | BB | 253,837,663 | 1.95\% |
|  |  | B | 125,668,931 | 0.97\% |
|  |  | CCC-C | 329,556,188 | 2.54\% |
|  |  | D | 12,971,872 | 0.10\% |
|  |  | Unkn Rtg (Triparty) | 392,833,855 | 3.03\% |
|  | Corporates-Foreign | A | 7,812,051 | 0.06\% |
|  |  | B | 1,212,921 | 0.01\% |
|  |  | CCC-C | 1,753,946 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 40,959,210 | 0.32\% |
|  | Equity-Domestic | Equity | 1,854,552,760 | 14.28\% |
|  | Equity-Foreign | Equity | 397,273,300 | 3.06\% |
|  | FDCB | AAA | 623,113 | 0.00\% |
|  | FDMN | AAA | 341,104 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 260,759,428 | 2.01\% |
|  |  | AA | 2,653,383 | 0.02\% |
|  |  | A | 33,337,913 | 0.26\% |
|  |  | BBB | 70,867,681 | 0.55\% |
|  |  | BB | 111,320,452 | 0.86\% |
|  |  | B | 335,590,007 | 2.58\% |
|  |  | CCC-C | 436,039,663 | 3.36\% |
|  |  | D | 5,022 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 75,498,318 | 0.58\% |
|  | Muni | AAA | 193,739,941 | 1.49\% |
|  |  | AA | 102,352,004 | 0.79\% |
|  |  | A | 165,878,400 | 1.28\% |
|  |  | BBB | 245,167,791 | 1.89\% |
|  |  | BB | 108,164,833 | 0.83\% |
|  |  | B | 82,989,842 | 0.64\% |
|  |  | CCC-C | 178,275,929 | 1.37\% |
|  |  | D | 15,758,412 | 0.12\% |
|  |  | Unkn Rtg (Triparty) | 151,274,970 | 1.16\% |
|  | Mutual Fund | AAA | 1,840,725,000 | 14.18\% |
|  |  | Unkn Rtg (TripaPqu)g | of 14\$8,099,193 | 3.84\% |
|  | Dealer Total |  | 12,985,465,093 | 100.00\% |

## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF Collateral Report for April 8 

William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan 04/09/2009 12:29 PM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for April 8:

- Total PDCF borrowing on Wednesday was $\$ 13.40$ billion, a $\$ 4.80$ billion decline from Tuesday.
- As compared to Tuesday, Citigroup's borrowing declined by $\$ 5.0$ billion to $\$ 7.0$ billion while the associated collateral declined by $\$ 5.4$ billion to $\$ 7.6$ billion. Due to this decrease, the composition of collateral shifted away from mortgage backed securities ( $10.2 \%$ to $0.3 \%$ ) and corporate bonds ( $9.7 \%$ to $3.0 \%$ ) and towards mutual funds ( $18.0 \%$ to $30.8 \%$ ) and municipal bonds ( $9.6 \%$ to $16.9 \%$ ).
- Bank of America's borrowing increased $\$ 0.2$ billion to $\$ 6.4$ billion on Wednesday. Of its $\$ 6.9$ billion of collateral provided, $35.5 \%$ are mutual funds, $14.5 \%$ are mortgage backed securities, $13.5 \%$ are equities, and $13.3 \%$ are asset backed securities.
- Of the $\$ 14.49$ billion of collateral provided by all participants, $41.1 \%$ are investment grade securities, $18.3 \%$ are non-investment grade securities, $16.7 \%$ are equities, and $23.8 \%$ are securities of unknown rating.

Regards,
Luke

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PDCF Charts and Tables - 20090408.doc

# Primary Dealer Credit Facility Collateral Report 

For Wednesday, April 08, 2009

## Highlights

- Total PDCF borrowing on Wednesday was $\$ 13.40$ billion, a $\$ 4.80$ billion decline from Tuesday.
- As compared to Tuesday, Citigroup's borrowing declined by $\$ 5.0$ billion to $\$ 7.0$ billion while the associated collateral declined by $\$ 5.4$ billion to $\$ 7.6$ billion. Due to this decrease, the composition of collateral shifted away from mortgage backed securities $(10.2 \%$ to $0.3 \%)$ and corporate bonds ( $9.7 \%$ to $3.0 \%$ ) and towards mutual funds $(18.0 \%$ to $30.8 \%)$ and municipal bonds ( $9.6 \%$ to $16.9 \%$ ).
- Bank of America's borrowing increased $\$ 0.2$ billion to $\$ 6.4$ billion on Wednesday. Of its $\$ 6.9$ billion of collateral provided, $35.5 \%$ are mutual funds, $14.5 \%$ are mortgage backed securities, $13.5 \%$ are equities, and $13.3 \%$ are asset backed securities.
- Of the $\$ 14.49$ billion of collateral provided by all participants, $41.1 \%$ are investment grade securities, $18.3 \%$ are noninvestment grade securities, $16.7 \%$ are equities, and $23.8 \%$ are securities of unknown rating.

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 4 / 0 8 / 2 0 0 9}$ | $\mathbf{0 4 / 0 7 / 2 0 0 9}$ | $\mathbf{0 4 / 0 6 / 2 0 0 9}$ | $\mathbf{0 4 / 0 3 / 2 0 0 9}$ | $\mathbf{0 4 / 0 2 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 6.40 | 6.20 | 6.30 | 6.30 | 6.40 |
| Citigroup | 7.00 | 12.00 | 12.00 | 12.00 | 12.00 |
| Total Borrowings | $\mathbf{1 3 . 4 0}$ | $\mathbf{1 8 . 2 0}$ | $\mathbf{1 8 . 3 0}$ | $\mathbf{1 8 . 3 0}$ | $\mathbf{1 8 . 4 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{1 4 . 4 9}$ | $\mathbf{1 9 . 7}$ | $\mathbf{1 9 . 8}$ | $\mathbf{1 9 . 7 9}$ | $\mathbf{1 9 . 9}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 1 3 \%}$ | $\mathbf{8 . 2 4 \%}$ | $\mathbf{8 . 2 0 \%}$ | $\mathbf{8 . 1 4 \%}$ | $\mathbf{8 . 1 5 \%}$ |

## PDCF Borrowing Trend



Composition of Collateral Pledged for April 08 Borrowings - in millions

[^113]|  | Rating ${ }^{1}$ | Bank of America | Citigroup |
| :--- | ---: | ---: | ---: |
| Total |  |  |  |
| Treasury | 0.1 | - | 0.1 |
| Agency | 62.8 | - | 62.8 |
| AAA | $2,344.1$ | $2,171.8$ | $4,515.9$ |
| AA | 31.5 | 132.3 | 163.9 |
| A | 258.0 | 342.2 | 600.2 |
| BBB | 221.5 | 393.4 | 614.9 |
| BB | 237.1 | 131.3 | 368.4 |
| B | 365.0 | 372.1 | 737.1 |
| CCC-C | $1,035.5$ | 179.4 | $1,214.9$ |
| D | 321.1 | 16.4 | 337.6 |
| A-1 | - | - | - |
| A-2 | - | - | - |
| A-3 | - | - | - |
| NP | - | - | - |
| Equity | 933.0 | $1,490.4$ | $2,423.4$ |
| Unkn Rtg (Triparty) | $1,122.3$ | $2,329.9$ | $3,452.2$ |
| Unkn Rtg (non-Triparty) | - | - | - |
| Total Collateral | $\mathbf{6 , 9 3 2 . 0}$ | $\mathbf{7 , 5 5 9 . 2}$ | $\mathbf{1 4 , 4 9 1 . 2}$ |
| Total Borrowings | $\mathbf{6 , 4 0 0 . 0}$ | $\mathbf{7 , 0 0 0 . 0}$ | $\mathbf{1 3 , 4 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 3 1 \%}$ | $\mathbf{7 . 9 9 \%}$ | $\mathbf{8 . 1 4 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Page 5 of 13


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 107,583 | $0.00 \%$ |
| Agency | $62,830,223$ | $0.43 \%$ |
| AAA | $4,515,894,421$ | $31.16 \%$ |
| AA | $163,855,930$ | $1.13 \%$ |
| A | $600,184,258$ | $4.14 \%$ |
| BBB | $614,856,509$ | $4.24 \%$ |
| BB | $368,368,749$ | $2.54 \%$ |
| B | $737,122,676$ | $5.09 \%$ |
| CCC-C | $1,214,861,188$ | $8.38 \%$ |
| D | $337,567,150$ | $2.33 \%$ |
| Equity | $2,423,380,961$ | $16.72 \%$ |
| Unkn Rtg (Triparty) | $3,452,188,443$ | $23.82 \%$ |
| Total | $14,491,218,091$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $1,542,030,637$ | $10.64 \%$ |
| Agency Debt | $62,789,969$ | $0.43 \%$ |
| CMBS | $114,437,468$ | $0.79 \%$ |
| Convertible Bonds-Domestic | $1,717,248,312$ | $11.85 \%$ |
| Convertible Bonds-Foreign | $595,876,783$ | $4.11 \%$ |
| Corporates-Domestic | $840,611,336$ | $5.80 \%$ |
| Corporates-Foreign | $58,255,670$ | $0.40 \%$ |
| Equity-Domestic | $2,066,795,445$ | $14.26 \%$ |
| Equity-Foreign | $356,585,516$ | $2.46 \%$ |
| FDCB | 103,989 | $0.00 \%$ |
| FDMN | 341,586 | $0.00 \%$ |
| MBS - Agency - CMO | 40,254 | $0.00 \%$ |
| MBS -Private (CMO) | $1,024,995,529$ | $7.07 \%$ |
| Muni | $1,322,031,906$ | $9.12 \%$ |
| Mutual Fund | $4,788,966,108$ | $33.05 \%$ |
| Treasury | 107,583 | $0.00 \%$ |
| Total | $14,491,218,091$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 31,015,330 | 0.45\% |
|  |  | A | 17,895,283 | 0.26\% |
|  |  | BBB | 1,631,852 | 0.02\% |
|  |  | BB | 118,958,152 | 1.72\% |
|  |  | B | 178,061,993 | 2.57\% |
|  |  | CCC-C | 357,538,794 | 5.16\% |
|  |  | D | 62,630,539 | 0.90\% |
|  |  | Unkn Rtg (Triparty) | 155,449,904 | 2.24\% |
|  | Agency Debt | Agency | 62,789,969 | 0.91\% |
|  | Convertible Bonds-Domestic | A | 177,225,416 | 2.56\% |
|  |  | BBB | 176,771,393 | 2.55\% |
|  |  | BB | 74,425,086 | 1.07\% |
|  |  | B | 16,593,902 | 0.24\% |
|  |  | CCC-C | 3,653,596 | 0.05\% |
|  |  | D | 92,668 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 385,265,523 | 5.56\% |
|  | Corporates-Domestic | BB | 29,974,115 | 0.43\% |
|  |  | CCC-C | 14,440,136 | 0.21\% |
|  |  | D | 220,774,191 | 3.18\% |
|  |  | Unkn Rtg (Triparty) | 405,734,287 | 5.85\% |
|  | Equity-Domestic | Equity | 933,010,345 | 13.46\% |
|  | MBS - Agency - CMO | Agency | 40,254 | 0.00\% |
|  | MBS - Private (CMO) | A | 62,871,536 | 0.91\% |
|  |  | BBB | 43,069,626 | 0.62\% |
|  |  | BB | 13,621,604 | 0.20\% |
|  |  | B | 170,338,556 | 2.46\% |
|  |  | CCC-C | 659,875,330 | 9.52\% |
|  |  | D | 37,646,644 | 0.54\% |
|  |  | Unkn Rtg (Triparty) | 17,744,272 | 0.26\% |
|  | Muni | BB | 100,000 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 44,047,187 | 0.64\% |
|  | Mutual Fund | AAA | 2,344,075,000 | 33.82\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 114,025,000 | 1.64\% |
|  | Treasury | Treasury | 107,583 | 0.00\% |
|  | Dealer Total |  | 6,931,995,066 | 100.00\% |
| Citigroup | ABS | AAA | 182,186,045 | 2.41\% |
|  |  | AA | 4,652,472 | 0.06\% |
|  |  | A | 56,842,233 | 0.75\% |
|  |  | BBB | 99,671,835 | 1.32\% |
|  |  | BB | 9,028,377 | 0.12\% |
|  |  | B | 207,941,851 | 2.75\% |
|  |  | D | Page 10 of 659,546 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 57,866,432 | 0.77\% |
|  | CMBS | Unkn Rtg (Triparty) | 114,437,468 | 1.51\% |
|  | Convertible Bonds-Domestic | A | 2,941,878 | 0.04\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Foreign (con't) | BB | 8,244,022 | 0.11\% |
|  |  | B | 49,270,248 | 0.65\% |
|  |  | Unkn Rtg (Triparty) | 490,773,421 | 6.49\% |
|  | Corporates-Domestic | AA | 2,938,940 | 0.04\% |
|  |  | A | 20,381,603 | 0.27\% |
|  |  | BBB | 6,701,455 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 139,666,609 | 1.85\% |
|  | Corporates-Foreign | A | 7,735,490 | 0.10\% |
|  |  | B | 1,201,090 | 0.02\% |
|  |  | CCC-C | 1,736,487 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 47,582,603 | 0.63\% |
|  | Equity-Domestic | Equity | 1,133,785,100 | 15.00\% |
|  | Equity-Foreign | Equity | 356,585,516 | 4.72\% |
|  | FDCB | AAA | 103,989 | 0.00\% |
|  | FDMN | AAA | 341,586 | 0.00\% |
|  | MBS - Private (CMO) | AA | 2,645,927 | 0.04\% |
|  |  | A | 6,740,908 | 0.09\% |
|  |  | BBB | 4,564,646 | 0.06\% |
|  |  | BB | 1,494,368 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 4,382,111 | 0.06\% |
|  | Muni | AAA | 153,762,800 | 2.03\% |
|  |  | AA | 122,103,261 | 1.62\% |
|  |  | A | 206,895,961 | 2.74\% |
|  |  | BBB | 275,510,562 | 3.64\% |
|  |  | BB | 106,177,609 | 1.40\% |
|  |  | B | 82,899,371 | 1.10\% |
|  |  | CCC-C | 177,616,845 | 2.35\% |
|  |  | D | 15,763,563 | 0.21\% |
|  |  | Unkn Rtg (Triparty) | 137,154,747 | 1.81\% |
|  | Mutual Fund | AAA | 1,835,425,000 | 24.28\% |
|  |  | Unkn Rtg (Triparty) | 494,941,108 | 6.55\% |
|  | Dealer Total |  | 7,559,223,025 | 100.00\% |

## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF Collateral Report for April 9 

William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan 04/10/2009 10:55 AM McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for April 9:

- Total PDCF borrowing on Thursday was $\$ 13.30$ billion, a $\$ 0.10$ billion decline from Wednesday.
- Of the $\$ 7.6$ billion of collateral provided by Citigroup, $40.2 \%$ are investment grade securities, $9.3 \%$ are non-investment grade securities, $19.7 \%$ are equities, and $30.8 \%$ are securities of unknown rating.
- Bank of America is currently providing $\$ 6.8$ billion of collateral consisting primarily of mutual funds ( $36.0 \%$ ), mortgage backed securities (18.8\%), asset backed securities (14.2\%), and equities (13.7\%). As compared to Wednesday, this represents a shift in mortgage backed securities (14.5\% to 18.8\%) and convertible debt ( $12.0 \%$ to $5.8 \%$ ).
- Of the $\$ 14.39$ billion of collateral provided by all participants, $38.8 \%$ are investment grade securities, $18.9 \%$ are non-investment grade securities, $17.5 \%$ are equities, and $24.8 \%$ are securities with unknown ratings.

Regards,
Luke

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    W
PDCF Charts and Tables - 20090409.doc
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# Primary Dealer Credit Facility Collateral Report 

For Thursday, April 09, 2009

## Highlights

- Total PDCF borrowing on Thursday was $\$ 13.30$ billion, a $\$ 0.10$ billion decline from Wednesday.
- Of the $\$ 7.6$ billion of collateral provided by Citigroup, $40.2 \%$ are investment grade securities, $9.3 \%$ are non-investment grade securities, $19.7 \%$ are equities, and $30.8 \%$ are securities of unknown rating.
- Bank of America is currently providing $\$ 6.8$ billion of collateral consisting primarily of mutual funds ( $36.0 \%$ ), mortgage backed securities ( $18.8 \%$ ), asset backed securities ( $14.2 \%$ ), and equities ( $13.7 \%$ ). As compared to Wednesday, this represents a shift in mortgage backed securities ( $14.5 \%$ to $18.8 \%$ ) and convertible debt ( $12.0 \%$ to $5.8 \%$ ).
- Of the $\$ 14.39$ billion of collateral provided by all participants, $38.8 \%$ are investment grade securities, $18.9 \%$ are noninvestment grade securities, $17.5 \%$ are equities, and $24.8 \%$ are securities with unknown ratings.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 4 / 0 9 / 2 0 0 9}$ | $\mathbf{0 4 / 0 8 / 2 0 0 9}$ | $\mathbf{0 4 / 0 7 / 2 0 0 9}$ | $\mathbf{0 4 / 0 6 / 2 0 0 9}$ | $\mathbf{0 4 / 0 3 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 6.30 | 6.40 | 6.20 | 6.30 | 6.30 |
| Citigroup | 7.00 | 7.00 | 12.00 | 12.00 | 12.00 |
| Total Borrowings | $\mathbf{1 3 . 3 0}$ | $\mathbf{1 3 . 4 0}$ | $\mathbf{1 8 . 2 0}$ | $\mathbf{1 8 . 3 0}$ | $\mathbf{1 8 . 3 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{1 4 . 3 9}$ | $\mathbf{1 4 . 4 9}$ | $\mathbf{1 9 . 7}$ | $\mathbf{1 9 . 8}$ | $\mathbf{1 9 . 7 9}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 2 0 \%}$ | $\mathbf{8 . 1 3 \%}$ | $\mathbf{8 . 2 4 \%}$ | $\mathbf{8 . 2 0 \%}$ | $\mathbf{8 . 1 4 \%}$ |

## PDCF Borrowing Trend



Composition of Collateral Pledged for April 09 Borrowings - in millions

[^114]|  | Rating ${ }^{1}$ | Bank of America | Citigroup |
| :--- | ---: | ---: | ---: |
| Total |  |  |  |
| Treasury | - | 0.1 | 0.1 |
| Agency | 62.6 | 0.2 | 62.8 |
| AAA | $2,369.0$ | $2,171.9$ | $4,540.9$ |
| AA | 49.0 | 54.1 | 103.1 |
| A | 102.9 | 291.2 | 394.2 |
| BBB | 162.3 | 315.5 | 477.8 |
| BB | 359.7 | 132.1 | 491.8 |
| B | 325.2 | 364.6 | 689.8 |
| CCC-C | $1,024.2$ | 179.7 | $1,203.9$ |
| D | 320.5 | 16.1 | 336.6 |
| A-1 | - | - | - |
| A-2 | - | - | - |
| A-3 | - | - | - |
| NP | - | - | - |
| Equity | 933.3 | $1,584.6$ | $2,517.9$ |
| Unkn Rtg (Triparty) | $1,121.1$ | $2,449.6$ | $3,570.8$ |
| Unkn Rtg (non-Triparty) | - | - | - |
| Total Collateral | $\mathbf{6 , 8 2 9 . 9}$ | $\mathbf{7 , 5 5 9 . 8}$ | $\mathbf{1 4 , 3 8 9 . 7}$ |
| Total Borrowings | $\mathbf{6 , 3 0 0 . 0}$ | $\mathbf{7 , 0 0 0 . 0}$ | $\mathbf{1 3 , 3 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 4 1 \%}$ | $\mathbf{8 . 0 0 \%}$ | $\mathbf{8 . 1 9 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating



Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 107,454 | $0.00 \%$ |
| Agency | $62,808,388$ | $0.44 \%$ |
| AAA | $4,540,882,244$ | $31.56 \%$ |
| AA | $103,100,872$ | $0.72 \%$ |
| A | $394,192,587$ | $2.74 \%$ |
| BBB | $477,771,370$ | $3.32 \%$ |
| BB | $491,793,901$ | $3.42 \%$ |
| B | $689,830,837$ | $4.79 \%$ |
| CCC-C | $1,203,901,677$ | $8.37 \%$ |
| D | $336,590,877$ | $2.34 \%$ |
| Equity | $2,517,946,952$ | $17.50 \%$ |
| Unkn Rtg (Triparty) | $3,570,765,361$ | $24.81 \%$ |
| Total | $14,389,692,521$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $1,551,847,363$ | $10.78 \%$ |
| Agency Debt | $62,768,182$ | $0.44 \%$ |
| CMBS | $81,476,777$ | $0.57 \%$ |
| Convertible Bonds-Domestic | $1,277,966,225$ | $8.88 \%$ |
| Convertible Bonds-Foreign | $588,474,990$ | $4.09 \%$ |
| Corporates-Domestic | $853,216,946$ | $5.93 \%$ |
| Corporates-Foreign | $59,150,161$ | $0.41 \%$ |
| Equity-Domestic | $2,116,451,064$ | $14.71 \%$ |
| Equity-Foreign | $401,495,889$ | $2.79 \%$ |
| FDCB | 104,043 | $0.00 \%$ |
| FDMN | 341,784 | $0.00 \%$ |
| Foreign Sovereigns-Domestic | 258,044 | $0.00 \%$ |
| Foreign Sovereigns-Foreign | 13,008 | $0.00 \%$ |
| MBS - Agency -CMO | 40,207 | $0.00 \%$ |
| MBS - Private (CMO) | $1,306,588,415$ | $9.08 \%$ |
| Muni | $1,297,850,169$ | $9.02 \%$ |
| Mutual Fund | $4,791,541,804$ | $33.30 \%$ |
| Treasury | 107,454 | $0.00 \%$ |
| Total | $14,389,692,521$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AAA | 8,984,956 | 0.13\% |
|  |  | AA | 31,036,824 | 0.45\% |
|  |  | A | 31,732,719 | 0.46\% |
|  |  | BBB | 62,781,684 | 0.92\% |
|  |  | BB | 119,047,466 | 1.74\% |
|  |  | B | 149,523,581 | 2.19\% |
|  |  | CCC-C | 346,745,233 | 5.08\% |
|  |  | D | 62,182,920 | 0.91\% |
|  |  | Unkn Rtg (Triparty) | 156,019,703 | 2.28\% |
|  | Agency Debt | Agency | 62,552,734 | 0.92\% |
|  | Convertible Bonds-Domestic | CCC-C | 12,100 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 399,174,881 | 5.84\% |
|  | Corporates-Domestic | BB | 31,366,653 | 0.46\% |
|  |  | CCC-C | 14,592,051 | 0.21\% |
|  |  | D | 220,765,584 | 3.23\% |
|  |  | Unkn Rtg (Triparty) | 407,792,612 | 5.97\% |
|  | Equity-Domestic | Equity | 933,340,621 | 13.67\% |
|  | MBS - Agency - CMO | Agency | 40,207 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 9,180,801 | 0.13\% |
|  |  | AA | 8,705,950 | 0.13\% |
|  |  | A | 66,580,292 | 0.97\% |
|  |  | BBB | 99,007,930 | 1.45\% |
|  |  | BB | 209,173,002 | 3.06\% |
|  |  | B | 175,688,007 | 2.57\% |
|  |  | CCC-C | 662,831,933 | 9.70\% |
|  |  | D | 37,570,465 | 0.55\% |
|  |  | Unkn Rtg (Triparty) | 17,738,605 | 0.26\% |
|  | Muni | AAA | 4,127,274 | 0.06\% |
|  |  | AA | 8,780,972 | 0.13\% |
|  |  | A | 4,633,475 | 0.07\% |
|  |  | BBB | 510,409 | 0.01\% |
|  |  | BB | 100,000 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 26,369,195 | 0.39\% |
|  | Mutual Fund | AAA | 2,346,700,000 | 34.36\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 114,025,000 | 1.67\% |
|  | Treasury | Treasury | 20,969 | 0.00\% |
|  | Dealer Total |  | 6,829,936,807 | 100.00\% |
| Citigroup | ABS | AAA | 182,177,993 | 2.41\% |
|  |  | AA | 4,678,144 | 0.06\% |
|  |  | A | 57,057,016 | 0.75\% |
|  |  | BBB | 64,125,042 | 0.85\% |
|  |  | BB | Page 10 ofg,0 ${ }^{2} 3,019$ | 0.12\% |
|  |  | B | 208,066,622 | 2.75\% |
|  |  | CCC-C | 130,386 | 0.00\% |
|  |  | D | 661,012 | 0.01\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | B | 23,317,880 | 0.31\% |
|  |  | Unkn Rtg (Triparty) | 846,257,421 | 11.19\% |
|  | Convertible Bonds-Foreign | A | 40,439,897 | 0.53\% |
|  |  | BBB | 6,958,002 | 0.09\% |
|  |  | BB | 8,414,464 | 0.11\% |
|  |  | B | 48,852,793 | 0.65\% |
|  |  | Unkn Rtg (Triparty) | 483,809,833 | 6.40\% |
|  | Corporates-Domestic | AAA | 159,094 | 0.00\% |
|  |  | AA | 1,396,731 | 0.02\% |
|  |  | A | 20,302,504 | 0.27\% |
|  |  | BBB | 6,672,147 | 0.09\% |
|  |  | BB | 124,778 | 0.00\% |
|  |  | B | 47,425 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 149,997,368 | 1.98\% |
|  | Corporates-Foreign | AA | 162,147 | 0.00\% |
|  |  | A | 7,711,924 | 0.10\% |
|  |  | BBB | 70 | 0.00\% |
|  |  | BB | 410,218 | 0.01\% |
|  |  | B | 1,373,124 | 0.02\% |
|  |  | CCC-C | 1,747,948 | 0.02\% |
|  |  | D | 243,257 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 47,501,474 | 0.63\% |
|  | Equity-Domestic | Equity | 1,183,110,443 | 15.65\% |
|  | Equity-Foreign | Equity | 401,495,889 | 5.31\% |
|  | FDCB | AAA | 104,043 | 0.00\% |
|  | FDMN | AAA | 341,784 | 0.00\% |
|  | Foreign Sovereigns-Domestic | BB | 30,059 | 0.00\% |
|  |  | CCC-C | 131,570 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 96,415 | 0.00\% |
|  | Foreign Sovereigns-Foreign | AAA | 127 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 12,881 | 0.00\% |
|  | MBS - Private (CMO) | AA | 2,627,389 | 0.03\% |
|  |  | A | 6,982,622 | 0.09\% |
|  |  | BBB | 4,628,005 | 0.06\% |
|  |  | BB | 1,491,372 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 4,382,042 | 0.06\% |
|  | Muni | AAA | 153,681,173 | 2.03\% |
|  |  | AA | 45,212,716 | 0.60\% |
|  |  | A | 155,888,423 | 2.06\% |
|  |  | BBB | 233,088,080 | 3.08\% |
|  |  | BB | 106,272,645 | 1.41\% |
|  |  | B | 82,961,405 | 1.10\% |
|  |  | CCC-C | 177,710,455 | 2.35\% |
|  |  | D | 15,167,640 | 0.20\% |
|  |  | Unkn Rtg (TripaPry) | of 12\$3,346,307 | 3.75\% |
|  | Mutual Fund | AAA | 1,835,425,000 | 24.28\% |
|  |  | Unkn Rtg (Triparty) | 494,891,804 | 6.55\% |
|  | Treasury | Treasury | 86,486 | 0.00\% |

## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF Collateral Report for April 10
William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan 04/13/2009 01:09 PM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for April 10:

- Due to the holiday last Friday, loans booked on Thursday were carried forward to Monday. Consequently, PDCF borrowing remained unchanged at $\$ 13.30$ billion.
- Citigroup is currently providing $\$ 7.6$ billion of collateral consisting primarily of mutual funds ( $30.8 \%$ ), equities (21.2\%), convertible bonds (19.7\%), and municipal bonds (16.6\%).
- Of the $\$ 6.8$ billion of collateral provided by Bank of America, $40.2 \%$ are investment grade securities, $29.7 \%$ are non-investment grade securities, $13.7 \%$ are equities, and $16.4 \%$ are securities of unknown rating.
- Of the $\$ 14.39$ billion of collateral provided by all participants, $38.8 \%$ are investment grade securities, $18.9 \%$ are non-investment grade securities, $17.5 \%$ are equities, and $24.8 \%$ are securities with unknown ratings.

Regards,
Luke

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PDCF Charts and Tables - 20090410.doc

# Primary Dealer Credit Facility Collateral Report 

For Friday, April 10, 2009

## Highlights

- Due to the holiday last Friday, loans booked on Thursday were carried forward to Monday. Consequently, PDCF borrowing remained unchanged at $\$ 13.30$ billion.
- Citigroup is currently providing $\$ 7.6$ billion of collateral consisting primarily of mutual funds ( $30.8 \%$ ), equities ( $21.2 \%$ ), convertible bonds ( $19.7 \%$ ), and municipal bonds ( $16.6 \%$ ).
- Of the $\$ 6.8$ billion of collateral provided by Bank of America, $40.2 \%$ are investment grade securities, $29.7 \%$ are noninvestment grade securities, $13.7 \%$ are equities, and $16.4 \%$ are securities of unknown rating.
- Of the $\$ 14.39$ billion of collateral provided by all participants, $38.8 \%$ are investment grade securities, $18.9 \%$ are noninvestment grade securities, $17.5 \%$ are equities, and $24.8 \%$ are securities with unknown ratings.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 4 / 1 0 / 2 0 0 9}$ | $\mathbf{0 4 / 0 9 / 2 0 0 9}$ | $\mathbf{0 4 / 0 8 / 2 0 0 9}$ | $\mathbf{0 4 / 0 7 / 2 0 0 9}$ | $\mathbf{0 4 / 0 6 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 6.30 | 6.30 | 6.40 | 6.20 | 6.30 |
| Citigroup | 7.00 | 7.00 | 7.00 | 12.00 | 12.00 |
| Total Borrowings | $\mathbf{1 3 . 3 0}$ | $\mathbf{1 3 . 3 0}$ | $\mathbf{1 3 . 4 0}$ | $\mathbf{1 8 . 2 0}$ | $\mathbf{1 8 . 3 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{1 4 . 3 9}$ | $\mathbf{1 4 . 3 9}$ | $\mathbf{1 4 . 4 9}$ | $\mathbf{1 9 . 7}$ | $\mathbf{1 9 . 8}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 2 0 \%}$ | $\mathbf{8 . 2 0 \%}$ | $\mathbf{8 . 1 3 \%}$ | $\mathbf{8 . 2 4 \%}$ | $\mathbf{8 . 2 0 \%}$ |



Composition of Collateral Pledged for April 10 Borrowings - in millions

[^115]| Rating ${ }^{1}$ | Bank of America | Citigroup | Total |
| :--- | ---: | ---: | ---: |
| Treasury | - | - | - |
| Agency | 62.6 | 0.2 | 62.8 |
| AAA | $2,369.0$ | $2,171.7$ | $4,540.7$ |
| AA | 49.0 | 53.8 | 102.8 |
| A | 102.9 | 290.7 | 393.6 |
| BBB | 162.3 | 314.9 | 477.2 |
| BB | 359.7 | 129.1 | 488.8 |
| B | 325.2 | 372.4 | 697.6 |
| CCC-C | $1,024.0$ | 177.7 | $1,201.7$ |
| D | 320.7 | 15.8 | 336.5 |
| A-1 | - | - | - |
| A-2 | - | - | - |
| A-3 | - | - | - |
| NP | - | - | - |
| Equity | 933.3 | $1,600.9$ | $2,534.2$ |
| Unkn Rtg (Triparty) | $1,121.1$ | $2,432.0$ | $3,553.1$ |
| Unkn Rtg (non-Triparty) | - | - | - |
| Total Collateral | $\mathbf{6 , 8 2 9 . 9}$ | $\mathbf{7 , 5 5 9 . 2}$ | $\mathbf{1 4 , 3 8 9 . 1}$ |
| Total Borrowings | $\mathbf{6 , 3 0 0 . 0}$ | $\mathbf{1 2 , 0 0 0 . 0}$ | $\mathbf{1 8 , 3 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 4 1 \%}$ | $\mathbf{- 3 7 . 0 1 \%}$ | $\mathbf{- 2 1 . 3 7 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating



Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 20,969 | $0.00 \%$ |
| Agency | $62,808,388$ | $0.44 \%$ |
| AAA | $4,540,718,238$ | $31.56 \%$ |
| AA | $102,825,796$ | $0.71 \%$ |
| A | $393,638,732$ | $2.74 \%$ |
| BBB | $477,197,533$ | $3.32 \%$ |
| BB | $488,752,561$ | $3.40 \%$ |
| B | $697,601,446$ | $4.85 \%$ |
| CCC-C | $1,201,719,646$ | $8.35 \%$ |
| D | $336,521,213$ | $2.34 \%$ |
| Equity | $2,534,194,627$ | $17.61 \%$ |
| Unkn Rtg (Triparty) | $3,553,107,301$ | $24.69 \%$ |
| Total | $14,389,106,449$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $1,550,054,988$ | $10.77 \%$ |
| Agency Debt | $62,768,182$ | $0.44 \%$ |
| CMBS | $78,838,327$ | $0.55 \%$ |
| Convertible Bonds-Domestic | $1,300,491,421$ | $9.04 \%$ |
| Convertible Bonds-Foreign | $586,089,549$ | $4.07 \%$ |
| Corporates-Domestic | $830,644,913$ | $5.77 \%$ |
| Corporates-Foreign | $50,234,049$ | $0.35 \%$ |
| Equity-Domestic | $2,128,120,066$ | $14.79 \%$ |
| Equity-Foreign | $406,074,561$ | $2.82 \%$ |
| FDCB | 104,043 | $0.00 \%$ |
| FDMN | 341,784 | $0.00 \%$ |
| MBS - Agency - CMO | 40,207 | $0.00 \%$ |
| MBS -Private (CMO) | $1,305,975,171$ | $9.08 \%$ |
| Muni | $1,297,725,346$ | $9.02 \%$ |
| Mutual Fund | $4,791,582,874$ | $33.30 \%$ |
| Treasury | 20,969 | $0.00 \%$ |
| Total | $14,389,106,449$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AAA | 8,984,956 | 0.13\% |
|  |  | AA | 31,036,824 | 0.45\% |
|  |  | A | 31,732,719 | 0.46\% |
|  |  | BBB | 62,781,684 | 0.92\% |
|  |  | BB | 119,047,466 | 1.74\% |
|  |  | B | 149,523,581 | 2.19\% |
|  |  | CCC-C | 346,573,107 | 5.07\% |
|  |  | D | 62,355,046 | 0.91\% |
|  |  | Unkn Rtg (Triparty) | 156,019,703 | 2.28\% |
|  | Agency Debt | Agency | 62,552,734 | 0.92\% |
|  | Convertible Bonds-Domestic | CCC-C | 12,100 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 399,174,881 | 5.84\% |
|  | Corporates-Domestic | BB | 31,366,653 | 0.46\% |
|  |  | CCC-C | 14,592,051 | 0.21\% |
|  |  | D | 220,765,584 | 3.23\% |
|  |  | Unkn Rtg (Triparty) | 407,792,612 | 5.97\% |
|  | Equity-Domestic | Equity | 933,340,621 | 13.67\% |
|  | MBS - Agency - CMO | Agency | 40,207 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 9,180,801 | 0.13\% |
|  |  | AA | 8,705,950 | 0.13\% |
|  |  | A | 66,580,292 | 0.97\% |
|  |  | BBB | 99,007,930 | 1.45\% |
|  |  | BB | 209,173,002 | 3.06\% |
|  |  | B | 175,688,007 | 2.57\% |
|  |  | CCC-C | 662,831,933 | 9.70\% |
|  |  | D | 37,570,465 | 0.55\% |
|  |  | Unkn Rtg (Triparty) | 17,738,605 | 0.26\% |
|  | Muni | AAA | 4,127,274 | 0.06\% |
|  |  | AA | 8,780,972 | 0.13\% |
|  |  | A | 4,633,475 | 0.07\% |
|  |  | BBB | 510,409 | 0.01\% |
|  |  | BB | 100,000 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 26,369,195 | 0.39\% |
|  | Mutual Fund | AAA | 2,346,700,000 | 34.36\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 114,025,000 | 1.67\% |
|  | Treasury | Treasury | 20,969 | 0.00\% |
|  | Dealer Total |  | 6,829,936,807 | 100.00\% |
| Citigroup | ABS | AAA | 182,173,207 | 2.41\% |
|  |  | AA | 4,652,472 | 0.06\% |
|  |  | A | 56,812,348 | 0.75\% |
|  |  | BBB | 63,930,068 | 0.85\% |
|  |  | BB | Page 10 077,885,267 | 0.10\% |
|  |  | B | 208,031,020 | 2.75\% |
|  |  | D | 662,478 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 57,873,044 | 0.77\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | Unkn Rtg (Triparty) | 862,221,540 | 11.41\% |
|  | Convertible Bonds-Foreign | A | 40,276,183 | 0.53\% |
|  |  | BBB | 6,923,491 | 0.09\% |
|  |  | BB | 8,644,583 | 0.11\% |
|  |  | B | 48,787,499 | 0.65\% |
|  |  | Unkn Rtg (Triparty) | 481,457,794 | 6.37\% |
|  | Corporates-Domestic | AA | 1,305,902 | 0.02\% |
|  |  | A | 20,428,425 | 0.27\% |
|  |  | BBB | 6,672,147 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 127,721,539 | 1.69\% |
|  | Corporates-Foreign | A | 7,699,982 | 0.10\% |
|  |  | B | 1,195,690 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 41,338,377 | 0.55\% |
|  | Equity-Domestic | Equity | 1,194,779,445 | 15.81\% |
|  | Equity-Foreign | Equity | 406,074,561 | 5.37\% |
|  | FDCB | AAA | 104,043 | 0.00\% |
|  | FDMN | AAA | 341,784 | 0.00\% |
|  | MBS - Private (CMO) | AA | 2,630,960 | 0.03\% |
|  |  | A | 6,710,845 | 0.09\% |
|  |  | BBB | 4,283,723 | 0.06\% |
|  |  | BB | 1,490,617 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 4,382,042 | 0.06\% |
|  | Muni | AAA | 153,681,173 | 2.03\% |
|  |  | AA | 45,212,716 | 0.60\% |
|  |  | A | 155,888,423 | 2.06\% |
|  |  | BBB | 233,088,080 | 3.08\% |
|  |  | BB | 106,272,645 | 1.41\% |
|  |  | B | 82,961,121 | 1.10\% |
|  |  | CCC-C | 177,710,455 | 2.35\% |
|  |  | D | 15,167,640 | 0.20\% |
|  |  | Unkn Rtg (Triparty) | 283,221,768 | 3.75\% |
|  | Mutual Fund | AAA | 1,835,425,000 | 24.28\% |
|  |  | Unkn Rtg (Triparty) | 494,932,874 | 6.55\% |
|  | Dealer Total |  | 7,559,169,642 | 100.00\% |

## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF Collateral Report for April 13 

William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan 04/14/2009 10:16 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for April 13:

- Total PDCF borrowing on Monday remained unchanged at $\$ 13.30$ billion.
- Citigroup is currently providing $\$ 7.6$ billion of collateral consisting primarily of mutual funds (29.5\%), equities (19.2\%), and convertible bonds (19.4\%). As compared to Friday, this represents a decrease in the proportion of mutual fund collateral (30.8\% to 29.8\%) and equity collateral ( $21.18 \%$ to $19.2 \%$ ). As a consequence there was an increase in the proportion of corporate bond collateral ( $2.7 \%$ to $5.0 \%$ ) and municipal bond collateral (16.6\% to 18.3\%).
- Of the $\$ 6.8$ billion of collateral provided by Bank of America, $44.0 \%$ are investment grade securities, $27.6 \%$ are non-investment grade securities, $13.7 \%$ are equities, and $14.7 \%$ are securities of unknown rating.
- The $\$ 14.38$ billion of collateral provided by all participants consisted primarily of mutual funds (32.6\%), equities (16.6\%), convertible bonds (13.5\%), and municipal bonds (11.4\%).

PDCF Charts and Tables - 20090413.doc

Attached is a revised collateral report for April 10, 2009.
This includes a correction to the table at the bottom of page two.


Regards,
Luke

[^116]
# Primary Dealer Credit Facility Collateral Report 

For Monday, April 13, 2009

## Highlights

- Total PDCF borrowing on Monday remained unchanged at $\$ 13.30$ billion.
- Citigroup is currently providing $\$ 7.6$ billion of collateral consisting primarily of mutual funds ( $29.5 \%$ ), equities ( $19.2 \%$ ), and convertible bonds ( $19.4 \%$ ). As compared to Friday, this represents a decrease in the proportion of mutual fund collateral $(30.8 \%$ to $29.8 \%)$ and equity collateral ( $21.18 \%$ to $19.2 \%$ ). As a consequence there was an increase in the proportion of corporate bond collateral ( $2.7 \%$ to $5.0 \%$ ) and municipal bond collateral ( $16.6 \%$ to $18.3 \%$ ).
- Of the $\$ 6.8$ billion of collateral provided by Bank of America, $44.0 \%$ are investment grade securities, $27.6 \%$ are noninvestment grade securities, $13.7 \%$ are equities, and $14.7 \%$ are securities of unknown rating.
- The $\$ 14.38$ billion of collateral provided by all participants consisted primarily of mutual funds ( $32.6 \%$ ), equities ( $16.6 \%$ ), convertible bonds (13.5\%), and municipal bonds (11.4\%).


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 4 / 1 3 / 2 0 0 9}$ | $\mathbf{0 4 / 1 0 / 2 0 0 9}$ | $\mathbf{0 4 / 0 9 / 2 0 0 9}$ | $\mathbf{0 4 / 0 8 / 2 0 0 9}$ | $\mathbf{0 4 / 0 7 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 6.30 | 6.30 | 6.30 | 6.40 | 6.20 |
| Citigroup | 7.00 | 7.00 | 7.00 | 7.00 | 12.00 |
| Total Borrowings | $\mathbf{1 3 . 3 0}$ | $\mathbf{1 3 . 3 0}$ | $\mathbf{1 3 . 3 0}$ | $\mathbf{1 3 . 4 0}$ | $\mathbf{1 8 . 2 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{1 4 . 3 8}$ | $\mathbf{1 4 . 3 9}$ | $\mathbf{1 4 . 3 9}$ | $\mathbf{1 4 . 4 9}$ | $\mathbf{1 9 . 7}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 1 2 \%}$ | $\mathbf{8 . 2 0 \%}$ | $\mathbf{8 . 2 0 \%}$ | $\mathbf{8 . 1 3 \%}$ | $\mathbf{8 . 2 4 \%}$ |

PDCF Borrowing Trend


Composition of Collateral Pledged for April 13 Borrowings - in millions

[^117]| Rating $^{1}$ | Bank of America | Citigroup | Total |
| :--- | ---: | ---: | ---: |
| Treasury | - | - | - |
| Agency | 62.3 | - | 62.3 |
| AAA | $2,382.3$ | $2,163.2$ | $4,545.5$ |
| AA | 113.1 | 137.0 | 250.1 |
| A | 318.4 | 343.5 | 661.8 |
| BBB | 126.8 | 38.5 | 511.3 |
| BB | 205.7 | 163.4 | 369.1 |
| B | 319.9 | 396.8 | 716.6 |
| CCC-C | $1,038.6$ | 179.0 | $1,217.6$ |
| D | 321.1 | 15.9 | 337.0 |
| A-1 | - | - | - |
| A-2 | - | - | - |
| A-3 | - | - | - |
| NP | - | - | - |
| Equity | 934.2 | $\mathbf{1 , 4 4 9 . 2}$ | $2,383.4$ |
| Unkn Rtg (Triparty) | $\mathbf{1 , 0 0 0 . 3}$ | $\mathbf{2 , 3 2 5 . 7}$ | $3,326.0$ |
| Unkn Rtg (non-Triparty) | - | - | $-\mathbf{1}$ |
| Total Collateral | $\mathbf{6 , 8 2 2 . 6}$ | $\mathbf{7 , 5 5 8 . 1}$ | $\mathbf{1 4 , 3 8 0 . 7}$ |
| Total Borrowings | $\mathbf{6 , 3 0 0 . 0}$ | $\mathbf{7 , 0 0 0 . 0}$ | $\mathbf{1 3 , 3 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 3 0 \%}$ | $\mathbf{7 . 9 7 \%}$ | $\mathbf{8 . 1 3 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating



Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 21,964 | $0.00 \%$ |
| Agency | $62,287,709$ | $0.43 \%$ |
| AAA | $4,545,472,467$ | $31.61 \%$ |
| AA | $250,103,519$ | $1.74 \%$ |
| A | $661,831,159$ | $4.60 \%$ |
| BBB | $511,274,311$ | $3.56 \%$ |
| BB | $369,141,988$ | $2.57 \%$ |
| B | $716,625,533$ | $4.98 \%$ |
| CCC-C | $1,217,629,684$ | $8.47 \%$ |
| D | $336,961,187$ | $2.34 \%$ |
| Equity | $2,383,367,853$ | $16.57 \%$ |
| Unkn Rtg (Triparty) | $3,325,987,095$ | $23.13 \%$ |
| Total | $14,380,704,469$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $1,432,113,156$ | $9.96 \%$ |
| Agency Debt | $62,247,509$ | $0.43 \%$ |
| CMBS | $79,692,239$ | $0.55 \%$ |
| Convertible Bonds-Domestic | $1,355,970,580$ | $9.43 \%$ |
| Convertible Bonds-Foreign | $588,788,391$ | $4.09 \%$ |
| Corporates-Domestic | $1,055,893,298$ | $7.34 \%$ |
| Corporates-Foreign | $57,793,925$ | $0.40 \%$ |
| Equity-Domestic | $1,976,687,909$ | $13.75 \%$ |
| Equity-Foreign | $406,679,945$ | $2.83 \%$ |
| MBS - Agency - CMO | 40,200 | $0.00 \%$ |
| MBS - Private (CMO) | $1,032,482,312$ | $7.18 \%$ |
| Muni | $1,644,666,517$ | $11.44 \%$ |
| Mutual Fund | $4,687,626,525$ | $32.60 \%$ |
| Treasury | 21,964 | $0.00 \%$ |
| Total | $14,380,704,469$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 31,064,862 | 0.46\% |
|  |  | A | 17,411,717 | 0.26\% |
|  |  | BBB | 1,638,693 | 0.02\% |
|  |  | BB | 118,665,024 | 1.74\% |
|  |  | B | 148,504,680 | 2.18\% |
|  |  | CCC-C | 344,086,787 | 5.04\% |
|  |  | D | 62,061,137 | 0.91\% |
|  |  | Unkn Rtg (Triparty) | 157,411,036 | 2.31\% |
|  | Agency Debt | Agency | 62,247,509 | 0.91\% |
|  | Convertible Bonds-Domestic | A | 166,103,268 | 2.43\% |
|  |  | BBB | 76,221,221 | 1.12\% |
|  |  | CCC-C | 12,153 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 238,016,353 | 3.49\% |
|  | Corporates-Domestic | BB | 72,672,614 | 1.07\% |
|  |  | B | 50,643 | 0.00\% |
|  |  | CCC-C | 30,708,784 | 0.45\% |
|  |  | D | 221,508,891 | 3.25\% |
|  |  | Unkn Rtg (Triparty) | 406,140,429 | 5.95\% |
|  | Equity-Domestic | Equity | 934,161,596 | 13.69\% |
|  | MBS - Agency - CMO | Agency | 40,200 | 0.00\% |
|  | MBS - Private (CMO) | A | 63,016,773 | 0.92\% |
|  |  | BBB | 45,715,910 | 0.67\% |
|  |  | BB | 14,270,076 | 0.21\% |
|  |  | B | 171,305,114 | 2.51\% |
|  |  | CCC-C | 663,796,572 | 9.73\% |
|  |  | D | 37,536,037 | 0.55\% |
|  |  | Unkn Rtg (Triparty) | 17,148,003 | 0.25\% |
|  | Muni | AAA | 35,131,633 | 0.51\% |
|  |  | AA | 81,531,689 | 1.20\% |
|  |  | A | 71,846,656 | 1.05\% |
|  |  | BBB | 3,212,784 | 0.05\% |
|  |  | BB | 100,000 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 70,032,610 | 1.03\% |
|  | Mutual Fund | AAA | 2,347,150,000 | 34.40\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 111,575,000 | 1.64\% |
|  | Treasury | Treasury | 21,964 | 0.00\% |
|  | Dealer Total |  | 6,822,618,417 | 100.00\% |
| Citigroup | ABS | AAA | 159,761,742 | 2.11\% |
|  |  | AA | 4,651,313 | 0.06\% |
|  |  | A | 54,959,863 | 0.73\% |
|  |  | BBB | 78,386,608 | 1.04\% |
|  |  | BB | Page 10 035,1987,889 | 0.48\% |
|  |  | B | 159,001,895 | 2.10\% |
|  |  | D | 666,875 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 57,903,034 | 0.77\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Foreign | A | 39,952,930 | 0.53\% |
|  |  | BBB | 9,926,550 | 0.13\% |
|  |  | BB | 9,242,960 | 0.12\% |
|  |  | B | 50,078,356 | 0.66\% |
|  |  | Unkn Rtg (Triparty) | 479,587,596 | 6.35\% |
|  | Corporates-Domestic | AAA | 31,641,011 | 0.42\% |
|  |  | AA | 453,788 | 0.01\% |
|  |  | A | 29,720,821 | 0.39\% |
|  |  | BBB | 19,438,952 | 0.26\% |
|  |  | B | 71,899,184 | 0.95\% |
|  |  | Unkn Rtg (Triparty) | 171,658,181 | 2.27\% |
|  | Corporates-Foreign | A | 7,661,985 | 0.10\% |
|  |  | B | 1,189,957 | 0.02\% |
|  |  | CCC-C | 1,718,648 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 47,223,335 | 0.62\% |
|  | Equity-Domestic | Equity | 1,042,526,313 | 13.79\% |
|  | Equity-Foreign | Equity | 406,679,945 | 5.38\% |
|  | MBS - Private (CMO) | AA | 2,627,342 | 0.03\% |
|  |  | A | 6,659,943 | 0.09\% |
|  |  | BBB | 4,536,676 | 0.06\% |
|  |  | BB | 1,487,897 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 4,381,969 | 0.06\% |
|  | Muni | AAA | 229,963,081 | 3.04\% |
|  |  | AA | 129,274,526 | 1.71\% |
|  |  | A | 201,464,446 | 2.67\% |
|  |  | BBB | 272,196,917 | 3.60\% |
|  |  | BB | 110,318,384 | 1.46\% |
|  |  | B | 83,034,283 | 1.10\% |
|  |  | CCC-C | 177,306,740 | 2.35\% |
|  |  | D | 15,188,247 | 0.20\% |
|  |  | Unkn Rtg (Triparty) | 164,064,521 | 2.17\% |
|  | Mutual Fund | AAA | 1,741,825,000 | 23.05\% |
|  |  | Unkn Rtg (Triparty) | 486,576,525 | 6.44\% |
|  | Dealer Total |  | 7,558,086,052 | 100.00\% |

## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# Primary Dealer Credit Facility Collateral Report 

For Friday, April 10, 2009

## Highlights

- Due to the holiday last Friday, loans booked on Thursday were carried forward to Monday. Consequently, PDCF borrowing remained unchanged at $\$ 13.30$ billion.
- Citigroup is currently providing $\$ 7.6$ billion of collateral consisting primarily of mutual funds ( $30.8 \%$ ), equities ( $21.2 \%$ ), convertible bonds ( $19.7 \%$ ), and municipal bonds ( $16.6 \%$ ).
- Of the $\$ 6.8$ billion of collateral provided by Bank of America, $40.2 \%$ are investment grade securities, $29.7 \%$ are noninvestment grade securities, $13.7 \%$ are equities, and $16.4 \%$ are securities of unknown rating.
- Of the $\$ 14.39$ billion of collateral provided by all participants, $38.8 \%$ are investment grade securities, $18.9 \%$ are noninvestment grade securities, $17.5 \%$ are equities, and $24.8 \%$ are securities with unknown ratings.

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 4 / 1 0 / 2 0 0 9}$ | $\mathbf{0 4 / 0 9 / 2 0 0 9}$ | $\mathbf{0 4 / 0 8 / 2 0 0 9}$ | $\mathbf{0 4 / 0 7 / 2 0 0 9}$ | $\mathbf{0 4 / 0 6 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 6.30 | 6.30 | 6.40 | 6.20 | 6.30 |
| Citigroup | 7.00 | 7.00 | 7.00 | 12.00 | 12.00 |
| Total Borrowings | $\mathbf{1 3 . 3 0}$ | $\mathbf{1 3 . 3 0}$ | $\mathbf{1 3 . 4 0}$ | $\mathbf{1 8 . 2 0}$ | $\mathbf{1 8 . 3 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{1 4 . 3 9}$ | $\mathbf{1 4 . 3 9}$ | $\mathbf{1 4 . 4 9}$ | $\mathbf{1 9 . 7}$ | $\mathbf{1 9 . 8}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 2 0 \%}$ | $\mathbf{8 . 2 0 \%}$ | $\mathbf{8 . 1 3 \%}$ | $\mathbf{8 . 2 4 \%}$ | $\mathbf{8 . 2 0 \%}$ |

PDCF Borrowing Trend


Composition of Collateral Pledged for April 10 Borrowings - in millions

[^118]| Rating ${ }^{1}$ | Bank of America | Citigroup | Total |
| :--- | ---: | ---: | ---: |
| Treasury | - | - | - |
| Agency | 62.6 | 0.2 | 62.8 |
| AAA | $2,369.0$ | $2,171.7$ | $4,540.7$ |
| AA | 49.0 | 53.8 | 102.8 |
| A | 102.9 | 29.7 | 393.6 |
| BBB | 162.3 | 314.9 | 477.2 |
| BB | 359.7 | 129.1 | 488.8 |
| B | 325.2 | 372.4 | 697.6 |
| CCC-C | $1,024.0$ | 177.7 | $1,201.7$ |
| D | 320.7 | 15.8 | 336.5 |
| A-1 | - | - | - |
| A-2 | - | - | - |
| A-3 | - | - | - |
| NP | - | - | - |
| Equity | 933.3 | $\mathbf{1 , 6 0 0 . 9}$ | $2,534.2$ |
| Unkn Rtg (Triparty) | $\mathbf{1 , 1 2 1 . 1}$ | $\mathbf{2 , 4 3 2 . 0}$ | $3,553.1$ |
| Unkn Rtg (non-Triparty) | - | - | - |
| Total Collateral | $\mathbf{6 , 8 2 9 . 9}$ | $\mathbf{7 , 5 5 9 . 2}$ | $\mathbf{1 4 , 3 8 9 . 1}$ |
| Total Borrowings | $\mathbf{6 , 3 0 0 . 0}$ | $\mathbf{7 , 0 0 0 . 0}$ | $\mathbf{1 3 , 3 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 4 1 \%}$ | $\mathbf{7 . 9 9 \%}$ | $\mathbf{8 . 1 9 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating



Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 20,969 | $0.00 \%$ |
| Agency | $62,808,388$ | $0.44 \%$ |
| AAA | $4,540,718,238$ | $31.56 \%$ |
| AA | $102,825,796$ | $0.71 \%$ |
| A | $393,638,732$ | $2.74 \%$ |
| BBB | $477,197,533$ | $3.32 \%$ |
| BB | $488,752,561$ | $3.40 \%$ |
| B | $697,601,446$ | $4.85 \%$ |
| CCC-C | $1,201,719,646$ | $8.35 \%$ |
| D | $336,521,213$ | $2.34 \%$ |
| Equity | $2,534,194,627$ | $17.61 \%$ |
| Unkn Rtg (Triparty) | $3,553,107,301$ | $24.69 \%$ |
| Total | $14,389,106,449$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $1,550,054,988$ | $10.77 \%$ |
| Agency Debt | $62,768,182$ | $0.44 \%$ |
| CMBS | $78,838,327$ | $0.55 \%$ |
| Convertible Bonds-Domestic | $1,300,491,421$ | $9.04 \%$ |
| Convertible Bonds-Foreign | $586,089,549$ | $4.07 \%$ |
| Corporates-Domestic | $830,644,913$ | $5.77 \%$ |
| Corporates-Foreign | $50,234,049$ | $0.35 \%$ |
| Equity-Domestic | $2,128,120,066$ | $14.79 \%$ |
| Equity-Foreign | $406,074,561$ | $2.82 \%$ |
| FDCB | 104,043 | $0.00 \%$ |
| FDMN | 341,784 | $0.00 \%$ |
| MBS - Agency - CMO | 40,207 | $0.00 \%$ |
| MBS - Private $(\mathrm{CMO}$ | $1,305,975,171$ | $9.08 \%$ |
| Muni | $1,297,725,346$ | $9.02 \%$ |
| Mutual Fund | $4,791,582,874$ | $33.30 \%$ |
| Treasury | 20,969 | $0.00 \%$ |
| Total | $14,389,106,449$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AAA | 8,984,956 | 0.13\% |
|  |  | AA | 31,036,824 | 0.45\% |
|  |  | A | 31,732,719 | 0.46\% |
|  |  | BBB | 62,781,684 | 0.92\% |
|  |  | BB | 119,047,466 | 1.74\% |
|  |  | B | 149,523,581 | 2.19\% |
|  |  | CCC-C | 346,573,107 | 5.07\% |
|  |  | D | 62,355,046 | 0.91\% |
|  |  | Unkn Rtg (Triparty) | 156,019,703 | 2.28\% |
|  | Agency Debt | Agency | 62,552,734 | 0.92\% |
|  | Convertible Bonds-Domestic | CCC-C | 12,100 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 399,174,881 | 5.84\% |
|  | Corporates-Domestic | BB | 31,366,653 | 0.46\% |
|  |  | CCC-C | 14,592,051 | 0.21\% |
|  |  | D | 220,765,584 | 3.23\% |
|  |  | Unkn Rtg (Triparty) | 407,792,612 | 5.97\% |
|  | Equity-Domestic | Equity | 933,340,621 | 13.67\% |
|  | MBS - Agency - CMO | Agency | 40,207 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 9,180,801 | 0.13\% |
|  |  | AA | 8,705,950 | 0.13\% |
|  |  | A | 66,580,292 | 0.97\% |
|  |  | BBB | 99,007,930 | 1.45\% |
|  |  | BB | 209,173,002 | 3.06\% |
|  |  | B | 175,688,007 | 2.57\% |
|  |  | CCC-C | 662,831,933 | 9.70\% |
|  |  | D | 37,570,465 | 0.55\% |
|  |  | Unkn Rtg (Triparty) | 17,738,605 | 0.26\% |
|  | Muni | AAA | 4,127,274 | 0.06\% |
|  |  | AA | 8,780,972 | 0.13\% |
|  |  | A | 4,633,475 | 0.07\% |
|  |  | BBB | 510,409 | 0.01\% |
|  |  | BB | 100,000 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 26,369,195 | 0.39\% |
|  | Mutual Fund | AAA | 2,346,700,000 | 34.36\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 114,025,000 | 1.67\% |
|  | Treasury | Treasury | 20,969 | 0.00\% |
|  | Dealer Total |  | 6,829,936,807 | 100.00\% |
| Citigroup | ABS | AAA | 182,173,207 | 2.41\% |
|  |  | AA | 4,652,472 | 0.06\% |
|  |  | A | 56,812,348 | 0.75\% |
|  |  | BBB | 63,930,068 | 0.85\% |
|  |  | BB | Page 10 0f7,885,267 | 0.10\% |
|  |  | B | 208,031,020 | 2.75\% |
|  |  | D | 662,478 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 57,873,044 | 0.77\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | Unkn Rtg (Triparty) | 862,221,540 | 11.41\% |
|  | Convertible Bonds-Foreign | A | 40,276,183 | 0.53\% |
|  |  | BBB | 6,923,491 | 0.09\% |
|  |  | BB | 8,644,583 | 0.11\% |
|  |  | B | 48,787,499 | 0.65\% |
|  |  | Unkn Rtg (Triparty) | 481,457,794 | 6.37\% |
|  | Corporates-Domestic | AA | 1,305,902 | 0.02\% |
|  |  | A | 20,428,425 | 0.27\% |
|  |  | BBB | 6,672,147 | 0.09\% |
|  |  | Unkn Rtg (Triparty) | 127,721,539 | 1.69\% |
|  | Corporates-Foreign | A | 7,699,982 | 0.10\% |
|  |  | B | 1,195,690 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 41,338,377 | 0.55\% |
|  | Equity-Domestic | Equity | 1,194,779,445 | 15.81\% |
|  | Equity-Foreign | Equity | 406,074,561 | 5.37\% |
|  | FDCB | AAA | 104,043 | 0.00\% |
|  | FDMN | AAA | 341,784 | 0.00\% |
|  | MBS - Private (CMO) | AA | 2,630,960 | 0.03\% |
|  |  | A | 6,710,845 | 0.09\% |
|  |  | BBB | 4,283,723 | 0.06\% |
|  |  | BB | 1,490,617 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 4,382,042 | 0.06\% |
|  | Muni | AAA | 153,681,173 | 2.03\% |
|  |  | AA | 45,212,716 | 0.60\% |
|  |  | A | 155,888,423 | 2.06\% |
|  |  | BBB | 233,088,080 | 3.08\% |
|  |  | BB | 106,272,645 | 1.41\% |
|  |  | B | 82,961,121 | 1.10\% |
|  |  | CCC-C | 177,710,455 | 2.35\% |
|  |  | D | 15,167,640 | 0.20\% |
|  |  | Unkn Rtg (Triparty) | 283,221,768 | 3.75\% |
|  | Mutual Fund | AAA | 1,835,425,000 | 24.28\% |
|  |  | Unkn Rtg (Triparty) | 494,932,874 | 6.55\% |
|  | Dealer Total |  | 7,559,169,642 | 100.00\% |

## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF Collateral Report for April 14
William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan 04/15/2009 02:52 PM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for April 14:

- Total PDCF borrowing on Tuesday remained at $\$ 13.30$ billion, unchanged over the last four days.
- Citigroup remains the largest participant in the facility providing $\$ 7.6$ billion of collateral against $\$ 7.0$ billion of borrowing. As compared to Monday, Citigroup's collateral has shifted away from mutual funds ( $29.5 \%$ to $27.9 \%$ ) and towards municipal bonds ( $18.3 \%$ to $19.4 \%$ ).
- Of the $\$ 14.39$ billion of collateral provided by all participants, $41.3 \%$ are investment grade securities, $19.6 \%$ are non-investment grade securities, $16.9 \%$ are equities, and $22.3 \%$ are securities with unknown ratings.

Regards,
Luke

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PDCF Charts and Tables - 20090414.doc

# Primary Dealer Credit Facility Collateral Report 

For Tuesday, April 14, 2009

## Highlights

- Total PDCF borrowing on Tuesday remained at $\$ 13.30$ billion, unchanged over the last four days.
- Citigroup remains the largest participant in the facility providing $\$ 7.6$ billion of collateral against $\$ 7.0$ billion of borrowing. As compared to Monday, Citigroup's collateral has shifted away from mutual funds ( $29.5 \%$ to $27.9 \%$ ) and towards municipal bonds ( $18.3 \%$ to $19.4 \%$ ).
- Of the $\$ 14.39$ billion of collateral provided by all participants, $41.3 \%$ are investment grade securities, $19.6 \%$ are noninvestment grade securities, $16.9 \%$ are equities, and $22.3 \%$ are securities with unknown ratings.

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 4 / 1 4 / 2 0 0 9}$ | $\mathbf{0 4 / 1 3 / 2 0 0 9}$ | $\mathbf{0 4 / 1 0 / 2 0 0 9}$ | $\mathbf{0 4 / 0 9 / 2 0 0 9}$ | $\mathbf{0 4 / 0 8 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 6.30 | 6.30 | 6.30 | 6.30 | 6.40 |
| Citigroup | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 |
| Total Borrowings | $\mathbf{1 3 . 3 0}$ | $\mathbf{1 3 . 3 0}$ | $\mathbf{1 3 . 3 0}$ | $\mathbf{1 3 . 3 0}$ | $\mathbf{1 3 . 4 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{1 4 . 3 9}$ | $\mathbf{1 4 . 3 8}$ | $\mathbf{1 4 . 3 9}$ | $\mathbf{1 4 . 3 9}$ | $\mathbf{1 4 . 4 9}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 2 0 \%}$ | $\mathbf{8 . 1 2 \%}$ | $\mathbf{8 . 2 0 \%}$ | $\mathbf{8 . 2 0 \%}$ | $\mathbf{8 . 1 3 \%}$ |

## PDCF Borrowing Trend



Composition of Collateral Pledged for April 14 Borrowings - in millions

[^119]| Rating ${ }^{1}$ | Bank of America | Citigroup | Total |
| :--- | ---: | ---: | ---: |
| Treasury | - | - | - |
| Agency | 61.8 | - | 61.8 |
| AAA | $2,371.8$ | $2,050.3$ | $4,422.1$ |
| AA | 73.7 | 170.8 | 244.5 |
| A | 285.3 | 374.0 | 659.3 |
| BBB | 167.9 | 383.9 | 551.8 |
| BB | 366.7 | 167.8 | 534.5 |
| B | 324.8 | 397.2 | 722.1 |
| CCC-C | $1,026.2$ | 179.0 | $1,205.2$ |
| D | 337.3 | 15.9 | 353.1 |
| A-1 | - | - | - |
| A-2 | - | - | - |
| A-3 | - | - | - |
| NP | - | - | - |
| Equity | 934.6 | $\mathbf{1 , 4 9 2 . 2}$ | $2,426.8$ |
| Unkn Rtg (Triparty) | 879.3 | $\mathbf{2 , 3 2 4 . 6}$ | $3,203.9$ |
| Unkn Rtg (non-Triparty) | - | - | - |
| Total Collateral | $\mathbf{6 , 8 2 9 . 5}$ | $\mathbf{7 , 5 5 5 . 7}$ | $\mathbf{1 4 , 3 8 5 . 2}$ |
| Total Borrowings | $\mathbf{6 , 3 0 0 . 0}$ | $\mathbf{7 , 0 0 0 . 0}$ | $\mathbf{1 3 , 3 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{8 . 4 0 \%}$ | $\mathbf{7 . 9 4 \%}$ | $\mathbf{8 . 1 6 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Page 6 of 13

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 5,563 | $0.00 \%$ |
| Agency | $61,794,803$ | $0.43 \%$ |
| AAA | $4,422,071,409$ | $30.74 \%$ |
| AA | $244,541,565$ | $1.70 \%$ |
| A | $659,311,489$ | $4.58 \%$ |
| BBB | $551,839,837$ | $3.84 \%$ |
| BB | $534,487,865$ | $3.72 \%$ |
| B | $722,052,666$ | $5.02 \%$ |
| CCC-C | $1,205,214,540$ | $8.38 \%$ |
| D | $353,137,328$ | $2.45 \%$ |
| Equity | $2,426,840,084$ | $16.87 \%$ |
| Unkn Rtg (Triparty) | $3,203,931,881$ | $22.27 \%$ |
| Total | $14,385,229,029$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $1,438,157,394$ | $10.00 \%$ |
| Agency Debt | $61,754,714$ | $0.43 \%$ |
| CMBS | $82,444,288$ | $0.57 \%$ |
| Convertible Bonds-Domestic | $1,277,572,065$ | $8.88 \%$ |
| Convertible Bonds-Foreign | $592,094,316$ | $4.12 \%$ |
| Corporates-Domestic | $1,017,185,999$ | $7.07 \%$ |
| Corporates-Foreign | $48,194,790$ | $0.34 \%$ |
| Equity-Domestic | $2,086,789,964$ | $14.51 \%$ |
| Equity-Foreign | $340,050,121$ | $2.36 \%$ |
| MBS - Agency - CMO | 40,089 | $0.00 \%$ |
| MBS - Private (CMO) | $1,296,792,772$ | $9.01 \%$ |
| Muni | $1,578,504,256$ | $10.97 \%$ |
| Mutual Fund | $4,565,642,700$ | $31.74 \%$ |
| Treasury | 5,563 | $0.00 \%$ |
| Total | $14,385,229,029$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 31,115,527 | 0.46\% |
|  |  | A | 17,420,061 | 0.26\% |
|  |  | BBB | 1,644,365 | 0.02\% |
|  |  | BB | 121,594,121 | 1.78\% |
|  |  | B | 148,009,012 | 2.17\% |
|  |  | CCC-C | 330,187,741 | 4.83\% |
|  |  | D | 78,275,059 | 1.15\% |
|  |  | Unkn Rtg (Triparty) | 157,173,258 | 2.30\% |
|  | Agency Debt | Agency | 61,754,714 | 0.90\% |
|  | Convertible Bonds-Domestic | A | 176,835,684 | 2.59\% |
|  |  | BBB | 81,896,320 | 1.20\% |
|  |  | Unkn Rtg (Triparty) | 142,522,046 | 2.09\% |
|  | Corporates-Domestic | AAA | 30,306 | 0.00\% |
|  |  | AA | 22,470 | 0.00\% |
|  |  | BB | 35,702,141 | 0.52\% |
|  |  | CCC-C | 30,600,291 | 0.45\% |
|  |  | D | 221,490,147 | 3.24\% |
|  |  | Unkn Rtg (Triparty) | 410,220,522 | 6.01\% |
|  | Equity-Domestic | Equity | 934,632,682 | 13.69\% |
|  | MBS - Agency - CMO | Agency | 40,089 | 0.00\% |
|  | MBS - Private (CMO) | AAA | 11,943,542 | 0.17\% |
|  |  | AA | 8,706,312 | 0.13\% |
|  |  | A | 66,588,498 | 0.98\% |
|  |  | BBB | 83,445,656 | 1.22\% |
|  |  | BB | 209,317,584 | 3.06\% |
|  |  | B | 176,795,634 | 2.59\% |
|  |  | CCC-C | 665,431,733 | 9.74\% |
|  |  | D | 37,510,382 | 0.55\% |
|  |  | Unkn Rtg (Triparty) | 17,159,544 | 0.25\% |
|  | Muni | AAA | 15,611,690 | 0.23\% |
|  |  | AA | 33,351,237 | 0.49\% |
|  |  | A | 24,478,732 | 0.36\% |
|  |  | BBB | 915,541 | 0.01\% |
|  |  | BB | 100,000 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 40,032,706 | 0.59\% |
|  | Mutual Fund | AAA | 2,344,200,000 | 34.32\% |
|  |  | AA | 500,000 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 112,225,000 | 1.64\% |
|  | Treasury | Treasury | 5,563 | 0.00\% |
|  | Dealer Total |  | 6,829,485,909 | 100.00\% |
| Citigroup | ABS | AAA | 159,812,674 | 2.12\% |
|  |  | AA | 4,651,313 | 0.06\% |
|  |  | A | 55,051,112 | 0.73\% |
|  |  | BBB | 78,531,167 | 1.04\% |
|  |  | BB | 37,008,219 | 0.49\% |
|  |  | B | 159,109,061 | 2.11\% |
|  |  | D | 668,341 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 57,906,364 | 0.77\% |
|  | CMBS | Unkn Rtg (Triparty) | 182,4442880 | 131.09\% |
|  | Convertible Bonds-Domestic | A | 3,124,775 | 0.04\% |
|  |  | BB | 6,447,802 | 0.09\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Domestic (con't) | B | 31,576,517 | 0.42\% |
|  |  | Unkn Rtg (Triparty) | 835,168,920 | 11.05\% |
|  | Convertible Bonds-Foreign | A | 41,876,970 | 0.55\% |
|  |  | BBB | 9,934,506 | 0.13\% |
|  |  | BB | 9,332,989 | 0.12\% |
|  |  | B | 50,691,383 | 0.67\% |
|  |  | Unkn Rtg (Triparty) | 480,258,467 | 6.36\% |
|  | Corporates-Domestic | AAA | 31,641,011 | 0.42\% |
|  |  | AA | 422,617 | 0.01\% |
|  |  | A | 29,323,195 | 0.39\% |
|  |  | BBB | 19,541,594 | 0.26\% |
|  |  | B | 71,603,186 | 0.95\% |
|  |  | Unkn Rtg (Triparty) | 166,588,521 | 2.20\% |
|  | Corporates-Foreign | A | 7,770,147 | 0.10\% |
|  |  | B | 1,206,812 | 0.02\% |
|  |  | CCC-C | 1,742,639 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 37,475,192 | 0.50\% |
|  | Equity-Domestic | Equity | 1,152,157,281 | 15.25\% |
|  | Equity-Foreign | Equity | 340,050, 121 | 4.50\% |
|  | MBS - Private (CMO) | AA | 2,658,548 | 0.04\% |
|  |  | A | 6,747,144 | 0.09\% |
|  |  | BBB | 4,596,058 | 0.06\% |
|  |  | BB | 1,510,467 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 4,381,671 | 0.06\% |
|  | Muni | AAA | 248,282,187 | 3.29\% |
|  |  | AA | 163,113,542 | 2.16\% |
|  |  | A | 230,095,171 | 3.05\% |
|  |  | BBB | 271,334,631 | 3.59\% |
|  |  | BB | 113,474,541 | 1.50\% |
|  |  | B | 83,061,062 | 1.10\% |
|  |  | CCC-C | 177,252,137 | 2.35\% |
|  |  | D | 15,193,398 | 0.20\% |
|  |  | Unkn Rtg (Triparty) | 162,207,682 | 2.15\% |
|  | Mutual Fund | AAA | 1,610,550,000 | 21.32\% |
|  |  | Unkn Rtg (Triparty) | 498,167,700 | 6.59\% |
|  | Dealer Total |  | 7,555,743,121 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF Collateral Report for April 15 

William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for April 15:

- Total PDCF borrowing declined on Wednesday to $\$ 10.40$ billion. The reduction in PDCF usage is attributable to a $\$ 2.9$ billion decline in borrowing by Bank of America.
- Bank of America is currently providing $\$ 3.7$ billion of collateral against $\$ 3.4$ billion of borrowing, resulting in a collateral cushion of $9.9 \%$. As compared to Tuesday the collateral composition has shifted away from mutual funds ( $36.0 \%$ to $0.4 \%$ ), MBS ( $18.7 \%$ to $0.1 \%$ ), and equities ( $13.7 \%$ to $2.2 \%$ ). At the same time, collateral shifted towards ABS ( $13.0 \%$ to $43.3 \%$ ), municipal bonds ( $1.7 \%$ to $23.0 \%$ ), and convertible bonds ( $5.9 \%$ to $19.3 \%$ ).
- Of the $\$ 7.5$ billion of collateral provided by Citigroup, $39.5 \%$ are investment grade securities, $10.1 \%$ are non-investment grade securities, $19.8 \%$ are equities, and $30.8 \%$ are securities of unknown rating.
- Of the $\$ 11.30$ billion of collateral provided by all participants, $21.8 \%$ are municipal bonds, $19.4 \%$ are convertible bonds, $18.8 \%$ are ABS, and $18.0 \%$ are mutual funds.

Regards,
Luke

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PDCF Charts and Tables - 20090415.doc

# Primary Dealer Credit Facility Collateral Report 

For Wednesday, April 15, 2009

## Highlights

- Total PDCF borrowing declined on Wednesday to $\$ 10.40$ billion. The reduction in PDCF usage is attributable to a $\$ 2.9$ billion decline in borrowing by Bank of America.
- Bank of America is currently providing $\$ 3.7$ billion of collateral against $\$ 3.4$ billion of borrowing, resulting in a collateral cushion of $9.9 \%$. As compared to Tuesday the collateral composition has shifted away from mutual funds ( $36.0 \%$ to $0.4 \%$ ), MBS ( $18.7 \%$ to $0.1 \%$ ), and equities ( $13.7 \%$ to $2.2 \%$ ). At the same time, collateral shifted towards ABS ( $13.0 \%$ to $43.3 \%$ ), municipal bonds ( $1.7 \%$ to $23.0 \%$ ), and convertible bonds ( $5.9 \%$ to $19.3 \%$ ).
- Of the $\$ 7.5$ billion of collateral provided by Citigroup, $39.5 \%$ are investment grade securities, $10.1 \%$ are non-investment grade securities, $19.8 \%$ are equities, and $30.8 \%$ are securities of unknown rating.
- Of the $\$ 11.30$ billion of collateral provided by all participants, $21.8 \%$ are municipal bonds, $19.4 \%$ are convertible bonds, $18.8 \%$ are ABS, and $18.0 \%$ are mutual funds.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 4 / 1 5 / 2 0 0 9}$ | $\mathbf{0 4 / 1 4 / 2 0 0 9}$ | $\mathbf{0 4 / 1 3 / 2 0 0 9}$ | $\mathbf{0 4 / 1 0 / 2 0 0 9}$ | $\mathbf{0 4 / 0 9 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 3.40 | 6.30 | 6.30 | 6.30 | 6.30 |
| Citigroup | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 |
| Total Borrowings | $\mathbf{1 0 . 4 0}$ | $\mathbf{1 3 . 3 0}$ | $\mathbf{1 3 . 3 0}$ | $\mathbf{1 3 . 3 0}$ | $\mathbf{1 3 . 3 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{1 1 . 3}$ | $\mathbf{1 4 . 3 9}$ | $\mathbf{1 4 . 3 8}$ | $\mathbf{1 4 . 3 9}$ | $\mathbf{1 4 . 3 9}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 6 5 \%}$ | $\mathbf{8 . 2 0 \%}$ | $\mathbf{8 . 1 2 \%}$ | $\mathbf{8 . 2 0 \%}$ | $\mathbf{8 . 2 0 \%}$ |

## PDCF Borrowing Trend



## Composition of Collateral Pledged for April 15 Borrowings - in millions

[^120]| Rating ${ }^{1}$ | Bank of America | Citigroup | Total |
| :--- | ---: | ---: | ---: |
| Treasury | - | - | - |
| Agency | 56.9 | - | 56.9 |
| AAA | 153.7 | $1,838.2$ | $1,991.9$ |
| AA | 376.5 | 50.5 | 433.0 |
| A | 360.5 | 608.7 | 969.2 |
| BBB | 230.1 | 330.7 | 560.8 |
| BB | 623.2 | 285.4 | 908.6 |
| B | 272.0 | 378.6 | 650.6 |
| CCC-C | 525.3 | 179.7 | 705.0 |
| D | 245.6 | 16.8 | 262.5 |
| A-1 | - | - | - |
| A-2 | - | - | - |
| A-3 | - | - | - |
| NP | - | - | - |
| Equity | 82.9 | $\mathbf{1 , 4 8 5 . 6}$ | $\mathbf{1 , 5 6 8 . 5}$ |
| Unkn Rtg (Triparty) | 810.6 | $\mathbf{2 , 3 8 3 . 6}$ | $3,194.2$ |
| Unkn Rtg (non-Triparty) | - | - | - |
| Total Collateral | $\mathbf{3 , 7 3 7 . 4}$ | $\mathbf{7 , 5 6 3 . 7}$ | $\mathbf{1 1 , 3 0 1 . 1}$ |
| Total Borrowings | $\mathbf{3 , 4 0 0 . 0}$ | $\mathbf{7 , 0 0 0 . 0}$ | $\mathbf{1 0 , 4 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{9 . 9 2 \%}$ | $\mathbf{8 . 0 5 \%}$ | $\mathbf{8 . 6 6 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 5,563 | $0.00 \%$ |
| Agency | $56,863,616$ | $0.50 \%$ |
| AAA | $1,991,856,971$ | $17.63 \%$ |
| AA | $433,014,117$ | $3.83 \%$ |
| A | $969,229,269$ | $8.58 \%$ |
| BBB | $560,838,608$ | $4.96 \%$ |
| BB | $908,579,909$ | $8.04 \%$ |
| B | $650,599,243$ | $5.76 \%$ |
| CCC-C | $704,984,053$ | $6.24 \%$ |
| D | $262,469,765$ | $2.32 \%$ |
| Equity | $1,568,513,355$ | $13.88 \%$ |
| Unkn Rtg (Triparty) | $3,194,182,448$ | $28.26 \%$ |
| Total | $11,301,136,917$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $2,127,564,698$ | $18.83 \%$ |
| Agency Debt | $56,863,616$ | $0.50 \%$ |
| CMBS | $79,671,500$ | $0.70 \%$ |
| Convertible Bonds-Domestic | $1,570,645,371$ | $13.90 \%$ |
| Convertible Bonds-Foreign | $624,765,504$ | $5.53 \%$ |
| Corporates-Domestic | $693,232,592$ | $6.13 \%$ |
| Corporates-Foreign | $57,773,772$ | $0.51 \%$ |
| Equity-Domestic | $1,033,149,795$ | $9.14 \%$ |
| Equity-Foreign | $535,363,560$ | $4.74 \%$ |
| MBS - Private (CMO) | $24,506,490$ | $0.22 \%$ |
| Muni | $2,464,116,663$ | $21.80 \%$ |
| Mutual Fund | $2,033,477,793$ | $17.99 \%$ |
| Treasury | 5,563 | $0.00 \%$ |
| Total | $11,301,136,917$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AAA | 30,950,649 | 0.83\% |
|  |  | AA | 33,933,311 | 0.91\% |
|  |  | A | 20,849,976 | 0.56\% |
|  |  | BBB | 5,492,098 | 0.15\% |
|  |  | BB | 500,003,697 | 13.38\% |
|  |  | B | 252,964,201 | 6.77\% |
|  |  | CCC-C | 505,947,579 | 13.54\% |
|  |  | D | 122,200,569 | 3.27\% |
|  |  | Unkn Rtg (Triparty) | 144,266,217 | 3.86\% |
|  | Agency Debt | Agency | 56,863,616 | 1.52\% |
|  | Convertible Bonds-Domestic | A | 199,739,915 | 5.34\% |
|  |  | BBB | 211,914,700 | 5.67\% |
|  |  | BB | 74,669,819 | 2.00\% |
|  |  | B | 14,508,537 | 0.39\% |
|  |  | CCC-C | 8,270,289 | 0.22\% |
|  |  | Unkn Rtg (Triparty) | 211,834,233 | 5.67\% |
|  | Corporates-Domestic | BB | 41,019,977 | 1.10\% |
|  |  | CCC-C | 6,360,711 | 0.17\% |
|  |  | D | 123,439,118 | 3.30\% |
|  |  | Unkn Rtg (Triparty) | 211,169,635 | 5.65\% |
|  | Equity-Domestic | Equity | 82,892,249 | 2.22\% |
|  | MBS - Private (CMO) | B | 4,568,909 | 0.12\% |
|  | Muni | AAA | 122,744,881 | 3.28\% |
|  |  | AA | 342,588,118 | 9.17\% |
|  |  | A | 139,898,633 | 3.74\% |
|  |  | BBB | 12,719,917 | 0.34\% |
|  |  | BB | 7,490,000 | 0.20\% |
|  |  | CCC-C | 4,750,000 | 0.13\% |
|  |  | Unkn Rtg (Triparty) | 227,748,880 | 6.09\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 15,600,000 | 0.42\% |
|  | Treasury | Treasury | 5,563 | 0.00\% |
|  | Dealer Total |  | 3,737,405,996 | 100.00\% |
| Citigroup | ABS | AAA | 139,398,259 | 1.84\% |
|  |  | A | 47,764,752 | 0.63\% |
|  |  | BBB | 78,566,294 | 1.04\% |
|  |  | BB | 36,841,424 | 0.49\% |
|  |  | B | 149,802,799 | 1.98\% |
|  |  | D | 669,807 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 57,913,067 | 0.77\% |
|  | CMBS | Unkn Rtg (Triparty) | 79,671,500 | 1.05\% |
|  | Convertible Bonds-Domestic | A | 11,610,919 | 0.15\% |
|  |  | BB | 11,659,238 | 0.15\% |
|  |  | B | 24,215,860 | 0.32\% |
|  |  | Unkn Rtg (Triparty) | 802,221,862 | 10.61\% |
|  | Convertible Bonds-Foreign | A | 38,264,610 | 0.51\% |
|  |  | BBB | 10,051,106 | 0.13\% |
|  |  | BB | 8,861,768 | 0.12\% |
|  |  | B | 49,442,515 | 0.65\% |
|  |  | Unkn Rtg (Triparty) | \$93, | 126.85\% |
|  | Corporates-Domestic | AAA | 31,329,782 | 0.41\% |
|  |  | AA | 426,568 | 0.01\% |

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## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Corporates-Domestic (con't) | A | 19,343,351 | 0.26\% |
|  |  | BBB | 17,087,259 | 0.23\% |
|  |  | B | 71,115,370 | 0.94\% |
|  |  | Unkn Rtg (Triparty) | 171,940,821 | 2.27\% |
|  | Corporates-Foreign | A | 7,734,577 | 0.10\% |
|  |  | B | 1,201,343 | 0.02\% |
|  |  | CCC-C | 1,734,392 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 47,103,460 | 0.62\% |
|  | Equity-Domestic | Equity | 950,257,547 | 12.56\% |
|  | Equity-Foreign | Equity | 535,363,560 | 7.08\% |
|  | MBS - Private (CMO) | AA | 2,677,181 | 0.04\% |
|  |  | A | 6,763,731 | 0.09\% |
|  |  | BBB | 4,609,963 | 0.06\% |
|  |  | BB | 1,505,111 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 4,381,595 | 0.06\% |
|  | Muni | AAA | 146,608,400 | 1.94\% |
|  |  | AA | 53,388,940 | 0.71\% |
|  |  | A | 477,258,806 | 6.31\% |
|  |  | BBB | 220,397,270 | 2.91\% |
|  |  | BB | 226,528,876 | 2.99\% |
|  |  | B | 82,779,708 | 1.09\% |
|  |  | CCC-C | 177,921,084 | 2.35\% |
|  |  | D | 16,160,270 | 0.21\% |
|  |  | Unkn Rtg (Triparty) | 205,132,881 | 2.71\% |
|  | Mutual Fund | AAA | 1,520,825,000 | 20.11\% |
|  |  | Unkn Rtg (Triparty) | 497,052,793 | 6.57\% |
|  | Dealer Total |  | 7,563,730,921 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF Collateral Report for April 16 

William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for April 16:

- Total PDCF borrowing on Thursday remained at $\$ 10.40$ billion, unchanged from Wednesday.
- Bank of America provided $\$ 3.7$ billion of collateral against $\$ 3.4$ billion of borrowing. As compared to last Thursday, Bank of America's collateral has shifted away from mutual funds ( $36.0 \%$ to $0.4 \%$ ) and equities ( $13.7 \%$ to $4.6 \%$ ) and towards ABS ( $14.2 \%$ to $25.8 \%$ ), convertible bonds ( $5.8 \%$ to $19.5 \%$ ), and corporate bonds ( $9.9 \%$ to $20.4 \%$ ).
- Citigroup remains the largest participant of the program with $\$ 7.0$ billion of borrowing and $\$ 7.6$ billion of collateral. Citigroup's collateral consists primarily of mutual funds (29.6\%), equities (21.4\%), convertible bonds ( $17.7 \%$ ), and municipal bonds (17.2\%).
- Of the $\$ 11.30$ billion of collateral provided by all participants, $31.4 \%$ are investment grade securities, $26.1 \%$ are non-investment grade securities, $15.8 \%$ are equities, and $26.7 \%$ are securities with unknown ratings.

Regards,
Luke

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PDCF Charts and Tables - 20090416.doc

## Primary Dealer Credit Facility Collateral Report

For Thursday, April 16, 2009

## Highlights

- Total PDCF borrowing on Thursday remained at $\$ 10.40$ billion, unchanged from Wednesday.
- Bank of America provided $\$ 3.7$ billion of collateral against $\$ 3.4$ billion of borrowing. As compared to last Thursday, Bank of America's collateral has shifted away from mutual funds ( $36.0 \%$ to $0.4 \%$ ) and equities ( $13.7 \%$ to $4.6 \%$ ) and towards ABS ( $14.2 \%$ to $25.8 \%$ ), convertible bonds ( $5.8 \%$ to $19.5 \%$ ), and corporate bonds ( $9.9 \%$ to $20.4 \%$ ).
- Citigroup remains the largest participant of the program with $\$ 7.0$ billion of borrowing and $\$ 7.6$ billion of collateral. Citigroup's collateral consists primarily of mutual funds (29.6\%), equities (21.4\%), convertible bonds (17.7\%), and municipal bonds (17.2\%).
- Of the $\$ 11.30$ billion of collateral provided by all participants, $31.4 \%$ are investment grade securities, $26.1 \%$ are noninvestment grade securities, $15.8 \%$ are equities, and $26.7 \%$ are securities with unknown ratings.

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 4 / 1 6 / 2 0 0 9}$ | $\mathbf{0 4 / 1 5 / 2 0 0 9}$ | $04 / 14 / 2009$ | $04 / 13 / 2009$ | $\mathbf{0 4 / 1 0 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 3.40 | 3.40 | 6.30 | 6.30 | 6.30 |
| Citigroup | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 |
| Total Borrowings | $\mathbf{1 0 . 4 0}$ | $\mathbf{1 0 . 4 0}$ | $\mathbf{1 3 . 3 0}$ | $\mathbf{1 3 . 3 0}$ | $\mathbf{1 3 . 3 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{1 1 . 3}$ | $\mathbf{1 1 . 3}$ | $\mathbf{1 4 . 3 9}$ | $\mathbf{1 4 . 3 8}$ | $\mathbf{1 4 . 3 9}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 6 5 \%}$ | $\mathbf{8 . 6 5 \%}$ | $\mathbf{8 . 2 0 \%}$ | $\mathbf{8 . 1 2 \%}$ | $\mathbf{8 . 2 0 \%}$ |

## PDCF Borrowing Trend



## Composition of Collateral Pledged for April 16 Borrowings - in millions

[^121]| Rating ${ }^{1}$ | Bank of America | Citigroup | Total |
| :--- | ---: | ---: | ---: |
| Treasury | - | - | - |
| Agency | 56.9 | - | 56.9 |
| AAA | 0.4 | $1,990.9$ | $1,991.3$ |
| AA | 31.5 | 68.3 | 99.7 |
| A | 281.1 | 468.7 | 749.8 |
| BBB | 317.1 | 334.5 | 651.6 |
| BB | 256.8 | 272.3 | 529.1 |
| B | 355.2 | 383.1 | 738.3 |
| CCC-C | $1,080.0$ | 215.4 | $1,295.4$ |
| D | 368.3 | 16.8 | 385.1 |
| A-1 | - | - | - |
| A-2 | - | - | - |
| A-3 | - | - | - |
| NP | - | - | - |
| Equity | 172.0 | $1,608.6$ | $\mathbf{1 , 7 8 0 . 7}$ |
| Unkn Rtg (Triparty) | 805.3 | $\mathbf{2 , 2 1 4 . 2}$ | $\mathbf{3 , 0 1 9 . 5}$ |
| Unkn Rtg (non-Triparty) | - | - | - |
| Total Collateral | $\mathbf{3 , 7 2 4 . 6}$ | $\mathbf{7 , 5 7 2 . 8}$ | $\mathbf{1 1 , 2 9 7 . 4}$ |
| Total Borrowings | $\mathbf{3 , 4 0 0 . 0}$ | $\mathbf{7 , 0 0 0 . 0}$ | $\mathbf{1 0 , 4 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{9 . 5 5 \%}$ | $\mathbf{8 . 1 8 \%}$ | $\mathbf{8 . 6 3 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 5,563 | $0.00 \%$ |
| Agency | $56,938,907$ | $0.50 \%$ |
| AAA | $1,991,302,692$ | $17.63 \%$ |
| AA | $99,729,320$ | $0.88 \%$ |
| A | $749,785,753$ | $6.64 \%$ |
| BBB | $651,620,141$ | $5.77 \%$ |
| BB | $529,069,252$ | $4.68 \%$ |
| B | $738,276,588$ | $6.53 \%$ |
| CCC-C | $1,295,416,968$ | $11.47 \%$ |
| D | $385,100,255$ | $3.41 \%$ |
| Equity | $1,780,658,498$ | $15.76 \%$ |
| Unkn Rtg (Triparty) | $3,019,466,380$ | $26.73 \%$ |
| Total | $11,297,370,316$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $1,502,348,492$ | $13.30 \%$ |
| Agency Debt | $56,898,846$ | $0.50 \%$ |
| CMBS | $69,007,654$ | $0.61 \%$ |
| Convertible Bonds-Domestic | $1,253,403,665$ | $11.09 \%$ |
| Convertible Bonds-Foreign | $818,624,601$ | $7.25 \%$ |
| Corporates-Domestic | $1,082,232,911$ | $9.58 \%$ |
| Corporates-Foreign | $57,132,919$ | $0.51 \%$ |
| Equity-Domestic | $1,176,886,501$ | $10.42 \%$ |
| Equity-Foreign | $603,771,997$ | $5.34 \%$ |
| FDCB | 390,049 | $0.00 \%$ |
| Foreign Sovereigns-Domestic | $65,522,276$ | $0.58 \%$ |
| Foreign Sovereigns-Foreign | 14,956 | $0.00 \%$ |
| MBS - Agency - CMO | 40,061 | $0.00 \%$ |
| MBS - Private (CMO) | $1,032,461,020$ | $9.14 \%$ |
| Muni | $1,324,409,758$ | $11.72 \%$ |
| Mutual Fund | $2,254,219,048$ | $19.95 \%$ |
| Treasury | 5,563 | $0.00 \%$ |
| Total | $11,297,370,316$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 31,150,690 | 0.84\% |
|  |  | A | 17,431,262 | 0.47\% |
|  |  | BBB | 1,912,828 | 0.05\% |
|  |  | BB | 121,990,226 | 3.28\% |
|  |  | B | 150,527,655 | 4.04\% |
|  |  | CCC-C | 384,988,284 | 10.34\% |
|  |  | D | 108,075,229 | 2.90\% |
|  |  | Unkn Rtg (Triparty) | 143,834,934 | 3.86\% |
|  | Agency Debt | Agency | 56,898,846 | 1.53\% |
|  | Convertible Bonds-Domestic | A | 200,306,966 | 5.38\% |
|  |  | BBB | 210,877,825 | 5.66\% |
|  |  | BB | 84,461,288 | 2.27\% |
|  |  | B | 28,335,893 | 0.76\% |
|  |  | CCC-C | 4,880,420 | 0.13\% |
|  |  | Unkn Rtg (Triparty) | 198,578,627 | 5.33\% |
|  | Corporates-Domestic | AA | 311,444 | 0.01\% |
|  |  | BBB | 58,226,177 | 1.56\% |
|  |  | BB | 35,953,525 | 0.97\% |
|  |  | CCC-C | 31,879,888 | 0.86\% |
|  |  | D | 222,641,628 | 5.98\% |
|  |  | Unkn Rtg (Triparty) | 409,615,752 | 11.00\% |
|  | Equity-Domestic | Equity | 172,034,139 | 4.62\% |
|  | FDCB | AAA | 390,049 | 0.01\% |
|  | MBS - Agency - CMO | Agency | 40,061 | 0.00\% |
|  | MBS - Private (CMO) | A | 63,357,741 | 1.70\% |
|  |  | BBB | 46,130,864 | 1.24\% |
|  |  | BB | 14,382,064 | 0.39\% |
|  |  | B | 176,330,259 | 4.73\% |
|  |  | CCC-C | 658,240,036 | 17.67\% |
|  |  | D | 37,546,703 | 1.01\% |
|  |  | Unkn Rtg (Triparty) | 16,508,538 | 0.44\% |
|  | Muni | Unkn Rtg (Triparty) | 21,125,985 | 0.57\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 15,600,000 | 0.42\% |
|  | Treasury | Treasury | 5,563 | 0.00\% |
|  | Dealer Total |  | 3,724,571,388 | 100.00\% |
| Citigroup | ABS | AAA | 158,825,658 | 2.10\% |
|  |  | AA | 4,740,353 | 0.06\% |
|  |  | A | 55,064,678 | 0.73\% |
|  |  | BBB | 78,563,182 | 1.04\% |
|  |  | BB | 36,829,804 | 0.49\% |
|  |  | B | 149,830,041 | 1.98\% |
|  |  | D | 671,273 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 57,912,395 | 0.76\% |
|  | CMBS | Unkn Rtg (Triparty) | 69,007,654 | 0.91\% |
|  | Convertible Bonds-Domestic | A | 11,681,264 | 0.15\% |
|  |  | BB | 11,535,027 | 0.15\% |
|  |  | B | 24,364,688 | 0.32\% |
|  |  | Unkn Rtg (Triparty) | 478,381,668 | 6.32\% |
|  | Convertible Bonds-Foreign | A | Ps, | 140.50\% |
|  |  | BBB | 10,038,966 | 0.13\% |
|  |  | BB | 9,524,669 | 0.13\% |

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Convertible Bonds-Foreign (con't) | B | 51,560,517 | 0.68\% |
|  |  | Unkn Rtg (Triparty) | 709,291,816 | 9.37\% |
|  | Corporates-Domestic | AAA | 31,329,782 | 0.41\% |
|  |  | AA | 427,119 | 0.01\% |
|  |  | A | 26,854,279 | 0.35\% |
|  |  | BBB | 19,986,595 | 0.26\% |
|  |  | B | 71,144,187 | 0.94\% |
|  |  | Unkn Rtg (Triparty) | 173,862,536 | 2.30\% |
|  | Corporates-Foreign | A | 7,689,703 | 0.10\% |
|  |  | B | 1,194,430 | 0.02\% |
|  |  | CCC-C | 1,724,061 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 46,524,726 | 0.61\% |
|  | Equity-Domestic | Equity | 1,004,852,362 | 13.27\% |
|  | Equity-Foreign | Equity | 603,771,997 | 7.97\% |
|  | Foreign Sovereigns-Domestic | B | 1,425,250 | 0.02\% |
|  |  | CCC-C | 35,930,287 | 0.47\% |
|  |  | Unkn Rtg (Triparty) | 28,166,739 | 0.37\% |
|  | Foreign Sovereigns-Foreign | Unkn Rtg (Triparty) | 14,956 | 0.00\% |
|  | MBS - Private (CMO) | AA | 2,693,279 | 0.04\% |
|  |  | A | 6,773,200 | 0.09\% |
|  |  | BBB | 4,619,072 | 0.06\% |
|  |  | BB | 1,497,928 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 4,381,336 | 0.06\% |
|  | Muni | AAA | 60,332,202 | 0.80\% |
|  |  | AA | 60,406,435 | 0.80\% |
|  |  | A | 322,418,027 | 4.26\% |
|  |  | BBB | 221,264,631 | 2.92\% |
|  |  | BB | 212,894,723 | 2.81\% |
|  |  | B | 83,563,670 | 1.10\% |
|  |  | CCC-C | 177,773,993 | 2.35\% |
|  |  | D | 16,165,422 | 0.21\% |
|  |  | Unkn Rtg (Triparty) | 148,464,670 | 1.96\% |
|  | Mutual Fund | AAA | 1,740,425,000 | 22.98\% |
|  |  | Unkn Rtg (Triparty) | 498,194,048 | 6.58\% |
|  | Dealer Total |  | 7,572,798,928 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF Collateral Report for April 17 

William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan 04/20/2009 01:43 PM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for April 17:

- Total PDCF borrowing on Friday was $\$ 10.00$ billion, a $\$ 0.40$ billion decrease from Thursday.
- Bank of America is currently providing $\$ 3.30$ billion of collateral against $\$ 3.00$ billion of borrowing. As compared to Thursday, the decrease in convertible bond collateral ( $19.5 \%$ to $7.3 \%$ ) was balanced by an increase in ABS collateral ( $25.8 \%$ to $33.0 \%$ ) and MBS collateral ( $27.2 \%$ to $30.8 \%$ ).
- Citigroup remains the largest participant in the facility providing $\$ 7.60$ billion against $\$ 7.00$ billion of borrowing. Of this $\$ 7.60$ billion of collateral, $37.8 \%$ are investment grade securities, $11.8 \%$ are non-investment grade securities, $21.2 \%$ are equities, and $29.2 \%$ are securities of unknown rating.
- The $\$ 10.87$ billion of collateral provided by all participants was primarily composed of mutual funds (19.8\%), equities (17.0\%), ABS (15.0\%), and convertible bonds (12.8\%).

Regards,
Luke

Luke Fitzpatrick
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PDCF Charts and Tables - 20090417.doc

# Primary Dealer Credit Facility Collateral Report 

For Friday, April 17, 2009

## Highlights

- Total PDCF borrowing on Friday was $\$ 10.00$ billion, a $\$ 0.40$ billion decrease from Thursday.
- Bank of America is currently providing $\$ 3.30$ billion of collateral against $\$ 3.00$ billion of borrowing. As compared to Thursday, the decrease in convertible bond collateral ( $19.5 \%$ to $7.3 \%$ ) was balanced by an increase in ABS collateral ( $25.8 \%$ to $33.0 \%$ ) and MBS collateral ( $27.2 \%$ to $30.8 \%$ ).
- Citigroup remains the largest participant in the facility providing $\$ 7.60$ billion against $\$ 7.00$ billion of borrowing. Of this $\$ 7.60$ billion of collateral, $37.8 \%$ are investment grade securities, $11.8 \%$ are non-investment grade securities, $21.2 \%$ are equities, and $29.2 \%$ are securities of unknown rating.
- The $\$ 10.87$ billion of collateral provided by all participants was primarily composed of mutual funds ( $19.8 \%$ ), equities (17.0\%), ABS (15.0\%), and convertible bonds (12.8\%).

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 4 / 1 7 / 2 0 0 9}$ | $\mathbf{0 4 / 1 6 / 2 0 0 9}$ | $04 / 15 / 2009$ | $04 / 14 / 2009$ | $\mathbf{0 4 / 1 3 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 3.00 | 3.40 | 3.40 | 6.30 | 6.30 |
| Citigroup | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 |
| Total Borrowings | $\mathbf{1 0 . 0 0}$ | $\mathbf{1 0 . 4 0}$ | $\mathbf{1 0 . 4 0}$ | $\mathbf{1 3 . 3 0}$ | $\mathbf{1 3 . 3 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{1 0 . 8 7}$ | $\mathbf{1 1 . 3}$ | $\mathbf{1 1 . 3}$ | $\mathbf{1 4 . 3 9}$ | $\mathbf{1 4 . 3 8}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 7 0 \%}$ | $\mathbf{8 . 6 5 \%}$ | $\mathbf{8 . 6 5 \%}$ | $\mathbf{8 . 2 0 \%}$ | $\mathbf{8 . 1 2 \%}$ |

## PDCF Borrowing Trend



## Composition of Collateral Pledged for April 17 Borrowings - in millions

[^122]| Rating ${ }^{1}$ | Bank of America | Citigroup | Total |
| :--- | :---: | ---: | ---: |
| Treasury | - | - | - |
| Agency | 61.7 | - | 61.7 |
| AAA | - | $2,046.2$ | $2,046.2$ |
| AA | 93.6 | 31.3 | 124.8 |
| A | 96.9 | 456.6 | 553.5 |
| BBB | 102.1 | 275.5 | 377.6 |
| BB | 337.5 | 412.1 | 749.6 |
| B | 394.7 | 469.9 | 864.6 |
| CCC-C | $1,010.6$ | 215.2 | $1,225.8$ |
| D | 316.6 | 16.8 | 333.5 |
| A-1 | - | - | - |
| A-2 | - | - | - |
| A-3 | - | - | - |
| NP | - | - | - |
| Equity | 157.5 | $\mathbf{1 , 6 9 0 . 9}$ | $\mathbf{1 , 8 4 8 . 4}$ |
| Unkn Rtg (Triparty) | $\mathbf{7 2 9 . 6}$ | $\mathbf{1 , 9 5 9 . 5}$ | $\mathbf{2 , 6 8 9 . 0}$ |
| Unkn Rtg (non-Triparty) | - | - | - |
| Total Collateral | $\mathbf{3 , 3 0 0 . 8}$ | $\mathbf{7 , 5 7 4 . 0}$ | $\mathbf{1 0 , 8 7 4 . 8}$ |
| Total Borrowings | $\mathbf{3 , 0 0 0 . 0}$ | $\mathbf{7 , 0 0 . 0}$ | $\mathbf{1 0 , 0 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{1 0 . 0 3 \%}$ | $\mathbf{8 . 2 0 \%}$ | $\mathbf{8 . 7 5 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 5,563 | $0.00 \%$ |
| Agency | $61,708,263$ | $0.57 \%$ |
| AAA | $2,046,185,713$ | $18.82 \%$ |
| AA | $124,819,305$ | $1.15 \%$ |
| A | $553,491,139$ | $5.09 \%$ |
| BBB | $377,613,076$ | $3.47 \%$ |
| BB | $749,571,276$ | $6.89 \%$ |
| B | $864,620,594$ | $7.95 \%$ |
| CCC-C | $1,225,821,659$ | $11.27 \%$ |
| D | $333,487,741$ | $3.07 \%$ |
| Equity | $1,848,437,282$ | $17.00 \%$ |
| Unkn Rtg (Triparty) | $2,689,028,550$ | $24.73 \%$ |
| Total | $10,874,790,160$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $1,628,626,805$ | $14.98 \%$ |
| Agency Debt | $61,668,173$ | $0.57 \%$ |
| CMBS | $72,418,683$ | $0.67 \%$ |
| Convertible Bonds-Domestic | $567,548,369$ | $5.22 \%$ |
| Convertible Bonds-Foreign | $822,183,701$ | $7.56 \%$ |
| Corporates-Domestic | $975,461,986$ | $8.97 \%$ |
| Corporates-Foreign | $54,977,752$ | $0.51 \%$ |
| Equity-Domestic | $1,155,146,181$ | $10.62 \%$ |
| Equity-Foreign | $693,291,101$ | $6.38 \%$ |
| Foreign Sovereigns-Domestic | $193,849,143$ | $1.78 \%$ |
| Foreign Sovereigns-Foreign | $93,411,408$ | $0.86 \%$ |
| MBS - Agency - CMO | 40,090 | $0.00 \%$ |
| MBS - Private $(C M O)$ | $1,035,864,905$ | $9.53 \%$ |
| Muni | $1,368,978,346$ | $12.59 \%$ |
| Mutual Fund | $2,151,317,955$ | $19.78 \%$ |
| Treasury | 5,563 | $0.00 \%$ |
| Total | $10,874,790,160$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 93,565,745 | 2.83\% |
|  |  | A | 20,136,886 | 0.61\% |
|  |  | BBB | 5,204,852 | 0.16\% |
|  |  | BB | 224,896,590 | 6.81\% |
|  |  | B | 214,984,520 | 6.51\% |
|  |  | CCC-C | 320,134,211 | 9.70\% |
|  |  | D | 55,897,563 | 1.69\% |
|  |  | Unkn Rtg (Triparty) | 154,000,250 | 4.67\% |
|  | Agency Debt | Agency | 61,668,173 | 1.87\% |
|  | Convertible Bonds-Domestic | A | 13,498,379 | 0.41\% |
|  |  | BBB | 50,949,676 | 1.54\% |
|  |  | BB | 62,320,979 | 1.89\% |
|  |  | B | 9,651 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 112,774,133 | 3.42\% |
|  | Corporates-Domestic | BB | 35,858,350 | 1.09\% |
|  |  | CCC-C | 31,874,279 | 0.97\% |
|  |  | D | 223,233,146 | 6.76\% |
|  |  | Unkn Rtg (Triparty) | 409,546,381 | 12.41\% |
|  | Equity-Domestic | Equity | 157,542,753 | 4.77\% |
|  | MBS - Agency - CMO | Agency | 40,090 | 0.00\% |
|  | MBS - Private (CMO) | A | 63,241,067 | 1.92\% |
|  |  | BBB | 45,955,027 | 1.39\% |
|  |  | BB | 14,393,114 | 0.44\% |
|  |  | B | 179,730,809 | 5.45\% |
|  |  | CCC-C | 658,581,844 | 19.95\% |
|  |  | D | 37,513,719 | 1.14\% |
|  |  | Unkn Rtg (Triparty) | 16,515,937 | 0.50\% |
|  | Muni | Unkn Rtg (Triparty) | 21,126,401 | 0.64\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 15,600,000 | 0.47\% |
|  | Treasury | Treasury | 5,563 | 0.00\% |
|  | Dealer Total |  | 3,300,800,085 | 100.00\% |
| Citigroup | ABS | AAA | 158,831,276 | 2.10\% |
|  |  | AA | 4,740,353 | 0.06\% |
|  |  | A | 55,015,974 | 0.73\% |
|  |  | BBB | 36,601,320 | 0.48\% |
|  |  | BB | 76,165,381 | 1.01\% |
|  |  | B | 149,860,037 | 1.98\% |
|  |  | D | 672,739 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 57,919,109 | 0.76\% |
|  | CMBS | Unkn Rtg (Triparty) | 72,418,683 | 0.96\% |
|  | Convertible Bonds-Domestic | A | 11,611,842 | 0.15\% |
|  |  | BB | 11,616,953 | 0.15\% |
|  |  | B | 25,621,239 | 0.34\% |
|  |  | Unkn Rtg (Triparty) | 279,145,517 | 3.69\% |
|  | Convertible Bonds-Foreign | A | 38,185,092 | 0.50\% |
|  |  | BBB | 10,066,533 | 0.13\% |
|  |  | BB | 9,621,190 | 0.13\% |
|  |  | B | 50,736,268 | 0.67\% |
|  |  | Unkn Rtg (Triparty) | 193,5e4.16080 | 129.42\% |
|  | Corporates-Domestic | AAA | 3,018,207 | 0.04\% |
|  |  | AA | 425,857 | 0.01\% |

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## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Corporates-Domestic (con't) | A | 23,676,755 | 0.31\% |
|  |  | BBB | 2,962,760 | 0.04\% |
|  |  | B | 71,175,428 | 0.94\% |
|  |  | Unkn Rtg (Triparty) | 173,690,823 | 2.29\% |
|  | Corporates-Foreign | A | 7,697,898 | 0.10\% |
|  |  | CCC-C | 1,725,630 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 45,554,224 | 0.60\% |
|  | Equity-Domestic | Equity | 997,603,428 | 13.17\% |
|  | Equity-Foreign | Equity | 693,291,101 | 9.15\% |
|  | Foreign Sovereigns-Domes ic | BB | 5,753,052 | 0.08\% |
|  |  | B | 89,867,708 | 1.19\% |
|  |  | CCC-C | 35,588,632 | 0.47\% |
|  |  | Unkn Rtg (Triparty) | 62,639,750 | 0.83\% |
|  | Foreign Sovereigns-Foreign | BB | 93,396,433 | 1.23\% |
|  |  | Unkn Rtg (Triparty) | 14,976 | 000\% |
|  | MBS - Private (CMO) | AA | 2,681,240 | 0.04\% |
|  |  | A | 6,760,229 | 0.09\% |
|  |  | BBB | 4,609,577 | 0.06\% |
|  |  | BB | 1,501,074 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 4,381,268 | 0.06\% |
|  | Muni | AAA | 111,536,229 | 1.47\% |
|  |  | AA | 23,406,111 | 0.31\% |
|  |  | A | 313,667,017 | 4.14\% |
|  |  | BBB | 221,263,330 | 2.92\% |
|  |  | BB | 214,048,162 | 2.83\% |
|  |  | B | 82,634,933 | 1.09\% |
|  |  | CCC-C | 177,917,063 | 2.35\% |
|  |  | D | 16,170,573 | 0.21\% |
|  |  | Unkn Rtg (Triparty) | 187,208,526 | 2.47\% |
|  | Mutual Fund | AAA | 1,772,800,000 | 23.41\% |
|  |  | Unkn Rtg (Triparty) | 362,917,955 | 4.79\% |
|  | Dealer Total |  | 7,573,990,075 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF Collateral Report for April 20 

William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan
McLaughlin, William Walsh, Spence Hilton, Debby
$\qquad$

## RESTRICTED FR

Highlights for April 20:

- Total PDCF borrowing on Monday was $\$ 8.0$ billion, a decrease of $\$ 2.0$ billion from Friday.
- Bank of America's total borrowing within the program has dropped by $84.1 \%$ to $\$ 1.0$ billion throughout the past five days. Of the $\$ 1.1$ billion of collateral provided by Bank of America, $37.8 \%$ are corporate bonds, $30.0 \%$ are ABS, $15.9 \%$ are convertible bonds, and $12.8 \%$ are equities. As compared to Friday, Bank of America removed all of its MBS collateral for a decrease of $\$ 1.02$ billion. During the same time frame, Bank of America's ABS collateral decreased $70.6 \%$ from $\$ 1.09$ billion to $\$ 0.32$ billion.
- Citigroup remains the largest participant of the facility providing $\$ 7.6$ billion of collateral consisting primarily of equities ( $26.7 \%$ ), mutual funds ( $25.1 \%$ ), municipal bonds ( $21.1 \%$ ), and convertible bonds (15.4\%).
- Of the $\$ 8.66$ billion of collateral provided by all participants, $34.6 \%$ are investment grade securities, $12.2 \%$ are non-investment grade securities, $25.0 \%$ are equities, and $28.3 \%$ are securities with unknown ratings.

Regards,
Luke

Luke Fitzpatrick<br>Markets Group<br>Federal Reserve Bank of New York<br>Direct: (212) 720-2452



PDCF Charts and Tables - 20090420.doc

# Primary Dealer Credit Facility Collateral Report 

For Monday, April 20, 2009

## Highlights

- Total PDCF borrowing on Monday was $\$ 8.0$ billion, a decrease of $\$ 2.0$ billion from Friday.
- Bank of America's total borrowing within the program has dropped by $84.1 \%$ to $\$ 1.0$ billion throughout the past five days. Of the $\$ 1.1$ billion of collateral provided by Bank of America, $37.8 \%$ are corporate bonds, $30.0 \%$ are ABS, $15.9 \%$ are convertible bonds, and $12.8 \%$ are equities. As compared to Friday, Bank of America removed all of its MBS collateral for a decrease of $\$ 1.02$ billion. During the same time frame, Bank of America's ABS collateral decreased $70.6 \%$ from $\$ 1.09$ billion to $\$ 0.32$ billion.
- Citigroup remains the largest participant of the facility providing $\$ 7.6$ billion of collateral consisting primarily of equities ( $26.7 \%$ ), mutual funds ( $25.1 \%$ ), municipal bonds ( $21.1 \%$ ), and convertible bonds (15.4\%).
- Of the $\$ 8.66$ billion of collateral provided by all participants, $34.6 \%$ are investment grade securities, $12.2 \%$ are non-investment grade securities, $25.0 \%$ are equities, and $28.3 \%$ are securities with unknown ratings.
$\underline{\text { Overnight Borrowings - in billions }}$

| Dealer | $\mathbf{0 4 / 2 0 / 2 0 0 9}$ | $\mathbf{0 4 / 1 7 / 2 0 0 9}$ | $\mathbf{0 4 / 1 6 / 2 0 0 9}$ | $\mathbf{0 4 / 1 5 / 2 0 0 9}$ | $\mathbf{0 4 / 1 4 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 1.00 | 3.00 | 3.40 | 3.40 | 6.30 |
| Citigroup | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 |
| Total Borrowings | $\mathbf{8 . 0 0}$ | $\mathbf{1 0 . 0 0}$ | $\mathbf{1 0 . 4 0}$ | $\mathbf{1 0 . 4 0}$ | $\mathbf{1 3 . 3 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{8 . 6 6}$ | $\mathbf{1 0 . 8 7}$ | $\mathbf{1 1 . 3}$ | $\mathbf{1 1 . 3}$ | $\mathbf{1 4 . 3 9}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 2 5 \%}$ | $\mathbf{8 . 7 0 \%}$ | $\mathbf{8 . 6 5 \%}$ | $\mathbf{8 . 6 5 \%}$ | $\mathbf{8 . 2 0 \%}$ |

## PDCF Borrowing Trend



## Composition of Collateral Pledged for April 20 Borrowings - in millions

[^123]| Rating $^{1}$ | Bank of America | Citigroup | Total |
| :--- | ---: | ---: | ---: |
| Treasury | - | - | - |
| Agency | 0.9 | - | 0.9 |
| AAA | 8.6 | $1,719.5$ | $1,728.0$ |
| AA | 5.7 | 52.8 | 58.4 |
| A | 190.5 | 605.8 | 796.3 |
| BBB | 134.8 | 272.5 | 407.3 |
| BB | 97.0 | 286.5 | 383.5 |
| B | 24.3 | 378.6 | 402.9 |
| CCC-C | 55.1 | 1910 | 246.1 |
| D | 2.4 | 169 | 19.3 |
| A-1 | - | - | - |
| A-2 | - | - | - |
| A-3 | - | - | - |
| NP | - | - | - |
| Equity | 137.7 | $2,027.1$ | $2,164.8$ |
| Unkn Rtg (Triparty) | 417.0 | $2,030.6$ | $2,447.6$ |
| Unkn Rtg (non-Triparty) | - | - | - |
| Total Collateral | $\mathbf{1 , 0 7 4 . 0}$ | $\mathbf{7 , 5 8 1 . 2}$ | $\mathbf{8 , 6 5 5 . 1}$ |
| Total Borrowings | $\mathbf{1 , 0 0 0 . 0}$ | $\mathbf{7 , 0 0 0 . 0}$ | $\mathbf{8 , 0 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{7 . 4 0 \%}$ | $\mathbf{8 . 3 0 \%}$ | $\mathbf{8 . 1 9 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 5,563 | $0.00 \%$ |
| Agency | 925,249 | $0.01 \%$ |
| AAA | $1,728,042,389$ | $19.97 \%$ |
| AA | $58,445,567$ | $0.68 \%$ |
| A | $796,273,327$ | $9.20 \%$ |
| BBB | $407,339,775$ | $4.71 \%$ |
| BB | $383,467,676$ | $4.43 \%$ |
| B | $402,907,591$ | $4.66 \%$ |
| CCC-C | $246,114,791$ | $2.84 \%$ |
| D | $19,290,218$ | $0.22 \%$ |
| Equity | $2,164,766,979$ | $25.01 \%$ |
| Unkn Rtg (Triparty) | $2,447,562,334$ | $28.28 \%$ |
| Total | $8,655,141,458$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $794,392,210$ | $9.18 \%$ |
| Agency Debt | 925,249 | $0.01 \%$ |
| CMBS | $74,744,219$ | $0.86 \%$ |
| Convertible Bonds-Domestic | $500,544,245$ | $5.78 \%$ |
| Convertible Bonds-Foreign | $837,547,680$ | $9.68 \%$ |
| Corporates-Domestic | $628,967,569$ | $7.27 \%$ |
| Corporates-Foreign | $56,138,097$ | $0.65 \%$ |
| Equity-Domestic | $1,344,038,404$ | $15.53 \%$ |
| Equity-Foreign | $820,728,575$ | $9.48 \%$ |
| Foreign Sovereigns-Domestic | $39,112,140$ | $0.45 \%$ |
| Foreign Sovereigns-Foreign | 14,839 | $0.00 \%$ |
| MBS - Private (CMO) | $19,840,445$ | $0.23 \%$ |
| Muni | $1,620,753,919$ | $18.73 \%$ |
| Mutual Fund | $1,917,388,303$ | $22.15 \%$ |
| Treasury | 5,563 | $0.00 \%$ |
| Total | $8,655,141,458$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AAA | 8,574,303 | 0.80\% |
|  |  | AA | 5,662,950 | 0.53\% |
|  |  | A | 178,915,010 | 16.66\% |
|  |  | BBB | 77,606,381 | 7.23\% |
|  |  | BB | 15,542,891 | 1.45\% |
|  |  | B | 13,142,559 | 1.22\% |
|  |  | CCC-C | 22,341,616 | 2.08\% |
|  |  | Unkn Rtg (Triparty) | 24,276 | 0.00\% |
|  | Agency Debt | Agency | 925,249 | 0.09\% |
|  | Convertible Bonds-Domestic | A | 11,570,565 | 1.08\% |
|  |  | BBB | 57,217,318 | 5.33\% |
|  |  | BB | 45,423,998 | 4.23\% |
|  |  | B | 11,132,449 | 1.04\% |
|  |  | Unkn Rtg (Triparty) | 45,705,923 | 4.26\% |
|  | Corporates-Domestic | BB | 35,715,590 | 3.33\% |
|  |  | CCC-C | 32,768,033 | 3.05\% |
|  |  | D | 2,399,850 | 0.22\% |
|  |  | Unkn Rtg (Triparty) | 334,542,504 | 31.15\% |
|  | Equity-Domestic | Equity | 137,710,153 | 12.82\% |
|  | Muni | BB | 293,198 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 21,130,113 | 1.97\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 15,600,000 | 1.45\% |
|  | Treasury | Treasury | 5,563 | 0.00\% |
|  | Dealer Total |  | 1,073,950,491 | 100.00\% |
| Citigroup | ABS | AAA | 139,767,063 | 1.84\% |
|  |  | A | 47,609,646 | 0.63\% |
|  |  | BBB | 36,590,139 | 0.48\% |
|  |  | BB | 50,880,948 | 0.67\% |
|  |  | B | 139,115,991 | 1.84\% |
|  |  | D | 677,137 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 57,941,301 | 0.76\% |
|  | CMBS | Unkn Rtg (Triparty) | 74,744,219 | 0.99\% |
|  | Convertible Bonds-Domestic | A | 11,334,375 | 0.15\% |
|  |  | BB | 11,659,655 | 0.15\% |
|  |  | B | 25,791,517 | 0.34\% |
|  |  | Unkn Rtg (Triparty) | 280,708,445 | 3.70\% |
|  | Convertible Bonds-Foreign | A | 38,451,860 | 0.51\% |
|  |  | BBB | 10,080,938 | 0.13\% |
|  |  | BB | 9,273,987 | 0.12\% |
|  |  | B | 58,754,466 | 0.78\% |
|  |  | Unkn Rtg (Triparty) | 720,986,429 | 9.51\% |
|  | Corporates-Domestic | AA | 428,832 | 0.01\% |
|  |  | A | 18,467,992 | 0.24\% |
|  |  | B | 71,217,006 | 0.94\% |
|  |  | Unkn Rtg (Triparty) | 133,427,763 | 1.76\% |
|  | Corporates-Foreign | A | 7,616,499 | 0.10\% |
|  |  | BB | 19,459 | 0.00\% |
|  |  | B | 1,183,281 | 0.02\% |
|  |  | CCC-C | Page 4 45050 | 120.02\% |
|  |  | D | 27,202 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 45,567,081 | 0.60\% |

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## Collateral Composition by Dealer (continued)

| Collateral |  | Reating | Dollar Value | \% Total |
| :--- | :--- | :--- | ---: | ---: |
| Citigroup (con't) | Equity-Domestic | Equity | $1,206,328,251$ | $15.91 \%$ |
|  | Equity-Foreign | Equity | $820,728,575$ | $10.83 \%$ |
|  | Foreign Sovereigns-Domes ic | CCC-C | $10,919,108$ | $0.14 \%$ |
|  | Unkn Rtg (Triparty) | $28,193,032$ | $0.37 \%$ |  |
|  | Foreign Sovereigns-Foreign | AAA | 11 | $000 \%$ |
|  | Unkn Rtg (Triparty) | 14,828 | $000 \%$ |  |
|  | MBS - Private (CMO) | AA | $2,664,170$ | $0004 \%$ |
|  | A | $6,711,058$ | $0.09 \%$ |  |
|  | BBB | $4,594,222$ | $0.06 \%$ |  |
|  | BB | $1,489,800$ | $0.02 \%$ |  |
|  | Unkn Rtg (Triparty) | $4,381,196$ | $0.06 \%$ |  |
|  | AAA | $155,101,012$ | $2.05 \%$ |  |
|  | AA | $49,689,615$ | $0.66 \%$ |  |
|  | A | $475,596,323$ | $6.27 \%$ |  |
|  | BBB | $221,250,778$ | $2.92 \%$ |  |
|  | Muni | $213,168,151$ | $2.81 \%$ |  |
|  | B | $82,570,324$ | $1.09 \%$ |  |
|  | CCC-C | $178,361,458$ | $2.35 \%$ |  |
|  | D | $16,186,028$ | $0.21 \%$ |  |
|  | Unkn Rtg (Triparty) | $207,406,920$ | $2.74 \%$ |  |
|  | AAA | $1,424,600,000$ | $18.79 \%$ |  |
|  | Unkn Rtg (Triparty) | $477,188,303$ | $6.29 \%$ |  |
|  |  | $7,581,190,967$ | $100.00 \%$ |  |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF Collateral Report for April 21 

William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan 04/22/2009 11:07 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for April 21:

- Total PDCF borrowing on Tuesday was $\$ 8.10$ billion, a $\$ 0.10$ billion increase from Monday.
- Bank of America is currently providing $\$ 1.2$ billion of collateral consisting primarily of municipal bonds (23.3\%), corporate bonds (22.2\%), ABS (19.4\%), and convertible bonds (18.7\%). As compared to Monday, this represents a decrease in the proportion of corporate bond collateral ( $37.8 \%$ to $22.2 \%$ ) and ABS collateral ( $30.0 \%$ to $19.4 \%$ ). As a consequence there was an increase in the proportion of municipal bond collateral (2.0\% to 23.3\%) and MBS collateral ( $0.0 \%$ to $4.2 \%$ ).
- Citigroup remains the largest participant in the facility providing $\$ 7.6$ billion of collateral against $\$ 7.0$ billion of borrowing. $\$ 2.5$ billion of Citigroup's total borrowing is through its London broker/dealer. Of the $\$ 7.6$ billion of collateral, $38.3 \%$ are investment grade securities, $16.5 \%$ are non-investment grade securities, $20.3 \%$ are equities, and $24.9 \%$ are securities of unknown rating.
- Of the $\$ 8.75$ billion of collateral provided by all participants, $23.7 \%$ are municipal bonds, $21.5 \%$ are mutual funds, $19.0 \%$ are equities, and $12.5 \%$ are convertible bonds.

Regards,
Luke

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PDCF Charts and Tables - 20090421.doc

# Primary Dealer Credit Facility Collateral Report 

For Tuesday, April 21, 2009

## Highlights

- Total PDCF borrowing on Tuesday was $\$ 8.10$ billion, a $\$ 0.10$ billion increase from Monday.
- Bank of America is currently providing $\$ 1.2$ billion of collateral consisting primarily of municipal bonds ( $23.3 \%$ ), corporate bonds ( $22.2 \%$ ), ABS ( $19.4 \%$ ), and convertible bonds ( $18.7 \%$ ). As compared to Monday, this represents a decrease in the proportion of corporate bond collateral ( $37.8 \%$ to $22.2 \%$ ) and ABS collateral ( $30.0 \%$ to $19.4 \%$ ). As a consequence there was an increase in the proportion of municipal bond collateral ( $2.0 \%$ to $23.3 \%$ ) and MBS collateral ( $0.0 \%$ to $4.2 \%$ ).
- Citigroup remains the largest participant in the facility providing $\$ 7.6$ billion of collateral against $\$ 7.0$ billion of borrowing. $\$ 2.5$ billion of Citigroup's total borrowing is through its London broker/dealer. Of the $\$ 7.6$ billion of collateral, $38.3 \%$ are investment grade securities, $16.5 \%$ are non-investment grade securities, $20.3 \%$ are equities, and $24.9 \%$ are securities of unknown rating.
- Of the $\$ 8.75$ billion of collateral provided by all participants, $23.7 \%$ are municipal bonds, $21.5 \%$ are mutual funds, $19.0 \%$ are equities, and $12.5 \%$ are convertible bonds.

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 4 / 2 1 / 2 0 0 9}$ | $\mathbf{0 4 / 2 0 / 2 0 0 9}$ | $\mathbf{0 4 / 1 7 / 2 0 0 9}$ | $\mathbf{0 4 / 1 6 / 2 0 0 9}$ | $\mathbf{0 4 / 1 5 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 1.10 | 1.00 | 3.00 | 3.40 | 3.40 |
| Citigroup | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 |
| Total Borrowings | 8.10 | $\mathbf{8 . 0 0}$ | $\mathbf{1 0 . 0 0}$ | $\mathbf{1 0 . 4 0}$ | $\mathbf{1 0 . 4 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{8 . 7 5}$ | $\mathbf{8 . 6 6}$ | $\mathbf{1 0 . 8 7}$ | $\mathbf{1 1 . 3}$ | $\mathbf{1 1 . 3}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 0 2 \%}$ | $\mathbf{8 . 2 5 \%}$ | $\mathbf{8 . 7 0 \%}$ | $\mathbf{8 . 6 5 \%}$ | $\mathbf{8 . 6 5 \%}$ |

## PDCF Borrowing Trend



Composition of Collateral Pledged for April 21 Borrowings - in millions

[^124]| Rating $^{1}$ | Bank of America | Citigroup | Total |
| :--- | ---: | ---: | ---: |
| Treasury | - | 1.3 | 1.3 |
| Agency | 0.9 | - | 0.9 |
| AAA | 47.7 | 1,7459 | $1,793.6$ |
| AA | 92.3 | 167.1 | 259.4 |
| A | 120.0 | 6300 | 750.0 |
| BBB | 155.1 | 357.7 | 512.8 |
| BB | 230.9 | 447.5 | 678.3 |
| B | 13.2 | 5009 | 514.1 |
| CCC-C | 72.0 | 2722 | 344.2 |
| D | - | 24.3 | 24.3 |
| $\mathrm{~A}-1$ | - | - | - |
| A-2 | - | - | - |
| A-3 | - | - | - |
| NP | - | - | - |
| Equity | 128.8 | $1,534.4$ | $1,663.2$ |
| Unkn Rtg (Triparty) | 323.1 | $\mathbf{1 , 8 8 7 . 1}$ | $2,210.3$ |
| Unkn Rtg (non-Triparty) | - | - | - |
| Total Collateral | $\mathbf{1 , 1 8 4 . 0}$ | $\mathbf{7 , 5 6 8 . 4}$ | $\mathbf{8 , 7 5 2 . 5}$ |
| Total Borrowings | $\mathbf{1 , 1 0 0 . 0}$ | $\mathbf{7 , 0 0 0 . 0}$ | $\mathbf{8 , 1 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{7 . 6 4 \%}$ | $\mathbf{8 . 1 2 \%}$ | $\mathbf{8 . 0 6 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | $1,261,010$ | $0.01 \%$ |
| Agency | 907,104 | $0.01 \%$ |
| AAA | $1,793,592,281$ | $20.49 \%$ |
| AA | $259,392,034$ | $2.96 \%$ |
| A | $750,045,564$ | $8.57 \%$ |
| BBB | $512,781,620$ | $5.86 \%$ |
| BB | $678,342,390$ | $7.75 \%$ |
| B | $514,110,087$ | $5.87 \%$ |
| CCC-C | $344,249,894$ | $3.93 \%$ |
| D | $24,294,322$ | $0.28 \%$ |
| Equity | $1,663,209,765$ | $19.00 \%$ |
| Unkn Rtg (Triparty) | $2,210,272,164$ | $25.25 \%$ |
| Total | $8,752,458,234$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $731,616,048$ | $8.36 \%$ |
| Agency Debt | 907,104 | $0.01 \%$ |
| CMBS | $75,139,231$ | $0.86 \%$ |
| Convertible Bonds-Domestic | $535,461,780$ | $6.12 \%$ |
| Convertible Bonds-Foreign | $557,247,767$ | $6.37 \%$ |
| Corporates-Domestic | $636,728,613$ | $7.27 \%$ |
| Corporates-Foreign | $130,248,045$ | $1.49 \%$ |
| Equity-Domestic | $1,073,163,576$ | $12.26 \%$ |
| Equity-Foreign | $590,046,189$ | $6.74 \%$ |
| FDCB | 389,571 | $0.00 \%$ |
| Foreign Sovereigns-Domestic | $234,682,074$ | $2.68 \%$ |
| Foreign Sovereigns-Foreign | $108,943,420$ | $1.24 \%$ |
| MBS - Private $(C M O)$ | $121,602,148$ | $1.39 \%$ |
| Muni | $2,078,028,865$ | $23.74 \%$ |
| Mutual Fund | $1,876,992,794$ | $21.45 \%$ |
| Treasury | $1,261,010$ | $0.01 \%$ |
| Total | $8,752,458,234$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AAA | 8,578,167 | 0.72\% |
|  |  | AA | 8,227,204 | 0.69\% |
|  |  | A | 34,209,713 | 2.89\% |
|  |  | BBB | 77,586,013 | 6.55\% |
|  |  | BB | 15,569,725 | 1.31\% |
|  |  | B | 13,166,284 | 1.11\% |
|  |  | CCC-C | 72,038,054 | 6.08\% |
|  |  | Unkn Rtg (Triparty) | 23,737 | 0.00\% |
|  | Agency Debt | Agency | 907,104 | 0.08\% |
|  | Convertible Bonds-Domestic | A | 11,550,817 | 0.98\% |
|  |  | BBB | 26,058,807 | 2.20\% |
|  |  | BB | 44,109,002 | 3.73\% |
|  |  | Unkn Rtg (Triparty) | 139,135,167 | 11.75\% |
|  | Corporates-Domestic | BB | 170,791,447 | 14.42\% |
|  |  | Unkn Rtg (Triparty) | 92,080,841 | 7.78\% |
|  | Equity-Domestic | Equity | 128,813,868 | 10.88\% |
|  | FDCB | AAA | 389,571 | 0.03\% |
|  | MBS - Private (CMO) | BBB | 49,202,808 | 4.16\% |
|  | Muni | AAA | 38,764,900 | 3.27\% |
|  |  | AA | 84,025,011 | 7.10\% |
|  |  | A | 74,253,934 | 6.27\% |
|  |  | BBB | 2,266,544 | 0.19\% |
|  |  | BB | 393,198 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 76,291,880 | 6.44\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 15,600,000 | 1.32\% |
|  | Treasury | Treasury | 4,885 | 0.00\% |
|  | Dealer Total |  | 1,184,038,680 | 100.00\% |
| Citigroup | ABS | AAA | 139,316,295 | 1.84\% |
|  |  | AA | 261,382 | 0.00\% |
|  |  | A | 48,436,353 | 0.64\% |
|  |  | BBB | 59,930,567 | 0.79\% |
|  |  | BB | 55,968,835 | 0.74\% |
|  |  | B | 139,080,161 | 1.84\% |
|  |  | CCC-C | 599,171 | 0.01\% |
|  |  | D | 678,603 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 57,945,783 | 0.77\% |
|  | CMBS | Unkn Rtg (Triparty) | 75,139,231 | 0.99\% |
|  | Convertible Bonds-Domestic | A | 11,389,267 | 0.15\% |
|  |  | BB | 11,497,967 | 0.15\% |
|  |  | B | 25,835,967 | 0.34\% |
|  |  | Unkn Rtg (Triparty) | 265,884,784 | 3.51\% |
|  | Convertible Bonds-Foreign | A | 6,269,192 | 0.08\% |
|  |  | BBB | 2,657,334 | 0.04\% |
|  |  | BB | 5,768,958 | 0.08\% |
|  |  | B | 46,440,443 | 0.61\% |
|  |  | Unkn Rtg (Triparty) | 496,111,841 | 6.56\% |
|  | Corporates-Domestic | AAA | 31,499,936 | 0.42\% |
|  |  | AA | 1,054,150 | 0.01\% |
|  |  | A | 12abe916090 | 130.36\% |
|  |  | BBB | 17,039,717 | 0.23\% |
|  |  | BB | 31,415,009 | 0.42\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Corporates-Domestic (con't) | B | 97,661,922 | 1.29\% |
|  |  | CCC-C | 1,158,244 | 0.02\% |
|  |  | D | 5,377,152 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 161,290,585 | 2.13\% |
|  | Corporates-Foreign | AAA | 604,856 | 0 01\% |
|  |  | AA | 938,885 | $001 \%$ |
|  |  | A | 7,754,797 | 0.10\% |
|  |  | BB | 10,590,220 | 0.14\% |
|  |  | B | 19,352,327 | 0.26\% |
|  |  | CCC-C | 55,188,654 | 0.73\% |
|  |  | D | 364,377 | $000 \%$ |
|  |  | Unkn Rtg (Triparty) | 35,453,929 | 0.47\% |
|  | Equity-Domestic | Equity | 944,349,709 | 12.48\% |
|  | Equity-Foreign | Equity | 590,046,189 | 7.80\% |
|  | Foreign Sovereigns-Domes ic | AA | 39,316,741 | 0.52\% |
|  |  | BBB | 286,503 | $000 \%$ |
|  |  | BB | 5,895,583 | 0.08\% |
|  |  | B | 89,974,541 | 1.19\% |
|  |  | CCC-C | 36,515,160 | 0.48\% |
|  |  | Unkn Rtg (Triparty) | 62,693,545 | 0.83\% |
|  | Foreign Sovereigns-Foreign | AAA | 864,121 | 001\% |
|  |  | BB | 108,064,606 | 1.43\% |
|  |  | Unkn Rtg (Triparty) | 14,694 | 000\% |
|  | MBS - Private (CMO) | AAA | 316,937 | $000 \%$ |
|  |  | AA | 11,478,788 | 0.15\% |
|  |  | A | 11,418,739 | 0.15\% |
|  |  | BBB | 40,323,741 | 0.53\% |
|  |  | BB | 4,480, 158 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 4,380,977 | 0.06\% |
|  | Muni | AAA | 196,482,498 | 2.60\% |
|  |  | AA | 114,089,873 | 1.51\% |
|  |  | A | 517,403, 144 | 6.84\% |
|  |  | BBB | 237,429,585 | 3.14\% |
|  |  | BB | 213,797,682 | 2.82\% |
|  |  | B | 82,598,441 | 1.09\% |
|  |  | CCC-C | 178,750,610 | 2.36\% |
|  |  | D | 17,874,190 | 0.24\% |
|  |  | Unkn Rtg (Triparty) | 243,607,376 | 3.22\% |
|  | Mutual Fund | AAA | 1,376,775,000 | 18.19\% |
|  |  | Unkn Rtg (Triparty) | 484,617,794 | 6.40\% |
|  | Treasury | Treasury | 1,256,125 | 0.02\% |
|  | Dealer Total |  | 7,568,419,554 | 100.00\% |

## RESTRICTED-FR

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

## RESTRICTED FR

Highlights for April 22:

- Total PDCF borrowing on Wednesday was $\$ 8.00$ billion, a $\$ 0.10$ billion decline from Tuesday.
- Bank of America is currently providing $\$ 1.08$ billion of collateral against $\$ 1.0$ billion of borrowing. Bank of America's collateral consists primarily of corporate bonds (41.5\%), convertible bonds (20.2\%), ABS (13.9\%), and equities ( $12.0 \%$ ). As compared to Wednesday, this represents a shift away from municipal bonds ( $23.3 \%$ to $2.0 \%$ ) and ABS ( $19.4 \%$ to $13.9 \%$ ). In response to these changes, collateral shifted towards corporate bonds ( $22.2 \%$ to $41.5 \%$ ) and MBS ( $4.2 \%$ to $8.9 \%$ ).
- Citigroup remains the largest participant in the facility providing $\$ 7.6$ billion of collateral against $\$ 7.0$ billion of borrowing. $\$ 2.5$ billion of Citigroup's total borrowing is through its London broker/dealer. Citigroup's collateral consists primarily of mutual funds (25.9\%), municipal bonds ( $21.6 \%$ ), and equities ( $21.3 \%$ ).
- Of the $\$ 8.6$ billion of collateral provided by all participants, $34.5 \%$ are investment grade securities, $18.7 \%$ are non-investment grade securities, $20.1 \%$ are equities, and $26.6 \%$ are securities with unknown ratings.

Regards,
Luke


PDCF Charts and Tables - 20090422 .doc

# Primary Dealer Credit Facility Collateral Report 

For Wednesday, April 22, 2009

## Highlights

- Total PDCF borrowing on Wednesday was $\$ 8.00$ billion, a $\$ 0.10$ billion decline from Tuesday.
- Bank of America is currently providing $\$ 1.08$ billion of collateral against $\$ 1.0$ billion of borrowing. Bank of America's collateral consists primarily of corporate bonds (41.5\%), convertible bonds (20.2\%), ABS (13.9\%), and equities ( $12.0 \%$ ). As compared to Wednesday, this represents a shift away from municipal bonds ( $23.3 \%$ to $2.0 \%$ ) and $\operatorname{ABS}(19.4 \%$ to $13.9 \%)$. In response to these changes, collateral shifted towards corporate bonds ( $22.2 \%$ to $41.5 \%$ ) and MBS ( $4.2 \%$ to $8.9 \%$ ).
- Citigroup remains the largest participant in the facility providing $\$ 7.6$ billion of collateral against $\$ 7.0$ billion of borrowing. $\$ 2.5$ billion of Citigroup's total borrowing is through its London broker/dealer. Citigroup's collateral consists primarily of mutual funds ( $25.9 \%$ ), municipal bonds ( $21.6 \%$ ), and equities ( $21.3 \%$ ).
- Of the $\$ 8.6$ billion of collateral provided by all participants, $34.5 \%$ are investment grade securities, $18.7 \%$ are non-investment grade securities, $20.1 \%$ are equities, and $26.6 \%$ are securities with unknown ratings.

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 4 / 2 2 / 2 0 0 9}$ | $\mathbf{0 4 / 2 1 / 2 0 0 9}$ | $\mathbf{0 4 / 2 0 / 2 0 0 9}$ | $\mathbf{0 4 / 1 7 / 2 0 0 9}$ | $\mathbf{0 4 / 1 6 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 1.00 | 1.10 | 1.00 | 3.00 | 3.40 |
| Citigroup | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 |
| Total Borrowings | $\mathbf{8 . 0 0}$ | $\mathbf{8 . 1 0}$ | $\mathbf{8 . 0 0}$ | $\mathbf{1 0 . 0 0}$ | $\mathbf{1 0 . 4 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{8 . 6 5}$ | $\mathbf{8 . 7 5}$ | $\mathbf{8 . 6 6}$ | $\mathbf{1 0 . 8 7}$ | $\mathbf{1 1 . 3}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 1 3 \%}$ | $\mathbf{8 . 0 2 \%}$ | $\mathbf{8 . 2 5 \%}$ | $\mathbf{8 . 7 0 \%}$ | $\mathbf{8 . 6 5 \%}$ |

## PDCF Borrowing Trend



## Composition of Collateral Pledged for April 22 Borrowings - in millions

[^125]| Rating ${ }^{1}$ | Bank of America | Citigroup | Total |
| :---: | :---: | :---: | :---: |
| Treasury | - |  |  |
| Agency | 0.3 | - | 0.3 |
| AAA | - | 1,820.7 | 1,820.7 |
| AA | 73.4 | 125.6 | 199.0 |
| A | 11.6 | 585.8 | 597.4 |
| BBB | 25.5 | 3439 | 369.4 |
| BB | 336.1 | 4029 | 739.0 |
| B | 38.5 | 4552 | 493.7 |
| CCC-C | 124.5 | 235.1 | 359.6 |
| D | 2.4 | 25.4 | 27.8 |
| A-1 | - | - | - |
| A-2 | - | - |  |
| A-3 | - | - | - |
| NP | - | - | - |
| Equity | 130.1 | 1,609.4 | 1,739.5 |
| Unkn Rtg (Triparty) | 335.4 | 1,965.8 | 2,301.2 |
| Unkn Rtg (non-Triparty) | - | - |  |
| Total Collateral | 1,077.8 | 7,569.9 | 8,647.7 |
| Total Borrowings | 1,000.0 | 7,000.0 | 8,000.0 |
| Collateral Cushion | 7.78\% | 8.14\% | 8.10\% |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Agency | 302,557 | $0.00 \%$ |
| AAA | $1,820,714,039$ | $21.05 \%$ |
| AA | $199,041,131$ | $2.30 \%$ |
| A | $597,426,769$ | $6.91 \%$ |
| BBB | $369,428,999$ | $4.27 \%$ |
| BB | $739,017,701$ | $8.55 \%$ |
| B | $493,692,708$ | $5.71 \%$ |
| CCC-C | $359,611,938$ | $4.16 \%$ |
| D | $27,787,795$ | $0.32 \%$ |
| Equity | $1,739,493,368$ | $20.12 \%$ |
| Unkn Rtg (Triparty) | $2,301,218,273$ | $26.61 \%$ |
| Total | $8,647,735,275$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $680,875,450$ | $7.87 \%$ |
| Agency Debt | 302,557 | $0.00 \%$ |
| CMBS | $73,713,474$ | $0.85 \%$ |
| Convertible Bonds-Domestic | $537,770,967$ | $6.22 \%$ |
| Convertible Bonds-Foreign | $635,870,661$ | $7.35 \%$ |
| Corporates-Domestic | $759,390,713$ | $8.78 \%$ |
| Corporates-Foreign | $73,117,137$ | $0.85 \%$ |
| Equity-Domestic | $1,135,884,546$ | $13.14 \%$ |
| Equity-Foreign | $603,608,821$ | $6.98 \%$ |
| Foreign Sovereigns-Domestic | $234,696,370$ | $2.71 \%$ |
| Foreign Sovereigns-Foreign | $108,412,992$ | $1.25 \%$ |
| MBS - Private (CMO) | $173,481,737$ | $2.01 \%$ |
| Muni | $1,654,482,432$ | $19.13 \%$ |
| Mutual Fund | $1,976,127,417$ | $22.85 \%$ |
| Total | $8,647,735,275$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 73,415,949 | 6.81\% |
|  |  | BB | 14,105,776 | 1.31\% |
|  |  | B | 809 | 0.00\% |
|  |  | CCC-C | 34,443,754 | 3.20\% |
|  |  | Unkn Rtg (Triparty) | 27,700,244 | 2.57\% |
|  | Agency Debt | Agency | 302,557 | 0.03\% |
|  | Convertible Bonds-Domestic | A | 11,582,737 | 1.07\% |
|  |  | BBB | 25,545,201 | 2.37\% |
|  |  | BB | 44,142,985 | 4.10\% |
|  |  | Unkn Rtg (Triparty) | 136,039,199 | 12.62\% |
|  | Corporates-Domestic | BB | 277,555,237 | 25.75\% |
|  |  | CCC-C | 32,819,817 | 3.05\% |
|  |  | D | 2,363,413 | 0.22\% |
|  |  | Unkn Rtg (Triparty) | 134,913,113 | 12.52\% |
|  | Equity-Domestic | Equity | 130,062,429 | 12.07\% |
|  | MBS - Private (CMO) | AAA | 25,318 | 0.00\% |
|  |  | B | 38,538,882 | 3.58\% |
|  |  | CCC-C | 57,205,045 | 5.31\% |
|  | Muni | BB | 293,198 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 21,137,444 | 1.96\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 15,600,000 | 1.45\% |
|  | Dealer Total |  | 1,077,793,106 | 100.00\% |
| Citigroup | ABS | AAA | 158,731,515 | 2.10\% |
|  |  | AA | 5,002,789 | 0.07\% |
|  |  | A | 53,140,864 | 0.70\% |
|  |  | BBB | 60,004,710 | 0.79\% |
|  |  | BB | 55,991,712 | 0.74\% |
|  |  | B | 139,104,146 | 1.84\% |
|  |  | CCC-C | 600,643 | 0.01\% |
|  |  | D | 680,069 | 0.01\% |
|  |  | Unkn Rtg (Triparty) | 57,952,470 | 0.77\% |
|  | CMBS | Unkn Rtg (Triparty) | 73,713,474 | 0.97\% |
|  | Convertible Bonds-Domestic | A | 11,406,752 | 0.15\% |
|  |  | BB | 11,439,920 | 0.15\% |
|  |  | B | 25,670,496 | 0.34\% |
|  |  | Unkn Rtg (Triparty) | 271,943,677 | 3.59\% |
|  | Convertible Bonds-Foreign | A | 6,291,956 | 0.08\% |
|  |  | BBB | 2,661,482 | 0.04\% |
|  |  | BB | 5,751,357 | 0.08\% |
|  |  | B | 43,870,050 | 0.58\% |
|  |  | Unkn Rtg (Triparty) | 577,295,816 | 7.63\% |
|  | Corporates-Domestic | AAA | 31,329,782 | 0.41\% |
|  |  | AA | 383,520 | 0.01\% |
|  |  | A | 23,676,445 | 0.31\% |
|  |  | BBB | 13,721,791 | 0.18\% |
|  |  | B | 71,312,233 | 0.94\% |
|  |  | CCC-C | 1,159,158 | 0.02\% |
|  |  | D | 5,140,193 | 0.07\% |
|  |  | Unkn Rtg (Triparty) | 10¢, Qe6, 1000f 202.18\% |  |
|  | Corporates-Foreign | A | 7,567,144 | 0.10\% |
|  |  | B | 1,154,262 | 0.02\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup (con't) | Corporates-Foreign (con't) | CCC-C | 18,614,956 | 0.25\% |
|  |  | D | 402,412 | 001\% |
|  |  | Unkn Rtg (Triparty) | 45,378,363 | 0.60\% |
|  | Equity-Domestic | Equity | 1,005,822,117 | 13.29\% |
|  | Equity-Foreign | Equity | 603,608,821 | 7.97\% |
|  | Foreign Sovereigns-Domes ic | AA | 39,870,459 | 0.53\% |
|  |  | BBB | 286,524 | 000\% |
|  |  | BB | 5,891,817 | $008 \%$ |
|  |  | B | 89,885,000 | 1.19\% |
|  |  | CCC-C | 36,080,516 | 0.48\% |
|  |  | Unkn Rtg (Triparty) | 62,682,054 | 0.83\% |
|  | Foreign Sovereigns-Foreign | BB | 108,399,779 | 1.43\% |
|  |  | Unkn Rtg (Triparty) | 13,213 | 000\% |
|  | MBS - Private (CMO) | AAA | 318,919 | $000 \%$ |
|  |  | AA | 11,588,586 | 0.15\% |
|  |  | A | 11,479,640 | 0.15\% |
|  |  | BBB | 43,598,438 | 0.58\% |
|  |  | BB | 4,493,213 | 006\% |
|  |  | Unkn Rtg (Triparty) | 6,233,697 | 008\% |
|  | Muni | AAA | 154,558,504 | 2.04\% |
|  |  | AA | 68,779,828 | 0.91\% |
|  |  | A | 472,281,231 | 6.24\% |
|  |  | BBB | 223,610,852 | 2.95\% |
|  |  | BB | 210,952,707 | 2.79\% |
|  |  | B | 84,156,830 | 1.11\% |
|  |  | CCC-C | 178,688,049 | 2.36\% |
|  |  | D | 19,201,707 | 0.25\% |
|  |  | Unkn Rtg (Triparty) | 220,822,082 | 2.92\% |
|  | Mutual Fund | AAA | 1,475,750,000 | 19.49\% |
|  |  | Unkn Rtg (Triparty) | 484,777,417 | 6.40\% |
|  | Dealer Total |  | 7,569,942,169 | 100.00\% |

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

## RESTRICTED FR

Highlights for April 23:

- Total PDCF borrowing on Thursday was $\$ 8.00$ billion, unchanged from Wednesday.
- Bank of America is currently providing $\$ 1.08$ billion of collateral against $\$ 1.00$ billion of borrowing. As compared to Wednesday, Bank of America's collateral has shifted away from equities ( $12.1 \%$ to $0.0 \%$ ) and convertible bonds ( $20.2 \%$ to $16.7 \%$ ) and towards corporate bonds ( $41.5 \%$ to $54.5 \%$ ) and ABS (13.9\% to 21.1\%).
- Citigroup, through its London broker/dealer, borrowed $\$ 2.5$ billion against $\$ 2.7$ billion of collateral. Citigroup London's $\$ 2.7$ billion of collateral consists primarily of convertible bonds ( $35.2 \%$ ), equities (34.9\%), and sovereign debt (12.3\%).
- Citigroup, combined with its London broker/dealer, remains the largest participant of the facility providing a collective $\$ 7.6$ billion of collateral against $\$ 7.0$ billion of borrowing. Of Citigroup's $\$ 7.6$ billion of collateral, $38.3 \%$ are investment grade securities, $13.5 \%$ are non-investment grade securities, $23.0 \%$ are equities, and $25.2 \%$ are securities of unknown ratings.
- Of the $\$ 8.64$ billion of collateral provided by all participants, $35.3 \%$ are investment grade securities, $18.7 \%$ are non-investment grade securities, $20.1 \%$ are equities, and $25.9 \%$ are securities with unknown ratings.

Regards,
Luke

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PDCF Charts and Tables - 20090423.doc

## Primary Dealer Credit Facility Collateral Report

For Thursday, April 23, 2009

## Highlights

- Total PDCF borrowing on Thursday was $\$ 8.00$ billion, unchanged from Wednesday.
- Bank of America is currently providing $\$ 1.08$ billion of collateral against $\$ 1.00$ billion of borrowing. As compared to Wednesday, Bank of America's collateral has shifted away from equities ( $12.1 \%$ to $0.0 \%$ ) and convertible bonds ( $20.2 \%$ to $16.7 \%$ ) and towards corporate bonds ( $41.5 \%$ to $54.5 \%$ ) and $\operatorname{ABS}(13.9 \%$ to $21.1 \%)$.
- Citigroup, through its London broker/dealer, borrowed $\$ 2.5$ billion against $\$ 2.7$ billion of collateral. Citigroup London's $\$ 2.7$ billion of collateral consists primarily of convertible bonds ( $35.2 \%$ ), equities ( $34.9 \%$ ), and sovereign debt ( $12.3 \%$ ).
- Citigroup, combined with its London broker/dealer, remains the largest participant of the facility providing a collective $\$ 7.6$ billion of collateral against $\$ 7.0$ billion of borrowing. Of Citigroup's $\$ 7.6$ billion of collateral, $38.3 \%$ are investment grade securities, $13.5 \%$ are non-investment grade securities, $23.0 \%$ are equities, and $25.2 \%$ are securities of unknown ratings.
- Of the $\$ 8.64$ billion of collateral provided by all participants, $35.3 \%$ are investment grade securities, $18.7 \%$ are non-investment grade securities, $20.1 \%$ are equities, and $25.9 \%$ are securities with unknown ratings.

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 4 / 2 3 / 2 0 0 9}$ | $\mathbf{0 4 / 2 2 / 2 0 0 9}$ | $\mathbf{0 4 / 2 1 / 2 0 0 9}$ | $\mathbf{0 4 / 2 0 / 2 0 0 9}$ | $\mathbf{0 4 / 1 7 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 1.00 | 1.00 | 1.10 | 1.00 | 3.00 |
| Citigroup | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 |
| Citigroup - London | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| Total Borrowings | $\mathbf{8 . 0 0}$ | $\mathbf{8 . 0 0}$ | $\mathbf{8 . 1 0}$ | $\mathbf{8 . 0 0}$ | $\mathbf{1 0 . 0 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{8 . 6 4}$ | $\mathbf{8 . 6 5}$ | $\mathbf{8 . 7 5}$ | $\mathbf{8 . 6 6}$ | $\mathbf{1 0 . 8 7}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 0 0 \%}$ | $\mathbf{8 . 1 3 \%}$ | $\mathbf{8 . 0 2 \%}$ | $\mathbf{8 . 2 5 \%}$ | $\mathbf{8 . 7 0 \%}$ |

## PDCF Borrowing Trend



## Composition of Collateral Pledged for April 23 Borrowings - in millions

[^126]| Rating $^{1}$ | Bank of America | Citigroup | Citigroup - London | Total |
| :--- | ---: | ---: | ---: | ---: |
| Treasury | - | - | - | - |
| Agency | 0.3 | - | - | 0.3 |
| AAA | 8.6 | $2,011.0$ | 8.8 | $2,028.4$ |
| AA | 1.9 | 43.3 | 37.2 | 82.4 |
| $A$ | 13.6 | 496.5 | 46.2 | 556.4 |
| BBB | 129.8 | 243.0 | 12.1 | 384.9 |
| BB | 495.6 | 238.2 | 142.6 | 876.4 |
| B | 28.1 | 268.0 | 164.9 | 461.0 |
| CCC-C | 45.1 | 149.9 | 36.2 | 231.1 |
| D | 26.7 | 19.2 | 0.9 | 46.8 |
| A-1 | - | - | - | - |
| A-2 | - | - | - | - |
| A-3 | - | - | - | - |
| NP | - | - | - |  |
| Equity | - | 785.6 | 955.4 | $1,741.0$ |
| Unkn Rtg (Triparty) | 329.1 | 573.2 | $\mathbf{1 , 3 3 3 . 8}$ | $2,236.1$ |
| Unkn Rtg (non-Triparty) | - | - | - | - |
| Total Collateral | $\mathbf{1 , 0 7 8 . 7}$ | $\mathbf{4 , 8 2 8 . 0}$ | $\mathbf{2 , 7 3 8 . 1}$ | $\mathbf{8 , 6 4 4 . 8}$ |
| Total Borrowings | $\mathbf{1 , 0 0 0 . 0}$ | $\mathbf{4 , 5 0 0 . 0}$ | $\mathbf{2 , 5 0 0 . 0}$ | $\mathbf{8 , 0 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{7 . 8 7 \%}$ | $\mathbf{7 . 2 9 \%}$ | $\mathbf{9 . 5 2 \%}$ | $\mathbf{8 . 0 6 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 4,885 | $0.00 \%$ |
| Agency | 300,033 | $0.00 \%$ |
| AAA | $2,028,433,316$ | $23.46 \%$ |
| AA | $82,352,744$ | $0.95 \%$ |
| A | $556,369,853$ | $6.44 \%$ |
| BBB | $384,942,240$ | $4.45 \%$ |
| BB | $876,404,340$ | $10.14 \%$ |
| B | $461,002,376$ | $5.33 \%$ |
| CCC-C | $231,125,949$ | $2.67 \%$ |
| D | $46,772,969$ | $0.54 \%$ |
| Equity | $1,741,027,510$ | $20.14 \%$ |
| Unkn Rtg (Triparty) | $2,236,062,244$ | $25.87 \%$ |
| Total | $8,644,798,458$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $728,568,468$ | $8.43 \%$ |
| Agency Debt | 300,033 | $0.00 \%$ |
| CMBS | $67,451,835$ | $0.78 \%$ |
| Convertible Bonds-Domestic | $499,295,223$ | $5.78 \%$ |
| Convertible Bonds-Foreign | $643,614,537$ | $7.45 \%$ |
| Corporates-Domestic | $842,467,938$ | $9.75 \%$ |
| Corporates-Foreign | $56,599,019$ | $0.65 \%$ |
| Equity-Domestic | $1,080,563,366$ | $12.50 \%$ |
| Equity-Foreign | $660,464,145$ | $7.64 \%$ |
| FDCB | 104,263 | $0.00 \%$ |
| FDMN | 342,367 | $0.00 \%$ |
| Foreign Sovereigns-Domestic | $227,773,776$ | $2.63 \%$ |
| Foreign Sovereigns-Foreign | $108,962,203$ | $1.26 \%$ |
| MBS - Private (CMO) | $77,206,022$ | $0.89 \%$ |
| Muni | $1,435,016,087$ | $16.60 \%$ |
| Mutual Fund | $2,216,064,292$ | $25.63 \%$ |
| Treasury | 4,885 | $0.00 \%$ |
| Total | $8,644,798,458$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AAA | 8,585,895 | 0.80\% |
|  |  | AA | 1,868,105 | 0.17\% |
|  |  | A | 13,635,570 | 1.26\% |
|  |  | BBB | 80,515,232 | 7.46\% |
|  |  | BB | 93,848,819 | 8.70\% |
|  |  | B | 28,058,253 | 2.60\% |
|  |  | CCC-C | 15,892 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 890,967 | 0.08\% |
|  | Agency Debt | Agency | 300,033 | 0.03\% |
|  | Convertible Bonds-Domestic | Unkn Rtg (Triparty) | 180,015,465 | 16.69\% |
|  | Corporates-Domestic | BB | 401,498,636 | 37.22\% |
|  |  | CCC-C | 32,576,939 | 3.02\% |
|  |  | D | 26,680,587 | 2.47\% |
|  |  | Unkn Rtg (Triparty) | 127,050,330 | 11.78\% |
|  | MBS - Private (CMO) | BBB | 49,255,232 | 4.57\% |
|  |  | CCC-C | 12,485,180 | 1.16\% |
|  | Muni | BB | 293,198 | 0.03\% |
|  |  | Unkn Rtg (Triparty) | 21,140,501 | 1.96\% |
|  | Treasury | Treasury | 4,885 | 0.00\% |
|  | Dealer Total |  | 1,078,719,718 | 100.00\% |
| Citigroup | ABS | AAA | 171,957,262 | 3.56\% |
|  |  | AA | 4,741,508 | 0.10\% |
|  |  | A | 48,344,820 | 1.00\% |
|  |  | BBB | 37,051,460 | 0.77\% |
|  |  | BB | 41,891,872 | 0.87\% |
|  |  | B | 138,567,941 | 2.87\% |
|  |  | Unkn Rtg (Triparty) | 28,696,688 | 0.59\% |
|  | Corporates-Domestic | AA | 24,674 | 0.00\% |
|  |  | A | 10,801,123 | 0.22\% |
|  |  | B | 71,562,259 | 1.48\% |
|  |  | Unkn Rtg (Triparty) | 35,901,336 | 0.74\% |
|  | Equity-Domestic | Equity | 785,643,412 | 16.27\% |
|  | FDCB | AAA | 104,263 | 0.00\% |
|  | FDMN | AAA | 342,367 | 0.01\% |
|  | Muni | AAA | 111,294,272 | 2.31\% |
|  |  | AA | 38,492,000 | 0.80\% |
|  |  | A | 437,374,047 | 9.06\% |
|  |  | BBB | 205,990,670 | 4.27\% |
|  |  | BB | 196,298,391 | 4.07\% |
|  |  | B | 57,898,893 | 1.20\% |
|  |  | CCC-C | 149,892,096 | 3.10\% |
|  |  | D | 19,206,858 | 0.40\% |
|  |  | Unkn Rtg (Triparty) | 196,953,296 | 4.08\% |
|  | Mutual Fund | AAA | 1,727,325,000 | 35.78\% |
|  |  | Unkn Rtg (Triparty) | 311,655,112 | 6.46\% |
|  | Dealer Total |  | 4,828,011,619 | 100.00\% |
| Citigroup - London | ABS | AAA | 8,789,710 | 0.32\% |
|  |  | AA | 32,474 | 0.00\% |
|  |  | A | Pageril5\%f | 4 0.25\% |
|  |  | BBB | 4,559,966 | 0.17\% |
|  |  | BB | 8,758,482 | 0.32\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup - London (con't) | ABS (con't) | B | 37,168 | 0 00\% |
|  |  | CCC-C | 147,296 | 001\% |
|  |  | D | 681,535 | 002\% |
|  | CMBS | Unkn Rtg (Triparty) | 67,451,835 | 2.46\% |
|  | Convertible Bonds-Domestic | A | 11,390, 177 | 0.42\% |
|  |  | BB | 11,461,830 | 0.42\% |
|  |  | B | 25,981,569 | 095\% |
|  |  | Unkn Rtg (Triparty) | 270,446,181 | 988\% |
|  | Convertible Bonds-Foreign | A | 6,462, 154 | 0 24\% |
|  |  | BBB | 2,668,871 | 0.10\% |
|  |  | BB | 5,777,695 | 0 21\% |
|  |  | B | 47,447,733 | 1.73\% |
|  |  | Unkn Rtg (Triparty) | 581,258,085 | 2123\% |
|  | Corporates-Domestic | A | 7,126,224 | 0 26\% |
|  |  | B | 49,731 | 000\% |
|  |  | Unkn Rtg (Triparty) | 129,196,099 | 4.72\% |
|  | Corporates-Foreign | A | 7,602,794 | $028 \%$ |
|  |  | BB | 248,375 | 001\% |
|  |  | B | 1,241,838 | 005\% |
|  |  | CCC-C | 1,720,705 | 006\% |
|  |  | D | 203,988 | $001 \%$ |
|  |  | Unkn Rtg (Triparty) | 45,581,319 | 1.66\% |
|  | Equity-Domestic | Equity | 294,919,954 | 10.77\% |
|  | Equity-Foreign | Equity | 660,464,145 | 24.12\% |
|  | Foreign Sovereigns-Domes ic | AA | 34,575,733 | 126\% |
|  |  | BBB | 286,545 | 001\% |
|  |  | BB | 5,920,960 | 0 22\% |
|  |  | B | 89,975,125 | 329\% |
|  |  | CCC-C | 34,287,840 | 125\% |
|  |  | Unkn Rtg (Triparty) | 62,727,572 | $229 \%$ |
|  | Foreign Sovereigns-Foreign | AAA | 34,546 | $000 \%$ |
|  |  | BB | 108,914,377 | 398\% |
|  |  | Unkn Rtg (Triparty) | 13,279 | $000 \%$ |
|  | MBS - Private (CMO) | AA | 2,618,249 | 0.10\% |
|  |  | A | 6,741,393 | 0 25\% |
|  |  | BBB | 4,614,265 | 0.17\% |
|  |  | BB | 1,491,704 | 005\% |
|  | Muni | B | 181,866 | $001 \%$ |
|  | Mutual Fund | Unkn Rtg (Triparty) | 177,084,180 | 6.47\% |
|  | Dealer Total |  | 2,738,067,121 | 100 00\% |

## Notes

## RESTRICTED-FR

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF Collateral Report for April 24 

William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan 04/27/2009 11:01 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

## Highlights for April 24:

- Total PDCF borrowing on Friday remained at $\$ 8.00$ billion, unchanged over the last two days.
- Bank of America is currently providing $\$ 1.07$ billion against $\$ 1.00$ billion of borrowing. Bank of America's collateral consists primarily of corporate bonds (54.35\%), convertible bonds (20.7\%), and MBS (8.7\%). As compared to Thursday, this represents a shift away from ABS ( $21.1 \%$ to $0.7 \%$ ) and towards equities ( $0.0 \%$ to $6.3 \%$ ), municipal bonds ( $2.0 \%$ to $7.9 \%$ ), convertible bonds ( $16.7 \%$ to $20.7 \%$ ), and MBS ( $5.7 \%$ to $8.7 \%$ ).
- Citigroup, combined with its London broker/dealer, remains the largest participant of the facility providing a collective $\$ 7.6$ billion of collateral against $\$ 7.0$ billion of borrowing. Of the $\$ 7.6$ billion of collateral, $37.8 \%$ are investment grade securities, $11.9 \%$ are non-investment grade securities, $25.2 \%$ are equities, and $25.2 \%$ are securities of unknown rating.
- Of the $\$ 8.64$ billion of collateral provided by all participants, $33.8 \%$ are investment grade securities, $16.7 \%$ are non-investment grade securities, $22.9 \%$ are equities, and $26.7 \%$ are securities with unknown ratings.

Regards,
Luke

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PDCF Charts and Tables - 20090424.doc

# Primary Dealer Credit Facility Collateral Report 

For Friday, April 24, 2009

## Highlights

- Total PDCF borrowing on Friday remained at $\$ 8.00$ billion, unchanged over the last two days.
- Bank of America is currently providing $\$ 1.07$ billion against $\$ 1.00$ billion of borrowing. Bank of America's collateral consists primarily of corporate bonds ( $54.35 \%$ ), convertible bonds ( $20.7 \%$ ), and MBS ( $8.7 \%$ ). As compared to Thursday, this represents a shift away from $\operatorname{ABS}(21.1 \%$ to $0.7 \%)$ and towards equities $(0.0 \%$ to $6.3 \%)$, municipal bonds $(2.0 \%$ to $7.9 \%)$, convertible bonds ( $16.7 \%$ to $20.7 \%$ ), and MBS ( $5.7 \%$ to $8.7 \%$ ).
- Citigroup, combined with its London broker/dealer, remains the largest participant of the facility providing a collective $\$ 7.6$ billion of collateral against $\$ 7.0$ billion of borrowing. Of the $\$ 7.6$ billion of collateral, $37.8 \%$ are investment grade securities, $11.9 \%$ are non-investment grade securities, $25.2 \%$ are equities, and $25.2 \%$ are securities of unknown rating.
- Of the $\$ 8.64$ billion of collateral provided by all participants, $33.8 \%$ are investment grade securities, $16.7 \%$ are non-investment grade securities, $22.9 \%$ are equities, and $26.7 \%$ are securities with unknown ratings.

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 4 / 2 4 / 2 0 0 9}$ | $\mathbf{0 4 / 2 3 / 2 0 0 9}$ | $\mathbf{0 4 / 2 2 / 2 0 0 9}$ | $\mathbf{0 4 / 2 1 / 2 0 0 9}$ | $\mathbf{0 4 / 2 0 / 2 0 0 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 1.00 | 1.00 | 1.00 | 1.10 | 1.00 |
| Citigroup | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 |
| Citigroup - London | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| Total Borrowings | $\mathbf{8 . 0 0}$ | $\mathbf{8 . 0 0}$ | $\mathbf{8 . 0 0}$ | $\mathbf{8 . 1 0}$ | $\mathbf{8 . 0 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{8 . 6 4}$ | $\mathbf{8 . 6 4}$ | $\mathbf{8 . 6 5}$ | $\mathbf{8 . 7 5}$ | $\mathbf{8 . 6 6}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 0 0 \%}$ | $\mathbf{8 . 0 0 \%}$ | $\mathbf{8 . 1 3 \%}$ | $\mathbf{8 . 0 2 \%}$ | $\mathbf{8 . 2 5 \%}$ |

## PDCF Borrowing Trend



## Composition of Collateral Pledged for April 24 Borrowings - in millions

[^127]| Rating ${ }^{1}$ | Bank of America | Citigroup | Citigroup - London | Total |
| :--- | ---: | ---: | ---: | ---: |
| Treasury | - | - | - | - |
| Agency | 0.3 | - | - | 0.3 |
| AAA | 14.3 | $1,985.9$ | 8.8 | $2,009.0$ |
| AA | 23.9 | 65.7 | 2.6 | 92.3 |
| A | 18.6 | 490.0 | 42.9 | 551.5 |
| BBB | 0.7 | 253.1 | 9.4 | 263.3 |
| BB | 404.3 | 224.2 | 60.9 | 689.3 |
| B | 44.2 | 261.3 | 157.1 | 462.7 |
| CCC-C | 81.8 | 141.2 | 36.0 | 259.1 |
| D | 20.9 | 12.6 | 0.7 | 34.3 |
| A-1 | - | - | - | - |
| A-2 | - | - | - | - |
| A-3 | - | - | - | - |
| NP | - | - | - | - |
| Equity | 68.1 | 841.2 | $1,065.7$ | $1,975.0$ |
| Unkn Rtg (Triparty) | $\mathbf{3 9 6 . 5}$ | 551.0 | $\mathbf{1 , 3 5 7 . 2}$ | $\mathbf{2 , 3 0 4 . 7}$ |
| Unkn Rtg (non-Triparty) | - | - | - | $-\mathbf{l}$ |
| Total Collateral | $\mathbf{1 , 0 7 3 . 6}$ | $\mathbf{4 , 8 2 6 . 4}$ | $\mathbf{2 , 7 4 1 . 3}$ | $\mathbf{8 , 6 4 1 . 3}$ |
| Total Borrowings | $\mathbf{1 , 0 0 0 . 0}$ | $\mathbf{4 , 5 0 0 . 0}$ | $\mathbf{2 , 5 0 0 . 0}$ | $\mathbf{8 , 0 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{7 . 3 6 \%}$ | $\mathbf{7 . 2 5 \%}$ | $\mathbf{9 . 6 5 \%}$ | $\mathbf{8 . 0 2 \%}$ |

Collateral Value and Rating Distribution by Dealer


Page 5 of 20

Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Agency | 286,942 | $0.00 \%$ |
| AAA | $2,008,984,581$ | $23.25 \%$ |
| AA | $92,286,837$ | $1.07 \%$ |
| A | $551,491,328$ | $6.38 \%$ |
| BBB | $263,270,174$ | $3.05 \%$ |
| BB | $689,342,141$ | $7.98 \%$ |
| B | $462,683,554$ | $5.35 \%$ |
| CCC-C | $259,060,847$ | $3.00 \%$ |
| D | $34,254,830$ | $0.40 \%$ |
| Equity | $1,974,974,289$ | $22.86 \%$ |
| Unkn Rtg (Triparty) | $2,304,680,686$ | $26.67 \%$ |
| Total | $8,641,316,208$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $470,657,607$ | $5.45 \%$ |
| Agency Debt | 286,942 | $0.00 \%$ |
| CMBS | $70,115,001$ | $0.81 \%$ |
| Convertible Bonds-Domestic | $544,222,829$ | $6.30 \%$ |
| Convertible Bonds-Foreign | $653,510,906$ | $7.56 \%$ |
| Corporates-Domestic | $894,476,302$ | $10.35 \%$ |
| Corporates-Foreign | $53,835,981$ | $0.62 \%$ |
| Equity-Domestic | $1,235,858,517$ | $14.30 \%$ |
| Equity-Foreign | $739,115,772$ | $8.55 \%$ |
| FDCB | 104,350 | $0.00 \%$ |
| FDMN | 345,466 | $0.00 \%$ |
| Foreign Sovereigns-Domestic | $192,736,520$ | $2.23 \%$ |
| Foreign Sovereigns-Foreign | $27,644,121$ | $0.32 \%$ |
| MBS - Private $(C M O)$ | $106,472,413$ | $1.23 \%$ |
| Muni | $1,468,856,813$ | $17.00 \%$ |
| Mutual Fund | $2,183,076,669$ | $25.26 \%$ |
| Total | $8,641,316,208$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AAA | 5,416,086 | 0.50\% |
|  |  | A | 1,011,824 | 0.09\% |
|  |  | BB | 599,787 | 0.06\% |
|  |  | CCC-C | 15,892 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 25,913 | 0.00\% |
|  | Agency Debt | Agency | 286,942 | 0.03\% |
|  | Convertible Bonds-Domestic | Unkn Rtg (Triparty) | 221,797,240 | 20.66\% |
|  | Corporates-Domestic | BB | 403,272,576 | 37.56\% |
|  |  | CCC-C | 32,535,638 | 3.03\% |
|  |  | D | 20,929,639 | 1.95\% |
|  |  | Unkn Rtg (Triparty) | 126,576,362 | 11.79\% |
|  | Equity-Domestic | Equity | 68,086,344 | 6.34\% |
|  | MBS - Private (CMO) | B | 44,222,349 | 4.12\% |
|  |  | CCC-C | 49,253,246 | 4.59\% |
|  | Muni | AAA | 8,904,937 | 0.83\% |
|  |  | AA | 23,906,266 | 2.23\% |
|  |  | A | 17,575,346 | 1.64\% |
|  |  | BBB | 719,836 | 0.07\% |
|  |  | BB | 393,198 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 32,501,045 | 3.03\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 15,600,000 | 1.45\% |
|  | Dealer Total |  | 1,073,630,464 | 100.00\% |
| Citigroup | ABS | AAA | 163,774,899 | 3.39\% |
|  |  | AA | 4,741,508 | 0.10\% |
|  |  | A | 48,344,820 | 1.00\% |
|  |  | BBB | 37,069,829 | 0.77\% |
|  |  | BB | 41,904,554 | 0.87\% |
|  |  | B | 138,587,377 | 2.87\% |
|  | Corporates-Domestic | AAA | 32,448,454 | 0.67\% |
|  |  | AA | 24,668 | 0.00\% |
|  |  | A | 12,577,775 | 0.26\% |
|  |  | BBB | 18,241,886 | 0.38\% |
|  |  | BB | 5,210,000 | 0.11\% |
|  |  | B | 71,592,424 | 1.48\% |
|  |  | Unkn Rtg (Triparty) | 35,901,593 | 0.74\% |
|  | Equity-Domestic | Equity | 841,218,744 | 17.43\% |
|  | FDCB | AAA | 104,350 | 0.00\% |
|  | FDMN | AAA | 345,466 | 0.01\% |
|  | Muni | AAA | 111,224,949 | 2.30\% |
|  |  | AA | 60,982,000 | 1.26\% |
|  |  | A | 429,079,724 | 8.89\% |
|  |  | BBB | 197,826,810 | 4.10\% |
|  |  | BB | 177,081,294 | 3.67\% |
|  |  | B | 51,167,953 | 1.06\% |
|  |  | CCC-C | 141,244,736 | 2.93\% |
|  |  | D | 12,642,190 | 0.26\% |
|  |  | Unkn Rtg (Triparty) | 203,424,173 | 4.21\% |
|  | Mutual Fund | AAA | 1,677,966,072 | 34.77\% |
|  |  | Unkn Rtg (Triparty) | P3nges50 \% $20 \quad 6.46 \%$ |  |
|  | Dealer Total |  | 4,826,383,431 | 100.00\% |
| Citigroup - London | ABS | AAA | 8,799,368 | 0.32\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Citigroup - London (con't) | ABS (con't) | A | 6,372,420 | 0.23\% |
|  |  | BBB | 4,543,046 | 0.17\% |
|  |  | BB | 8,767,283 | 0.32\% |
|  |  | D | 683,001 | 0.02\% |
|  | CMBS | Unkn Rtg (Triparty) | 70,115,001 | 2.56\% |
|  | Convertible Bonds-Domestic | A | 11,216,729 | 0.41\% |
|  |  | BB | 11,497,272 | 0.42\% |
|  |  | B | 17,547,557 | 0.64\% |
|  |  | Unkn Rtg (Triparty) | 282,164,031 | 10.29\% |
|  | Convertible Bonds-Foreign | A | 6,243,273 | 0.23\% |
|  |  | BBB | 2,675,131 | 0.10\% |
|  |  | BB | 5,892,867 | 0.21\% |
|  |  | B | 48,171,506 | 1.76\% |
|  |  | Unkn Rtg (Triparty) | 590,528,128 | 21.54\% |
|  | Corporates-Domestic | A | 7,126,756 | 0.26\% |
|  |  | Unkn Rtg (Triparty) | 128,038,533 | 4.67\% |
|  | Corporates-Foreign | A | 5,269,020 | 0.19\% |
|  |  | B | 1,162,782 | 0.04\% |
|  |  | CCC-C | 1,706,921 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 45,697,259 | 1.67\% |
|  | Equity-Domestic | Equity | 326,553,429 | 11.91\% |
|  | Equity-Foreign | Equity | 739,115,772 | 26.96\% |
|  | Foreign Sovereigns-Domes ic | BB | 5,595,361 | 0.20\% |
|  |  | B | 90,049,250 | 3.28\% |
|  |  | CCC-C | 34,304,415 | 1.25\% |
|  |  | Unkn Rtg (Triparty) | 62,787,494 | 2.29\% |
|  | Foreign Sovereigns-Foreign | BB | 27,630,803 | 1.01\% |
|  |  | Unkn Rtg (Triparty) | 13,317 | 0.00\% |
|  | MBS - Private (CMO) | AA | 2,632,395 | 0.10\% |
|  |  | A | 6,673,641 | 0.24\% |
|  |  | BBB | 2,193,636 | 0.08\% |
|  |  | BB | 1,497,146 | 0.05\% |
|  | Muni | B | 182,357 | 0.01\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 177,855,413 | 6.49\% |
|  | Dealer Total |  | 2,741,302,313 | 100.00\% |

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

## RESTRICTED FR

Highlights for April 27:

- Total PDCF borrowing on Monday was $\$ 2.95$ billion, a decrease of $\$ 5.05$ billion from Friday. This represents the smallest amount of PDCF borrowing since September 11, 2008.
- On Monday, all of Citigroup's $\$ 2.05$ billion of borrowing was through its London broker/dealer. Of the $\$ 2.25$ billion of collateral provided, $2.2 \%$ are investment grade securities, $8.3 \%$ are non-investment grade securities, $37.6 \%$ are equities, and $51.9 \%$ are securities of unknown rating. Of the $51.9 \%$ of collateral which have unknown ratings, roughly $46.6 \%$ these securities are equities with the remainder being sovereign debt, corporate bonds, global depository receipts, and various fixed income security classes.
- Bank of America is currently providing $\$ 0.96$ billion of collateral against $\$ 0.90$ billion of borrowing. Bank of America's collateral consists primarily of corporate bonds (29.6\%), municipal bonds (28.1\%), convertible bonds ( $23.6 \%$ ) and ABS ( $9.9 \%$ ). As compared to Friday, Bank of America's collateral has shifted away from corporate bonds ( $54.3 \%$ to $29.6 \%$ ) and MBS ( $8.7 \%$ to $0.0 \%$ ) and towards municipal bonds ( $7.8 \%$ to $28.1 \%$ ) and ABS ( $0.6 \%$ to $9.9 \%$ ).
- Total PDCF collateral provided by all participants consists primarily of convertible bonds (35.9\%), equities (28.4\%), corporate bonds (14.5\%), and municipal bonds (8.4\%).

Regards,
Luke

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PDCF Charts and Tables - 20090427.doc

# Primary Dealer Credit Facility Collateral Report 

For Monday, April 27, 2009

## Highlights

- Total PDCF borrowing on Monday was $\$ 2.95$ billion, a decrease of $\$ 5.05$ billion from Friday. This represents the smallest amount of PDCF borrowing since September 11, 2008.
- On Monday, all of Citigroup's $\$ 2.05$ billion of borrowing was through its London broker/dealer. Of the $\$ 2.25$ billion of collateral provided, $2.2 \%$ are investment grade securities, $8.3 \%$ are non-investment grade securities, $37.6 \%$ are equities, and $51.9 \%$ are securities of unknown rating. Of the $51.9 \%$ of collateral which have unknown ratings, roughly $46.6 \%$ these securities are equities with the remainder being sovereign debt, corporate bonds, global depository receipts, and various fixed income security classes.
- Bank of America is currently providing $\$ 0.96$ billion of collateral against $\$ 0.90$ billion of borrowing. Bank of America's collateral consists primarily of corporate bonds ( $29.6 \%$ ), municipal bonds ( $28.1 \%$ ), convertible bonds ( $23.6 \%$ ) and ABS ( $9.9 \%$ ). As compared to Friday, Bank of America's collateral has shifted away from corporate bonds ( $54.3 \%$ to $29.6 \%$ ) and MBS ( $8.7 \%$ to $0.0 \%$ ) and towards municipal bonds ( $7.8 \%$ to $28.1 \%$ ) and $\mathrm{ABS}(0.6 \%$ to $9.9 \%$ ).
- Total PDCF collateral provided by all participants consists primarily of convertible bonds ( $35.9 \%$ ), equities ( $28.4 \%$ ), corporate bonds (14.5\%), and municipal bonds (8.4\%).


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 4 / 2 7 / 2 0 0 9}$ | $\mathbf{0 4 / 2 4 / 2 0 0 9}$ | $\mathbf{0 4 / 2 3 / 2 0 0 9}$ | $\mathbf{0 4 / 2 2 / 2 0 0 9}$ | $\mathbf{0 4 / 2 1 / 2 0 0 9}$ |
| :--- | :---: | ---: | ---: | ---: | ---: |
| Bank of America | 0.90 | 1.00 | 1.00 | 1.00 | 1.10 |
| Citigroup | - | 4.50 | 4.50 | 4.50 | 4.50 |
| Citigroup - London | 2.05 | 2.50 | 2.50 | 2.50 | 2.50 |
| Total Borrowings | $\mathbf{2 . 9 5}$ | $\mathbf{8 . 0 0}$ | $\mathbf{8 . 0 0}$ | $\mathbf{8 . 0 0}$ | $\mathbf{8 . 1 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{3 . 2 1}$ | $\mathbf{8 . 6 4}$ | $\mathbf{8 . 6 4}$ | $\mathbf{8 . 6 5}$ | $\mathbf{8 . 7 5}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 8 1 \%}$ | $\mathbf{8 . 0 0 \%}$ | $\mathbf{8 . 0 0 \%}$ | $\mathbf{8 . 1 3 \%}$ | $\mathbf{8 . 0 2 \%}$ |

## PDCF Borrowing Trend



## Composition of Collateral Pledged for April 27 Borrowings - in millions

[^128]| Rating $^{1}$ | Bank of America | Citigroup - London | Total |
| :--- | ---: | ---: | ---: |
| Treasury | - | - | - |
| Agency | 0.3 | - | 0.3 |
| AAA | 37.9 | 8.9 | 46.7 |
| AA | 182.8 | 2.7 | 185.4 |
| A | 68.5 | 26.5 | 95.0 |
| BBB | 3.4 | 11.9 | 15.4 |
| BB | 79.4 | 28.0 | 107.4 |
| B | 19.3 | 124.0 | 143.3 |
| CCC-C | 32.1 | 33.9 | 66.0 |
| D | 29.2 | - | 29.2 |
| A-1 | - | - | - |
| A-2 | - | - | - |
| A-3 | - | - | - |
| NP | - | - | - |
| Equity | 68.1 | 843.4 | 911.5 |
| Unkn Rtg (Triparty) | 442.1 | $\mathbf{1 , 1 6 6 . 1}$ | $\mathbf{1 , 6 0 8 . 2}$ |
| Unkn Rtg (non-Triparty) | - | - | - |
| Total Collateral | $\mathbf{9 6 3 . 0}$ | $\mathbf{2 , 2 4 5 . 4}$ | $\mathbf{3 , 2 0 8 . 4}$ |
| Total Borrowings | $\mathbf{9 0 0 . 0}$ | $\mathbf{2 , 0 5 0 . 0}$ | $\mathbf{2 , 9 5 0 . 0}$ |
| Collateral Cushion | $\mathbf{7 . 0 0 \%}$ | $\mathbf{9 . 5 3 \%}$ | $\mathbf{8 . 7 6 \%}$ |

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## Collateral Value and Rating Distribution by Dealer



Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 4,885 | $0.00 \%$ |
| Agency | 288,426 | $0.01 \%$ |
| AAA | $46,737,666$ | $1.46 \%$ |
| AA | $185,422,757$ | $5.78 \%$ |
| A | $95,017,697$ | $2.96 \%$ |
| BBB | $15,360,421$ | $0.48 \%$ |
| BB | $107,394,607$ | $3.35 \%$ |
| B | $143,262,509$ | $4.47 \%$ |
| CCC-C | $66,010,072$ | $2.06 \%$ |
| D | $29,229,368$ | $0.91 \%$ |
| Equity | $911,468,940$ | $28.41 \%$ |
| Unkn Rtg (Triparty) | $1,608,247,668$ | $50.13 \%$ |
| Total | $3,208,445,016$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $124,741,126$ | $3.89 \%$ |
| Agency Debt | 288,426 | $0.01 \%$ |
| CMBS | $68,314,859$ | $2.13 \%$ |
| Convertible Bonds-Domestic | $535,410,955$ | $16.69 \%$ |
| Convertible Bonds-Foreign | $617,455,618$ | $19.24 \%$ |
| Corporates-Domestic | $412,157,402$ | $12.85 \%$ |
| Corporates-Foreign | $54,473,816$ | $1.70 \%$ |
| Equity-Domestic | $386,326,418$ | $12.04 \%$ |
| Equity-Foreign | $525,142,522$ | $16.37 \%$ |
| FDCB | 388,750 | $0.01 \%$ |
| Foreign Sovereigns-Domestic | $142,751,541$ | $4.45 \%$ |
| Foreign Sovereigns-Foreign | 13,544 | $0.00 \%$ |
| MBS - Private (CMO) | $15,556,515$ | $0.48 \%$ |
| Muni | $270,808,637$ | $8.44 \%$ |
| Mutual Fund | $54,610,003$ | $1.70 \%$ |
| Treasury | 4,885 | $0.00 \%$ |
| Total | $3,208,445,016$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 94,864,585 | 9.85\% |
|  |  | BB | 586,453 | 0.06\% |
|  |  | CCC-C | 15,892 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 24,960 | 0.00\% |
|  | Agency Debt | Agency | 288,426 | 0.03\% |
|  | Convertible Bonds-Domestic | Unkn Rtg (Triparty) | 227,078,700 | 23.58\% |
|  | Corporates-Domestic | BB | 78,414,537 | 8.14\% |
|  |  | B | 19,295,673 | 2.00\% |
|  |  | CCC-C | 32,053,312 | 3.33\% |
|  |  | D | 29,208,472 | 3.03\% |
|  |  | Unkn Rtg (Triparty) | 126,499,609 | 13.14\% |
|  | Equity-Domestic | Equity | 68,089,785 | 7.07\% |
|  | FDCB | AAA | 388,750 | 0.04\% |
|  | Muni | AAA | 37,491,762 | 3.89\% |
|  |  | AA | 87,904,938 | 9.13\% |
|  |  | A | 68,495,143 | 7.11\% |
|  |  | BBB | 3,431,065 | 0.36\% |
|  |  | BB | 393,198 | 0.04\% |
|  |  | Unkn Rtg (Triparty) | 72,907,180 | 7.57\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 15,600,000 | 1.62\% |
|  | Treasury | Treasury | 4,885 | 0.00\% |
|  | Dealer Total |  | 963,037,324 | 100.00\% |
| Citigroup - London | ABS | AAA | 8,857,154 | 0.39\% |
|  |  | A | 6,958,203 | 0.31\% |
|  |  | BBB | 4,619,055 | 0.21\% |
|  |  | BB | 8,814,824 | 0.39\% |
|  | CMBS | Unkn Rtg (Triparty) | 68,314,859 | 3.04\% |
|  | Convertible Bonds-Domestic | BB | 11,569,114 | 0.52\% |
|  |  | B | 25,477,255 | 1.13\% |
|  |  | Unkn Rtg (Triparty) | 271,285,886 | 12.08\% |
|  | Convertible Bonds-Foreign | BBB | 2,687,395 | 0.12\% |
|  |  | BB | 6,050,694 | 0.27\% |
|  |  | B | 49,408,152 | 2.20\% |
|  |  | Unkn Rtg (Triparty) | 559,309,378 | 24.91\% |
|  | Corporates-Domestic | A | 7,265,853 | 0.32\% |
|  |  | Unkn Rtg (Triparty) | 119,419,947 | 5.32\% |
|  | Corporates-Foreign | A | 5,543,538 | 0.25\% |
|  |  | BB | 19,849 | 0.00\% |
|  |  | B | 1,181,655 | 0.05\% |
|  |  | CCC-C | 1,752,083 | 0.08\% |
|  |  | D | 20,896 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 45,955,795 | 2.05\% |
|  | Equity-Domestic | Equity | 318,236,632 | 14.17\% |
|  | Equity-Foreign | Equity | 525,142,522 | 23.39\% |
|  | Foreign Sovereigns-Domestic | BBB | 616 | 0.00\% |
|  |  | BB | 19,909 | 0.00\% |
|  |  | B | 47,714,425 | 2.12\% |
|  |  | CCC-C | 32,188,785 | 1.43\% |
|  |  | Unkn Rtg (Triparty) |  | $2.2 .80 \%$ |
|  | Foreign Sovereigns-Foreign | Unkn Rtg (Triparty) | 13,544 | 0.00\% |
|  | MBS - Private (CMO) | AA | 2,653,234 | 0.12\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral |  | Rating | Dollar Value | \% Total |
| :--- | :--- | :--- | ---: | ---: | ---: |
| Citigroup - London (con't) | MBS - Private (CMO) (con't) | A | $6,754,961$ | $0.30 \%$ |  |
|  |  | BBB | $4,622,290$ | $0.21 \%$ |  |
|  |  | BB | $1,526,031$ | $0.07 \%$ |  |
|  | Muni | B | 185,350 | $0.01 \%$ |  |
|  | Mutual Fund | Unkn Rtg (Triparty) | $39,010,003$ | $1.74 \%$ |  |
|  | Dealer Total |  | $2,245,407,691$ | $100.00 \%$ |  |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

## RESTRICTED FR

Highlights for April 28:

- Total PDCF borrowing on Tuesday was $\$ 2.70$ billion, a decrease of $\$ 0.25$ billion from Monday.
- All of Citigroup's $\$ 2.00$ billion of borrowing was through its London broker/dealer on Tuesday. Of the $\$ 2.20$ billion of collateral provided, $2.6 \%$ are investment grade securities, $5.2 \%$ are non-investment grade securities, $41.1 \%$ are equities, and $51.1 \%$ are securities of unknown rating. Of the $51.1 \%$ of collateral which have unknown ratings, roughly $53.6 \%$ are equities, $9.7 \%$ are depository receipts, $6.0 \%$ are REITs, and $1.4 \%$ are mutual funds. The remaining $30.2 \%$ of collateral with unknown ratings are various fixed income security classes.
- Bank of America is currently providing $\$ 0.75$ billion of collateral against $\$ 0.70$ billion of borrowing. Bank of America's collateral consists primarily of corporate bonds (34.5\%), municipal bonds (26.3\%), equities ( $21.6 \%$ ), and convertible bonds ( $14.7 \%$ ). As compared to Monday, this represents a shift away from convertible bonds ( $23.6 \%$ to $14.7 \%$ ) and ABS ( $9.9 \%$ to $2.1 \%$ ) and towards equities ( $7.1 \%$ to $21.6 \%$ ) and corporate bonds ( $29.6 \%$ to $34.5 \%$ ).
- Of the $\$ 2.94$ billion of collateral provided by all participants, $6.8 \%$ are investment grade securities, $9.1 \%$ are non-investment grade securities, $36.2 \%$ are equities, and $47.9 \%$ are securities with unknown ratings.

Regards,
Luke

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PDCF Charts and Tables - 20090428.doc

# Primary Dealer Credit Facility Collateral Report 

For Tuesday, April 28, 2009

## Highlights

- Total PDCF borrowing on Tuesday was $\$ 2.70$ billion, a decrease of $\$ 0.25$ billion from Monday.
- All of Citigroup's $\$ 2.00$ billion of borrowing was through its London broker/dealer on Tuesday. Of the $\$ 2.20$ billion of collateral provided, $2.6 \%$ are investment grade securities, $5.2 \%$ are non-investment grade securities, $41.1 \%$ are equities, and $51.1 \%$ are securities of unknown rating. Of the $51.1 \%$ of collateral which have unknown ratings, roughly $53.6 \%$ are equities, $9.7 \%$ are depository receipts, $6.0 \%$ are REITs, and $1.4 \%$ are mutual funds. The remaining $30.2 \%$ of collateral with unknown ratings are various fixed income security classes.
- Bank of America is currently providing $\$ 0.75$ billion of collateral against $\$ 0.70$ billion of borrowing. Bank of America's collateral consists primarily of corporate bonds ( $34.5 \%$ ), municipal bonds ( $26.3 \%$ ), equities ( $21.6 \%$ ), and convertible bonds ( $14.7 \%$ ). As compared to Monday, this represents a shift away from convertible bonds ( $23.6 \%$ to $14.7 \%$ ) and ABS $(9.9 \%$ to $2.1 \%$ ) and towards equities ( $7.1 \%$ to $21.6 \%$ ) and corporate bonds ( $29.6 \%$ to $34.5 \%$ ).
- Of the $\$ 2.94$ billion of collateral provided by all participants, $6.8 \%$ are investment grade securities, $9.1 \%$ are non-investment grade securities, $36.2 \%$ are equities, and $47.9 \%$ are securities with unknown ratings.

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 4 / 2 8 / 2 0 0 9}$ | $\mathbf{0 4 / 2 7 / 2 0 0 9}$ | $\mathbf{0 4 / 2 4 / 2 0 0 9}$ | $\mathbf{0 4 / 2 3 / 2 0 0 9}$ | $\mathbf{0 4 / 2 2 / 2 0 0 9}$ |
| :--- | :---: | :---: | ---: | ---: | ---: |
| Bank of America | 0.70 | 0.90 | 1.00 | 1.00 | 1.00 |
| Citigroup | - | - | 4.50 | 4.50 | 4.50 |
| Citigroup - London | 2.00 | 2.05 | 2.50 | 2.50 | 2.50 |
| Total Borrowings | $\mathbf{2 . 7 0}$ | $\mathbf{2 . 9 5}$ | $\mathbf{8 . 0 0}$ | $\mathbf{8 . 0 0}$ | $\mathbf{8 . 0 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{2 . 9 4}$ | $\mathbf{3 . 2 1}$ | $\mathbf{8 . 6 4}$ | $\mathbf{8 . 6 4}$ | $\mathbf{8 . 6 5}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{8 . 8 9 \%}$ | $\mathbf{8 . 8 1 \%}$ | $\mathbf{8 . 0 0 \%}$ | $\mathbf{8 . 0 0 \%}$ | $\mathbf{8 . 1 3 \%}$ |

## PDCF Borrowing Trend



## Composition of Collateral Pledged for April 28 Borrowings - in millions

[^129]|  | Bank of America | Citigroup - London | Total |
| :--- | ---: | ---: | ---: |
| Treasury | - | - | - |
| Agency | 0.3 | - | 0.3 |
| AAA | 31.3 | 8.8 | 40.1 |
| AA | 59.8 | 2.6 | 62.4 |
| A | 50.6 | 32.7 | 83.4 |
| BBB | 3.4 | 11.7 | 15.1 |
| BB | 80.1 | 27.8 | 107.8 |
| B | 19.3 | 73.2 | 9.5 |
| CCC-C | 50.5 | 13.2 | 63.7 |
| D | 3.0 | 0.7 | 3.7 |
| A-1 | - | - | - |
| A-2 | - | - | - |
| A-3 | - | - | - |
| NP | - | - | - |
| Equity | 162.2 | 901.2 | $\mathbf{1 , 0 6 3 . 4}$ |
| Unkn Rtg (Triparty) | 289.4 | $\mathbf{1 , 1 2 0 . 1}$ | $\mathbf{1 , 4 0 9 . 6}$ |
| Unkn Rtg (non-Triparty) | - | - | - |
| Total Collateral | $\mathbf{7 5 0 . 0}$ | $\mathbf{2 , 1 9 2 . 1}$ | $\mathbf{2 , 9 4 2 . 0}$ |
| Total Borrowings | $\mathbf{7 0 0 . 0}$ | $\mathbf{2 , 0 0 0 . 0}$ | $\mathbf{2 , 7 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{7 . 1 4 \%}$ | $\mathbf{9 . 6 1 \%}$ | $\mathbf{8 . 9 6 \%}$ |

## Collateral Value and Rating Distribution by Dealer



Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 116 | $0.00 \%$ |
| Agency | 289,497 | $0.01 \%$ |
| AAA | $40,131,438$ | $1.36 \%$ |
| AA | $62,402,701$ | $2.12 \%$ |
| A | $83,373,026$ | $2.83 \%$ |
| BBB | $15,139,910$ | $0.51 \%$ |
| BB | $107,822,282$ | $3.66 \%$ |
| B | $92,493,337$ | $3.14 \%$ |
| CCC-C | $63,702,374$ | $2.17 \%$ |
| D | $3,687,063$ | $0.13 \%$ |
| Equity | $1,063,405,993$ | $36.15 \%$ |
| Unkn Rtg (Triparty) | $1,409,570,937$ | $47.91 \%$ |
| Total | $2,942,018,672$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $45,389,680$ | $1.54 \%$ |
| Agency Debt | 289,497 | $0.01 \%$ |
| CMBS | $85,880,500$ | $2.92 \%$ |
| Convertible Bonds-Domestic | $442,265,824$ | $15.03 \%$ |
| Convertible Bonds-Foreign | $572,629,768$ | $19.46 \%$ |
| Corporates-Domestic | $385,347,691$ | $13.10 \%$ |
| Corporates-Foreign | $54,388,763$ | $1.85 \%$ |
| Equity-Domestic | $481,616,181$ | $16.37 \%$ |
| Equity-Foreign | $581,789,811$ | $19.78 \%$ |
| FDCB | 389,512 | $0.01 \%$ |
| Foreign Sovereigns-Domestic | $39,703,951$ | $1.35 \%$ |
| Foreign Sovereigns-Foreign | 13,424 | $0.00 \%$ |
| MBS -Private (CMO) | $15,312,795$ | $0.52 \%$ |
| Muni | $197,645,799$ | $6.72 \%$ |
| Mutual Fund | $39,355,361$ | $1.34 \%$ |
| Treasury | 116 | $0.00 \%$ |
| Total | $2,942,018,672$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | BB | 586,946 | 0.08\% |
|  |  | CCC-C | 14,993,467 | 2.00\% |
|  |  | Unkn Rtg (Triparty) | 25,235 | 0.00\% |
|  | Agency Debt | Agency | 289,497 | 0.04\% |
|  | Convertible Bonds-Domestic | BB | 2,150,700 | 0.29\% |
|  |  | B | 275,432 | 0.04\% |
|  |  | CCC-C | 2,382,875 | 0.32\% |
|  |  | Unkn Rtg (Triparty) | 105,595,470 | 14.08\% |
|  | Corporates-Domestic | BB | 76,924,655 | 10.26\% |
|  |  | B | 19,041,158 | 2.54\% |
|  |  | CCC-C | 33, 122,896 | 4.42\% |
|  |  | D | 2,996,630 | 0.40\% |
|  |  | Unkn Rtg (Triparty) | 126,670,119 | 16.89\% |
|  | Equity-Domestic | Equity | 162,247,507 | 21.63\% |
|  | FDCB | AAA | 389,512 | 0.05\% |
|  | Muni | AAA | 30,916,362 | 4.12\% |
|  |  | AA | 59,758,123 | 7.97\% |
|  |  | A | 50,623,296 | 6.75\% |
|  |  | BBB | 3,412,355 | 0.46\% |
|  |  | BB | 393,198 | 0.05\% |
|  |  | Unkn Rtg (Triparty) | 52,358,802 | 6.98\% |
|  | Mutual Fund | Unkn Rtg (Triparty) | 4,800,000 | 0.64\% |
|  | Treasury | Treasury | 116 | 0.00\% |
|  | Dealer Total |  | 749,954,346 | 100.00\% |
| Citigroup - London | ABS | AAA | 8,825,564 | 0.40\% |
|  |  | A | 6,898,670 | 0.31\% |
|  |  | BBB | 4,577,543 | 0.21\% |
|  |  | BB | 8,793,390 | 0.40\% |
|  |  | D | 688,865 | 0.03\% |
|  | CMBS | Unkn Rtg (Triparty) | 85,880,500 | 3.92\% |
|  | Convertible Bonds-Domestic | BB | 11,597,244 | 0.53\% |
|  |  | B | 53,572,810 | 2.44\% |
|  |  | Unkn Rtg (Triparty) | 266,691,293 | 12.17\% |
|  | Convertible Bonds-Foreign | A | 6,510,961 | 0.30\% |
|  |  | BBB | 2,713,532 | 0.12\% |
|  |  | BB | 5,862,568 | 0.27\% |
|  |  | B | 18,249,429 | 0.83\% |
|  |  | Unkn Rtg (Triparty) | 539,293,278 | 24.60\% |
|  | Corporates-Domestic | A | 7,128,885 | 0.33\% |
|  |  | D | 1,568 | 0.00\% |
|  |  | Unkn Rtg (Triparty) | 119,461,781 | 5.45\% |
|  | Corporates-Foreign | A | 5,493,058 | 0.25\% |
|  |  | B | 1,170,843 | 0.05\% |
|  |  | CCC-C | 1,717,565 | 0.08\% |
|  |  | Unkn Rtg (Triparty) | 46,007,297 | 2.10\% |
|  | Equity-Domestic | Equity | 319,368,675 | 14.57\% |
|  | Equity-Foreign | Equity | 581,789,811 | 26.54\% |
|  | Foreign Sovereigns-Domestic | CCC-C | 11,485,572 | 0.52\% |
|  |  | Unkn Rtg (Triparty) | Paq8e, $2110,37 \mathfrak{p} 12$ | 2 1.29\% |
|  | Foreign Sovereigns-Foreign | Unkn Rtg (Triparty) | 13,424 | 0.00\% |
|  | MBS - Private (CMO) | AA | 2,644,578 | 0.12\% |

## Collateral Composition by Dealer (continued)

| Dealer | Collateral |  | Rating | Dollar Value | \% Total |
| :--- | :--- | :--- | ---: | ---: | ---: |
| Citigroup - London (con't) | MBS - Private (CMO) (con't) | A | $6,718,156$ | $0.31 \%$ |  |
|  |  | BBB | $4,436,480$ | $0.20 \%$ |  |
|  | BB | $1,513,582$ | $0.07 \%$ |  |  |
|  | Muni | B | 183,665 | $0.01 \%$ |  |
|  | Mutual Fund | Unkn Rtg (Triparty) | $34,555,361$ | $1.58 \%$ |  |
|  | Dealer Total |  | $2,192,064,326$ | $100.00 \%$ |  |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF Collateral Report for April 29 

William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan 04/30/2009 10:15 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for April 29:

- Total PDCF borrowing on Wednesday was $\$ 0.70$ billion, a decrease of $\$ 2.0$ billion from Tuesday. This represents the smallest amount of PDCF borrowing since September 11, 2008.
- Citigroup, including its London broker/dealer, did not participate in the PDCF program on Wednesday leading to a drop of $\$ 2.0$ billion in total borrowing. Wednesday was the first day since September 11, 2008 that Citigroup had not borrowed through the PDCF program.
- Bank of America, the only participant in the program on Wednesday, is currently providing $\$ 0.75$ billion of collateral against $\$ 0.70$ billion of borrowing. Of the collateral provided by Bank of America, $19.4 \%$ are investment grade securities, $19.2 \%$ are non-investment grade securities, $18.2 \%$ are equities, and $43.3 \%$ are securities of unknown rating. Of the $43.3 \%$ of collateral which have unknown ratings, roughly $16.8 \%$ are corporate bonds, $16.0 \%$ are convertible bonds, and $9.9 \%$ are municipal bonds.

Regards,
Luke

Luke Fitzpatrick
Markets Group
Federal Reserve Bank of New York
Direct: (212) 720-2452


PDCF Charts and Tables - 20090429.doc

# Primary Dealer Credit Facility Collateral Report 

For Wednesday, April 29, 2009

## Highlights

- Total PDCF borrowing on Wednesday was $\$ 0.70$ billion, a decrease of $\$ 2.0$ billion from Tuesday. This represents the smallest amount of PDCF borrowing since September 11, 2008.
- Citigroup, including its London broker/dealer, did not participate in the PDCF program on Wednesday leading to a drop of $\$ 2.0$ billion in total borrowing. Wednesday was the first day since September 11, 2008 that Citigroup had not borrowed through the PDCF program.
- Bank of America, the only participant in the program on Wednesday, is currently providing $\$ 0.75$ billion of collateral against $\$ 0.70$ billion of borrowing. Of the collateral provided by Bank of America, $19.4 \%$ are investment grade securities, $19.2 \%$ are non-investment grade securities, $18.2 \%$ are equities, and $43.3 \%$ are securities of unknown rating. Of the $43.3 \%$ of collateral which have unknown ratings, roughly $16.8 \%$ are corporate bonds, $16.0 \%$ are convertible bonds, and $9.9 \%$ are municipal bonds.

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 4 / 2 9 / 2 0 0 9}$ | $\mathbf{0 4 / 2 8 / 2 0 0 9}$ | $\mathbf{0 4 / 2 7 / 2 0 0 9}$ | $\mathbf{0 4 / 2 4 / 2 0 0 9}$ | $\mathbf{0 4 / 2 3 / 2 0 0 9}$ |
| :--- | :---: | :---: | ---: | ---: | ---: |
| Bank of America | 0.70 | 0.70 | 0.90 | 1.00 | 1.00 |
| Citigroup | - | - | - | 4.50 | 4.50 |
| Citigroup - London | - | 2.00 | 2.05 | 2.50 | 2.50 |
| Total Borrowings | $\mathbf{0 . 7 0}$ | $\mathbf{2 . 7 0}$ | $\mathbf{2 . 9 5}$ | $\mathbf{8 . 0 0}$ | $\mathbf{8 . 0 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{0 . 7 5}$ | $\mathbf{2 . 9 4}$ | $\mathbf{3 . 2 1}$ | $\mathbf{8 . 6 4}$ | $\mathbf{8 . 6 4}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{7 . 1 4 \%}$ | $\mathbf{8 . 8 9 \%}$ | $\mathbf{8 . 8 1 \%}$ | $\mathbf{8 . 0 0 \%}$ | $\mathbf{8 . 0 0 \%}$ |

## PDCF Borrowing Trend



Composition of Collateral Pledged for April 29 Borrowings - in millions

[^130]| Rating ${ }^{1}$ | Bank of America | Total |
| :--- | ---: | ---: |
| Treasury | - | - |
| Agency | 0.3 | 0.3 |
| AAA | 37.1 | 37.1 |
| AA | 62.2 | 62.2 |
| A | 40.3 | 40.3 |
| BBB | 5.2 | 5.2 |
| BB | 69.4 | 69.4 |
| B | 192 | 19.2 |
| CCC-C | 52.0 | 52.0 |
| $D$ | 3.1 | 3.1 |
| A-1 | - | - |
| A-2 | - | - |
| A-3 | - | - |
| NP | - | - |
| Equity | 136.5 | 136.5 |
| Unkn Rtg (Triparty) | 324.7 | 324.7 |
| Unkn Rtg (non-Triparty) | - | - |
| Total Collateral | $\mathbf{7 5 0 . 1}$ | $\mathbf{7 5 0 . 1}$ |
| Total Borrowings | $\mathbf{7 0 0 . 0}$ | $\mathbf{7 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{7 . 1 6 \%}$ | $\mathbf{7 . 1 6 \%}$ |

Page 3 of 9

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Page 6 of 9

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 116 | $0.00 \%$ |
| Agency | 288,718 | $0.04 \%$ |
| AAA | $37,093,686$ | $4.94 \%$ |
| AA | $62,221,515$ | $8.29 \%$ |
| A | $40,341,330$ | $5.38 \%$ |
| BBB | $5,154,241$ | $0.69 \%$ |
| BB | $69,433,997$ | $9.26 \%$ |
| B | $19,220,392$ | $2.56 \%$ |
| CCC-C | $51,988,256$ | $6.93 \%$ |
| D | $3,140,364$ | $0.42 \%$ |
| Equity | $136,505,132$ | $18.20 \%$ |
| Unkn Rtg (Triparty) | $324,749,938$ | $43.29 \%$ |
| Total | $750,137,687$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $18,590,868$ | $2.48 \%$ |
| Agency Debt | 288,718 | $0.04 \%$ |
| Convertible Bonds-Domestic | $119,840,453$ | $15.98 \%$ |
| Corporates-Domestic | $243,414,169$ | $32.45 \%$ |
| Equity-Domestic | $136,505,132$ | $18.20 \%$ |
| FDCB | 414,488 | $0.06 \%$ |
| Muni | $226,283,743$ | $30.17 \%$ |
| Mutual Fund | $4,800,000$ | $0.64 \%$ |
| Treasury | 116 | $0.00 \%$ |
| Total | $750,137,687$ | $100.00 \%$ |

## RESTRICTED-FR

## Collateral Composition by Dealer

| Dealer | Collateral |  | Rating | Dollar Value |
| :--- | :--- | ---: | ---: | ---: |
| Bank of America | \%BS Total |  |  |  |
|  |  | BB | 587,440 | $0.08 \%$ |
|  | CCC-C | $17,977,984$ | $2.40 \%$ |  |
|  | Unkn Rtg (Triparty) | 25,443 | $0.00 \%$ |  |
|  | Agency Debt | Agency | 288,718 | $0.04 \%$ |
| Convert ble Bonds-Domestic | Unkn Rtg (Triparty) | $119,840,453$ | $15.98 \%$ |  |
| Corporates-Domestic | BB | $65,895,173$ | $8.78 \%$ |  |
|  | B | $19,220,392$ | $2.56 \%$ |  |
|  | CCC-C | $29,260,272$ | $3.90 \%$ |  |
|  | D | $3,140,364$ | $0.42 \%$ |  |
|  | Unkn Rtg (Triparty) | $125,897,967$ | $16.78 \%$ |  |
|  | Equity | $136,505,132$ | $18.20 \%$ |  |
|  | AAA | 414,488 | $0.06 \%$ |  |
|  | AAA | $36,679,198$ | $4.89 \%$ |  |
|  | AA | $62,221,515$ | $8.29 \%$ |  |
| FDCB | A | $40,341,330$ | $5.38 \%$ |  |
| Muni | BBB | $5,154,241$ | $0.69 \%$ |  |
|  | BB | $2,951,384$ | $0.39 \%$ |  |
|  | CCC-C | $4,750,000$ | $0.63 \%$ |  |
|  | Unkn Rtg (Triparty) | $74,186,075$ | $9.89 \%$ |  |
|  | Unkn Rtg (Triparty) | $4,800,000$ | $0.64 \%$ |  |
|  | Treasury | 116 | $0.00 \%$ |  |
|  |  | $750,137,687$ | $100.00 \%$ |  |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF Collateral Report for April 30 

William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for April 30:

- Total PDCF borrowing on Thursday remained at $\$ 0.70$ billion, unchanged from Wednesday.
- Bank of America, the only participant in the program, is currently providing $\$ 0.75$ billion of collateral against $\$ 0.70$ billion of borrowing. Of the collateral provided by Bank of America, 51.8\% are corporate bonds, $17.5 \%$ are municipal bonds, $16.4 \%$ are convertible bonds, and $9.4 \%$ are equities. As compared to Wednesday, there was a shift away from municipal bonds ( $30.2 \%$ to $17.5 \%$ ) and equities ( $18.2 \%$ to $9.4 \%$ ) and towards corporate bonds ( $32.4 \%$ to $51.8 \%$ ).
- Of the $\$ 0.75$ billion of collateral provided by Bank of America, $28.4 \%$ are investment grade securities, $18.8 \%$ are non-investment grade securities, $9.4 \%$ are equities, and $43.3 \%$ are securities with unknown ratings.

Regards,
Luke

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PDCF Charts and Tables - 20090430.doc

# Primary Dealer Credit Facility Collateral Report 

For Thursday, April 30, 2009

## Highlights

- Total PDCF borrowing on Thursday remained at $\$ 0.70$ billion, unchanged from Wednesday.
- Bank of America, the only participant in the program, is currently providing $\$ 0.75$ billion of collateral against $\$ 0.70$ billion of borrowing. Of the collateral provided by Bank of America, $51.8 \%$ are corporate bonds, $17.5 \%$ are municipal bonds, $16.4 \%$ are convertible bonds, and $9.4 \%$ are equities. As compared to Wednesday, there was a shift away from municipal bonds ( $30.2 \%$ to $17.5 \%$ ) and equities ( $18.2 \%$ to $9.4 \%$ ) and towards corporate bonds ( $32.4 \%$ to $51.8 \%$ ).
- Of the $\$ 0.75$ billion of collateral provided by Bank of America, $28.4 \%$ are investment grade securities, $18.8 \%$ are noninvestment grade securities, $9.4 \%$ are equities, and $43.3 \%$ are securities with unknown ratings.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 4 / 3 0 / 2 0 0 9}$ | $\mathbf{0 4 / 2 9 / 2 0 0 9}$ | $\mathbf{0 4 / 2 8 / 2 0 0 9}$ | $\mathbf{0 4 / 2 7 / 2 0 0 9}$ | $\mathbf{0 4 / 2 4 / 2 0 0 9}$ |
| :--- | :---: | :---: | :---: | :---: | ---: |
| Bank of America | 0.70 | 0.70 | 0.70 | 0.90 | 1.00 |
| Citigroup | - | - | - | - | 4.50 |
| Citigroup - London | - | - | 2.00 | 2.05 | 2.50 |
| Total Borrowings | $\mathbf{0 . 7 0}$ | $\mathbf{0 . 7 0}$ | $\mathbf{2 . 7 0}$ | $\mathbf{2 . 9 5}$ | $\mathbf{8 . 0 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{0 . 7 5}$ | $\mathbf{0 . 7 5}$ | $\mathbf{2 . 9 4}$ | $\mathbf{3 . 2 1}$ | $\mathbf{8 . 6 4}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{7 . 1 4 \%}$ | $\mathbf{7 . 1 4 \%}$ | $\mathbf{8 . 8 9 \%}$ | $\mathbf{8 . 8 1 \%}$ | $\mathbf{8 . 0 0 \%}$ |

## PDCF Borrowing Trend



## Composition of Collateral Pledged for April 30 Borrowings - in millions

[^131]| Rating ${ }^{1}$ | Bank of America | Total |
| :--- | ---: | ---: |
| Treasury | - | - |
| Agency | 0.3 | 0.3 |
| AAA | 5.4 | 5.4 |
| AA | 199.5 | 199.5 |
| A | 5.0 | 5.0 |
| BBB | 3.1 | 3.1 |
| BB | 69.6 | 69.6 |
| B | 1.6 | 19.6 |
| CCC-C | 49.4 | 49.4 |
| $D$ | 3.1 | 3.1 |
| A-1 | - | - |
| A-2 | - | - |
| A-3 | - | - |
| NP | - | - |
| Equity | 70.7 | 70.7 |
| Unkn Rtg (Triparty) | 324.9 | 324.9 |
| Unkn Rtg (non-Triparty) | - | - |
| Total Collateral | $\mathbf{7 5 0 . 5}$ | $\mathbf{7 5 0 . 5}$ |
| Total Borrowings | $\mathbf{7 0 0 . 0}$ | $\mathbf{7 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{7 . 2 1 \%}$ | $\mathbf{7 . 2 1 \%}$ |

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Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Page 6 of 9

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 7,419 | $0.00 \%$ |
| Agency | 288,170 | $0.04 \%$ |
| AAA | $5,414,195$ | $0.72 \%$ |
| AA | $199,506,256$ | $26.58 \%$ |
| A | $5,000,000$ | $0.67 \%$ |
| BBB | $3,057,004$ | $0.41 \%$ |
| BB | $69,554,663$ | $9.27 \%$ |
| B | $19,573,123$ | $2.61 \%$ |
| CCC-C | $49,419,530$ | $6.58 \%$ |
| D | $3,100,966$ | $0.41 \%$ |
| Equity | $70,737,412$ | $9.43 \%$ |
| Unkn Rtg (Triparty) | $324,859,774$ | $43.28 \%$ |
| Total | $750,518,512$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $15,736,588$ | $2.10 \%$ |
| Agency Debt | 288,170 | $0.04 \%$ |
| Convertible Bonds-Domestic | $122,739,755$ | $16.35 \%$ |
| Corporates-Domestic | $388,773,082$ | $51.80 \%$ |
| Equity-Domestic | $70,737,412$ | $9.43 \%$ |
| FDCB | 414,195 | $0.06 \%$ |
| MBS - Private (CMO) | $20,404,805$ | $2.72 \%$ |
| Muni | $131,417,086$ | $17.51 \%$ |
| Treasury | 7,419 | $0.00 \%$ |
| Total | $750,518,512$ | $100.00 \%$ |

## RESTRICTED-FR

## Collateral Composition by Dealer

| Dealer | Collateral |  | Rating | Dollar Value |
| :--- | :--- | :--- | ---: | ---: |
| Bank of America | ABS | BB | 587,934 | $0.08 \%$ |
|  |  | CCC-C | $15,123,050$ | $2.02 \%$ |
|  | Unkn Rtg (Triparty) | 25,604 | $0.00 \%$ |  |
|  | Agency Debt | Agency | 288,170 | $0.04 \%$ |
|  | Convert ble Bonds-Domestic | BB | $5,039,164$ | $0.67 \%$ |
|  | Unkn Rtg (Triparty) | $117,700,591$ | $15.68 \%$ |  |
|  | AA | $146,732,250$ | $19.55 \%$ |  |
|  | Corporates-Domestic | BBB | $3,057,004$ | $0.41 \%$ |
|  | B | $60,976,181$ | $8.12 \%$ |  |
|  | CCC-C | $19,573,123$ | $2.61 \%$ |  |
|  | D | $29,546,480$ | $3.94 \%$ |  |
|  | Unkn Rtg (Triparty) | $125,100,966$ | $0.41 \%$ |  |
|  | Equity | $70,737,412$ | $16.76 \%$ |  |
|  | AAA | $9.43 \%$ |  |  |
|  | AA | $20,404,195$ | $0.06 \%$ |  |
|  | Equity-Domestic | AA | $5,000,000$ | $0.72 \%$ |
| FDCB | A | $32,369,201$ | $4.31 \%$ |  |
| MBS - Private (CMO) | BB | $5,000,000$ | $0.67 \%$ |  |
| Muni | CCC-C | $2,951,384$ | $0.39 \%$ |  |
|  | Unkn Rtg (Triparty) | $4,750,000$ | $0.63 \%$ |  |
|  | Treasury | $81,346,502$ | $10.84 \%$ |  |
|  |  | 7,419 | $0.00 \%$ |  |
|  |  | $750,518,512$ | $100.00 \%$ |  |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF Collateral Report for May 1
William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for May 1:

- Total PDCF borrowing on Friday was $\$ 0.60$ billion, a decrease of $\$ 0.10$ billion from Thursday.
- Bank of America, the only participant in the program, is currently providing $\$ 0.64$ billion of collateral against $\$ 0.60$ billion of borrowing. Of the collateral provided by Bank of America, $42.0 \%$ are corporate bonds, $24.5 \%$ are ABS, and $19.5 \%$ are convertible bonds. As compared to Thursday, Bank of America's collateral has shifted away from municipal bonds ( $17.5 \%$ to $3.3 \%$ ) and corporate bonds ( $51.8 \%$ to $42.0 \%$ ) and towards ABS ( $2.1 \%$ to $24.5 \%$ ).
- Of the $\$ 0.64$ billion of collateral provided by Bank of America, $38.5 \%$ are investment grade securities, $9.49 \%$ are non-investment grade securities, $10.6 \%$ are equities, and $41.3 \%$ are securities with unknown ratings.

Regards,
Luke

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PDCF Charts and Tables - 20090501.doc

# Primary Dealer Credit Facility Collateral Report 

For Friday, May 01, 2009

## Highlights

- Total PDCF borrowing on Friday was $\$ 0.60$ billion, a decrease of $\$ 0.10$ billion from Thursday.
- Bank of America, the only participant in the program, is currently providing $\$ 0.64$ billion of collateral against $\$ 0.60$ billion of borrowing. Of the collateral provided by Bank of America, $42.0 \%$ are corporate bonds, $24.5 \%$ are ABS, and $19.5 \%$ are convertible bonds. As compared to Thursday, Bank of America's collateral has shifted away from municipal bonds ( $17.5 \%$ to $3.3 \%$ ) and corporate bonds ( $51.8 \%$ to $42.0 \%$ ) and towards ABS ( $2.1 \%$ to $24.5 \%$ ).
- Of the $\$ 0.64$ billion of collateral provided by Bank of America, $38.5 \%$ are investment grade securities, $9.49 \%$ are noninvestment grade securities, $10.6 \%$ are equities, and $41.3 \%$ are securities with unknown ratings.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 5 / 0 1 / 2 0 0 9}$ | $\mathbf{0 4 / 3 0 / 2 0 0 9}$ | $\mathbf{0 4 / 2 9 / 2 0 0 9}$ | $\mathbf{0 4 / 2 8 / 2 0 0 9}$ | $\mathbf{0 4 / 2 7 / 2 0 0 9}$ |
| :--- | :---: | :---: | :---: | ---: | ---: |
| Bank of America | 0.60 | 0.70 | 0.70 | 0.70 | 0.90 |
| Citigroup - London | - | - | - | 2.00 | 2.05 |
| Total Borrowings | $\mathbf{0 . 6 0}$ | $\mathbf{0 . 7 0}$ | $\mathbf{0 . 7 0}$ | $\mathbf{2 . 7 0}$ | $\mathbf{2 . 9 5}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{0 . 6 4}$ | $\mathbf{0 . 7 5}$ | $\mathbf{0 . 7 5}$ | $\mathbf{2 . 9 4}$ | $\mathbf{3 . 2 1}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{6 . 6 7 \%}$ | $\mathbf{7 . 1 4 \%}$ | $\mathbf{7 . 1 4 \%}$ | $\mathbf{8 . 8 9 \%}$ | $\mathbf{8 . 8 1 \%}$ |

## PDCF Borrowing Trend



## Composition of Collateral Pledged for May 01 Borrowings - in millions

[^132]|  | Bank of America | Total |
| :--- | ---: | ---: |
| Treasury | - | - |
| Agency | 0.3 | 0.3 |
| AAA | 0.4 | 0.4 |
| AA | 243.3 | 243.3 |
| A | - | - |
| BBB | 3.2 | 3.2 |
| BB | 60.0 | 60.0 |
| B | - | - |
| CCC-C | 0.1 | 0.1 |
| D | 1.3 | 1.3 |
| A-1 | - | - |
| A-2 | - | - |
| A-3 | - | - |
| NP | - | - |
| Equity | 68.0 | 68.0 |
| Unkn Rtg (Triparty) | 265.4 | 265.4 |
| Unkn Rtg (non-Triparty) | - | - |
| Total Collateral | $\mathbf{6 4 2 . 1}$ | $\mathbf{6 4 2 . 1}$ |
| Total Borrowings | $\mathbf{6 0 0 . 0}$ | $\mathbf{6 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{7 . 0 2 \%}$ | $\mathbf{7 . 0 2 \%}$ |

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Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 7,419 | $0.00 \%$ |
| Agency | 287,601 | $0.04 \%$ |
| AAA | 414,599 | $0.06 \%$ |
| AA | $243,329,387$ | $37.90 \%$ |
| BBB | $3,151,075$ | $0.49 \%$ |
| BB | $59,995,792$ | $9.34 \%$ |
| B | 812 | $0.00 \%$ |
| CCC-C | 140,475 | $0.02 \%$ |
| D | $1,332,422$ | $0.21 \%$ |
| Equity | $68,032,004$ | $10.60 \%$ |
| Unkn Rtg (Triparty) | $265,366,686$ | $41.33 \%$ |
| Total | $642,058,272$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $157,614,526$ | $24.55 \%$ |
| Agency Debt | 287,601 | $0.04 \%$ |
| Convertible Bonds-Domestic | $124,881,169$ | $19.45 \%$ |
| Corporates-Domestic | $269,643,206$ | $42.00 \%$ |
| Equity-Domestic | $68,032,004$ | $10.60 \%$ |
| FDCB | 414,599 | $0.06 \%$ |
| Muni | $21,177,747$ | $3.30 \%$ |
| Treasury | 7,419 | $0.00 \%$ |
| Total | $642,058,272$ | $100.00 \%$ |

## RESTRICTED-FR

## Collateral Composition by Dealer

| Dealer | Collateral |  | Rating | Dollar Value |
| :--- | :--- | ---: | ---: | ---: |
| Bank of America | ABS | AA | $156,859,105$ | $24.43 \%$ |
|  |  | BB | 588,428 | $0.09 \%$ |
|  | B | 812 | $0.00 \%$ |  |
|  | CCC-C | 140,475 | $0.02 \%$ |  |
|  | Unkn Rtg (Triparty) | 25,707 | $0.00 \%$ |  |
|  | Aggency | 287,601 | $0.04 \%$ |  |
|  | Agency Debt | BB | $5,040,767$ | $0.79 \%$ |
|  | Unkn Rtg (Triparty) | $119,840,402$ | $18.67 \%$ |  |
|  | AA | $86,470,282$ | $13.47 \%$ |  |
|  | BBB | $3,151,075$ | $0.49 \%$ |  |
|  | BB | $54,328,334$ | $8.46 \%$ |  |
|  | Dorporates-Domestic | Unkn Rtg (Triparty) | $1,332,422$ | $0.21 \%$ |
|  | Equity | $124,361,093$ | $19.37 \%$ |  |
|  | AAA | $68,032,004$ | $10.60 \%$ |  |
|  | BB | 414,599 | $0.06 \%$ |  |
|  | FDCB | Unkn Rtg (Triparty) | 38,263 | $0.01 \%$ |
| Muni | Treasury | $21,139,484$ | $3.29 \%$ |  |
| Treasury |  | 7,419 | $0.00 \%$ |  |
| Dealer Total |  | $642,058,272$ | $100.00 \%$ |  |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF Collateral Report for May 4 

William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for May 4:

- Total PDCF borrowing on Monday was $\$ 0.70$ billion, a $\$ 0.10$ billion increase from Friday.
- Bank of America, the only participant in the program, is currently providing $\$ 0.75$ billion of collateral against $\$ 0.70$ billion of borrowing. Of the collateral provided by Bank of America, $42.7 \%$ are corporate bonds, $25.8 \%$ are ABS, and $16.5 \%$ are convertible bonds. As compared to Friday, this represents a decrease in convertible bond collateral ( $19.5 \%$ to $16.5 \%$ ) and equity collateral ( $10.6 \%$ to $9.2 \%$ ). In response to this shift there was an increase in ABS collateral ( $24.5 \%$ to $25.8 \%$ ) and MBS collateral (0.0\% to 2.7\%).
- Of the $\$ 0.75$ billion of collateral provided by Bank of America, $38.9 \%$ are investment grade securities, $16.7 \%$ are non-investment grade securities, $9.2 \%$ are equities, and $35.1 \%$ are securities with unknown ratings.

Regards,
Luke

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PDCF Charts and Tables - 20090504.doc

# Primary Dealer Credit Facility Collateral Report 

For Monday, May 04, 2009

## Highlights

- Total PDCF borrowing on Monday was $\$ 0.70$ billion, a $\$ 0.10$ billion increase from Friday.
- Bank of America, the only participant in the program, is currently providing $\$ 0.75$ billion of collateral against $\$ 0.70$ billion of borrowing. Of the collateral provided by Bank of America, $42.7 \%$ are corporate bonds, $25.8 \%$ are ABS, and $16.5 \%$ are convertible bonds. As compared to Friday, this represents a decrease in convertible bond collateral ( $19.5 \%$ to $16.5 \%$ ) and equity collateral ( $10.6 \%$ to $9.2 \%$ ). In response to this shift there was an increase in ABS collateral ( $24.5 \%$ to $25.8 \%$ ) and MBS collateral ( $0.0 \%$ to $2.7 \%$ ).
- Of the $\$ 0.75$ billion of collateral provided by Bank of America, $38.9 \%$ are investment grade securities, $16.7 \%$ are noninvestment grade securities, $9.2 \%$ are equities, and $35.1 \%$ are securities with unknown ratings.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 5 / 0 4 / 2 0 0 9}$ | $\mathbf{0 5 / 0 1 / 2 0 0 9}$ | $04 / 30 / 2009$ | $04 / 29 / 2009$ | $04 / 28 / 2009$ |
| :--- | :---: | :---: | :---: | :---: | ---: |
| Bank of America | 0.70 | 0.60 | 0.70 | 0.70 | 0.70 |
| Citigroup - London | - | - | - | - | 2.00 |
| Total Borrowings | $\mathbf{0 . 7 0}$ | $\mathbf{0 . 6 0}$ | $\mathbf{0 . 7 0}$ | $\mathbf{0 . 7 0}$ | $\mathbf{2 . 7 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{0 . 7 5}$ | $\mathbf{0 . 6 4}$ | $\mathbf{0 . 7 5}$ | $\mathbf{0 . 7 5}$ | $\mathbf{2 . 9 4}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{7 . 1 4 \%}$ | $\mathbf{6 . 6 7 \%}$ | $\mathbf{7 . 1 4 \%}$ | $\mathbf{7 . 1 4 \%}$ | $\mathbf{8 . 8 9 \%}$ |

## PDCF Borrowing Trend



## Composition of Collateral Pledged for May 04 Borrowings - in millions

[^133]| Rating ${ }^{1}$ | Bank of America | Total |
| :--- | ---: | ---: |
| Treasury | - | - |
| Agency | 0.3 | 0.3 |
| AAA | 0.8 | 0.8 |
| AA | 287.4 | 287.4 |
| $A$ | - | - |
| BBB | 3.2 | 3.2 |
| BB | 70.5 | 70.5 |
| B | 19.9 | 19.9 |
| CCC-C | 31.9 | 31.9 |
| $D$ | 3.2 | 3.2 |
| A-1 | - | - |
| A-2 | - | - |
| A-3 | - | - |
| NP | - | - |
| Equity | 69.1 | 69.1 |
| Unkn Rtg (Triparty) | 263.4 | 263.4 |
| Unkn Rtg (non-Triparty) | - | - |
| Total Collateral | $\mathbf{7 4 9 . 6}$ | $\mathbf{7 4 9 . 6}$ |
| Total Borrowings | $\mathbf{7 0 0 . 0}$ | $\mathbf{7 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{7 . 0 9 \%}$ | $\mathbf{7 . 0 9 \%}$ |

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Collateral Value and Rating Distribution by Dealer


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Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 14,412 | $0.00 \%$ |
| Agency | 287,639 | $0.04 \%$ |
| AAA | 803,502 | $0.11 \%$ |
| AA | $287,425,286$ | $38.34 \%$ |
| BBB | $3,162,688$ | $0.42 \%$ |
| BB | $70,454,544$ | $9.40 \%$ |
| B | $19,857,126$ | $2.65 \%$ |
| CCC-C | $31,857,649$ | $4.25 \%$ |
| D | $3,194,744$ | $0.43 \%$ |
| Equity | $69,137,174$ | $9.22 \%$ |
| Unkn Rtg (Triparty) | $263,404,966$ | $35.14 \%$ |
| Total | $749,599,730$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $193,434,796$ | $25.81 \%$ |
| Agency Debt | 287,639 | $0.04 \%$ |
| Convertible Bonds-Domestic | $123,820,802$ | $16.52 \%$ |
| Corporates-Domestic | $320,219,013$ | $42.72 \%$ |
| Equity-Domestic | $69,137,174$ | $9.22 \%$ |
| FDCB | 803,502 | $0.11 \%$ |
| MBS - Private (CMO) | $20,449,921$ | $2.73 \%$ |
| Muni | $21,432,471$ | $2.86 \%$ |
| Treasury | 14,412 | $0.00 \%$ |
| Total | $749,599,730$ | $100.00 \%$ |

## RESTRICTED-FR

## Collateral Composition by Dealer

| Dealer | Collateral |  | Rating | Dollar Value |
| :--- | :--- | :--- | ---: | ---: |
| Bank of America | ABS | AA | $192,677,274$ | $25.70 \%$ |
|  |  | BB | 589,910 | $0.08 \%$ |
|  | B | 812 | $0.00 \%$ |  |
|  | CCC-C | 140,475 | $0.02 \%$ |  |
|  | Unkn Rtg (Triparty) | 26,325 | $0.00 \%$ |  |
|  | Agency | 287,639 | $0.04 \%$ |  |
|  | Agency Debt | BB | $5,050,670$ | $0.67 \%$ |
| Convert ble Bonds-Domestic | CCC-C | $1,067,246$ | $0.14 \%$ |  |
|  | Unkn Rtg (Triparty) | $117,702,887$ | $15.70 \%$ |  |
|  | AA | $74,298,091$ | $9.91 \%$ |  |
|  | BBB | $3,162,688$ | $0.42 \%$ |  |
|  | BB | $64,520,767$ | $8.61 \%$ |  |
|  | B | $19,856,314$ | $2.65 \%$ |  |
|  | CCC-C | $30,649,928$ | $4.09 \%$ |  |
|  | D | $3,194,744$ | $0.43 \%$ |  |
|  | Unkn Rtg (Triparty) | $124,536,481$ | $16.61 \%$ |  |
|  | Equity | $69,137,174$ | $9.22 \%$ |  |
|  | AAA | 803,502 | $0.11 \%$ |  |
|  | Equity-Domestic | BB | $20,449,921$ | $2.73 \%$ |
| FDCB | Unkn Rtg (Triparty) | 293,198 | $0.04 \%$ |  |
| MBS - Private (CMO) | Treasury | $21,139,273$ | $2.82 \%$ |  |
| Muni |  | 14,412 | $0.00 \%$ |  |
|  |  | $749,599,730$ | $100.00 \%$ |  |
| Treasury |  |  |  |  |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

## RESTRICTED FR

## Highlights for May 5:

- Total PDCF borrowing on Tuesday remained at $\$ 0.70$ billion, unchanged from Monday.
- Bank of America, the only participant in the facility, provided $\$ 0.75$ billion of collateral against $\$ 0.70$ billion of borrowing. Of the collateral provided by Bank of America, $49.8 \%$ are corporate bonds, $18.8 \%$ are municipal bonds, $18.3 \%$ are convertible bonds, and $13.0 \%$ are ABS. As compared to Monday this represents a shift away from ABS collateral ( $25.8 \%$ to $13.0 \%$ ), equity collateral ( $9.2 \%$ to $0.0 \%$ ), and MBS collateral ( $2.7 \%$ to $0.0 \%$ ). In response to these shifts there was an increase in municipal bond collateral ( $2.9 \%$ to $18.8 \%$ ) and corporate bond collateral ( $47.7 \%$ to $49.8 \%$ ).
- Of the $\$ 0.75$ billion of collateral provided by Bank of America, $43.0 \%$ are investment grade securities, $12.1 \%$ are non-investment grade securities, $0.0 \%$ are equities, and $45.0 \%$ are securities with unknown ratings. Of the securities with unknown ratings, roughly $44.1 \%$ are municipal bonds and $40.6 \%$ are corporate bonds. The remaining $15.75 \%$ of securities with unknown ratings are various fixed income security classes.

Regards,
Luke

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# Primary Dealer Credit Facility Collateral Report 

For Tuesday, May 05, 2009

## Highlights

- Total PDCF borrowing on Tuesday remained at $\$ 0.70$ billion, unchanged from Monday.
- Bank of America, the only participant in the facility, provided $\$ 0.75$ billion of collateral against $\$ 0.70$ billion of borrowing. Of the collateral provided by Bank of America, $49.8 \%$ are corporate bonds, $18.8 \%$ are municipal bonds, $18.3 \%$ are convertible bonds, and $13.0 \%$ are ABS. As compared to Monday this represents a shift away from ABS collateral ( $25.8 \%$ to $13.0 \%$ ), equity collateral ( $9.2 \%$ to $0.0 \%$ ), and MBS collateral ( $2.7 \%$ to $0.0 \%$ ). In response to these shifts there was an increase in municipal bond collateral ( $2.9 \%$ to $18.8 \%$ ) and corporate bond collateral ( $47.7 \%$ to $49.8 \%$ ).
- Of the $\$ 0.75$ billion of collateral provided by Bank of America, $43.0 \%$ are investment grade securities, $12.1 \%$ are noninvestment grade securities, $0.0 \%$ are equities, and $45.0 \%$ are securities with unknown ratings. Of the securities with unknown ratings, roughly $44.1 \%$ are municipal bonds and $40.6 \%$ are corporate bonds. The remaining $15.75 \%$ of securities with unknown ratings are various fixed income security classes.

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 5 / 0 5 / 2 0 0 9}$ | $05 / 04 / 2009$ | $05 / 01 / 2009$ | $04 / 30 / 2009$ | $04 / 29 / 2009$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 0.70 | 0.70 | 0.60 | 0.70 | 0.70 |
| Total Borrowings | $\mathbf{0 . 7 0}$ | $\mathbf{0 . 7 0}$ | $\mathbf{0 . 6 0}$ | $\mathbf{0 . 7 0}$ | $\mathbf{0 . 7 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{0 . 7 5}$ | $\mathbf{0 . 7 5}$ | $\mathbf{0 . 6 4}$ | $\mathbf{0 . 7 5}$ | $\mathbf{0 . 7 5}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{7 . 1 4 \%}$ | $\mathbf{7 . 1 4 \%}$ | $\mathbf{6 . 6 7 \%}$ | $\mathbf{7 . 1 4 \%}$ | $\mathbf{7 . 1 4 \%}$ |

## PDCF Borrowing Trend



## Composition of Collateral Pledged for May 05 Borrowings - in millions

[^134]| Rating $^{1}$ | Bank of America | Total |
| :--- | ---: | ---: |
| Treasury | - | - |
| Agency | 0.3 | 0.3 |
| AAA | 23.4 | 23.4 |
| AA | 280.6 | 280.6 |
| A | 14.3 | 14.3 |
| BBB | 3.2 | 3.2 |
| BB | 73.7 | 73.7 |
| B | 8.7 | 8.7 |
| CCC-C | 4.9 | 4.9 |
| D | 3.2 | 3.2 |
| A-1 | - | - |
| A-2 | - | - |
| A-3 | - | - |
| NP | - | - |
| Equity | - | - |
| Unkn Rtg (Triparty) | 336.8 | 336.8 |
| Unkn Rtg (non-Triparty) | - | - |
| Total Collateral | $\mathbf{7 4 9 . 0}$ | $\mathbf{7 4 9 . 0}$ |
| Total Borrowings | $\mathbf{7 0 0 . 0}$ | $\mathbf{7 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{7 . 0 0 \%}$ | $\mathbf{7 . 0 0 \%}$ |

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Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 7,419 | $0.00 \%$ |
| Agency | 287,680 | $0.04 \%$ |
| AAA | $23,440,991$ | $3.13 \%$ |
| AA | $280,584,121$ | $37.46 \%$ |
| A | $14,264,174$ | $1.90 \%$ |
| BBB | $3,171,759$ | $0.42 \%$ |
| BB | $8,688,128$ | $9.84 \%$ |
| B | $4,890,013$ | $1.17 \%$ |
| CCC-C | $3,197,786$ | $0.65 \%$ |
| D | $336,782,774$ | $44.93 \%$ |
| Unkn Rtg (Triparty) | $749,042,319$ | $100.00 \%$ |
| Total |  |  |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $97,277,415$ | $12.99 \%$ |
| Agency Debt | 287,680 | $0.04 \%$ |
| Convertible Bonds-Domestic | $137,156,730$ | $18.31 \%$ |
| Corporates-Domestic | $373,084,301$ | $49.81 \%$ |
| FDCB | 388,841 | $0.05 \%$ |
| Muni | $140,839,933$ | $18.80 \%$ |
| Treasury | 7,419 | $0.00 \%$ |
| Total | $749,042,319$ | $100.00 \%$ |

## RESTRICTED-FR

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 96,519,183 | 12.89\% |
|  |  | BB | 590,404 | 0.08\% |
|  |  | B | 813 | 0.00\% |
|  |  | CCC-C | 140,475 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 26,541 | 0.00\% |
|  | Agency Debt | Agency | 287,680 | 0.04\% |
|  | Convert ble Bonds-Domestic | BB | 3,405,512 | 0.45\% |
|  |  | Unkn Rtg (Triparty) | 133,751,218 | 17.86\% |
|  | Corporates-Domestic | AA | 166,939,938 | 22.29\% |
|  |  | BBB | 3,171,759 | 0.42\% |
|  |  | BB | 66,740,829 | 8.91\% |
|  |  | B | 8,726,200 | 1.16\% |
|  |  | D | 3,197,786 | 0.43\% |
|  |  | Unkn Rtg (Triparty) | 124,307,789 | 16.60\% |
|  | FDCB | AAA | 388,841 | 0.05\% |
|  | Muni | AAA | 23,052,150 | 3.08\% |
|  |  | AA | 17,125,000 | 2.29\% |
|  |  | A | 14,264,174 | 1.90\% |
|  |  | BB | 2,951,384 | 0.39\% |
|  |  | CCC-C | 4,750,000 | 0.63\% |
|  |  | Unkn Rtg (Triparty) | 78,697,226 | 10.51\% |
|  | Treasury | Treasury | 7,419 | 0.00\% |
|  | Dealer Total |  | 749,042,319 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF Collateral Report for May 6 

William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan 05/07/2009 12:04 PM McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for May 6:

- Total PDCF borrowing on Wednesday was $\$ 0.60$ billion, a decrease of $\$ 0.10$ billion from Tuesday.
- Bank of America, the only participant in the program, provided $\$ 0.64$ billion of collateral against $\$ 0.60$ billion of borrowing. Of the collateral provided by Bank of America, $41.6 \%$ are investment grade securities, $12.1 \%$ are non-investment grade securities, $0.0 \%$ are equities, and $46.3 \%$ are securities with unknown ratings. Of the collateral with unknown ratings, roughly 47.9\% are municipal bonds, $35.4 \%$ are corporate bonds, and $9.0 \%$ are convertible bonds.
- The collateral provided by Bank of America consists primarily of corporate bonds (57.8\%), convertible bonds (20.8\%), municipal bonds (14.3\%), and ABS (7.0\%).

Regards,
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PDCF Charts and Tables - 20090506.doc

# Primary Dealer Credit Facility Collateral Report 

For Wednesday, May 06, 2009

## Highlights

- Total PDCF borrowing on Wednesday was $\$ 0.60$ billion, a decrease of $\$ 0.10$ billion from Tuesday.
- Bank of America, the only participant in the program, provided $\$ 0.64$ billion of collateral against $\$ 0.60$ billion of borrowing. Of the collateral provided by Bank of America, $41.6 \%$ are investment grade securities, $12.1 \%$ are non-investment grade securities, $0.0 \%$ are equities, and $46.3 \%$ are securities with unknown ratings. Of the collateral with unknown ratings, roughly $47.9 \%$ are municipal bonds, $35.4 \%$ are corporate bonds, and $9.0 \%$ are convertible bonds.
- The collateral provided by Bank of America consists primarily of corporate bonds ( $57.8 \%$ ), convertible bonds ( $20.8 \%$ ), municipal bonds (14.3\%), and ABS (7.0\%).


## Overnight Borrowings - in billions

| Dealer | $05 / 06 / 2009$ | $05 / 05 / 2009$ | $05 / 04 / 2009$ | $05 / 01 / 2009$ | $04 / 30 / 2009$ |
| :--- | :---: | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 0.60 | 0.70 | 0.70 | 0.60 | 0.70 |
| Total Borrowings | 0.60 | 0.70 | 0.70 | 0.60 | 0.70 |
|  |  |  |  |  |  |
| Total Collateral | 0.642 | 0.75 | $\mathbf{0 . 7 5}$ | $\mathbf{0 . 6 4}$ | $\mathbf{0 . 7 5}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{7 . 0 0 \%}$ | $\mathbf{7 . 1 4 \%}$ | $\mathbf{7 . 1 4 \%}$ | $\mathbf{6 . 6 7 \%}$ | $\mathbf{7 . 1 4 \%}$ |

## PDCF Borrowing Trend



## Composition of Collateral Pledged for May 06 Borrowings - in millions

[^135]| Rating $^{1}$ | Bank of America | Total |
| :--- | ---: | ---: |
| Treasury | - | - |
| Agency | 0.3 | 0.3 |
| AAA | 12.1 | 12.1 |
| AA | 235.2 | 235.2 |
| A | 16.1 | 16.1 |
| BBB | 3.3 | 3.3 |
| BB | 61.2 | 61.2 |
| B | - | - |
| CCC-C | 13.1 | 13.1 |
| D | 3.2 | 3.2 |
| A-1 | - | - |
| A-2 | - | - |
| A-3 | - | - |
| NP | - | - |
| Equity | - | - |
| Unkn Rtg (Triparty) | $\mathbf{2 9 7 . 5}$ | $\mathbf{2 9 7 . 5}$ |
| Unkn Rtg (non-Triparty) | - | - |
| Total Collateral | $\mathbf{6 4 2 . 0}$ | $\mathbf{6 4 2 . 0}$ |
| Total Borrowings | $\mathbf{6 0 0 . 0}$ | $\mathbf{6 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{7 . 0 0 \%}$ | $\mathbf{7 . 0 0 \%}$ |

Page 3 of 9

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 7,419 | $0.00 \%$ |
| Agency | 287,555 | $0.04 \%$ |
| AAA | $12,052,768$ | $1.88 \%$ |
| AA | $235,220,738$ | $36.64 \%$ |
| A | $16,133,438$ | $2.51 \%$ |
| BBB | $3,281,533$ | $0.51 \%$ |
| BB | $61,248,570$ | $9.54 \%$ |
| B | 813 | $0.00 \%$ |
| CCC-C | $13,082,752$ | $2.04 \%$ |
| D | $3,217,202$ | $0.50 \%$ |
| Unkn Rtg (Triparty) | $297,508,114$ | $46.34 \%$ |
| Total | $642,040,902$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $44,889,045$ | $6.99 \%$ |
| Agency Debt | 287,555 | $0.04 \%$ |
| Convertible Bonds-Domestic | $133,750,871$ | $20.83 \%$ |
| Corporates-Domestic | $371,089,989$ | $57.80 \%$ |
| FDCB | 388,794 | $0.06 \%$ |
| Muni | $91,627,229$ | $14.27 \%$ |
| Treasury | 7,419 | $0.00 \%$ |
| Total | $642,040,902$ | $100.00 \%$ |

## RESTRICTED-FR

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | AA | 44,130,116 | 6.87\% |
|  |  | BB | 591,906 | 0.09\% |
|  |  | B | 813 | 0.00\% |
|  |  | CCC-C | 140,475 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 25,736 | 0.00\% |
|  | Agency Debt | Agency | 287,555 | 0.04\% |
|  | Convert ble Bonds-Domestic | Unkn Rtg (Triparty) | 133,750,871 | 20.83\% |
|  | Corporates-Domestic | AA | 167,107,375 | 26.03\% |
|  |  | BBB | 3,181,430 | 0.50\% |
|  |  | BB | 60,263,467 | 9.39\% |
|  |  | CCC-C | 12,942,277 | 2.02\% |
|  |  | D | 3,217,202 | 0.50\% |
|  |  | Unkn Rtg (Triparty) | 124,378,239 | 19.37\% |
|  | FDCB | AAA | 388,794 | 0.06\% |
|  | Muni | AAA | 11,663,974 | 1.82\% |
|  |  | AA | 23,983,247 | 3.74\% |
|  |  | A | 16,133,438 | 2.51\% |
|  |  | BBB | 100,104 | 0.02\% |
|  |  | BB | 393,198 | 0.06\% |
|  |  | Unkn Rtg (Triparty) | 39,353,268 | 6.13\% |
|  | Treasury | Treasury | 7,419 | 0.00\% |
|  | Dealer Total |  | 642,040,902 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF Collateral Report for May 7 

William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for May 7:

- Total PDCF borrowing on Thursday remained at $\$ 0.60$ billion, unchanged from Wednesday.
- Bank of America, the only participant in the program, is currently providing $\$ 0.642$ billion of collateral against $\$ 0.60$ of borrowing. Of the collateral provided by Bank of America, $63.4 \%$ are corporate bonds, $20.8 \%$ are convertible bonds, and $12.2 \%$ are ABS. As compared to Wednesday, Bank of America's collateral shifted away from municipal bonds (14.3\% to 3.3\%) and towards ABS (7.0\% to $12.2 \%$ ) and corporate bonds ( $57.8 \%$ to $63.4 \%$ ).
- Of the $\$ 0.642$ billion of collateral provided by Bank of America, $37.2 \%$ are investment grade securities, $19.4 \%$ are non-investment grade securities, $0.0 \%$ are equities, and $43.5 \%$ are securities with unknown ratings.

Regards,
Luke

Luke Fitzpatrick
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Federal Reserve Bank of New York
Direct: (212) 720-2452


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# Primary Dealer Credit Facility Collateral Report 

For Thursday, May 07, 2009

## Highlights

- Total PDCF borrowing on Thursday remained at $\$ 0.60$ billion, unchanged from Wednesday.
- Bank of America, the only participant in the program, is currently providing $\$ 0.642$ billion of collateral against $\$ 0.60$ of borrowing. Of the collateral provided by Bank of America, $63.4 \%$ are corporate bonds, $20.8 \%$ are convertible bonds, and $12.2 \%$ are ABS. As compared to Wednesday, Bank of America's collateral shifted away from municipal bonds ( $14.3 \%$ to $3.3 \%$ ) and towards ABS ( $7.0 \%$ to $12.2 \%$ ) and corporate bonds ( $57.8 \%$ to $63.4 \%$ ).
- Of the $\$ 0.642$ billion of collateral provided by Bank of America, $37.2 \%$ are investment grade securities, $19.4 \%$ are noninvestment grade securities, $0.0 \%$ are equities, and $43.5 \%$ are securities with unknown ratings.


## Overnight Borrowings - in billions

| Dealer | $05 / 07 / 2009$ | $05 / 06 / 2009$ | $05 / 05 / 2009$ | $05 / 04 / 2009$ | $05 / 01 / 2009$ |
| :--- | :---: | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 0.60 | 0.60 | 0.70 | 0.70 | 0.60 |
| Total Borrowings | 0.60 | 0.60 | 0.70 | $\mathbf{0 . 7 0}$ | $\mathbf{0 . 6 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{0 . 6 4 2}$ | $\mathbf{0 . 6 4 2}$ | $\mathbf{0 . 7 5}$ | $\mathbf{0 . 7 5}$ | $\mathbf{0 . 6 4}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{7 . 0 0 \%}$ | $\mathbf{7 . 0 0 \%}$ | $\mathbf{7 . 1 4 \%}$ | $\mathbf{7 . 1 4 \%}$ | $\mathbf{6 . 6 7 \%}$ |

## PDCF Borrowing Trend



## Composition of Collateral Pledged for May 07 Borrowings - in millions

[^136]| Rating $^{1}$ | Bank of America | Total |
| :--- | ---: | :---: |
| Treasury | - | - |
| Agency | 0.3 | 0.3 |
| AAA | 0.8 | 0.8 |
| AA | 234.2 | 234.2 |
| A | - | - |
| BBB | 3.2 | 3.2 |
| BB | 70.7 | 70.7 |
| B | 19.9 | 19.9 |
| CCC-C | 30.6 | 30.6 |
| D | 3.2 | 3.2 |
| A-1 | - | - |
| A-2 | - | - |
| A-3 | - | - |
| NP | - | - |
| Equity | - | - |
| Unkn Rtg (Triparty) | $\mathbf{2 7 9 . 2}$ | $\mathbf{2 7 9 . 2}$ |
| Unkn Rtg (non-Triparty) | - | - |
| Total Collateral | $\mathbf{6 4 2 . 0}$ | $\mathbf{6 4 2 . 0}$ |
| Total Borrowings | $\mathbf{6 0 0 . 0}$ | $\mathbf{6 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{7 . 0 0 \%}$ | $\mathbf{7 . 0 0 \%}$ |

Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 7,419 | $0.00 \%$ |
| Agency | 287,692 | $0.04 \%$ |
| AAA | 777,996 | $0.12 \%$ |
| AA | $234,227,434$ | $36.48 \%$ |
| BBB | $3,207,700$ | $0.50 \%$ |
| BB | $70,656,410$ | $11.00 \%$ |
| B | $19,874,333$ | $3.10 \%$ |
| CCC-C | $30,600,651$ | $4.77 \%$ |
| D | $3,154,743$ | $0.49 \%$ |
| Unkn Rtg (Triparty) | $279,246,565$ | $43.49 \%$ |
| Total | $642,040,943$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $78,516,392$ | $12.23 \%$ |
| Agency Debt | 287,692 | $0.04 \%$ |
| Convertible Bonds-Domestic | $133,750,339$ | $20.83 \%$ |
| Corporates-Domestic | $407,259,516$ | $63.43 \%$ |
| FDCB | 777,996 | $0.12 \%$ |
| Muni | $21,441,589$ | $3.34 \%$ |
| Treasury | 7,419 | $0.00 \%$ |
| Total | $642,040,943$ | $100.00 \%$ |

## Collateral Composition by Dealer

| Dealer | Collateral |  | Rating | Dollar Value |
| :--- | :--- | :--- | ---: | ---: |
| Bank of America | ABS | AA | $77,756,704$ | $12.11 \%$ |
|  |  | BB | 592,444 | $0.09 \%$ |
|  | B | 813 | $0.00 \%$ |  |
|  | CCC-C | 140,475 | $0.02 \%$ |  |
|  | Unkn Rtg (Triparty) | 25,955 | $0.00 \%$ |  |
|  | Agency Debt | Agency | 287,692 | $0.04 \%$ |
| Convert ble Bonds-Domestic | Unkn Rtg (Triparty) | $133,750,339$ | $20.83 \%$ |  |
|  | Corporates-Domestic | AA | $156,470,730$ | $24.37 \%$ |
|  | BBB | $3,207,700$ | $0.50 \%$ |  |
|  | BB | $69,70,768$ | $10.87 \%$ |  |
|  | B | $19,87,520$ | $3.10 \%$ |  |
|  | CCC-C | $30,460,176$ | $4.74 \%$ |  |
|  | D | $3,154,743$ | $0.49 \%$ |  |
|  | Unkn Rtg (Triparty) | $124,321,879$ | $19.36 \%$ |  |
|  | AAA | 777,996 | $0.12 \%$ |  |
|  | BB | 293,198 | $0.05 \%$ |  |
|  | Unkn Rtg (Triparty) | $21,148,392$ | $3.29 \%$ |  |
|  | Treasury | 7,419 | $0.00 \%$ |  |
|  |  | $642,040,943$ | $100.00 \%$ |  |
|  |  |  |  |  |

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## Collateral Composition by Dealer (continued)

## RESTRICTED-FR

## Collateral Composition by Dealer (continued)

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

# PDCF Collateral Report for May 8 

William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for May 8:

- Total PDCF borrowing on Friday remained at $\$ 0.60$ billion, unchanged from the previous two days.
- Bank of America, the only participant in the program, is currently providing $\$ 0.6421$ billion of collateral against $\$ 0.60$ billion of borrowing, for a collateral buffer of $7.02 \%$. Of the collateral provided by Bank of America, $65.4 \%$ are corporate bonds, $20.8 \%$ are convertible bonds, and $13.4 \%$ are municipal bonds. As compared to Thursday, Bank of America's collateral shifted away from ABS ( $12.2 \%$ to $0.1 \%$ ) and towards municipal bonds ( $3.3 \%$ to $13.4 \%$ ).
- Of the $\$ 0.6421$ billion of collateral provided by Bank of America, $28.6 \%$ are investment grade securities, $21.1 \%$ are non-investment grade securities, $0.0 \%$ are equities, and $50.2 \%$ are securities with unknown ratings. Of the securities of unknown rating, $20.8 \%$ are convertible bonds, $19.3 \%$ are corporate bonds, and $10.1 \%$ are municipal bonds.

Regards,
Luke

Luke Fitzpatrick
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Direct: (212) 720-2452


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# Primary Dealer Credit Facility Collateral Report 

For Friday, May 08, 2009

## Highlights

- Total PDCF borrowing on Friday remained at $\$ 0.60$ billion, unchanged from the previous two days.
- Bank of America, the only participant in the program, is currently providing $\$ 0.6421$ billion of collateral against $\$ 0.60$ billion of borrowing, for a collateral buffer of $7.02 \%$. Of the collateral provided by Bank of America, $65.4 \%$ are corporate bonds, $20.8 \%$ are convertible bonds, and $13.4 \%$ are municipal bonds. As compared to Thursday, Bank of America's collateral shifted away from ABS ( $12.2 \%$ to $0.1 \%$ ) and towards municipal bonds ( $3.3 \%$ to $13.4 \%$ ).
- Of the $\$ 0.6421$ billion of collateral provided by Bank of America, $28.6 \%$ are investment grade securities, $21.1 \%$ are noninvestment grade securities, $0.0 \%$ are equities, and $50.2 \%$ are securities with unknown ratings. Of the securities of unknown rating, $20.8 \%$ are convertible bonds, $19.3 \%$ are corporate bonds, and $10.1 \%$ are municipal bonds.


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 5 / 0 8 / 2 0 0 9}$ | 05/07/2009 | 05/06/2009 | $\mathbf{0 5 / 0 5 / 2 0 0 9}$ | 05/04/2009 |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 0.60 | 0.60 | 0.60 | 0.70 | 0.70 |
| Total Borrowings | $\mathbf{0 . 6 0}$ | $\mathbf{0 . 6 0}$ | $\mathbf{0 . 6 0}$ | $\mathbf{0 . 7 0}$ | $\mathbf{0 . 7 0}$ |


| Total Collateral | 0.64 | 0.64 | 0.64 | 0.75 | 0.75 |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| Collateral Cushion | $7.02 \%$ | $7.00 \%$ | $7.00 \%$ | $7.14 \%$ | $7.14 \%$ |

## PDCF Borrowing Trend



## Composition of Collateral Pledged for May 08 Borrowings - in millions

[^137]| Rating $^{1}$ | Bank of America | Total |
| :--- | ---: | ---: |
| Treasury | - | - |
| Agency | 0.3 | 0.3 |
| AAA | 11.2 | 11.2 |
| AA | 165.6 | 165.6 |
| A | 3.6 | 3.6 |
| BBB | 3.2 | 3.2 |
| BB | 75.5 | 75.5 |
| B | 20.9 | 20.9 |
| CCC-C | 36.0 | 36.0 |
| D | 3.2 | 3.2 |
| A-1 | - | - |
| A-2 | - | - |
| A-3 | - | - |
| NP | - | - |
| Equity | - | - |
| Unkn Rtg (Triparty) | $\mathbf{3 2 2 . 5}$ | $\mathbf{3 2 2 . 5}$ |
| Unkn Rtg (non-Triparty) | - | - |
| Total Collateral | $\mathbf{6 4 2 . 1}$ | $\mathbf{6 4 2 . 1}$ |
| Total Borrowings | $\mathbf{6 0 0 . 0}$ | $\mathbf{6 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{7 . 0 2 \%}$ | $\mathbf{7 . 0 2 \%}$ |

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Collateral Value and Rating Distribution by Dealer


Page 5 of 9

Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 7,420 | $0.00 \%$ |
| Agency | 286,525 | $0.04 \%$ |
| AAA | $11,198,527$ | $1.74 \%$ |
| AA | $165,584,050$ | $25.79 \%$ |
| A | $3,636,134$ | $0.57 \%$ |
| BBB | $3,217,371$ | $0.50 \%$ |
| BB | $75,482,732$ | $11.76 \%$ |
| B | $20,921,068$ | $3.26 \%$ |
| CCC-C | $36,026,401$ | $5.61 \%$ |
| D | $3,190,949$ | $0.50 \%$ |
| Unkn Rtg (Triparty) | $322,507,454$ | $50.23 \%$ |
| Total | $642,058,631$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | 760,374 | $0.12 \%$ |
| Agency Debt | 286,525 | $0.04 \%$ |
| Convertible Bonds-Domestic | $133,751,124$ | $20.83 \%$ |
| Corporates-Domestic | $419,807,549$ | $65.38 \%$ |
| FDCB | $1,165,918$ | $0.18 \%$ |
| Muni | $86,279,721$ | $13.44 \%$ |
| Treasury | 7,420 | $0.00 \%$ |
| Total | $642,058,631$ | $100.00 \%$ |

## RESTRICTED-FR

## Collateral Composition by Dealer

| Dealer | Collateral | Rating | Dollar Value | \% Total |
| :---: | :---: | :---: | :---: | :---: |
| Bank of America | ABS | BB | 592,983 | 0.09\% |
|  |  | B | 813 | 0.00\% |
|  |  | CCC-C | 140,475 | 0.02\% |
|  |  | Unkn Rtg (Triparty) | 26,103 | 0.00\% |
|  | Agency Debt | Agency | 286,525 | 0.04\% |
|  | Convert ble Bonds-Domestic | Unkn Rtg (Triparty) | 133,751,124 | 20.83\% |
|  | Corporates-Domestic | AA | 165,584,050 | 25.79\% |
|  |  | BBB | 3,217,371 | 0.50\% |
|  |  | BB | 71,938,365 | 11.20\% |
|  |  | B | 20,920,255 | 3.26\% |
|  |  | CCC-C | 31,135,926 | 4.85\% |
|  |  | D | 3,190,949 | 0.50\% |
|  |  | Unkn Rtg (Triparty) | 123,820,633 | 19.28\% |
|  | FDCB | AAA | 1,165,918 | 0.18\% |
|  | Muni | AAA | 10,032,609 | 1.56\% |
|  |  | A | 3,636,134 | 0.57\% |
|  |  | BB | 2,951,384 | 0.46\% |
|  |  | CCC-C | 4,750,000 | 0.74\% |
|  |  | Unkn Rtg (Triparty) | 64,909,595 | 10.11\% |
|  | Treasury | Treasury | 7,420 | 0.00\% |
|  | Dealer Total |  | 642,058,631 | 100.00\% |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF Collateral Report for May 11
William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan 05/12/2009 10:01 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

Highlights for May 11:

- Total PDCF borrowing on Monday remained at $\$ 0.60$ billion, unchanged from the previous three days.
- Bank of America, the only participant in the program, is currently providing $\$ 0.643$ billion of collateral against $\$ 0.60$ of borrowing. Of the collateral provided by Bank of America, $34.4 \%$ are investment grade securities, $23.9 \%$ are non-investment grade securities, $0.0 \%$ are equities, and $41.7 \%$ are securities of unknown rating. Of the collateral with unknown ratings, $19.4 \%$ are corporate bonds, $18.4 \%$ are convertible bonds, and $3.9 \%$ are municipal bonds.
- Of the $\$ 0.643$ billion of collateral provided by Bank of America, $68.2 \%$ are corporate bonds, $19.7 \%$ are convertible bonds, $5.9 \%$ are MBS, and $4.0 \%$ are municipal bonds. As compared to Friday this represents a shift away from municipal bonds ( $13.4 \%$ to $4.0 \%$ ) and convertible bonds ( $20.9 \%$ to $19.7 \%$ ) and towards MBS ( $0.0 \%$ to $5.9 \%$ ), corporate bonds ( $65.4 \%$ to $68.2 \%$ ), and ABS ( $0.1 \%$ to 2.1\%).

Regards,
Luke

Luke Fitzpatrick
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PDCF Charts and Tables - 20090511.doc

# Primary Dealer Credit Facility Collateral Report 

For Monday, May 11, 2009

## Highlights

- Total PDCF borrowing on Monday remained at $\$ 0.60$ billion, unchanged from the previous three days.
- Bank of America, the only participant in the program, is currently providing $\$ 0.643$ billion of collateral against $\$ 0.60$ of borrowing. Of the collateral provided by Bank of America, $34.4 \%$ are investment grade securities, $23.9 \%$ are non-investment grade securities, $0.0 \%$ are equities, and $41.7 \%$ are securities of unknown rating. Of the collateral with unknown ratings, $19.4 \%$ are corporate bonds, $18.4 \%$ are convertible bonds, and $3.9 \%$ are municipal bonds.
- Of the $\$ 0.643$ billion of collateral provided by Bank of America, $68.2 \%$ are corporate bonds, $19.7 \%$ are convertible bonds, $5.9 \%$ are MBS, and $4.0 \%$ are municipal bonds. As compared to Friday this represents a shift away from municipal bonds ( $13.4 \%$ to $4.0 \%$ ) and convertible bonds ( $20.9 \%$ to $19.7 \%$ ) and towards MBS ( $0.0 \%$ to $5.9 \%$ ), corporate bonds ( $65.4 \%$ to $68.2 \%$ ), and ABS ( $0.1 \%$ to $2.1 \%$ ).

Overnight Borrowings - in billions

| Dealer | $\mathbf{0 5 / 1 1 / 2 0 0 9}$ | $05 / 08 / 2009$ | $05 / 07 / 2009$ | $05 / 06 / 2009$ | $05 / 05 / 2009$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Bank of America | 0.60 | 0.60 | 0.60 | 0.60 | 0.70 |
| Total Borrowings | 0.60 | 0.60 | 0.60 | 0.60 | 0.70 |
|  |  |  |  |  |  |
| Total Collateral | 0.64 | 0.64 | 0.64 | 0.64 | $\mathbf{0 . 7 5}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{7 . 1 8 \%}$ | $\mathbf{7 . 0 2 \%}$ | $\mathbf{7 . 0 0 \%}$ | $\mathbf{7 . 0 0 \%}$ | $\mathbf{7 . 0 0 \%}$ |

## PDCF Borrowing Trend



## Composition of Collateral Pledged for May 11 Borrowings - in millions

[^138]| Rating $^{1}$ | Bank of America | Total |
| :--- | ---: | ---: |
| Treasury | - | - |
| Agency | 0.3 | 0.3 |
| AAA | 0.5 | 0.5 |
| AA | 217.0 | 217.0 |
| A | - | - |
| BBB | 3.2 | 3.2 |
| BB | 70.9 | 70.9 |
| B | 44.0 | 44.0 |
| CCC-C | 31.6 | 31.6 |
| D | 7.5 | 7.5 |
| A-1 | - | - |
| A-2 | - | - |
| A-3 | - | - |
| NP | - | - |
| Equity | - | - |
| Unkn Rtg (Triparty) | $\mathbf{2 6 8 . 1}$ | $\mathbf{2 6 8 . 1}$ |
| Unkn Rtg (non-Triparty) | - | - |
| Total Collateral | $\mathbf{6 4 3 . 1}$ | $\mathbf{6 4 3 . 1}$ |
| Total Borrowings | $\mathbf{6 0 0 . 0}$ | $\mathbf{6 0 0 . 0}$ |
| Collateral Cushion | $\mathbf{7 . 1 8 \%}$ | $\mathbf{7 . 1 8 \%}$ |

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Collateral Value and Rating Distribution by Dealer


Distribution of Total Pledged Collateral by Rating


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Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Treasury | 7,420 | $0.00 \%$ |
| Agency | 286,698 | $0.04 \%$ |
| AAA | 455,477 | $0.07 \%$ |
| AA | $216,964,958$ | $33.74 \%$ |
| BBB | $3,229,583$ | $0.50 \%$ |
| BB | $70,891,736$ | $11.02 \%$ |
| B | $44,037,208$ | $6.85 \%$ |
| CCC-C | $31,611,515$ | $4.92 \%$ |
| D | $7,540,526$ | $1.17 \%$ |
| Unkn Rtg (Triparty) | $268,051,543$ | $41.68 \%$ |
| Total | $643,076,664$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | $13,809,994$ | $2.15 \%$ |
| Agency Debt | 286,698 | $0.04 \%$ |
| Convertible Bonds-Domestic | $126,894,704$ | $19.73 \%$ |
| Corporates-Domestic | $438,233,415$ | $68.15 \%$ |
| FDCB | 388,829 | $0.06 \%$ |
| MBS - Private (CMO) | $37,968,036$ | $5.90 \%$ |
| Muni | $25,487,568$ | $3.96 \%$ |
| Treasury | 7,420 | $0.00 \%$ |
| Total | $643,076,664$ | $100.00 \%$ |

## RESTRICTED-FR

## Collateral Composition by Dealer

| Dealer | Collateral |  | Rating | Dollar Value |
| :--- | :--- | ---: | ---: | ---: |
| Bank of America | ABS | AA | $13,047,360$ | $2.03 \%$ |
|  |  | BB | 594,599 | $0.09 \%$ |
|  | B | 814 | $0.00 \%$ |  |
|  | CCC-C | 140,475 | $0.02 \%$ |  |
|  | Unkn Rtg (Triparty) | 26,746 | $0.00 \%$ |  |
|  | Agency | 286,698 | $0.04 \%$ |  |
|  | Agency Debt | BB | $8,817,708$ | $1.37 \%$ |
|  | Convert ble Bonds-Domestic | Unkn Rtg (Triparty) | $118,076,996$ | $18.36 \%$ |
|  | AA | $165,949,562$ | $25.81 \%$ |  |
| Corporates-Domestic | BBB | $3,229,583$ | $0.50 \%$ |  |
|  | BB | $61,086,231$ | $9.50 \%$ |  |
|  | B | $44,036,394$ | $6.85 \%$ |  |
|  | CCC-C | $31,471,040$ | $4.89 \%$ |  |
|  | D | $7,540,526$ | $1.17 \%$ |  |
|  | Unkn Rtg (Triparty) | $124,920,079$ | $19.43 \%$ |  |
|  | AAA | 388,829 | $0.06 \%$ |  |
|  | AA | $37,968,036$ | $5.90 \%$ |  |
|  | AAA | 66,648 | $0.01 \%$ |  |
|  | FDCB | 393,198 | $0.06 \%$ |  |
| MBS - Private (CMO) | Unkn Rtg (Triparty) | $25,027,722$ | $3.89 \%$ |  |
| Muni | Treasury | 7,420 | $0.00 \%$ |  |
|  |  | $643,076,664$ | $100.00 \%$ |  |
|  |  |  |  |  |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

## RESTRICTED FR

Highlights for May 12:

- Total PDCF borrowing on Tuesday was $\$ 0.375$ billion, a decrease of $\$ 0.23$ billion from Monday. This represents the smallest amount of PDCF borrowing since September 11, 2008.
- Bank of America, the only participant in the program, is currently providing $\$ 0.401$ billion of collateral against $\$ 0.375$ of borrowing. Of the collateral provided by Bank of America, $74.5 \%$ are corporate bonds, $25.4 \%$ are municipal bonds, and $0.2 \%$ are ABS. As compared to Monday, Bank of America's collateral shifted away from convertible bonds (19.7\% to 0.0\%), MBS ( $5.9 \%$ to $0.0 \%$ ), and ABS ( $2.1 \%$ to $0.2 \%$ ). In response to these alterations in collateral there was a shift towards municipal bonds ( $4.0 \%$ to $25.4 \%$ ) and corporate bonds ( $68.2 \%$ to $74.5 \%$ ).
- Of the $\$ 0.401$ billion of collateral provided by Bank of America, $61.1 \%$ are investment grade securities, $16.5 \%$ are non-investment grade securities, $0.0 \%$ are equities, and $22.5 \%$ are securities with unknown ratings. As compared to Monday, this represents a shift away from securities of unknown rating ( $41.7 \%$ to $22.5 \%$ ) and non-investment grade securities ( $24.0 \%$ to $16.5 \%$ ) and towards investment grade securities ( $34.4 \%$ to $61.1 \%$ ).

Regards, Luke

[^139]PDCF Charts and Tables - 20090512 .doc

# Primary Dealer Credit Facility Collateral Report 

For Tuesday, May 12, 2009

## Highlights

- Total PDCF borrowing on Tuesday was $\$ 0.375$ billion, a decrease of $\$ 0.23$ billion from Monday. This represents the smallest amount of PDCF borrowing since September 11, 2008.
- Bank of America, the only participant in the program, is currently providing $\$ 0.401$ billion of collateral against $\$ 0.375$ of borrowing. Of the collateral provided by Bank of America, $74.5 \%$ are corporate bonds, $25.4 \%$ are municipal bonds, and $0.2 \%$ are ABS. As compared to Monday, Bank of America's collateral shifted away from convertible bonds ( $19.7 \%$ to $0.0 \%$ ), MBS ( $5.9 \%$ to $0.0 \%$ ), and ABS $(2.1 \%$ to $0.2 \%)$. In response to these alterations in collateral there was a shift towards municipal bonds ( $4.0 \%$ to $25.4 \%$ ) and corporate bonds ( $68.2 \%$ to $74.5 \%$ ).
- Of the $\$ 0.401$ billion of collateral provided by Bank of America, $61.1 \%$ are investment grade securities, $16.5 \%$ are noninvestment grade securities, $0.0 \%$ are equities, and $22.5 \%$ are securities with unknown ratings. As compared to Monday, this represents a shift away from securities of unknown rating ( $41.7 \%$ to $22.5 \%$ ) and non-investment grade securities ( $24.0 \%$ to $16.5 \%$ ) and towards investment grade securities ( $34.4 \%$ to $61.1 \%$ ).


## Overnight Borrowings - in billions

| Dealer | $\mathbf{0 5 / 1 2 / 2 0 0 9}$ | $\mathbf{0 5 / 1 1 / 2 0 0 9}$ | $\mathbf{0 5 / 0 8 / 2 0 0 9}$ | $\mathbf{0 5 / 0 7 / 2 0 0 9}$ | $05 / 06 / 2009$ |
| :--- | :---: | :---: | :---: | ---: | ---: | ---: |
| Bank of America | 0.38 | 0.60 | 0.60 | 0.60 | 0.60 |
| Total Borrowings | $\mathbf{0 . 3 8}$ | $\mathbf{0 . 6 0}$ | $\mathbf{0 . 6 0}$ | $\mathbf{0 . 6 0}$ | $\mathbf{0 . 6 0}$ |
|  |  |  |  |  |  |
| Total Collateral | $\mathbf{0 . 4 0}$ | $\mathbf{0 . 6 4}$ | $\mathbf{0 . 6 4}$ | $\mathbf{0 . 6 4}$ | $\mathbf{0 . 6 4}$ |
|  |  |  |  |  |  |
| Collateral Cushion | $\mathbf{7 . 0 1 \%}$ | $\mathbf{7 . 1 8 \%}$ | $\mathbf{7 . 0 2 \%}$ | $\mathbf{7 . 0 0 \%}$ | $\mathbf{7 . 0 0 \%}$ |

## PDCF Borrowing Trend



## Composition of Collateral Pledged for May 12 Borrowings - in millions

[^140]| Rating ${ }^{1}$ | Bank of America | Total |
| :--- | ---: | ---: |
| Treasury | - | - |
| Agency | - | - |
| AAA | 18.7 | 18.7 |
| AA | 201.4 | 201.4 |
| A | 21.0 | 21.0 |
| BBB | 3.9 | 3.9 |
| BB | 65.9 | 65.9 |
| B | - | - |
| CCC-C | 0.1 | 0.1 |
| D | - | - |
| A-1 | - | - |
| A-2 | - | - |
| A-3 | - | - |
| NP | - | - |
| Equity | - | - |
| Unkn Rtg (Triparty) | 90.3 | 90.3 |
| Unkn Rtg (non-Triparty) | - | - |
| Total Collateral | 401.3 | $\mathbf{4 0 1 . 3}$ |
| Total Borrowings | $\mathbf{3 7 5 . 0}$ | $\mathbf{3 7 5 . 0}$ |
| Collateral Cushion | $\mathbf{7 . 0 1 \%}$ | $\mathbf{7 . 0 1 \%}$ |

Page 3 of 9

Collateral Value and Rating Distribution by Dealer


Page 5 of 9

Distribution of Total Pledged Collateral by Rating


Page 6 of 9

Distribution of Total Pledged Collateral by Asset Class


Collateral Composition across all PDCF Participating Dealers

| Rating | Dollar Value | \% Total |
| :--- | ---: | ---: |
| Agency | 2,096 | $0.00 \%$ |
| AAA | $18,672,096$ | $4.65 \%$ |
| AA | $201,434,849$ | $50.20 \%$ |
| A | $20,971,675$ | $5.23 \%$ |
| BBB | $3,936,020$ | $0.98 \%$ |
| BB | $65,868,892$ | $16.41 \%$ |
| B | 815 | $0.00 \%$ |
| CCC-C | 140,475 | $0.04 \%$ |
| Unkn Rtg (Triparty) | $90,273,740$ | $22.50 \%$ |
| Total | $401,300,656$ | $100.00 \%$ |


| Collateral Type | Dollar Value | \% Total |
| :--- | ---: | ---: |
| ABS | 736,427 | $0.18 \%$ |
| Agency Debt | 2,096 | $0.00 \%$ |
| Corporates-Domestic | $298,763,045$ | $74.45 \%$ |
| Muni | $101,799,088$ | $25.37 \%$ |
| Total | $401,300,656$ | $100.00 \%$ |

## RESTRICTED-FR

## Collateral Composition by Dealer

| Dealer | Collateral |  | Rating | Dollar Value |
| :---: | :--- | :--- | ---: | ---: |
| Bank of America | ABS | BB | 595,138 | $0.15 \%$ |
|  |  | B | 815 | $0.00 \%$ |
|  | Agency Debt | Agency | 140,475 | $0.04 \%$ |
|  | Corporates-Domestic | AA | 2,096 | $0.00 \%$ |
|  | BBB | $167,110,700$ | $41.64 \%$ |  |
|  | BB | $3,239,254$ | $0.81 \%$ |  |
|  | Unkn Rtg (Triparty) | $60,369,973$ | $15.04 \%$ |  |
|  | AAA | $68,043,118$ | $16.96 \%$ |  |
|  | AA | $18,672,096$ | $4.65 \%$ |  |
|  | A | $34,324,149$ | $8.55 \%$ |  |
|  | BBB | $20,971,675$ | $5.23 \%$ |  |
|  | BB | 696,765 | $0.17 \%$ |  |
|  | Unkn Rtg (Triparty) | $4,903,782$ | $1.22 \%$ |  |
|  |  | $22,230,622$ | $5.54 \%$ |  |
|  |  | $401,300,656$ | $100.00 \%$ |  |

## Notes

1. The market value of the overnight PDCF collateral is the market value reported by the clearing banks.
2. As of May 30, the classification of securities has been slightly adjusted to more closely align securities with their descriptive category.

PDCF Collateral Report for May 13
William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan 05/14/2009 09:44 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

There were no PDCF borrowing requests from any primary dealer for May 13, 2008. The collateral report will continue when borrowing resumes.

Regards,
Luke
Luke Fitzpatrick
Markets Group
Federal Reserve Bank of New York
Direct: (212) 720-2452

PDCF Collateral Report for May 14
William Dudley, Thomas Baxter, Terrence Checki,
Luke C Fitzpatrick to: William Rutledge, Christine Cumming, Susan 05/15/2009 09:48 AM
McLaughlin, William Walsh, Spence Hilton, Debby

## RESTRICTED FR

There were no PDCF borrowing requests from any primary dealer for May 14, 2008. The collateral report will continue when borrowing resumes.

Regards,
Luke

Luke Fitzpatrick
Markets Group
Federal Reserve Bank of New York
Direct: (212) 720-2452


[^0]:    * Includes additional commercial loans in a Borrower-In-Custody arrangement and pledges of swap receivables.

[^1]:    ${ }^{-1}$ As of May 30, reported ratings reflect the lowest of the available ratings of each security.
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[^39]:    畇
    PDCF Charts and Tables - 20081231.doc
    Regards,
    Tony
    Anthony Maglia
    Markets Group
    Federal Reserve Bank of New York
    212-720-6112

[^40]:    ${ }^{1}$ As of May 30, reported ratings reflect the lowest of the available ratings of each security.
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[^43]:    * Includes additional commercial loans in a Borrower-In-Custody arrangement.

[^44]:    ${ }^{-1}$ As of May 30, reported ratings reflect the lowest of the available ratings of each security.
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[^45]:    * Includes additional commercial loans in a Borrower-In-Custody arrangement

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    Tony
    Anthony Maglia
    Markets Group
    Federal Reserve Bank of New York
    212-720-6112

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    Markets Group
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[^90]:    ${ }^{1}$ Collateral pledged to the "OMO" program includes collateral for Single Tranch OMOs and standard temporary OMOs.

[^91]:    ${ }^{4}$ Due to an absence of agency ratings and current gaps in our internal databases, ratings on some types of assets are unknown. Securities with unknown ratings are labeled "N/A". They are principally corporate bonds and municipal bonds.

[^92]:    ${ }^{5}$ Due to current gaps in our internal databases, descriptions of some Agency MBS are incomplete. These charts represent the breakdown for Agency MBS with available descriptions.

[^93]:    ${ }^{1}$ Collateral pledged to the "OMO" program includes collateral for Single Tranch OMOs and standard temporary OMOs.

[^94]:    ${ }^{2}$ Values highlighted in red denote the category maximum.
    ${ }^{3}$ Due to current gaps in our internal databases, descriptions of some type of assets are incomplete. The securities are labeled "Other" and are principally whole loans and foreign sovereign debt.

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