# FEDERAL RESERVE statistical release

These data are scheduled for release each Thursday at 4:30 p.m.



H.6 (508) Table 1

# MONEY STOCK, LIQUID ASSETS, AND DEBT MEASURES

Billions of dollars

|            | M1  | M2   | M3  | L   | Debt                                     |
|------------|---|--|---|---|--|
| Date       | Sum of currency,<br>travelers checks,<br>demand deposits and<br>other checkable deposits <sup>1</sup> | M1 plus overnight RPs<br>and Eurodollars,<br>MMMF balances (gen. pur.<br>and broker/dealer), MMDAs,<br>and savings and small<br>time deposits <sup>2</sup> | M2 plus<br>large time deposits,<br>term RPs, term Eurodollars<br>and institution-only<br>MMMF balances <sup>3</sup> | M3 plus other<br>liquid assets <sup>4</sup> | Debt of domestic<br>nonfinancial sectors |
|            | L   |  | Seasonally adjusted   |   |  |
|            |   |  |   |   |  |
| 985HAY     | 582.5   | 2451.9   | 3069.9  | 3638.2                                      | 6256.5                                   |
| JUNE       | 590.9   | 2479.0   | 3098.0  | 3667.4                                      | 6320.2                                   |
| JULY       | 596.2   | 2496.1   | 3113.3  | 3685.2                                      | 6389-8                                   |
| AUG.       | 604.8   | 2515.4   | 3131.4  | 3713.1                                      | 6460.3                                   |
| SEPT.      | 611.5   | 2529.5   | 3151.5  | 3741.1                                      | 6545.3                                   |
| OCT.       | 614.2   | 2538.4   | 3166.0  | 3762.3                                      | 6592.0                                   |
| NOV.       | 620.1   | 2550.8   | 3180.9  | 3798.8                                      | 6680.3                                   |
| DEC.       | 626.6   | 2565.8   | 3200.1  | 3836.8                                      | 6809.8                                   |
| 986JA N.   | 627.2   | 2569.1   | 3222.9  | 3858.8                                      | 6914.1                                   |
| FEB.       | 631.1   | 2576.8   | 3239.5  | 3878.4                                      | 6964.5                                   |
| HAR.       | 638.4   | 2591.3   | 3259.2  | 3891.2                                      | 7012.6                                   |
| APR.       | 646.1   | 2621.6   | 3288.8  |   | 7069-5                                   |
| BAY P      | 658.4   | 2647.7   | 3307.0  |   |  |
|            | l   | ·  | Not seasonally adjusted   |   | _ <b>I</b>                               |
| · •        |   |  |   |   |  |
| 1985MAY    | 576.5   | 2444.1   | 3063.9  | 3626.6                                      | 6231.9                                   |
| JUNE       | 592.7   | 2480.7   | 3098.0  | 3666.5                                      | 6299.3                                   |
| JULY       | 599.6   | 2501.0   | 3110.8  | 3684.6                                      | 6370.3                                   |
| AUG.       | 602.0   | 2510.9   | 3127.3  | 3710.9                                      | 6441.5                                   |
| SEPT.      | 609.1   | 2521.0   | 3145.0  | 3736.8                                      | 6509-9                                   |
| OCT.       | 612.2   | 2533.7   | 3163.0  | 3759.8                                      | 6578.4                                   |
| NO 7.      | 621.7   | 2549.1   | 3184.3  | 3801.5                                      | 6667.1                                   |
| DEC.       | 639.9   | 2573.9   | 3212.8  | 3843.1                                      | 6803.9                                   |
| 1986 JA N. | 633. 5  | 2577.9   | 3230.6  | 3864.0                                      | 6907.5                                   |
| FEB.       | 619.2   | 2570.1   | 3231.5  | 3870.8                                      | 6945-2                                   |
| MAR.       | 630.5   | 2593.3   | 3259.5  | 3895.4                                      | 6985.6                                   |
| APR_       | 652.8   | 2631.2   | 3295.3  |   | 7040.9                                   |
| MAY P      | 651.5   | 2638.7   | 3300.2  |   |  |

|                   |          | M1              |                     |                |                         |                |                |  |  |  |  |  |  |
|-------------------|----------|-----------------|---------------------|----------------|-------------------------|----------------|----------------|--|--|--|--|--|--|
| For period e      | ended    |                 | Seasonally adjusted |                | Not seasonally adjusted |                |                |  |  |  |  |  |  |
|                   |          | 13-week average | 4-week average      | week average   | 13-week average         | 4-week average | week average   |  |  |  |  |  |  |
| 1986 <b>-8a</b> y | 5        | 640.0           | 647.5               | 654.7          | 636.1                   | 652.6          | 654-0          |  |  |  |  |  |  |
|                   | 12<br>19 | 641.9           | 651.2               | 656.1          | 638-4                   | 651.6          | 653.1          |  |  |  |  |  |  |
|                   | 26 P     | 644.1<br>646.1  | 654.5<br>657.5      | 658.8<br>660.5 | 640.9<br>643.1          | 650-3<br>650-7 | 652.8<br>642.8 |  |  |  |  |  |  |
| JUNE              | 2 P      | 648.5           | 659.7               | 663.2          | 645.9                   | 651.8          | 658.5          |  |  |  |  |  |  |
|                   |          |                 |                     |                |                         |                |                |  |  |  |  |  |  |
|                   |          |                 |                     |                |                         |                |                |  |  |  |  |  |  |
|                   |          |                 | 1 1                 |                |                         | · ·            |                |  |  |  |  |  |  |

NOTE: SPECIAL CAUTION SHOULD BE TAKEN IN INTERPRETING WEEK-TO-WEEK CHANGES IN MONEY SUPPLY DATA, WHICH ARE Highly volatile and subject to revision. P--Indicates Preliminary data.

POOTNOTES APPEAR ON THE FOLLOWING PAGE

#### JUNE 12, 1986

## MONEY STOCK, LIQUID ASSETS AND DEBT MEASURES

Percent change at seasonally adjusted annual rates

|                 |                 |        |       |                |     |         |      |           |      | 440 |       |
|-----------------|-----------------|--------|-------|----------------|-----|---------|------|-----------|------|-----|-------|
|                 |                 |        |       |                |     |         |      | <u>M1</u> | M2   | M3  | Debt1 |
| 3 80            | onths           | FROM   | PBB.  | 1986           | TO  | HAY     | 1986 | 17.3      | 11.0 | 8.3 | 9.0   |
| 6 80            | o <b>nt h</b> s | PROM   | NO V. | 1985           | TO  | HAY     | 1986 | 12.4      | 7.6  | 7.9 | 14-5  |
| 12 80           | ) <b>n</b> ths  | PROB   | HAY   | 1985           | TO  | HAY     | 1986 | 13.0      | 8.0  | 7.7 | 14.2  |
|                 |                 |        |       |                |     |         |      |           |      |     |       |
| teirteri<br>Peo |                 |        |       | JONE<br>Ks end |     |         |      |           |      |     |       |
| HAR.            | . 3,            | , 198  | 6 (13 | <b>BEKK</b> S  | PHI | evious) |      | 12.8      |      |     |       |
| DBC.            | . 2,            | , 198  | 5 (26 | WBEKS          | PRI | BVIOUS) |      | 10.7      |      |     |       |
| JUNE            | B 3,            | , 1985 | 5 (52 | BEKS           | PRI | BVIOUS) |      | 12.4      |      |     |       |

2

1/ GROWTH RATES FOR DEBT AND BASED ON PERIODS BEGINNING AND ENDING ONE MONTH BARLIER THAN FOR THE MONETANY AGGREGATES, NAMELY, JANUARY 1986 TO APRIL 1986, OCTOBER 1985 TO APRIL 1986, AND APRIL 1985 TO APRIL 1986, RESPECTIVELY.

FOOTNOTES TO TABLE 1

- 1/ CONSISTS OF (1) CURRENCT OUTSIDE THE TREASULT, PEDERAL RESERVE BANKS, AND THE VAULTS OF COMMERCIAL BANKS; (2) TRAVELEES CHECKS OF NONBANK ISSUERS; (3) DEMAND DEPOSITS AT ALL COMMERCIAL BANKS OTHER THAN THOSE DUE TO DOMESTIC BANKS, THE U.S. GOVERNMENT, AND FOREIGN BANKS AND OFFICIAL INSTITUTIONS LESS CASH ITEMS IN THE PEOCESS OF COLLECTION AND FEDERAL RESERVE FLOAT; AND (4) OTHER CHECKABLE DEPOSITS (OCD) CONSISTING OF NEGOTIABLE ONDER OF WITHDRAVAL (NOW) AND AUTOMATIC TRANSFER SERVICE (ATS) ACCOUNTS AT DEPOSITORY INSTITUTIONS, CREDIT UNION SHARE DRAFT ACCOUNTS AND DEMAND DEPOSITS AT THEIFT INSTITUTIONS. THE CURRENCY AND DEMAND DEPOSIT COMPONENTS EXCLUDE THE ESTIMATED ANOUNT OF VAULT CASH AND DEMAND DEPOSITS, RESPECTIVELY, HELD BY THEIFT INSTITUTIONS TO SERVICE THEIR OCD LIABILITIES.
- 2/ CONSISTS OF H1 PLUS OVERNIGHT (AND CONTINUING CONTRACT) RPS ISSUED BY ALL COMMERCIAL BANKS AND OVERNIGHT EURODOLLARS ISSUED TO U.S. RESIDENTS BY FOREIGN BRANCHES OF U.S. BANKS HORLDWIDE, MMDAS, SAVINGS AND SMALL DEMONINATION TIME DEPOSITS (TIME DEPOSITS--INCLUDING RETAIL RPS--IN ANOUNTS OF LESS THAN \$100,000), AND BALANCES IN BOTH TAXABLE AND TAX-BEENPT GENERAL PURPOSE AND BEOKER/DEALER MOMEY MARKET MUTUAL FONDS. EXCLUDES INA AND KEOGH BALANCES AT DEPOSITORY INSTITUTIONS AND MONEY MARKET FUNDS. ALSO EXCLUDES ALL BALANCES HELD BY U.S. COMMERCIAL BANKS, MONEY MARKET FUNDS (GENERAL PURPOSE AND BEOKER/DEALER), FOREIGN GOVERNMENTS AND COMMERCIAL BANKS, AND THE U.S. GOVERNMENT. ALSO SUBTRACTED IS A CONSOLIDATION ADJUSTMENT THAT REPRESENTS THE ESTIMATED AMOUNT OF DEMAND DEPOSITS AND VAULT CASH HELD BY THRIFT INSTITUTIONS TO SERVICE THEIR TIME AND SAVINGS DEPOSITS.
- 3/ CONSISTS OF M2 PLUS LARGE DEMOMINATION TIME DEPOSITS (IN AMOUNTS OF \$100,000 OR MORE) AND TERM MP LIABILITIES ISSUED BY COMMERCIAL BANKS AND THRIPT INSTITUTIONS, TERM BURODOLLARS HELD BY U.S. RESIDENTS AT FOREIGN BRANCHES OF U.S. BANKS WORLDWIDE AND AT ALL BANKING OFFICES IN THE UNITED KINGDOM AND CANADA, AND BALANCES IN BOTH TAXABLE AND TAX-EXEMPT INSTITUTION-ONLY MONEY MARKET MUTUAL FUNDS. EXCLUDES AMOUNTS HELD BY DEPOSITORY INSTITUTIONS, THE U.S. GOVERNMENT, MONEY MARKET FUNDS, AND FOREIGN BANKS AND OFFICIAL INSTITUTIONS. ALSO SUBTRACTED IS A CONSOLIDATION ADJUSTMENT THAT REPERSENTS THE ESTIMATED AMOUNT OF OVERNIGHT RPS AND EURODOLLARS HELD BY INSTITUTION-ONLY MONEY MARKET MUTUAL FUNDS.
- 4/ CONSISTS OF H3 PLUS THE NONBANK PUBLIC HOLDINGS OF U.S. SAVINGS BONDS, SHORT-TERN TREASURY SECURITIES, CONNEBCIAL PAPER AND BANKERS ACCEPTANCES, NET OF HONEY MARKET MUTUAL FUND ROLDINGS OF THESE ASSETS.
- 5/ DEBT OF DOMESTIC NONFINANCIAL SECTORS CONSISTS OF OUTSTANDING CREDIT MARKET DEBT OF THE UNITED STATES GOVERNMENT, STATE AND LOCAL GOVERNMENTS AND PRIVATE NOMPINANCIAL SECTORS. PRIVATE DEBT CONSISTS OF CORPORATE BONDS, MORTGAGES, CONSUMER CREDIT (INCLUDING BANK LOANS), OTHER BANK LOANS, COMBERCIAL PAPER, BANKERS ACCEPTANCES AND OTHER DEBT INSTRUMENTS. THE DATA ARE DERIVED FROM THE FEDERAL RESERVE BOARD'S FLOW OF FUNDS ACCOUNTS. ALL DATA ON DEBT OF DOMESTIC NOMFINANCIAL SECTORS ARE PRESENTED IN MONTH-AVERAGE FORM, DERIVED BY AVERAGING MONTH-END LEVELS OF ADJACENT MONTHS. THE DATA HAVE ALSO BEEN ADJUSTED TO REMOVE STATISTICAL DISCONTINUITIES THAT MAY ARISE IN THE UNCERLYING FLOW OF FUNDS STATISTICS. THE PRESENTATION OF DEBT DATA IN THIS RELEASE DIFFERS, THEREFORE, FROM THE QUARTERLY FLOW OF FUNDS STATISTICS CONTAINED IN THE FEDERAL RESERVE BELEASES 2.7 AND 2.1. IN THOSE RELEASES, PUBLISHED LEVELS OF CREDIT MARKET DEBT ARE BEASURED ON A QUARTER-END BASIS AND INCLUDE DISCONTINUITIES.

#### H.8 (008) Table 3

## COMPONENTS OF THE MONEY STOCK

Billions of dollars, seasonally adjusted

|            | 1         |                     | l                     |                                      | Nontran  | eactions          | I        |                        |       | Selected         | nontreneecti           | one Herne |                        |                        |       |
|------------|-----------|---------------------|-----------------------|--------------------------------------|----------|-------------------|----------|------------------------|-------|------------------|------------------------|-----------|------------------------|------------------------|-------|
|            |           |                     | 1                     | Other                                | comp     |                   |          | wings deposit          |       | 87               | all time depo          | Hts"      |                        | e time depos           | ita"  |
| Date       | Currency' | Trevelore           | Demend                | checkable                            |          | in MS             |          | : at                   |       |                  | te.                    |           |                        | at .                   |       |
|            |           | checke <sup>2</sup> | deposits <sup>3</sup> | a <sup>3</sup> deposits <sup>4</sup> | ' in M2* | only <sup>a</sup> | benks    | thrift<br>Institutions | totel | commercial banks | thrift<br>Institutions | totel     | commercial<br>banks ** | thrift<br>Institutions | totel |
| 1985-BAT   | 163.2     | 5.5                 | 255.4                 | 158.4                                | 1869.5   | 617.9             | 121.2    | 109-6                  | 290.8 | 387.7            | 501.8                  | 889.5     | 269.3                  | 155.7                  | 425.0 |
| JUNE       | 164.4     | 5.7                 | 259.0                 | 161.8                                | 1888.1   | 619.1             | 122.1    | 171.5                  | 293.6 | 387.6            | 502.6                  | 890.3     | 267.3                  | 155.4                  | 422.7 |
| JULY       | 165.3     | 5.8                 | 260.4                 | 164.8                                | 1899.8   | 617.2             | 122.9    | 173.8                  | 296.7 | 386.7            | 501.3                  | 888.0     | 264.0                  | 154.3                  | 418.3 |
| AUG.       | 166.9     | 5.9                 | 263.1                 | 169.0                                | 1910.6   | 616.0             | 123.7    | 176.0                  | 299.7 | 383.4            | 497.5                  | 880.9     | 266.9                  | 154.1                  | 421.0 |
| SEPT.      | 167.7     | 5.9                 | 266.4                 | 171-5                                | 1918.0   | 622.0             | 124.0    | 176.3                  | 300.3 | 382.7            | 495.6                  | 878.3     | 270.6                  | 155.1                  | 425.6 |
| OCT.       | 168.7     | 5.9                 | 266.0                 | 173.7                                | 1924.2   | 627.6             | 124.4    | 177.9                  | 302.3 | 382.0            | 493.7                  | 875.7     | 273.9                  | 155.9                  | 429.7 |
| NOV.       | 169.8     | 5.9                 | 267.8                 | 176.7                                | 1930.6   | 630.1             | 124.8    | 179.0                  | 303.7 | 382.2            | 493.7                  | 876-0     | 276.7                  | 156.3                  | 432.9 |
| DEC.       | 170.6     | 5.9                 | 271.5                 | 178.6                                | 1939-2   | 634.3             | . 124. 5 | 179.1                  | 303.6 | 384.1            | 496.2                  | 860.3     | 279.1                  | 157.3                  | 436.5 |
| 1986-JAN.  | 171.9     | 5.9                 | 268.9                 | 180.5                                | 1941.9   | 653-8             | 124.7    | 179.3                  | 304.0 | 386.6            | 499.5                  | 886.0     | 289.7                  | 158.2                  | 447.9 |
| PBB.       | 172.9     | 5.9                 | 269.2                 | 183.1                                | 1945.7   | 662.7             | 125.0    | 180.0                  | 305.0 | 388.1            | 502.9                  | 891-0     | 291.5                  | 159.7                  | 451.2 |
| HAR.       | 173.9     | 6.1                 | 273.2                 | 185.2                                | 1952.9   | 667.9             | 125.7    | 181.3                  | 306.9 | 389.0            | 505.7                  | 894.7     | 287.0                  | 163.4                  | 450.4 |
| APR.       | 174.4     | 6.1                 | 275.7                 | 189.9                                | 1975.5   | 667.2             | 126.6    | 184.9                  | 311.5 | 387.9            | 508.3                  | 896.2     | 287.0                  | 165.0                  | 451.9 |
| HAY P      | 175.8     | 6.1                 | 281.4                 | 195.1                                | 1989.4   | 659.2             | 129.0    | 189.6                  | 318.6 | 384.8            | 506.2                  | 891.0     | 281.4                  | 164.7                  | 446.1 |
| BEK ENDING |           |                     |                       |                                      |          |                   |          |                        |       | <u> </u>         |                        |           |                        |                        |       |
| 986        |           |                     |                       |                                      |          |                   | 1        |                        |       | •                |                        |           |                        |                        |       |
| IAY 5      | 175.3     | i                   | 280.6                 | 192.6                                |          |                   | 127.6    |                        |       | 386-5            |                        |           | 283.9                  |                        |       |
| 12         | 175.5     |                     | 280.1                 | 194.4                                | r .      |                   | 128.4    |                        | -     | 385.6            |                        |           | 282.4                  |                        |       |
| 19         | 175.7     |                     | 281.8                 | 195.1                                |          |                   | 129.1    |                        |       | 384.8            |                        |           | 281.5                  |                        |       |
| 26 P       | 176.2     |                     | 281.6                 | 196.6                                |          |                   | 129.9    |                        |       | 383.8            |                        |           | 280.1                  |                        |       |
| IUNE 2 P   | 176.3     |                     | 284.0                 | 196.8                                |          |                   | 129.8    |                        |       | 383.1            |                        |           | 279.1                  |                        |       |
|            |           |                     |                       | _                                    |          |                   |          |                        |       |                  |                        |           |                        |                        |       |
|            |           |                     |                       |                                      |          |                   |          |                        |       |                  |                        |           |                        |                        | K     |

1/ CURRENCY OUTSIDE THE U.S. TREASURT, PEDERAL RESERVE BANKS AND VAULTS OF COMMERCIAL BANKS. BICLUDES THE ESTIMATED Amount of Vault Cash Held by thrift institutions to service their ocd liabilities.

2/ OUTSTANDING AMOUNT OF U.S. DOLLAR-DENOMINATED TRAVELERS CHECKS OF NONBANK ISSUERS. TRAVELERS CHECKS ISSUED BY DEPOSITORY INSTITUTIONS ARE INCLUDED IN DEMAND DEPOSITS.

- 3/ DEMAND DEPOSITS AT COMMERCIAL BANKS AND FOREIGN BELATED INSTITUTIONS OTHER THAN THOSE DUE TO DOMESTIC BANKS, THE U.S. GOVERN-HENT AND FOREIGN BANKS AND OFFICIAL INSTITUTIONS LESS CASH ITENS IN THE PROCESS OF COLLECTION AND FEDERAL RESERVE FLOAT. EXCLUDES THE ESTIMATED AMOUNT OF DEMAND DEPOSITS HELD AT COMMERCIAL BANKS BY THRIFT INSTITUTIONS TO SERVICE THEIR OCD LIABILITIES.
- 4/ CONSISTS OF NOW AND ATS BALANCES AT ALL DEPOSITORT INSTITUTIONS, CREDIT UNION SHARE DRAFT BALANCES AND DEMAND DEPOSITS AT THRIFT INSTITUTIONS. OTHER CHECKABLE DEPOSITS SEASONALLY ADJUSTED RQUALS THE DIFFERENCE BETWEEN THE SEASONALLY ADJUSTED SUM OF DEMAND DEPOSITS PLUS OCD AND SEASONALLY ADJUSTED DEMAND DEPOSITS.
- 5/ SGE OF OVERNIGHT RPS AND OVERNIGHT EURODOLLARS, MOUSI MARKET PUND BALANCES (GENERAL PURPUSE AND BROKER/DEALER), MHDAS, AND SAVINGS AND SHALL TIME DEPOSITS, LESS THE CONSOLIDATION ADJUSTMENT THAT REPRESENTS THE ESTIMATED AMOUNT OF DEMAND DEPOSITS AND VAULT CASH HELD BI THRIFT INSTITUTIONS TO SERVICE THEIR TIME AND SAVINGS DEPOSITS LIABILITIES.
- 6/ SUM OF LARGE TIME DEPOSITS, TERM RPS AND TERM BUNODOLLARS OF U.S. RESIDENTS, BONEY MARKET FUND BALANCES (INSTITUTION-ONLT), LESS A CONSOLIDATION ADJUSTMENT THAT REPRESENTS THE ESTIMATED ABOUNT OF OVERNIGHT RPS AND EURODOLLARS HELD BY INSTITUTION-ONLY MONEY MARKET FUNDS.
- 7/ SAVINGS DEPOSITS BICLUDE MEDAS.
- 8/ SMALL DEMONINATION TIME DEPOSITS--INCLUDING RETAIL RPS-- ARE THOSE ISSUED IN AMOUNTS OF LESS THAN \$100,000. ALL INDIVIDUAL RETIREMENT ACCOUNTS (IRA) AND KROGH ACCOUNTS AT COMMERCIAL BANKS AND THRIPTS ARE SUBTRACTED FROM SHALL TIME DEPOSITS.
- 9/ LARGE DEMORINATION TIME DEPOSITS ARE THOSE ISSUED IN AMOUNTS OF \$100,000 OR NORE, BICLUDING THOSE BOOKED AT INTERNATIONAL BANKING PACILITIES.
- 10/ LARGE DEMONINATION TIME DEPOSITS AT COMMERCIAL BANKS LESS THOSE HELD BY MONEY MARKET MUTUAL PUNDS, DEPOSITORY INSTITUTIONS AND POREIGN BANKS AND JPPICIAL INSTITUTIONS.

## COMPONENTS OF LIQUID ASSETS AND DEBT

Billions of dollars, seasonally adjusted

|           |               | Non-M3 co                                      | mponents of L                    |                               | Debt         | components <sup>4</sup> |
|-----------|---------------|--|----------------------------------|-------------------------------|--------------|-------------------------|
| Date      | savings bonds | short-term treasury<br>securities <sup>1</sup> | bankers acceptances <sup>2</sup> | commercial paper <sup>a</sup> | federal debt | non-federal deb         |
|           |               |  |                                  |                               |              |                         |
| 1985-APR. | 75.7          | 276.0  | 47.5                             | 167.7                         | 1423.4       | 4769.4                  |
| MAY       | 76.1          | 277.4  | 46.3                             | 168.6                         | 1442.0       | 4814.5                  |
| JUNE      | 76.5          | 282.6  | 44.5                             | 165.7                         | 1459.3       | 4860. 9                 |
| JOLY      | 76.7          | 279.9  | 43.7                             | 171.6                         | 1479.5       | 4910.3                  |
| AUG.      | 77.2          | 278.1  | 43.6                             | 182.9                         | 1496.7       | 4963.6                  |
| s ept.    | 78.0          | 281.3  | 43.2                             | 187.2                         | 1506-0       | 5018-8                  |
| OCT.      | 78.5          | 281.4  | 43.9                             | 192.5                         | 1518.0       | 5074.0                  |
| NOV.      | 79.0          | 299.5  | 43.1                             | 196.4                         | 1549.0       | 5131.2                  |
| DBC.      | 79-5          | 306.7  | 41_1                             | 209.5                         | 1586.3       | 5223.5                  |
| 986-JAN.  | 79.9          | 303.9  | 41.5                             | 210.6                         | 1608.0       | 5306.1                  |
| TBB.      | 80.5          | 307.2  | 42.1                             | 209.2                         | 1621.1       | 5343.5                  |
| BAR.      | 81.1          | 299.9  | 41.6                             | 209_5                         | 1628.2       | 5384.4                  |
| APR. P    |               |  |                                  |                               | 1638.8       | 5430.6                  |

1/ CONSISTS OF U.S. TREASURY BILLS AND COUPONS WITH REMAINING MATURITIES OF LESS THAN 12 MONTHS HELD BY OTHER THAN DEPOSITORY INSTITUTIONS, FEDERAL RESERVE BANKS, MONEY MARKET MUTUAL PUNDS AND FOREIGN ENTITIES.

2/ NET OF BANKERS ACCEPTANCES HELD BY ACCEPTING BANKS, FEDERAL RESERVE BANKS, FOREIGN OFFICIAL INSTITUTIONS, THE FEDERAL HOME LOAN BANK SYSTEM AND MONEY MARKET MUTUAL FUNDS.

3/ TOTAL COMMERCIAL PAPER LESS COMMERCIAL PAPER HELD BY MONEY MARKET MUTUAL FUNDS.

4/ DEBT DATA ARE ON A MONTHLY AVERAGE BASIS, DERIVED BY AVERAGING END-OP-MONTH LEVELS OF ADJACENT MONTHS, AND HAVE BEEN ADJUSTED TO REMOVE DISCONTINUITIES.

## COMPONENTS OF THE MONEY STOCK, LIQUID ASSETS AND DEBT

Billions of dollars, not seasonally adjusted

|             |                       |                                  |                                 | Othe                                | r checkable dep                        | osits | Nontransactio      | ns components           |                               |                                       | General   |
|-------------|-----------------------|----------------------------------|---------------------------------|-------------------------------------|--|-------|--------------------|-------------------------|-------------------------------|---------------------------------------|---|
| Date        | Currency <sup>1</sup> | Travelers<br>checks <sup>2</sup> | Demand<br>deposits <sup>3</sup> | at commercial<br>banks <sup>4</sup> | at thrift<br>institutions <sup>6</sup> | total | in M2 <sup>4</sup> | in M3 only <sup>7</sup> | Overnight<br>RPs <sup>8</sup> | Overnight<br>Eurodollars <sup>9</sup> | purpose and<br>broker/deale<br>money marke<br>funds |
| 985-8AT     | 163.1                 | 5.4                              | 251.0                           | 110.5                               | 46.5                                   | 157.0 | 1867.6             | 619.9                   | 48.5                          | 12.8                                  | 172.2   |
| JUNE        | 165.1                 | 5.9                              | 259.4                           | 113.8                               | 48.4                                   | 162.2 | 1888_0             | 617.3                   | 48.1                          | 12.7                                  | 175.4   |
| JULY        | 166.8                 | 6.5                              | 261.8                           | 115.0                               | 49.5                                   | 164.5 | 1901_4             | 609.8                   | 48.3                          | 12.4                                  | 175.8   |
| AUG.        | 167.7                 | 6.6                              | 260.4                           | 117.0                               | 50.3                                   | 167.3 | 1908.9             | 616.4                   | 49_4                          | 14.2                                  | 176.8   |
| SEPT.       | 167.6                 | 6.2                              | 265.0                           | 119.0                               | 51.3                                   | 170.3 | 1911.9             | 624.0                   | 50-2                          | 14.0                                  | 176.7   |
| OCT.        | 168.4                 | 5.9                              | 265.6                           | 119.8                               | 52.5                                   | 172.3 | 1921.5             | 629.3                   | 50.4                          | 14.3                                  | 177.0   |
| NOV.        | 170.7                 | 5.6                              | 269.0                           | 122.6                               | 53.8                                   | 176.4 | 1927.4             | 635.2                   | 51.9                          | 13.9                                  | 176-8   |
| DBC.        | 173.1                 | 5.5                              | 281.3                           | 125.8                               | 54.4                                   | 180.1 | 1934.0             | 638.9                   | 52.6                          | 17.0                                  | 176.5   |
| 986-JAN.    | 170.5                 | 5.5                              | 275.1                           | 128.1                               | 54.3                                   | 182.4 | 1944.3             | 652.8                   | 49.2                          | 18.8                                  | 177.7   |
| PBB.        | 170.6                 | 5.6                              | 262.0                           | 126.8                               | 54.2                                   | 181.0 | 1950.8             | 661.4                   | 51.4                          | 16.1                                  | 181.0   |
| MAR.        | 172.3                 | 5.8                              | 267.1                           | 129.3                               | 56.0                                   | 185.3 | 1962.8             | 666.2                   | 50-1                          | 16.3                                  | 186.2   |
| APR.        | 173.6                 | 5.8                              | 278.6                           | 134-8                               | 59.9                                   | 194.7 | 1978.4             | 664.0                   | 49.4                          | 17.9                                  | 191.8   |
| HAY P       | 175.8                 | 5.9                              | 276.5                           | 132.8                               | 60.6                                   | 193.3 | 1987.2             | 661.5                   | 49.5                          | 17.6                                  | 193.7   |
| BBK BNDING: |                       |                                  |                                 |                                     |  |       |                    |                         |                               |                                       |   |
| 986-MAY 5   | 174.9                 |                                  | 279.7                           | 132.6                               | 61.0                                   | 193.6 | 1                  |                         | 48.8                          | 18.1                                  | 190.4   |
| . 12        | 176.1                 |                                  | 277.2                           | 133.0                               | 61.0                                   | 194.0 |                    |                         | 48.1                          | 16.5                                  | 192.3   |
| 19          | 175.6                 | 1                                | 278.4                           | 132.6                               | 60.3                                   | 192.9 |                    |                         | 49.4                          | 17.0                                  | 193.6   |
| 26 P        | 175.8                 |                                  | 269.6                           | 131.9                               | 59.5                                   | 191.4 |                    |                         | 49.3                          | 18-0                                  | 196.2   |
| JUNE 2 P    | 175.6                 |                                  | 281.5                           | 134.0                               | 61.4                                   | 195.4 |                    |                         | 52.4                          | 19.2                                  | 195.9   |
|             |                       | ,                                |                                 |                                     |  |       |                    | r.<br>Ta                |                               |                                       |   |
|             |                       | 1                                | L                               | l                                   |  |       |                    | L!                      |                               | L                                     | L   |

1/ CURRENCY OUTSIDE THE U.S. TREASURY, PEDERAL RESERVE BANKS AND THE VAULTS OF COMMERCIAL BANKS. BICLUDES THE ESTIMATED AMOUNT OF VAULT CASH HELD BY THRIPT INSTITUTIONS TO SERVICE THEIR OCD LIABILITIES.

2/ OUTSTANDING AMOUNT OF U.S. DOLLAR-DEMONINATED TRAVELERS CHECKS OF MOMBANK ISSUERS. TRAVELERS CHECKS ISSUED BY DEPOSITORY INSTITUTIONS ARE INCLUDED IN DEMAND DEPOSITS.

3/ DEMAND DEPOSITS AT COMMERCIAL BANKS OTHER THAN THOSE DUE TO DOMESTIC BANKS, THE U.S. GOVERNMENT AND FOREIGN BANKS AND OFFICIAL INSTITUTIONS, LESS CASH ITEMS IN THE PROCESS OF COLLECTION AND P.R. PLOAT, LESS THE ESTIMATED AMOUNT OF DEMAND DEPOSITS HELD AT COMMERCIAL BANKS BY THRIFT INSTITUTIONS TO SERVICE THEIR OCD LIABILITIES.

4/ CONSISTS OF NON AND ATS BALANCES AT COMMERCIAL BANKS, U.S. BRANCHES AND AGENCIES OF FOREIGN BANKS, AND EDGE ACT CORPORATIONS.

5/ CONSISTS OP NOW AND ATS BALANCES AT SAVINGS AND LOAN ASSOCIATIONS AND MUTUAL SAVINGS BANKS, CREDIT UNION SHARE DRAFT BALANCES, AND DEMAND DEPOSITS AT THRIFTS.

6/ SUN OF OVERNIGHT RPS AND EURODOLLARS, NONEY MARKET FUND BALANCES (GENERAL PURPOSE AND BROKER/DEALER), MHDAS AND SAVINGS AND SMALL TIME DEPOSITS LESS THE ESTIMATED AMOUNT OF DEMAND DEPOSITS AND VAULT CASH HELD BY THRIFT INSTITUTIONS TO SERVICE THEIR TIME AND SAVINGS DEPOSIT LIABILITIES.

7/ SUM OF LARGE TIME DEPOSITS, TERM RPS AND BURODOLLARS OF U.S. RESIDENTS, MONEY MARKET FUND BALANCES (INSTITUTION-ONLY), LESS A CONSOLIDATION ADJUSTMENT THAT REPRESENTS THE ESTIMATED AMOUNT OF OVERNIGHT RPS AND EURODOLLARS HELD BY INSTITUTION-ONLY HONEY MARKET MUTUAL FUNDS.

8/ CONSISTS OF OVERNIGHT AND CONTINUING CONTRACT RPS ISSUED BY COMMERCIAL BANKS TO OTHER THAN DEPOSITORY INSTITUTIONS AND NONEY MARKET MUTUAL FUNDS (GENERAL PURPOSE AND BROKER/DEALER).

9/ ISSUED BY FOREIGE BRANCHES OF U.S. BANKS WORLDWIDE TO U.S. RESIDENTS OTHER THAN DEPOSITORY INSTITUTIONS AND HONEY MARKET MUTUAL PUNDS (GENERAL PURPOSE AND BROKER/DEALER).

# COMPONENTS OF THE MONEY STOCK, LIQUID ASSETS AND DEBT

Billions of dollars, not seasonally adjusted

|                 | Money market deposit accounts |                              |                |                           | Savings deposits <sup>1</sup> |                |                           | nomination time              | deposits <sup>2</sup> | Large denomination time deposits <sup>3</sup> |                              |                |
|-----------------|-------------------------------|------------------------------|----------------|---------------------------|-------------------------------|----------------|---------------------------|------------------------------|-----------------------|---|------------------------------|----------------|
| Date            | at<br>commercial<br>banks     | at<br>thrift<br>institutions | total          | at<br>commerciał<br>banks | at<br>thrift<br>institutions  | total          | at<br>commercial<br>banks | at<br>thrift<br>institutions | total                 | at<br>commercial<br>banks <sup>4</sup>        | at<br>thrift<br>institutions | total          |
| 0.05            | 202 1                         | 160.0                        | nce n          | 171 0                     | 170 #                         | 203 3          | 205 2                     | <b>409 3</b>                 | 802 E                 | 960 E   | 16F 1                        | #23 C          |
| 985-BAT<br>JUNE | 298.4<br>307.5                | 168.0<br>170.6               | 466.4<br>478.1 | 121.8                     | 170.4<br>172.2                | 292.2<br>295.4 | 385.2<br>386.5            | 498.2<br>499.9               | 883.5<br>886.3        | 268.5<br>265.5                                | 155.1<br>154.9               | 423.6<br>420.4 |
| JULY            | 313.2                         | 174.0                        | 487.2          | 124.4                     | 174.6                         | 298.9          | 386.5                     | 500.6                        | 887.1                 | 263.0   | 153.1                        | 416.1          |
| AUG.            | 317.9                         | 177.3                        | 495.2          | 124.0                     | 174.9                         | 298.9          | 385.3                     | 497.1                        | 882.5                 | 267.5   | 153.9                        | 421.4          |
| SEPT.           | 321.3                         | 178.5                        | 499.8          | 123.7                     | 175.4                         | 299.1          | 385.1                     | 495.4                        | 880.5                 | 272.6   | 155.1                        | 427.6          |
| OCT.            | 324.3                         | 179.8                        | 504.1          | 124.6                     | 178.3                         | 302.9          | 384.8                     | 496.5                        | 881.3                 | 276.3   | 156.2                        | 432-6          |
| NOV.            | 329.2                         | 180.3                        | 509.5          | 124.3                     | 179.0                         | 303.3          | 384.2                     | 496.4                        | 880.7                 | 278.2   | 157.1                        | 435.3          |
| DEC.            | 332.4                         | 179.6                        | 512.0          | 123.5                     | 178.3                         | 301.8          | 384.8                     | 497.6                        | 882.5                 | 280.9   | 157.8                        | 438.7          |
| 986-JAN.        | 336.7                         | 179.0                        | 515.7          | 123.9                     | 178.8                         | 302.7          | 386.5                     | 502.6                        | 889.2                 | 288.6   | 159.0                        | 447.6          |
| FEB.            | 337.0                         | 179.4                        | 516.4          | 123.6                     | 179.1                         | 302.8          | 387.0                     | 504.7                        | 891.8                 | 290.4   | 160.7                        | 451.0          |
| HAR.            | 340.3                         | 180.2                        | 520.5          | 124.9                     | 181.6                         | 306.5          | 387.2                     | 504.6                        | 891.8                 | 287.6   | 163.2                        | 450-8          |
| APR.            | 344.7                         | 180.4                        | 525.2          | 127.4                     | 185.8                         | 313.0          | 384.4                     | 505.5                        | 889.9                 | 283.5   | 164.0                        | 447.5          |
| HAY P           | 348.5                         | 182.1                        | 530.6          | 129.6                     | 190.4                         | 320.0          | 382-2                     | 502.3                        | 884.6                 | 280.7   | 164.2                        | 444.9          |
| EEK ENDING      |                               |                              |                |                           |                               |                |                           |                              |                       |   |                              |                |
| 986             |                               |                              |                |                           |                               |                |                           |                              |                       |   |                              |                |
| AY 5            | 344.5                         |                              |                | 128.1                     |                               |                | 383.4                     |                              |                       | 280.6   |                              |                |
| 12              | 346.4                         |                              |                | 129.0                     | -                             |                | 382.8                     |                              |                       | 280.5   |                              |                |
| 19              | 348.9                         |                              |                | 129.7                     |                               |                | 382.2                     |                              |                       | 280.8   |                              |                |
| 26 P            | 350.3                         |                              |                | 130.2                     |                               |                | 381.6                     |                              |                       | 281.4   |                              |                |
| UNB 2 P         | 352.1                         |                              |                | 130.7                     |                               |                | 381.3                     |                              |                       | 279.8   |                              |                |
|                 |                               |                              |                |                           |                               |                |                           |                              |                       |   |                              |                |
|                 |                               |                              |                |                           |                               |                |                           |                              |                       |   |                              |                |
|                 |                               |                              |                |                           |                               |                |                           |                              |                       |   |                              |                |
|                 |                               |                              |                | 1                         |                               |                |                           |                              |                       |   |                              |                |
|                 |                               |                              |                |                           |                               |                |                           |                              |                       |   |                              |                |
|                 |                               |                              |                |                           |                               |                |                           |                              |                       |   |                              |                |
|                 |                               |                              |                |                           |                               |                |                           |                              |                       |   |                              |                |
|                 |                               |                              |                |                           |                               |                | 1                         |                              |                       |   |                              |                |
|                 |                               |                              |                | 1                         | 1 1                           |                | 1                         | 1                            |                       | 1   | 1                            | 1              |

1/ SAVINGS DEPOSITS EXCLUDE MADAS.

2/ SMALL DEMONINATION TIME DEPOSITS -- INCLUDING RETAIL RPS -- ARE THOSE ISSUED IN AMOUNTS OF LESS THAN \$100,000. ALL IMDIVIDUAL RETIREMENT ACCOUNTS (IRA) AND REOGH ACCOUNTS AT COMMERCIAL BANKS AND THRIFTS ARE SUBTRACTED FROM SMALL TIME DEPOSITS.

3/ LARGE DEMONINATION TIME DEPOSITS ARE THOSE ISSUED IN AMOUNTS OF \$100,000 OR MORE, BICLUDING THOSE BOOKED AT INTERNATIONAL BANKING FACILITIES (18FS).

4/ LARGE DEMONINATION TIME DEPOSITS AT COMMERCIAL BANKS LESS THOSE HELD BY MOMEY MARKET MUTUAL PUNDS, DEPOSITORY INSTITUTIONS AND FOREIGN BANKS AND OFFICIAL INSTITUTIONS.

# COMPONENTS OF THE MONEY STOCK, LIQUID ASSETS AND DEBT

Billions of dollars, not seasonally adjusted

|              |              | T             | Term RPs'    |                |                          |  | Non M3 Co               | imponents of L |                      | Compone                   | ents of Debt             |
|--------------|--------------|---------------|--------------|----------------|--------------------------|--|-------------------------|----------------|----------------------|---------------------------|--------------------------|
|              | Institution  |               |              |                | 1                        | ······································ | Short-term              | T              | 1                    | 1                         |                          |
| Dete         | only money   | at commercial | at thrift    | total          | Term                     | Savings                                | treasury                | Bankers        | Commercial           |                           | Non-Federal <sup>4</sup> |
|              | market funds | banks         | institutions | · · · · · · ·  | Eurodollars <sup>2</sup> | bonds                                  | securities <sup>3</sup> | acceptances4   | paper <sup>a</sup> " | Federal debt <sup>e</sup> | debt                     |
|              |              |               |              |                |                          |  | :                       |                |                      | н.<br>1                   | •                        |
| 1985-NAX     | 63.5         | 31.2          | 26.5         | 57.7           | 81.4                     | 76. 1                                  | 272.1                   | 45.7           | 168.8                | 1443.8                    | 4788.1                   |
| JUNB         | 67.1         | 31.4          | 25.7         | 57.1           | 79.2                     | 76.5                                   | 280.2                   | 43.9           | 167.9                | 1457.9                    | 4841.4                   |
| JULY         | 65.0         | 29.8          | 25.9         | 55.7           | 78.8                     | 76.6                                   | 280.6                   | 43.5           | 173.1                | 1475.8                    | 4894.5                   |
| AUG.         | 63.6         | 30.4          | 26.7         | 57.1 -         | 80.0                     | 77.1                                   | 281.2                   |                | 181.0                | 1495.8                    | 4945.7                   |
| SBPT.        | 62.3         | 30.9          | 27.5         | 58.4           | 80.2                     | 78.0                                   | 282.0                   | 43.9           | 187.8                | 1506.9                    | 5003.0                   |
| OCT.         | 63.3         | 30.2          | 29.3         | 59.4           | 79.3                     | 78.5                                   | 281.1                   | 43.8           | 193.4                | 1515.6                    | 5062.8                   |
| NO V.        | 64.5         | 31.2          | 31.6         | 62.8           | 79.1                     | 79.0                                   | 295.7                   | 43.3           | 199.1                | 1544.2                    | 5122.9                   |
| DEC.         | 64.6         | 31.6          | 33.9         | 65.5           | 77.0                     | 79.6                                   | 303.9                   | 42.1           | 204.6                | 1583.7                    | 5220.2                   |
| 1986-JAN.    | 67.3         | 33.1          | 35.1         | 68.2           | 75.9                     | 80.0                                   | 303.6                   | 42.3           | 207.5                | 1606.7                    | 5300.8                   |
| PBB.         | 67.7         | 35.1          | 34.7         | 69.8           | 78.9                     | 80.5                                   | 308.1                   | 41.9           | 208.8                | 1621.0                    | 5324.2                   |
| HAR.         | 70.2         | 36.3          | 34-3         | 70.6           | 81.6                     | 81.1                                   | 306.1                   | 40.7           | 207.9                | 1633.3                    | 5352.3                   |
| APR.         | 74.1         | 34.6          | 34.1e        | 68.7e          | 80.3                     |  |                         |                |                      | 1644.6                    | 5396-2                   |
| MAY P        | 76.1         | 34.4          | 34.1e        | 68 <b>. 5e</b> | 79.3                     |  |                         |                |                      |                           |                          |
| WEEK ENDING: |              |               |              |                |                          |  |                         |                |                      |                           |                          |
| 1986-NAY 5   | 75.5         | 35.6          |              |                |                          |  |                         |                |                      |                           |                          |
| 12           | 76.2         | 34.7          |              |                |                          |  |                         | }              |                      |                           |                          |
| 19           | 75.9         | 34.8          |              |                |                          |  |                         |                |                      |                           |                          |
| 26 P         | 76.7         | 34.1          |              |                |                          |  |                         |                |                      |                           |                          |
| JUBB 2 P     | 76.0         | 32.7          |              |                |                          |  |                         | 1              |                      |                           |                          |
|              |              |               |              |                |                          |  | l                       |                |                      |                           |                          |
|              |              |               |              |                |                          |  |                         |                |                      |                           |                          |
|              |              |               |              |                |                          |  |                         |                |                      |                           |                          |
|              |              |               |              |                |                          |  |                         | 1              |                      |                           |                          |
|              |              |               |              | -              |                          |  |                         |                |                      |                           |                          |
|              |              |               |              |                |                          |  |                         |                |                      | { }                       |                          |
|              |              |               |              |                |                          |  |                         |                |                      |                           |                          |

1/ TERM BPS ARE THOSE WITH ORIGINAL MATURITIES GREATER THAN ONE DAY, EXCLUDING CONTINUING CONTRACTS AND RETAIL MPS. INCLUDES A RELATIVELY SHALL AMOUNT OF OVERNIGHT BPS AT THRIFT INSTITUTIONS.

2/ TERM EURODOLLARS ARE THOSE WITH ORIGINAL MATURITIES GREATER THAN ONE DAY. CONSISTS OF THOSE ISSUED TO U.S. RESIDENTS BY POREIGN BRANCHES OF U.S. BANKS WORLDWIDE AND BY ALL BANKING OFFICES IN THE UNITED KINGDOM AND CANADA. EXCLUDES THOSE HELD BY DEPOSITORY INSTITUTIONS AND MODEY MARKET MUTUAL FUNDS.

3/ CONSISTS OF U.S. TREASURY BILLS AND COUPONS WITH REMAINING MATURITIES OF LESS THAN 12 MONTHS HELD BY OTHER THAN DEPOSITORY ' INSTITUTIONS, FEDERAL RESERVE BANKS, MONEY MARKET MUTUAL FUNDS, AND FORBIGN ENTITIES.

4/ BET OF BANKERS ACCEPTANCES HELD BY ACCEPTING BANKS, PEDERAL RESERVE BANKS, POREIGN OPPICIAL INSTITUTIONS, THE FEDERAL Home Loan Bank System and Money Market Mutual Punds.

5/ TOTAL COMMERCIAL PAPER LESS COMMERCIAL PAPER HELD BY MONEY MARKET MUTUAL PUNDS.

6/ DEBT DATA ARE ON A MONTHLY AVERAGE BASIS, DERIVED BY AVERAGING END-OF-MONTH LEVELS OF ADJACENT MONTHS, AND HAVE BEEN ADJUSTED TO REMOVE DISCONTINUITIES.

# MEMORANDUM ITEMS

Billions of dollars, not seasonally adjusted

|                  | 1                              |                                     | savings   |  |  |   |   |   |                     |                        |                                 |        |
|------------------|--------------------------------|-------------------------------------|---|--|--|---|---|---|---------------------|------------------------|---------------------------------|--------|
| Date             | foreign<br>commercial<br>banks | foreign<br>official<br>institutions | deposits<br>due to foreign<br>commercial<br>banks and<br>foreign official<br>institutions | demand<br>deposits at<br>commercial<br>banks | balances at<br>Federat<br>Reserve<br>Banks | note balances<br>at commercial<br>banks<br>and thrift<br>institutions | total demand<br>deposits and<br>note and<br>FR balances | time<br>and savings<br>deposits at<br>commercial<br>banks | commercial<br>banks | thrift<br>institutions | money<br>market<br>mutual funds | total  |
| 985- HAY<br>JUNE | 8.0<br>8.0                     | 2.1<br>2.0                          | 8.3<br>8.3  | 3.1<br>3.4                                   | 6.7<br>2.8                                 | 17.8  | 27.6<br>17.7  | 1.2   | 55.1                | 71.9                   | 8.6                             | 135.6  |
|                  |                                |                                     | 1 1   |  |  |   | 17-7  | 1.4   | 55.9                | 73.4                   | 8.4                             | 137.7  |
| JULI             | 8.1                            | 1.9                                 | 8.3   | 3.1  | 4.0  | 20.0  | 27.0  | 1.2   | 56.7                | 75.3                   | 8.5                             | 140_4  |
| AUG.             | 7.8                            | 2.0                                 | 8.2   | 2.8  | 3.0  | 10.6  | 16.4  | 1.3   | 57.4                | 76.8                   | 8.4                             | 142.6  |
| SEPT.            | 8.1                            | 2.1                                 | 8.2   | 3.4  | 4.3  | 13.4  | 21.1  | 1.3   | 57.8                | 78.1                   | 8.3                             | 144.3  |
| OCT.             | 8.2                            | 1.9                                 | 8.3   | 3.0  | 3.1  | 2.4   | 8.5   | 1.3   | 58.2                | 79.0                   | 8.4                             | 145.7  |
| NOV.             | 8.1                            | 2.1                                 | 8.4   | 3.0  | 2.8  | 4.8   | 10.7  | 1.3   | 58.7                | 79.5                   | 8.4                             | 146.6  |
| DBC.             | 8.5                            | 1.9                                 | 8.3   | 3.4  | 3.4  | 11.1  | 17.9  | 1.4   | 59.2                | 80.9                   | 8.3                             | 148.4  |
| 986-JAN.         | 8.8                            | 2.0                                 | 8.0   | 3.6  | 10.5                                       | 20.5  | 34.5  | 1.3   | 60.7                | 81.9                   | 8.6                             | 151.2  |
| PEB.             | 8.3                            | 1.9                                 | 7.8   | 3.2  | 7.5  | 21.0  | 31.7  | 1.4   | 62.5                | 82.9                   | 8.7                             | 154.2  |
| HAR.             | 8.4                            | 1.8                                 | 7.6   | 3.3  | 3.4  | 12.4  | 19.2  | 1.5   | 64.2                | 86.4                   | 9.0                             | 159.5  |
| APR.             | 8.7                            | 1.9                                 | 7.5   | 4.2  | 3.7  | 13.6  | 21.5  | 1.5   | 68.4                | 90.1e                  | 9.5e                            | 167.9e |
| MAY P            | 8.8                            | 1.8                                 | 7.4   | 3.1  | 4.8  | 18.7  | 26.6  | 1.5   | 69.5                | 91.5e                  | 9. 5e                           | 170.5e |
| BEK RNDING:      |                                |                                     |   |  |  |   |   |   | U                   |                        |                                 |        |
| <br>986          |                                |                                     |   |  |  |   |   |   |                     |                        |                                 |        |
| AY 5             | 8.9                            | 1.8                                 | 7.5   | 4.4  | 9.0  | 23.7  | 37.2  | 1.5   |                     | · ·                    |                                 |        |
| 12               | 8.5                            | 1.7                                 | 7.5   | 2.7  | 5.0  | 23.7  | 31.4  | 1.5   |                     |                        |                                 |        |
| 19               | 8.8                            | 1.8                                 | 7.4   | 3.4  | 3.8  | 19.4  | 26.2  | 1.5   |                     | 5                      |                                 | ļ      |
| 26 P             | 8.7                            | 1.7                                 | 7.4   | 2.7  | 3.4  | 15.3  | 21.5  | 1.6   |                     |                        | 1                               |        |
| UNE 2 P          | 9.1                            | 1.9                                 | 7.3   | 2.9  | 3.4  | 10.8  | 17.2  | 1.6   |                     | 1                      |                                 | ĺ      |
|                  | <u> </u>                       |                                     |   |  |  |   |   |   |                     |                        |                                 |        |
|                  |                                |                                     | 1   |  |  |   |   |   |                     |                        |                                 |        |
|                  |                                |                                     |   |  | 1  |   |   |   |                     |                        |                                 | 1      |
|                  |                                |                                     |   |  |  |   |   |   |                     |                        |                                 |        |
|                  |                                |                                     |   |  |  |   |   |   |                     |                        | {                               |        |
|                  | ł                              |                                     |   |  |  |   |   |   |                     |                        |                                 |        |
|                  |                                |                                     | 1   |  |  |   |   |   |                     |                        | 1                               |        |
|                  |                                |                                     |   |  |  |   |   |   |                     |                        |                                 |        |
|                  |                                |                                     |   |  |  | 1   |   |   |                     |                        |                                 |        |
| -                |                                |                                     |   |  |  |   |   |   |                     |                        | 1                               |        |
|                  |                                |                                     |   |  |  |   |   |   |                     |                        | 1                               |        |

#### e = estimated

| Le       |  |  | Annu  |   | es in percent<br>xperimental<br>nt Alternative<br>9.1<br>5.9<br>13.3<br>18.1<br>10.3<br>14.3<br>10.9<br>3.3<br>11.4<br>13.8   |  |  |
|----------|--|--|---|---|---|--|--|
| Standard |  |  | Standard  |   |   |  |  |
|          | Concurrent   | Alternative  | olundurd  | Concurrent  | Alternative   |  |  |
| 572.2    | 573.6  | 574.3  | 6.1   | 6.7   | 9.1   |  |  |
| 575.7    | 576.9  | 577.1  | 7.3   | 6.9   | 5.9   |  |  |
| 582.5    | 582.4  | 583.5  | 14.2  | 11.4  | 13.3  |  |  |
| 590.9    | 590.7  | 592.3  | 17.3  | 17.1  | 18.1  |  |  |
| 596.2    | 595.9  | 597.4  | 10.8  | 10.6  | 10.3  |  |  |
| 604.8    | 603.7  | 604.5  | 17.3  | 15.7  | 14.3  |  |  |
| 611.5    | 610.8  | 610.0  | 13.3  | 14.1  | 10.9  |  |  |
| 614.2    | 613.4  | 611.7  | 5.3   | 5.1   | 3.3   |  |  |
| 620.1    | 619.0  | 617.5  | 11.5  | 11.0  | 11.4  |  |  |
| 626.6    | 625.8  | 624.6  | i2.6  | 13.2  | 13.8  |  |  |
| 627.2    | 628.1  | 626.1  | 1.1   | 4.4   | 2.9   |  |  |
| 631.1    | 632.6  | 632.1  | 7.5   | 8.6   | 11.5  |  |  |
| 638.4    | 640.4  | 641.4  | 13.9  | 14.8  | 17.7  |  |  |
| 646.1    | 647.7  | 646.5  | 14.5  | 13.7  | 9.5   |  |  |
| 658.4    | 658.4  | 659.9  | 22.8  | 19.8  | 24.9  |  |  |
|          | Standard<br>572.2<br>575.7<br>582.5<br>590.9<br>596.2<br>604.8<br>611.5<br>614.2<br>620.1<br>626.6<br>627.2<br>631.1<br>638.4<br>646.1 | Standard Exper<br>Concurrent   572.2 573.6   575.7 576.9   582.5 582.4   590.9 590.7   596.2 595.9   604.8 603.7   611.5 610.8   614.2 613.4   620.1 619.0   626.6 625.8   627.2 628.1   631.1 632.6   638.4 640.4   646.1 647.7 | ConcurrentAlternative572.2573.6574.3575.7576.9577.1582.5582.4583.5590.9590.7592.3596.2595.9597.4604.8603.7604.5611.5610.8610.0614.2613.4611.7620.1619.0617.5626.6625.8624.6627.2628.1626.1631.1632.6632.1638.4640.4641.4646.1647.7646.5 | Standard Experimental<br>Concurrent Alternative Standard   572.2 573.6 574.3 6.1   575.7 576.9 577.1 7.3   582.5 582.4 583.5 14.2   590.9 590.7 592.3 17.3   596.2 595.9 597.4 10.8   604.8 603.7 604.5 17.3   611.5 610.8 610.0 13.3   614.2 613.4 611.7 5.3   620.1 619.0 617.5 11.5   626.6 625.8 624.6 12.6   627.2 628.1 626.1 1.1   631.1 632.6 632.1 7.5   638.4 640.4 641.4 13.9   646.1 647.7 646.5 14.5 | Standard Experimental<br>Concurrent Standard Experimental<br>Concurrent   572.2 573.6 574.3 6.1 6.7   575.7 576.9 577.1 7.3 6.9   582.5 582.4 583.5 14.2 11.4   590.9 590.7 592.3 17.3 17.1   596.2 595.9 597.4 10.8 10.6   604.8 603.7 604.5 17.3 15.7   611.5 610.8 610.0 13.3 14.1   614.2 613.4 611.7 5.3 5.1   620.1 619.0 617.5 11.5 11.0   626.6 625.8 624.6 12.6 13.2   627.2 628.1 626.1 1.1 4.4   631.1 632.6 632.1 7.5 8.6   638.4 640.4 641.4 13.9 14.8   646.1 647.7 646.5 14.5 13.7 |  |  |

# Levels and Annual Growth Rates of M1 Using Standard<sup>1</sup>, Concurrent<sup>2</sup>, and Experimental Alternative<sup>3</sup> Seasonal Adjustment Procedures Monthly average

1. Standard monthly seasonal factors are derived at the beginning of each year by applying an X-11/ARIMA-based procedure to data through the end of the previous year.

2. Concurrent-monthly seasonal factors are derived each month by applying an X-11/ARIMA-based procedure to data through that month.

3. Alternative monthly seasonal factors are derived using an experimental model-based procedure. This procedure uses a combination of statistical regression and time series modeling techniques to construct seasonal factors that are more sensitive than standard factors to unique characteristics of each series. These characteristics include fixed and evolving seasonal patterns, trading day effects, within-month seasonal variations, holiday effects, outlier adjustments, special events adjustments, and serially correlated noise components.