

Capital Markets Section, Division of Research and Statistics,
Board of Governors of the Federal Reserve System, Washington, D. C.

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3.5 Developments in the Corporate and Municipal Bond Markets

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TABLE 1: Yields, Volume and Reception


1 Derived by adjusting to an Aap basis, new issues of publicly-offered, corporate bonds with call protection, rated A, Aa, or Aaa by Moody's Investors Service (expect serial and convertible issues, offerings of natural gas pipeline and foreign companies, and bonds guaranteed by the Federal Government.)

2 Millions of dollars unless otherwise indicated.
n. a.-- Not available.

TABLE 2: Details on Inventories

| $\begin{aligned} & \text { DATE } \\ & \text { OFFERED } \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { AMOUNT } \\ & \text { (MIL. } \$ \text { ) } \end{aligned}$ | ISSUER | COUPON | $\begin{gathered} \text { ORIGINAL } \\ \text { YIELD } \end{gathered}$ | RATING AND CALL PROTECTION | ESTIMATED PRO- PORTION SOLD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1/9 | 12.0 | West Texas Utility | 7.25 | 7.25 | Aa N.C. | 70\% |
| 1/9 | 30.0 | Duguesne Light | 7.00 | 6.96 | Aaa 5 yrs. | 65\% |
| 1/7 | 75.0 | Northwestern Bell | 7.00 | 6.95 | Aaa $\quad 5 \mathrm{yrs}$. | 25\% |
| 1/6 | 40.0 | Pennsylvania Pwr. \& Lt. | 7.00 | 6.94 | Aa 5 yrs. | -25\% |


| CORPORATE BONDS RELEASED FROM SYNDICATE DURING LATEST WEEK |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DATE |  | AMOUNT | ISSUER |  | COUPON | ORIGINALYIELD | INCREASE IN YIELD | RATING AND CALL PROT. | ESTIMATED PROPORTION RELEASED |
| OFFERED | RELEASED |  |  |  |  |  |  |  |  |

NONE .

N.C. - No call protection. p Daily average of three days ended Wednesday. I Blue List is daily average;

Digitized for FRAShers as of Friday; in millions of dollars.
http://fraser.stlouisfed.org/
Federal Reserve Bank of St. Louis

## BONDS IN SYNDICATE




TABLE 3: High Grade Bond Yields

| DATE | NEW CORPORATE ISSUES (ADJUSTED TO Aaa BASIS) | MOODY'S SEASONED CORPORATE Aaa ${ }^{1}$ | $\begin{gathered} \text { U.S. GOYERNMENT } \\ \text { 20-YEAR } \\ \text { CONSTANT } \\ \text { MATURITIES }{ }^{2} \end{gathered}$ | SEASONED STATE AND LOCAL GOVERNMENT Aaa ${ }^{3}$ |
| :---: | :---: | :---: | :---: | :---: |
| 1966 - High | $\begin{aligned} & 5.99(9 / 2) \\ & 4.82(1 / 7) \end{aligned}$ | $\begin{aligned} & 5.52(9 / 9) \\ & 4.73(1 / 7) \end{aligned}$ | $\begin{aligned} & 5.04(2 / 9) \\ & 4.50(1 / 21) \end{aligned}$ | $\begin{aligned} & 4.04(8 / 25) \\ & 3.39(1 / 10) \end{aligned}$ |
| $1967 \text { - High }$ | $\begin{aligned} & 6.55(12 / 8) \\ & 5.11(2 / 10) \end{aligned}$ | $\begin{aligned} & 6.24(2 / 29) \\ & 5.00(2 / 10) \end{aligned}$ | $\begin{aligned} & 5.73(11 / 17) \\ & 4: 48(1 / 20) \end{aligned}$ | $\begin{aligned} & 4.15(12 / 28) \\ & 3.25(2 / 9) \end{aligned}$ |
| 1968 - High | $\begin{aligned} & 7.02(12 / 13) \\ & 6.13(8 / 30) \end{aligned}$ | $\begin{aligned} & 6.53(12 / 27) \\ & 5.95(9 / 13) \end{aligned}$ | $\begin{aligned} & 5.90(12 / 20) \\ & 5.18(8 / 9) \end{aligned}$ | $\begin{aligned} & 4.57(12 / 26) \\ & 3.80(8 / 8) \end{aligned}$ |
| 1968 - Dec. 6 | 6.88 | 6.33 | 5.76 | 4.40 |
| 13 | 7.02 | 6.45 | 5.79 | 4.45 |
| 20 | 6.86 | 6.48 | 5.90 | 4.57 |
| 27 | -- | - 6.53 | 6.06 | 4.57 |
| 1969-Jan. 3 | -- | . 6.55 | $\underline{r} / 5.96$ | 4.57 |
| - 10p/ | 6.94 | 6.58 | -6.01 | 4.58 |

[^0]
## HIGH GRADE BOND YIELDS



TABLE 4: Long-term Corporate and State and Local Government Security Offerings and Placements
(In millions of dollars)

e Estimated by Federal Reserve.
p Preliminary.
1 Securities and Exchange Commission estimates of net proceeds.
2 Investment Bankers Association of America estimates of principal amounts.
3. Total new capital issues excluding offerings of sales and consumer finance companies.
Note: Due to rounding components may not add.

TABLE 5: New Corporate Security Issues, Type of Issue and Issuer
(In millions of dollars)

| $\begin{aligned} & \text { QUARTER } \\ & \text { OR } \\ & \text { MONTH } \end{aligned}$ | GROSS PROCEEDS FOR NEW CAPITAL AND REFUNDING ${ }^{1}$ |  |  |  |  |  | NET PROCEEDSFOR NEW CAPITAL 12 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ' TOTAL | BONDS |  | $\begin{aligned} & \text { COMMON } \\ & \text { AND } \\ & \text { PFD. } \\ & \text { STOCK } \\ & \hline \end{aligned}$ | MEMO: |  | MFG. | PUBLIC UTILITY | COMMUNI- <br> CATIONS | OTHER ISSUES |
|  |  | $\begin{array}{\|l\|} \hline \text { PUBLICLY } \\ \text { OFFERED } \end{array}$ | PRIVATELY <br> PLACED |  | ISSUE | INCLUDED |  |  |  |  |
|  |  |  |  |  | FOREIGN | CONVERTIBLE |  |  |  |  |
| 1967 - I | 5,464 | 3,263 | - 1,811 | 390 | 60 | - 553 | 2,442 | 997 | 543 | 1,382 |
| II | 6,208 | 4,017 | 1,465 | 726 | 65 | 962 | 3,014 | 1,268 | 548 | 1,228 |
| III | 6,833 | c/4,604 | $\because 1,551$ | 678 | 234 | 1,632 | 2,792 | 1,219 | 595 | 1,976 |
| IV | 6,294 | - 3,107 | 2,137 | 1,051 | 93 | 1,327 | 2,527 | 1,255 | 269 | 2,040 |
| 1968 - I | 5,178 | 2,465 | 1,724 | - 989 | 313 | - 584 | 1,855 | 1,394 | 411 | 1,356 |
| II | 5,705 | 3,105 | 1,644 | 956 | 172 | 758 | 1,653 | 1,201 | 529 | 2,159 |
| IIT | 5,133 | 2,606 | 1,361 | 1,166 | 124 | 1,037 | 1,599 | 1,143 | 483 | 1,758 |
| 1967 - Dec. | 2,385 | 1,087 | 1,020 | 278 | 30 | 608 | 1,109 | ¢ 278 | 68 | 881 |
| 1968 - Jan. | 1,771 | - 903 | 546 | 322 | 16 | 224 | , 537 | 417 | 186 | 566 |
| Feb. | 1,607 | 79.6 | 585 | 226 | 61. | 161 | 556 | 546 | 147 | 321 |
| Mar. | 1,800 | 766 | 593 | 441 | 236 | 199 | 761 | 431 | 78 | 469 |
| Apr. | 1,428 | $719$ | $438$ | 271 | 31 | 139 | 353 | 178 | 189. | -663 |
| May | 1,867 | 1,046 | - 521 | 300 | 89 | 380 | 550 | $549$ | 103 | +622 |
| June | 2,418. | 1,340 | 685 | 385 | 52 | 239 | 750 | - 474 | 237 | +1874 |
| July | 2,144 | 1,244 | 528 | 372 | 47 | 605 | 818 | 236 | 236 | -801 |
| Aug. | 1,433 | 637. * | 400 | 396 | 49 | 211 | 349 | 438 | 92 | 515 |
| Sept. | 1,556 | 725 | 433 | 398 | 28 | 221 | 432 | 469 | 155 | . 442 |
| $\therefore$ Oct.p/ | 2,099 | 1,016 | 574 | 509 | 24 | - 395 | e/575 | e/550 | e/75 | $\mathrm{e} / 700$ |
| Nov.e/ | 1,810 | 935 | $500$ | $375$ | n.a. | n.a. | $500$ | $405$ | $-145$ | $675$ |
| Dec. e/ | 1,905 | 605 | 900 | 400 | n.a. | n.a. | 500 | 250 | 20 | 1,080 |

p Preliminary, e Estimated by Federal Reserve. I Gross proceeds exceed net proceeds by the cost of flotation. 2 For total see Table 4; other issuers are extractive, railroad and other transporation, real estate and finance, and commercial and other. SOURCE: Securities and Exchange Commission. Quarterly supplements are available. n.a. Not available. c/ Corrected.

TABLE 6: Large Long-term Public Security Issues for New Capital (continued)
(Other than U.S. Treasury) ${ }^{1}$

| ISSU̇ER | TYPE ${ }^{2}$ | $\begin{aligned} & \hline \text { AMOUNT } \\ & \text { (MILLIONS } \\ & \text { OF } \\ & \text { DOLLARS) } \\ & \hline \end{aligned}$ | MATURITY | COUPON <br> RATE OR <br> NET INTER- <br> EST COST | $\begin{aligned} & \text { OFFER- } \\ & \text { ING } \\ & \text { YIELD } \end{aligned}$ | MOODY'S <br> RATING |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Corporate |  |  |  |  |  |  |
| Penna. Power \& Light Co. | 1 st mtg . | 40.0 | 1999 | 7 | 6.94 | Aa |
| Northwestern Bell Telephone Company | Debs. | $75.0$ | 2008 | 7 | 6.95 | Aaa |
| Northern States Power | Pfd. stk. | 25.0 |  |  |  | Aaa |
| Cleveland Electric Illuminating Company | 1 st mtg . | . 50.0 | 1990 | 7-1/8 | 7.00 | Aas. |
| Famous Artists Schools | Conv. sub | bs. 16.5 | 1988 | 5 | 5.00 | B |
| Duquesne Light Company | 1 st mtg . | s. 25.0 | 1998 | 7 | 6.96 | Aaa |
| Libby-McNeil \& Libby | Conv. sub | ebs. 15.0 | 1989 | 5 | 5.00 | Ba |
| Panhandle Eastern Pipeline State \& local Govermment | Debs. | 30.0 | 1988 | 7-1/4 | . 7.26 | A |
| Broward Co., Fla, , S.T.D非1 | G. 0. | 20.0 | 1971-88 | 5.00 | 4.10-5.10 | A |
| State of New Jersey | G. 0. | 75.0 | 1973-99 | 4.49 | 3.95-5.15 | Aa |
| New York State Dormitory Authority | Rev. -Rent | 40.7 | 1971-2000 | 5.64 | 4.25-5.70 | A |
| Springfield, Illinois | Rev.-Ut. | 16.0 | 1972-98. | 5.00 | 4.00-5.00 | Aa |
| Los Angeles Convention \& Exhibition Center Auth. | Rev. -Ren |  |  |  |  | Aa |
| Omaha, Neb., Pub. Pwr. Dist. | Rev.-Rent. | 20.5 20.0 | 1973-2003 1972-99 | 5.71 5.03 | $\begin{aligned} & 4.40-5.70 \\ & 4.00-5.25 \end{aligned}$ | A |

TABLE 6: Large Long-term Public Security Issues for New Capital (continued)
(Other than U.S. Treasury) ${ }^{1}$
(Continued)

| ISSUER | $\text { TYPE }^{2}$ | $\begin{gathered} \text { AMOUNT } \\ \text { (MILLIONS } \\ \text { OF } \\ \text { DOLLARS) } \end{gathered}$ | MATURITY | COUPON <br> RATE OR NET INTEREST COST | $\begin{aligned} & \text { OFFER- } \\ & \text { ING } \\ & \text { YIELD } \end{aligned}$ | MOODY'S RATING |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Williamsport Area Jt. Sch. Authority, Pennsylvania | G.0. | 12.0 | 1970-89/2006 | $5.70 \quad 3.9$ | -5.40/5. | 0 n.a. |
| Other |  |  |  |  |  |  |
| Federal Land Banks | Bonds | 33.0 | 1970 | 6.70 | 6.70 | -- |

TABLE 7: Forthcoming Large Long-term Public Security Offerings for New Capital (Other than U.S. Treasury) ${ }^{1}$
(continued)
As of Jan. $10,1969$.

|  | ISSUER | TYPE |
| :---: | :---: | :---: | | AMOUNT |
| :---: |
| (MILLIONS |
| OF |
| OOLLARS) |

Philadelphia Electric
International Leisure Corp.
*General Telephone of Calif.
Texas Gas Transmission Public Service Co. of Ind. Baystate Corporation Public Service Co. of

- New Mexico

Southern California Edison Company
Forest Oil Corporation Surveyor Fund, Inc.
Virginia Elec. \& Power Co. Allegheny Power System Public Service Co. of Ok1ahoma
Trans World Airlines
Kaufman and Broad
Central Hudson Gas \& Elec. Beneficial Finance Purex Corporation Duplan Corporation

Dallas Power \& Light Puget Sound Power \& Light General Telephone of Mich. Kansas City Power \& Light Co. Instrument Systems Corp. Duke Power Company
Southern Company
*Alco Standard Corporation Alexander's Dept. Stores G.A.C:
G.S.I. Computer.

Gamble-Skogmo, Inc.
*I11inois Power Company
*Philadelphia Electric
*Pillsbury Company
F. \& M. Schaefer Corporation

Sunshine Mining
Tesoro Petroleum
U.S. Financial
D. P.A.

## State \& local Government

Fresno City, Calif., U.S.D. State of Oregon
1st mtg. bds
Units : 25.0
Debs. : $\quad 60.0$
Debs. 50.0

| 1st mtg. bds. | 40.0 |
| :--- | :--- |
| Conv. debs. | 15.0 |

1st mtg. bds. $\quad 20.0$
1st mtg. bds. 75.0
Conv. deb̄ṣ: $\quad 25.0$
Conv. debs. 20.0

1st mtg. bds.
85.0
38.0

1st mtg. bds.
Conv. debs.
25.0
150.0

Conv. sub. debs.;
1st mtg. bds.
Debs. $\quad 50.0$
Conv. debs.
35.0

Conv. sub. debs. 15.0
Pfd. stk. .
1st mtg. bds.
Debs.
1st mtg. bids.
Conv. sub. debs.
1st mtg. bds
Com. stk.
Com. stk.
Com. stk.
Conv. debs.
Com. stk.
Cap. notes
Com. stk.
Pfd. stk.
Conv. debs.
Com. stk.
Conv. sub. debs.
Debs.
Conv. debs.
Sr. sub. debs.
20.0
25.0
22.0
26.0
25.0
75.0
65.0
30.0
20.0
70.0
30.0
20.0
20.0
40.0
20.0
39.0
25.0
15.0
15.0
15.0
16.2
30.0

APPROXIMATE DATE OF OFFERING

TABLE 7: Forthcoming Large Long-term Public Security Offerings for New Capital (Other than U.S. Treasury)I (continued) As of Jan, 10, 1969.

| ISSUER | TYPE | AMOUNT (MILLIONS OF DOLLARS) | APPROXIMATE DATE OF OFFERING |
| :---: | :---: | :---: | :---: |
| State of Oregon | G.0. | 30.0 | January 15 |
| *Houston, Texas | G. 0. | 28.6 | January 15 |
| Vigo Co. Sch. B1dg. Auth., | Rev. -S.T. | 13.5 | January 15 |
| Kansas City, Missouri | G.0. | 11.6 | January 15 |
| *New York City | G.0. | 61.5 | January 16 |
| *New York City | G. 0. | 38.5 | January 16 |
| State of Maryland | G.0. | 55.8 | January 21 |
| *Salt River Proj. Agricult. Impr. \& Pwr. Dist., Ariz. | G.o. | 26.0 | January 22 |
| San Francisco, California | G.0. | 30.7 | January 28 |
| *Pennsylvania, State of | G.0. | 75.0 | January 28 |
| New York State | G.0. | 83.0 | January 28 |
| *Montgomery Co., Maryland | G.0. | 20.0 | January 28 |
| Port of Seattle, Washington | Rev. -Rent. | 20.0 | January 28 |
| Houston I.S.D., Texas | G.o. | 12.0 | January 28 |
| Buffalo, New York | G.0. | 19.3 | January 29. |
| *University of Texas | Rev. -Rent. | 25.0 | January 30 |
| Delaware River Joint Toll Bridge Comm. | Rev.-Q. -Ut. | 20.0 | January |
| Cobb Co., Georgia. | Rev. -Ut. | 32.5 | Indefinite. |
| Penna. State Highway and Bridge Authority | Rev.-Q.-Ut. | 75.0 | Indefinite |
| Other |  |  |  |
| Neon Products of Canada, Ltd. | Conv. debs. | 20.0 | January 22 |
| *Banco Nacional de Obras y Servicio's Publicos, |  |  |  |
| Canadian Utilities, Ltd. | S.F. debs. | . 15.0 | Indefinite |

* Included in table for first time.

1 Includes corporate and other issues of $\$ 15$ million and over; State and local Government issues of $\$ 10 \mathrm{million}$ and over.
2 Includes foreign government and International Bank for Reconstruction and Development issues and non-guaranteed issues of Federal Agencies.
3 Panhandle Eastern Pipelines $\$ 40.0$ million issue was reduced to $\$ 30.0$ million, ( $\$ 10.0 \mathrm{million}$ postponed due to "market conditions". Hawaii's $\$ 30,0$ million rejected - postponed indefinitely.

TABLE 8: Stock Prices and Volume

|  | STOCK PRICES ${ }^{1}$ |  |  | TRADING VOLUME ${ }^{2}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| DATE | $\begin{aligned} & \mathrm{S} \& \mathrm{P} \\ & 500^{3} \end{aligned}$ | D.J. - IND. | AMEX ${ }^{4}$ | NYSE | AMEX |
| 1966-High | $\begin{aligned} & 94.06(2 / 9) \\ & 73.02(10 / 7) \end{aligned}$ | $\begin{aligned} & 995.15(2 / 9) \\ & 774.32(10 / 7) \end{aligned}$ | $\begin{aligned} & 17.00(4 / 21) \\ & 12.07(10 / 7) \end{aligned}$ | $\begin{array}{r} 10.7(4 / 15) \\ 5.0(9 / 23) \end{array}$ | $\begin{aligned} & 6.1(4 / 15) \\ & 1.3(-9 / 23) \end{aligned}$ |
| 1967 - High | $\begin{aligned} & 97.59(9 / 25) \\ & 80.38(1 / 3) \end{aligned}$ | $\begin{aligned} & 943.08(9 / 25) \\ & 786.41(1 / 3) \end{aligned}$ | $\begin{aligned} & 24.52(12 / 29) \\ & 13.78(1 / 27) \end{aligned}$ | $\begin{gathered} 12.3(12 / 29) \\ 6.9(1 / 6) \end{gathered}$ | $\begin{aligned} & 6.7(10 / 27) \\ & 2.1(1 / 6) \end{aligned}$ |
| 1968 - High | $\begin{aligned} & 108.37(11 / 29) \\ & 87.72(3 / 5) \end{aligned}$ | $\begin{aligned} & 985.21(12 / 3) \\ & 825.13(3 / 21) \end{aligned}$ | $\begin{aligned} & 33.25(12 / 20) \\ & 22.00(3 / 22) \end{aligned}$ | $\begin{array}{r} 17.1(7 / 12) \\ 8.2(3 / 29) \end{array}$ | $\begin{aligned} & 9.2(5 / 31) \\ & 2.9(3 / 29) \end{aligned}$ |
| 1968 - Dec. 13 | 107.58 | 981.29 | 33.23 | 16.3 | 9.0 |
| 20 | 106.34 | 966.99 | 33.25 | 16.6 | 8.7 |
| 27 | 104.74 | 952.51 | 33.00 | 11.4 | 7.1 |
| 1969 - Jan. 3 | 103.99 | 951.89 | 32.91 | 11.6 | 6.8 |
| 10p | 100.93 | 937.22 | 31.52 | 13.4 | 6.6 |

p Preliminary.

1. Figures, except highs and lows are Friday's only. Highs and lows are for the year and are not necessarily for Friday's.
2 Averages of daily trading volume on the New York and American Stock Exchanges. Millions of shares.
$1941-43=10$.
4 Based on actual dollar value, rather than a formula.


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TABLE 9: Stock Market Credit


1 Margin debt, as reported by the New York Stock Exchange. Although margin debt until March 1968 included loans secured by U.S: governments, the amount of such loans included is thought to have been small.
2 "Bank loans to others than brokers and dealers for purchasing or carrying securities other than U.S. governments."
3 The difference between customers' net debit balances and customers net free credit balances, this figure represents the net credit extended by brokers and dealers to the nonfinancial public. NOTE: With the exception of bank loan data, figures are supplied by the New York Stock Exchange and are end of month data. Bank loans are for weekly reporting large commercial banks.

TABLE 10: Savings Flows at Nonbank Depositary Intermediaries
( $\$$ millions)


[^1]SAVINGS FLOWS. (seasonally adjusted)
Monthly

400

TABLE 11: Mortgage Commitments at Selected Thrift Institutions ${ }^{1}$


1 Based on data from Federal Home Loan Bank Board and Savings Banks Assoications of . New York State. Net changes are derived directly from unrounded outstandings levels as reported and after seasonal adjustment by Federal Reserve. Subtotals may not add to totals because of rounding.


TABLE 12: Net Change in Mortgage Holdings ${ }^{\text { }}$.

| DATE |  | FINANCIAL INSTITUTIONS |  |  |  |  | FNMA |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | TOTAL INCLUDING FNMA | TOTAL | COMMERCIAL BANKS | MUTUAL SAVINGS BANKS | $\begin{gathered} \text { SAVINGS } \\ \& \\ \text { LOANS } \end{gathered}$ | LIFE INSURANCE COMPANIES |  |
| 1965 - I | 4,761 | 4,813 | 823 | 965 | 1,860 | 1,165 | -52 |
| II | 6,365 | 6,431 | 1,749 | 946 | 2,706 | 1,030 | -66 |
| III | 6,469 | 6,403 | 1,805 | 1,072 | 2,460 | 1,066 | 66 |
| IV | 6,303 | 5,947 | 1,322 | 1,078 | 1,947 | 1,600 | 356 |
| 1966 - I | 5,413 | 4,618 | 975 | 753 | 1,671 | 1,219 | 795 |
| II | 5,671 | 5,120 | 1,656 | 513 | 1,674 | 1,277 | 551 |
| III | 3,953 | 3,445 | 1,300 | 739 | 350 | 1,056 | 508 |
| IV | 3,088 | 2,619 | 774 | 715 | 86 | 1,044 | 469 |
| 1967 - I | 2,623 | 2,273 | 151 | 770 | 492 | 860 | 350 |
| II | 4,896 | 4,790 | 1,200 | 786 | 2,147 | 657 | 106 |
| III | 6,275 | 5,696. | 1,751 | 839 | 2,585 | 521 | 579 |
| IV | 6,290 | 5,528 | 1,537 | 758 | 2,364 | 869 | 762 |
| 1968 - Jan | 1,421 | 1,071 | 300 | 215 | 381 | 175 | 350 |
| Feb. | 1,540 | 1,236 | 400 | 197 | 542 | 97 | 304 |
| Mar. | 1,788 | 1,514 | 400 | 137 | 789 | 188 | 274 |
| Apr. | 1,969 | 1,723 | 616 | 160 | 879 | 68 | 246 |
| May | 2,227 | 1,992 | 616 | 203 | 957 | 216 | 235 |
| June | 2,101 | 1,881 | 616 | 219 | 877 | 169 | 220 |
| July | 1,819 | 1,667 | 500 | 248 | 719 | 200 | 152 |
| Aug. | 1,950 | 1,809 | 500 | 233 | 875 | 201 | 141 |
| Sept. | 1, '953 | 1,845 | 700 | 221 | 809 | 115 | 158 |
| Oct. | 2,308 | 2,147 | 800 | 313 | 846 | 188 | 161 |
| Nov. | 2,083. | 1,938 | 700 | 310 | 733 | 195 | 145 |

1. Monthly data for commercial banks based on Federal Reserve estimates benchmarked to Call Report data on real estate loans outstanding as available. Other data derived from mortgage debt outstanding as reported separately by National Assn. of Mutual Savings Banks, Federal Home Loan Bank Board, Institute of Life Insurance and the Federal National Mortgage Association. Data for mutual savings banks and for life insurance companies may differ somewhat from those derived from regular quarterly series because of minor conceptual differences for which adjustments are not made in the monthly series.

NET' CHANGE IN MORTGAGE HOLDINGS


TABLE 13: Net Increases in Mor tgage Debt Outstanding ${ }^{1}$ (Seasonally Adjusted Annual Rate)

| QUARTER | TOTAL | RESIDENTIAL ${ }^{2}$ | $\begin{gathered} 1-\text { to } 4- \\ \text { FAMILY } \end{gathered}$ | MULTI - <br> FAMILY | COMMERCIAL | MULTI -AND COMMERCIAL | FARM |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1965-I | 25:5 | 18:6 | 15:1 | 3.5 | 4.2 | 8:0. | 2.2 |
| II | 25:3 | 18.5 | 15.1 | 3.5 | 4.5 | 8.1 | 2.1 |
| III | 25.7 | 19.3 | 15.5 | 3.8 | 4.4 | 8:3 | 2.2 |
| IV | 26.2 | 19.6 | 15.8 | 3.8 | 4.6 | $7.9{ }^{\prime}$ | 2.4 |
| 1966 - I p/ | 29.1 | 19:0 | 14.7 | 4.3 | 7.0 | 11.7 | 2.4 |
| II $\mathrm{p} /$ | 23.6 | 15:3 | 12.1 | 3.3 | 6.1 | 9:4 | 2.2 |
| : IIIp/ | 17.7 | 10.6 | 8.3 | 2.3 | 5:1 | 7.7 | 2.1 |
| $\operatorname{IVp} /$ | 14.6 | 9.2 | 7.2 | 2.0 | 4.0 | 5.6 | 1.7 |
| 1967 - Ip/ | 16.2 | 9.9 | $6: 8$ | 3.1 | 3:8 | 7.3 | 1.8 |
| IIpl | 20.3 | 13:7 | 10:5 | 3.3 | 4.8 | 8.0 | 1.9 |
| IIIp/ | 26.2 | 19.1 | 15.3 | 3.8 | 4.8 | 8.8 | 2.4 |
| - IVD/ | 28.0 | 20.9 | 16.5 | 4.4 | 5.1 | 8.8 | 2.6 |
| 1968- $\mathrm{Ip}_{\mathrm{p}} /$ | 27.7 | 18.2 | 16.3 | 2.0 | 6.3 | 8.6 | 2.5 |
| IIp/ | 26.0 | 18.5 | 14.6 | 3.9 | 5.3 | 9.2 | 2.3 |
|  | 25.7 | 18.0 | 14.6 | 3.4 | 5.5 | 9.2 | 2.3 |

1 Derived from data on mortgage debt outstanding from Federal Deposit Insurance Corporation, Federal Home Loan Bank Board, Institute of Life Insurance, National Association of Mutual Savings Banks, Departments of Commerce and Agriculture, Federal National Mortgage Association, Federal Housing Administration, Veterans Administration and Comptroller of the Currency. Separation of nonfarm mortgage debt by type of property, where not available, and interpolations and extrapolations, where required, estimated by Federal Home Loan Bank Board and the Federal Reserve.
2 Residential mortgage debt includes nonfarm only and is sum of 1-to 4- family and multifamily mortgage dept combined.
p/ Preliminary.

NET INCREASES IN MORTGAGE DEBT OUTSTANDING


TABLE 14: FNMA Weekly "Auction". Results


Note: Under the FNMA auction system, approved seliers bid for a predetermined volume of FNMA forward purchase commitments. These commitments, awarded to those sellers whose bids are accepted, authorize the seller to deliver Government-underwritten home mortgages to FNMA within a specified period of time. Final delivery of the mortgage is at the option of the seller.

1 For "proposed construction" of new homes only.
2 Average secondary market yield after allowance for commitment fee and required purchase and holding of FNMA stock, assuming prepayment of 15 years for 30-year Government-underwritten mortgages. Yields shown are gross, before deduction of 50 basis point fee paid by investors to servicers.

3 FNMA announced limit of accepted bids for next week's auction.

## FNMA WEEKLY "AUCTION" RESULTS



TABLE 15: Private housing starts and Permits

| DATE | STARTS |  |  |  |  |  |  | BUILDINGPERMITS(SEASONALLYADJUSTEDANNUALRATE) ${ }^{2}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | SEASONALLY ADJUSTED ANNUAL RATE |  |  |  |  | NADJ | TED |  |
|  |  |  |  | TOTAL | TYPE OF FINANCING |  |  |  |
|  |  |  |  | FHA | VA | OTHER |  |
|  | TOTAL 1 | 1-FAMILY | 2 OR MORE |  |  |  |  |  |
| 1967 - Oct. | 1,496 | 913 | 583 |  | 135.4 | 19.4 | 5.3 | 110.7 | 1,253 |
| Nov. | 1,590 | 952 | 638 | 118.4 | 15.2 | 4.5 | 98.7 | 1,204 |
| Dec. | 1,250 | 797 | 453 | 80.1 | 15.7 | 3.6 | 60.8 | 1,368 |
| 1968 - Jan. | 1,456 | 912 | 544 | 80.5 | 13.9 | 3.4 | 63.2 | 1,148 |
| Feb. | 1,537 | 1,075 | 462 | -84.6 | 17.0 | 4.1 | 63.5 | 1,394 |
| Mar. | 1,511 | 920 | 591 | 126.6 | 19.6 | 4.5 | 102.4 | 1,416 |
| Apr. | 1,591 | 922 | 669 | 162.0 | 22.6 | 5.4 | 134.0 | 1,340 |
| May | 1,364 | 838 | 526. | 140.9 | 20.5 | 5.5 | 114.9 | 1,280 |
| June | 1,365 | 790 | 575 | 137.9 | 19.8 | 5.0 | 113.1 | 1,281 |
| July | 1,531 | 904 | 627 | 139.8 | 18.8 | 4.9 | 116.2 | 1,289 |
| Aug. | 1,518 | 867 | 651 | 136.6 | 20.9 | 4.8 | 110.9 | 1,290 |
| Sept. | 1,592 | 944 | 648 | 134.3 | 18.6 | 4.6 | 111.1 | 1,393 |
| Oct. | 1,562 | 960 | 602 | 140.0 | 21.4 | 5.3 | 113.2 | 1,378 |
| Nov. | 1,677 | 885 | 792 | 122.7 | 17.5 | 4.2 | 101.0 | 1,390 |

1 Total starts are Census estimates including farm for both permit-issuing and non-issuing areas. A dwelling unit is started when excavation begins; all units in an apartment structure are considered started at that time. FHA and Va starts are units started under commitments by these agencies to insure or guarantee the mortgages. As reported by FHA and VA, a unit is started when a field office receives the first compliance inspection report, which is made before footings are poured in some cases but normally after the foundations have been completed. Capehart military housing units are excluded. Other starts are derived as a residual, although total and FHA and VA starts are not strictly comparable in concept or timing; other starts include both units financed by conventional mortgages and units without mortgages.
2 Building permits before January 1963 are Census estimates for about 10,000 areas identified as having a local building permit system in 1959. Estimates beginning January 1963, are for approximately 12,000 and beginning January 1967 13,000, or all known permit-issuing places. Unlike starts, seasonally adjusted building permits reflect direct adjustment for differences in the number of working days per month, as well as other differences in timing and coverage.
r. Revised.
p Preliminary.


TABLE 16: Mortgage and Bond Yields ${ }^{1}$

| DATE | $\begin{gathered} \text { FHA } \\ \text { MORTGAGES }{ }^{2} \end{gathered}$ |  | CONVENTIONAL MORTGAGES 3 | SPREAD BETWEEN YIELDS ON CONV. \& FHA MORTGAGES 4 | NEWAaa COR-PORATEBONDS5 | SPREAD BETWEEN YIELDS ON NEW CORPORATE BONDS AND FHA MORTGAGES |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 25-YEAR | 30-YEAR |  |  |  |  |
| 1957 - High | 5.63 | ñ.a. | 6.00 | . 47 | 4.94 | 1.58 |
| 1958 - Low | 5.35 | n.a. | 5.55 | . 15 | 3.65 | . 88. |
| 1959-60-High | 6:24 | n.a. | 6.30 | . 23 | 5.25 | 1.69 |
| 1961-66 - Low | 5.43 | 5.44 | 5.80 | . 25 | 4.12 | . 77 |
| 1966 - High | 6.73 | 6.81 | 6.70 | .30 | 5.82 | 1.11 |
| 1967 - High | n.a. | 6.81 | 6.65 | . 11 | 6.53 | 1.26 |
| Low | n.a. | 6.29 | 6.40 | -. 12 | 5.20 | . 24 |
| 1968 - High | n.a. | 7.52 | 7.30 | . 02 | 6.66 | 1.09 |
| Low | n.a. | 6.78 | 6.75 | -. 27 | 6.24 | . 27 |
| 1968 - June | n.a. | 7.52 | 7.25 | -. 27 | 6.65 | . 87 |
| July | n.a. | 7.42 | 7.30 | -. 12 | 6.54 | . 88 |
| Aug. | n.a. | 7.35 | $7: 30$ | -. 05 | 6.26 | 1.09 |
| Sept. | n.a. | 7.28 | 7.30 | . 02 | 6.30 | . 98 |
| Oct. | n.a. | 7.29 | 7.25 | -. 04 | 6.57 | . 72 |
| Nov. | n.a. | 7.36 | 7.30 | -. 06 | 6.64 | . 72 |

1 Neither mortgage nor bond yields take into account servicing costs which are much higher for mortgages than bonds. Generally, bonds pay interest semiannually; mortgages, monthly. Mortgage yields, if computed as equivalent to a semi-annual interest investment, would be slightly higher than given in the table.
2 Based on FHA-field-office opinions about average bid prices in the private secondary market for new-home mortgages for immediate delivery. Separate data available for 25 -year and--beginning July 1961--30-year mortgages with minimum downayments, weighted by probable volume of transactions. Yields computed by FHA, assuming prepayment period of 12 years for 25 -year mortgages and 15 years for 30 -year mortgages. Over the period for which they can be compared, the movement of the two mortgage yield series has been similar. Dashed lines indicate periods of adjustment to changes in contractual interest rates.
3 Based on FHA-field-office opinion on typical interest rates (rounded) on conventional first mortgages prevailing in the market areas of insuring office cities. Beginning with April 1960, rate relates only to new-home mortgages; prior to that date, rate related to both new as well as existing-home mortgages. Dashed line indicates this change in the series.
4 FHA mortgage yield data are for 25 -year mortgages through June 1961; 30-year mortgages thereafter. .
5 See note for Table I. n.a. Not avaịlable.


TABLE 17: Conventional Mortgage Terms ${ }^{1}$

r Revised. p Preliminary.
1 Compiled by Federal Home Loan Bank Board in cooperation with Federal Deposit Insurance Corporation. Data are weighted averages based on probability sample survey of characteristics of conventional first mortgages originated by major institutional lender groups, (including mortgage companies) for purchase of single family homes. Data exclude loans for refinancing, reconditioning, or modernization; construction loans to home-builders; and--in this exhibit--permanent loans which are coupled with construction loans to owner-builders. Data prior to 1965 on a comparable basis with the new series are pending. Related series on conventional mortgage rates only, based on unweighted opinions of regional-office directors of the Federal Housing Administration, are available somewhat sooner than the results of the FHLBB-FDIC survey, and are included-in the case of new home mortgage rates--in Table 16 .

2 Fees and charges-expressed as a percentage of the principal mortgage amount--include loan commissions, fees, discounts, and other charges which provide added income to the lender and are paid by the borrower. They exclude any closing costs related solely to transfer of property ownership.
3. Includes fees \& charges amortized over a 10 year period in addition to the contract interest rate.

CONVENTIONAL MORTGAGE TERMS



[^0]:    p Preliminary.
    1 Weekly average of daily figures. Average term of bonds. included is 22-24 years.
    2 Weekly average of daily figures.
    3 Thursday figures. Only general obligation bonds are included; average term is 20 years.
    SOURCE: MOODY'S INVESTORS SERVICE
    Note--Highs and lows are for individual series and may be on different dates for different series.

[^1]:    1 Annual growth rate for monthly data is the annualized monthly percentage increase in deposits
    2 Net New Money is the net change in deposits net of both withdrawals and interest. Data for S\&Ls are for insured associations only, which represent $96 \%$ of the total resources of the industry.
    3 Regular deposits at mutual savings banks exclude items such as Christmas club and certain escrow accounts, which represent a very small part of total deposits. SOURCE: National Association of Mutual Savings Banks and Federal Home Loan Bank Board.
    p Preliminary. $\underline{\underline{r} / \text { Revised. }}$

