

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

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### 3.5 Developments in the Corporate and Municipal Bond Markets

6.7 Capital Market Yields

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TABLE 1: Yields, Volume and Reception


1 Derived by adjusting to an $A \cdot 1 p$ basis, naw by Moody's Investors Service (expect serial
with call protection, rated $A$, $A a$, Aaa and convertible issues, oflorings 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 linventories


| CORPORATE BONDS RELEASED FROM SYNDICATE DURING LATEST WEEK |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\cdots: ~$ |  | AMOUNT | ISSUER | COUPON | $\begin{gathered} \text { ORIGINAL } \\ \text { YIELD } \end{gathered}$ | INCREASE <br> IN YIELD | RATING AND CALL PROT. | ESTIMATED PRO--PORTION RELEASED |
| OFFERED | RELEASED |  |  |  |  |  |  |  |
| 11/25 | 12/9 | 31.0 | Michigan Consolidated Gas | 7-1/2 | 7.25 | . 19 | A N.C. | 33\% |
| 12/26 | 12/13 | 50.0 | Humble Pipeline | 6-5/8 | 6.62 | . 16 | 今áa 10 y | S. $15 \%$ |



## BONDS IN SYNDICATE



TABLE 3: High Grade Bond Yields

| DATE | NEW CORPORATE ISSUES (ADJUSTED TO Aaa BASIS) | MOODY'S SEASONED CORPORATE Aaa ${ }^{1}$ | U.S. GOYERNMENT <br> 20-YEAR <br> CONSTANT <br> MATURITIES ${ }^{2}$ | SEASONED <br> STATE AND LOCAL <br> GOVERNMENT <br> Aaa ${ }^{3}$ |
| :---: | :---: | :---: | :---: | :---: |
| $1966-\underset{\text { Low }}{\text { High }}$ | $\begin{aligned} & 5.99(9 / 2) \\ & 4.82(1 / 7) \end{aligned}$ | $\begin{aligned} & 5.52(9 / 9) \\ & 4.73(1 / 7) \end{aligned}$ | $5.04(2 / 9)$ | $\begin{aligned} & 4.04(8 / 25) \\ & 3.39(1 / 10) \end{aligned}$ |
|  |  |  | $4.50(1 / 21)$ |  |
| $\begin{gathered} 1967 \text { - High } \\ \text { Low } \end{gathered}$ | $\begin{aligned} & 6.55(12 / 8) \\ & 5.11(2 / 10) \end{aligned}$ | $\begin{aligned} & 6.24(2 / 29) \\ & 5.00(2 / 10) \end{aligned}$ | $\begin{aligned} & 5.73(11 / 17) \\ & 4.48(1 / 20) \end{aligned}$ | $\begin{aligned} & 4.15(12 / 28) \\ & 3.25(2 / 9) \end{aligned}$ |
|  |  |  |  |  |
| $\begin{aligned} & \text { - High } \\ & \text { Low } \end{aligned}$ | $\begin{aligned} & 7.02(12 / 13) \\ & 6.13(8 / 30) \end{aligned}$ | $\begin{aligned} & 6.45(12 / 13) \\ & 5.95(9 / 13) \end{aligned}$ | $\begin{aligned} & \text { 5. } 79(12 / 13) \\ & 5.18(8 / 9) \end{aligned}$ | $\begin{aligned} & 4.45(12 / 12) \\ & 3.80(8 / 8) \end{aligned}$ |
| - Nov. $\begin{array}{r}15 \\ 22 \\ 29\end{array}$ | $\begin{aligned} & 6.54 \\ & 6.65 \\ & 6.75 \\ & 6.88 \\ & 7.02 \end{aligned}$ | $\begin{aligned} & 6.15 \\ & 6.17 \end{aligned}$ | 5.53 | 4.35 |
|  |  |  | 5.59 | 4.35 |
|  |  | 6.28 | 5.64 | 4.35 |
| $\text { Dec. } \begin{gathered} 6 \\ 13 \mathrm{p} / \end{gathered}$ |  | 6.33 | 5.76 | 4.40 |
|  |  | 6.45 | 5.79 | 4.45 |

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

e. Estimated by Federal Reserve.
p Preliminary.
1 Securities and Exchange Commission estimate of net proceeds.
2 Investment Bankers Association of America stimates 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 ! |  |  |  |  |  | NET PROCEEDS FOR NEW CAPITAL 12 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | TOTAL | BONDS |  | $\begin{aligned} & \text { COMMON } \\ & \text { AND } \\ & \text { PFD. } \\ & \text { STOCK } \end{aligned}$ | MEMO: |  | MFG. | PUBLIC UTILITY | commuñ CATIONS | OTHER ISSUES |
|  |  | PUBLICLY OFFERED | PRIVATELY <br> PLACED |  | ISSUES 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 | 4,064 | 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 |
| 1963 II | 5,705 | 3,105 | 1,644 | 956. | 172 | 758 | 1,653 | 1,201 | 529 | 2,159 |
| III | 5,133 | 2,606 | 1,361 | 1,166 | 124 | 1,037 | 1,599 | 1,143 | 483 | 1,758 |
| 1967 - Nov. | 1,500 | - 645 | 551 | 304 | 19 | 298 | 512 | 404 | 82 | 469 |
| 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 | 796 | 585 | 226 | 61 | 161 | 556 | 546 | 14.7 | 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 | 874 |
| 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 |
| Oct.e/ | 1,965 | 1,015 | 500 | 450 | n.a. | n.a. | 575 | 550 | 75 | 700 |
| Nov.e-/ | 1,810 | 935 | 500 | 375 | n.a. | n.a. | 500 | 405 | 145 | 675 |

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 financt, and commercial and other. SOURCE: Securities and Exchange Commission.
Quarterly supplements are available. n.a. Not available.

TABLE 6: Larạe Loing-term Public jecurity Isslies for New Capital
(Other than U.S. Treasury)

i !aLÉ Large I ng-term Pun!to Sfourity Issues for New Capit ' ' (continuedi
(Other thai U.S. Treasury) ${ }^{1}$


Rights offering. n. a. Not available.
1 Includes corporate and other security offerings of $\$ 15$ million and over; State and local security offerings of $\$ 10 \mathrm{million}$ and over.
2 Includes foreign government and international Bank for Reconstruction and Development issues and non-guaranteed issues by Federal Agencies.
3 In case of State and local suvernment securities, G.O. denotes general riligation; Rev.-lt., revenue obligations secured only by income from publicutiliti.s; Rev.-Q.-Ut., revenue bonds secured only $b ;$ income from quasi-utilities; Rev. -S.T., revenue bonds secured by revenue from specific taxes only; Rev. -Rent., revenue bonds secured solely by lease payments.
Digitized for FRASE Ronds due 1988-97 not reoffered.

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

December 13, 1968.

| ISSUER | TYPE ${ }^{\text {a }}$ | AMOUNT (MILLIONS OF DOLLARS) | APPROXIMAT OF OFF | TE DATE ERING |
| :---: | :---: | :---: | :---: | :---: |
| Corporate |  |  |  |  |
| Carter Group | Conv. debs. | 15.0 | December | 16 |
| Baltimore Gas \& Elec. Co. | lst mtg. bds. | 40.0 | December | 17 |
| Chris Craft Industries | Conv. sub. debs. | 26.0 | December | 24(rts. |
| Pennsylvania Power \& Light Company | 1st mtg. bds. | 40.0 | January | 6 |
| Northwestern Bell Telephone Company | Debs. | 75.0 | January | 7 |
| Cleveland Electric Illuminating Co. | 1st mtg. bds. | 50.0 | January | 8 |
| Panhandle Eastern Pipeline | Debs. | 40.0 | January | 8 |
| Duquesne Light Company | 1st mtg. bds. | 25.0 | January | 9 |
| *Philadelphia Electric | 1 st mtg . bds. | 70.0 | January | 13 |
| *Public Service Co. of New Mexico | 1st, mtg. bds. | 20.0 | January | 15 |
| $\therefore$ Public Service Co. of Indiana | 1st mtg. bds. | 40.0 | January | 14 |
| Alexander's Dept. Stores | Com. stk. | 20.0 | Indefinite |  |
| Forest Oil Corporation | Conv. debs. | 25.0 | Indefinit |  |
| G.S.I. Computer | Com. stk. | 30.0 | Indefinit |  |
| Kaufman and Broad | Conv. sub. debs. | 20.0 | Indefinit |  |
| Tesoro Petroleum | Debs. | 15.0 | Indefinite |  |
| Witco Chemical Corporation | Conv. sub. debs. | 15.0 | Indefinite |  |
| Central Hudson Gas \& Electric | 1st mtg. bds. | 20.0 | Indefinite |  |
| Gamble-Skogmo, Inc. | Cap. notes | 20.0 | Indefinite |  |
| Famous Artists Schools | Conv. sub. debs. | 16.5 | Indefinite |  |
| Libby-McNeil \& Libby | Conv. sub. debs. | 15.0 | Indefinite |  |
| F. \& M. Schaefer Corporation | Com. stk. | 39.0 | Indefinite |  |
| International Leisure Corp. | Units | 25.0 | Indefinite |  |
| Reading \& Bates Offshore Drilling Company | Conv. debs. | 20.0 | Indefinite |  |
| *Trans World Airlines | Conv. debs. | 150.0 | Indefinite |  |
| State \& local Government |  |  |  |  |
| State of Mississippi | G.O. | 12.7 | December | 17 |
| San Francisco Redevelopment Agency, California | Rev.-Rent. | 13.2 | December | 17 |
| Port of New York Authority | Rev. -Q. -Ut. | 100.0 | December | 17 |
| Tampa Hillsborough Co. Expressway Authority | Rev.-Q.-Ut. | 46.0 | December | 17 |
| Chicago, Illinois | G.O. | 35.5 | December | 19 |
| Clinton, Iowa | Rev.-Rent. | 30.0 | December |  |
| Delaware River Joint Toll Bridge Commission | Rev. -Q.-Ut. | 20.0 | December |  |
| *Hampden Township Ind. Dev. fofAuthase Pennsylvania | Rev. -Rent. | 10.0 | December |  |

TABLE 7: Forthcoming Large Long-term Public Security Offerings for New Capital (Other than U.S. Treasury)! (continued)


* Included in table for first time.

1 Includes corporate and other issues of $\$ 15$ million and over; State and local Government issues of $\$ 10$ million and over.
2 Includes foreign government and International Bank for Reconstruction and Development issues and non-guaranteed issues of Federal Agencies.
NOTE: Richmond, Illinois' $\$ 10$ million issue - indefinite; State of Hawaii's $\$ 30$ million issue, rescheduled January 9, Richmond, Virginia's $\$ 17.0$ million issue - "market conditions". Postponed indefinitely were two corporates - General Telephene of Michigan, $\$ 22$ million issue and Natural Gas Pipeline Company of America's \$25 million issue.

TABLE 8: Stnck Prices and Volume


## Digitized for FRASER



TABLE 9: Stock Market Credit


1 Margin debt, as reported by the New York Stock Exchange. Although margin debt until March 1968 included lnans secured by U.S. governments, the amount of such loans included is thought to have been small. "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 sumplied 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
(: inillions)

| DATE | MUTUAL SAVINGS BANKS . ${ }^{\text {a }}$ |  |  | SAVINGS \& LOAN ASSOCIATIONS |  |  | TOTAL |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | REGULAR DEPOSITS ${ }^{3}$ |  | $\begin{aligned} & \text { NET } \\ & \text { NEW } \\ & \text { MONEY }{ }^{2} \end{aligned}$ | SHARE CAPITAL |  | NET <br> NEW | DEPOSITS |  | $\begin{aligned} & \text { NET } \\ & \text { NEW } \\ & \text { MONEY } 2 \end{aligned}$ |
|  |  | AiNNUAL |  |  | ANNUAL |  |  |  |  |
|  | $\begin{aligned} & \text { NET } \\ & \text { FLOW } \end{aligned}$ | GROWTH RATE |  | $\begin{aligned} & \text { NET } \\ & \text { FLOW } \end{aligned}$ | GROWTH RATE | MONEY ${ }^{2}$ | NET FLOW | GROWTH ${ }_{\text {RATE }}$ |  |
|  | Not Seasonally Adjusted |  |  |  |  |  |  |  |  |
| 1965 | 3,563 | 7.4\% | 1,527 | 8,396 | 8. 3 \% | 4,458e | 11,959 | 8.0\% | 5,985e |
| 1966 | 2,591 | 4.9 | 227 | 3,656 | 3.3 | -552 | 6,247 | 3.8 | -325 |
| 1967 | 5,079 | 9.3 | 2,376 ${ }^{\circ}$ | 10,686 | 9.1 | 6,136 | 15,765 | 9.2 | 8,512 |
| 1967 - Aug. | 325 | --* | 283 | 646 | -- | 623 | 971 | -- | 906 |
| Sept. | 550 | -- | 53 | 1,193 | -- | 494 | 1,743 | -- | 547 |
| Oct. | 210 | -- | 94 | 495 | -- | 454 | 705 | -- | 548 |
| 1968 - Aug. | 238 | -- | 181 | $388$ |  | 370 | 626 | - | 551 |
| Sept. | 505 | - | -38 | $\underline{\underline{r}} / 1,134$ | -- | 325 | r/1,639 | -- | 287 |
| $\therefore$ Oct. $\mathrm{p} /$ | $\underline{r} / 202$ |  | $\underline{r} / 89$ | $\underline{r} / 497$ |  | 447 | r/699 | -- | $\underline{\mathbf{r} / 536}$ |
|  | Seasonally Adjusted |  |  |  |  |  |  |  |  |
|  | 420 | 8.2 | -- | 568 | 5.4 | -- | 988 | 6.3 | -- |
|  | 310 | 6.0 | -- | 745 | 7.1 | --" | 1,055 | 6.7 | -- |
|  | 303 | 5.9 | -- | 501 | 4.7 | -- | 804 | 5.1 |  |
|  | 319 | 6.2 | -- | 644 | 6.1 | -- | 963 | 6.1 |  |
|  | $\begin{array}{r} 356 \\ r / 364 \end{array}$ | $6.8$ | -- | $\mathrm{r} / 770$ | $r / 7.2$ | -- | $x / 1,126$ | $\underline{r} / 7.1$ |  |
|  | $\underline{\underline{r}} / 364 \quad \underline{r} / 6.9$ |  | -- | $\underline{r} / 793 \mathrm{r} / 7.4$ - |  |  |  |  |  |

1 Annual growth rate for monthly data is the annualized monthly percentage increase in deposits
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 aclude items such as Christmas club and certain escrow 'accounts, which represent a very small pari ui totil deposits.
SOURCE: National Association of Mutual Sa:ings batw and Federal Home Loand Bank Board.
p Preliminary: $\underline{\boldsymbol{r}} /$ Revised.

SAVINGS FLOWS (seasonally adjusted)
Mne:hly


1 Based on data from Federal Home Loan Bank Board and Savings Banks Assoications of New York Scate. 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 ${ }^{1}$


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

## NET CHANGE IN MORTGAGE HOLDINGS



TABLE 13: Net Increases in Mor tgage D.bt Outstanding '

| ( HARTER | TOTAL | RESIDENTIAI. ${ }^{2}$ | $\begin{gathered} 1-\text { to } 4- \\ \text { FAMILY } \end{gathered}$ | $\begin{aligned} & \text { MULTI- } \\ & \text { FAMILY } \end{aligned}$ | COMMERCIAL | MULTI-AND COMMERCIAL | FARM |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 15.1 | 3.5 | 4.2 | 8.0 | 2.2 |
| 1965 - I | 25.5 | 18.6 | 15.1 | 3.5 | 4.5 | 8.1 | 2.1 |
| II | 25.3 | 18.5 | 15.1 | 3.5 3.8 | 4.4 | 8.3 | 2.2 |
| III | 25.7 | 19.3 19.6 | 15.5 15.8 | 3.8 3.8 | 4.4 4.6 | 7.9 | 2.4 |
| IV | 26.2 | 19.6 | 15.8 |  | 7.6 | 11.7 | 2.4 |
| 1966 - I | 29.1 | 19.0 | 14.7 | 4.3 3.3 | 7.0 6.1 | 11.7 9.4 | 2.2 |
| II | 23.6 | 15.3 | 12.1 | 3.3 2.3 | 6.1 | 7.7 | 2.1 |
| III | 17.7 | 10.6 | 7.2 | 2.3 2.0 | 4.0 | 5.6 | 1.7 |
| IV | 14.6 | 9.2 | 7.2 |  |  |  |  |
| 1967-1 | I 16.2 | 9.9 | 6.8 | 3.1 | 3.8 | 7.3 | $\underline{r} / 1.8$ |
| 1967 TI | r/20.3 | 13.7 | 10.5 | 3.3 | 4.8 | 8.0 8.8 | r/1.9. |
| III | r/26.2 | 19.1 | 15.3 | 3.8 | 4.8 | 8.8 8.8 | r/ 2.6 |
| . TV | r28.0 | $\underline{r} / 20.9$ | 16.5 | 4.4 | 5.1 |  |  |
| 1968-I | r/27.7 | r/18.2 | 16.3 | 2.0 | $\underline{x} / 6.3$ | ¢R.6 | r/2. 2 |
| II | $\underline{\underline{r}} / 26.0$ | 玉 18.5 | $\underline{r} / 1.4 .6$ | 3.9 | $\underline{\underline{x}} 5.3$ | I9.2 | 上/ 2.3 |
| III | 25.7 | 18.0 | 14.6 | 3.4 | 5.5 | 9.2 | 2.3 |

T Herived from data on mertyage debt outstanding from Federal Deposit Trsurance Corporation, Federal home Loan Bank Board, In:titute of Life Insurance, Natinnal Association of Muthal Savings Banks, De;artments of Commerce and AgriVuture, Federal National Mcrtgage Association, Fi Jeral Housing Administration, Veterans Administration and Comptroller of the Curency. Soparation of nonfarm mortgage debt bv type of property, where not available, and interpolations and extrapolations, where required, estimated by Federal Home Loan Bank Board ant the Federal Reserve.
2. Ricidential mortgage debt includes nonfarm only and is sum of 1 -to 4 - family and multifamily mort;age debt combined.

## NET INCREASES IN MORTGAGE DEBT OUTSTANDING




Note: Total accepted shown in parenthesis for most recent week indicates FNMA announced limit before the "auction" date. Yields are gross to FNMA and are based on successful bid prices after allowance for commitment fees and initial stock purchase requirements and assuming a prepayment period of 15 years for 30 -year mortgages. One-year commitments are for new homes only.

1 Per cent of total offered to FNMA which is for one-year commitments on new homes.


TABLE 15: Private housing starts and Permits

| Date | STARTS |  |  |  |  |  |  | BUIIDINGPERMITS(SEASONALLYADJUSTEDANNUALRATE) ${ }^{2}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | SEASONALLY ADJUSTEDANNUAL RATE |  |  |  |  | NADJ | TED |  |
|  |  |  |  | TOTAL | TYPE OF FINANCING |  |  |  |
|  |  |  |  | FHA | VA | OTHER |  |
|  | TOTAL | 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 |
| 1.968 - 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 | 134.1 | 18.6 | 4.6 | 110.9 | 1,393 |
| Oct. | 1,548 | 948 | 600 | 139.0 | 21.4 | 5.3 | 112.2 | 1,357 |

1. Tinal. 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 con$\cdots n t i o n a l$ mortgages and units without mortgages.
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 mointh, as well as other differences in timing and coverage.
r Revised.
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p Preliminary.
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                                    4
    TABLE 16: Mortgage and Bond Yields '

| DATE | $\begin{gathered} \text { FHA } \\ \text { MORTGAGES }{ }^{2} \end{gathered}$ |  | CONVEN- <br> TIONAL <br> MORT- <br> gAGES <br> 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 | n.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 | п.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]
## MORTGAGE AND BOND YIELDS



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

|  | NEW HOMES |  |  |  |  |  | EXISTING HOMES |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DATE |  |  |  |  |  |  | $\begin{aligned} & \text { CON- } \\ & \text { TRACT } \\ & \text { RATE } \\ & \text { (PER } \\ & \text { CENT) } \\ & \hline \end{aligned}$ |  <br> CHARGES <br> (PER <br> CENT) <br> 2 | EFFEC- <br> TIVE <br> RATE <br> 3 | MATU- <br> RITY <br> (YEARS) | LOAN/ <br> PRICE <br> RATIO <br> (PER <br> CENT) | LOAN <br> AMT. <br> (\$000) |
|  | CON - : | FEES \& | $\begin{gathered} \text { NEW } \\ \hline \text { EFFEC- } \\ \text { TIVE } \\ \text { RATE } \\ 3 \end{gathered}$ | MATURITY <br> (YEARS) | LOAN / <br> PRICE <br> RATIO <br> (PER <br> CENT) |  |  |  |  |  |  |  |
|  | TRACT | CHARGES |  |  |  |  |  |  |  |  |  |  |
|  | RATE | (PER |  |  |  |  |  |  |  |  |  |  |
|  | (PER | CENT) |  |  |  |  |  |  |  |  |  |  |
|  | CENT) | 2 |  |  |  |  |  |  |  |  |  |  |
| 1967 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 25.4 | 73.8 | 21.2 | 6.39 | 0.78 | 6.52 | 22.5 | 73.0 | 17.3 |
| Oct. | 6.34 | 0.82 | 6.47 | 25.4 | 73.8 | 21.2 | 6.42 - | 0.77 | 6.55 | 22.7 | 72.9 | 18.3 |
| Nov. | 6.33 | 0.76 | 6.45 6.54 | 25.3 25.4 | 73.4 72.7 | 21.5 | 6.51 | 0.83 | 6.64 | 23.1 | 73.1 | 18.4 |
| Dec. | 6.41 | 0.84 | 6.54 | 25.4 | 72.7 | 21.5 | 6.51 | 0.83 | 6.64 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 6.52 | 25.4 | 72.9 | 21.7 | 6.57 | 0.82 | 6.70 | 22.7 | 73.7 | 18.4 |
| Jan. | 6.39 | 0.86 0.94 | 6.52 6.62 | 25.5 | 74.5 | 22.2 | 6.58 | 0.81 | 6.71 | 22.6 | 73.6 | 18.0 |
| Feb. | 6.47 | 0.94 0.88 | 6.62 6.64 | 25.7 | 74.3 | 22.4 | 6.54 | 0.79 | 6.72 | 23:0 | 73.3 | 18.6 |
| Mar. | 6.50 | 0.88 | 6.64 6.71 | 25.3 | 73.4 | 22.2 | 6.64 | 0.80 | 6.77 | 22.6 | 72.8 | 18.3 |
| Apr. | 6.57 | 0.88 | 6.71 6.84 | 25.0 | 73.2 | 22.1 | 6.81 | 0.87 | 6.95 | 22.5 | 73.1 | 18.5 |
| May | 6.69 | 0.95 | 6.84 7.03 | 25.4 | 74.4 | 22.6 | 6.97 | 0.86 | 7.12 | 22.6 | 73.1 | 18.4 |
| June | 6.88 | 0.95 | 7.03 | 25.4 25.5 | 74.4 73.7 | 22.5 | 7.10 | 0.83 | 7.23 | 22.5 | 72.6 | 18.6 |
| July | 7.04 | 0.85 | 7.17 7.24 | 25.5 25.5 | 73.7 73.6 | 22.8 | 7.12 | c/0.85 | 7.26 | 22.7 | 73.0 | 18.7 |
| Aug. | $\bigcirc 7.10$ | 0.87 | 7.24 7.24 | 25.5 25.5 | 73.6 74.2 | 22.5 | 7.11 - | ${ }^{+} 0.82$ | 7.25 | 22.6 | 72.6 | 18.4 |
| Sept. | 7.10 | 0.87 | 7.24 | 25.5 25.6 | 74.2 74.3 | 23.3 | 7.08 | 0.83 | 7.22 | 22.6 | 72.5 | 18.6 |
| Oct. | 7.08 | 0.87 | 7.22 | 25.6 | 74.3 | 23.3 | .08 |  |  |  |  |  |

$r$ Revised. p Preliminary c/. Correction.
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.

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## 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 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 downpayments, 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 available.

