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Capital Market Developments

December 22, 1975

Prepared by the CAPITAL MARKETS SECTION in conjunction with the MORTGAGE, AGRICULTURAL, and CONSUMER FINANCE SECTION DIVISION OF RESEARCH AND STATISTICS

BOARD OF GOVERNORS FEDERAL RESERVE SYSTEM Washington, D.C. 20551

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SYMBOLS

- e ESTIMATE
- D PRELIMINARY
- r REVISED
- n.a. NOT AVAILABLE
- DATA DO NOT EXIST

NOTICE

<u>Capital Markets Developments</u> will not be published on Monday, December 29, 1975 and Monday, January 5, 1976. The next issue will be Monday, January 12, 1976.

Table 1 YIELDS, VOLUME AND RECEPTION

			CORPORATE BOND MARKET							
			YIE	LDS	VOLUME					
WEEK ENDING		•.	NEW ISSUE ¹ Aaa ÚTILITY	RECENTLY 2 OFFERED Aaa UTILITY	GROSS 3 OFFERINGS (\$ MILLIONS)	PER CENT SOLD BY END OF WEEK	NEW ISSUES IN SYNDICATE (\$ MILLIONS)			
1975 - Oct.	. 3		9.72	9.70	398	93	5			
	10		9.60	9.56	357	98	0			
~	17		9.53	9.41	J 739	95	17			
S .	24		9.32	9.30	432	97	10			
\mathbf{O}	31		9.22	9.33	560	96	25			
Nov.	7		9.10	9.24	280	94	48			
	14		9.11	9.24	700	96	172			
	21		9.40	9.30	587	67	268			
•	28			9.25	100	85	135			
Dec.	5		9.46	9.34	425	88	105			
	12		9.37	9.25r	ູ 727	91	84			
	19	L	9.28p	9.19p	560	100	0			

	MUNICIPAL BOND MARKET									
	YIE	LDS		VOLUME						
WEEK ENDING	MOODY'S NEW ISSUE Aaa	BOND BUYER 20-BOND INDEX	GROSS ³ OFFERINGS (\$ MILLIONS)	PER CENT SOLD BY END OF WEEK	NEW ISSUES ⁴ IN SYNDICATE (\$ MILLIONS)					
1975 - Oct. 3 10	6.92 6.80	7.67 7.48	451 479	81 76	142 154					
17	6.60	7.29	335	92	86					
24	6.44	7.17	495	89	110					
31	6.60	7.36	375	74	122					
Nov. 7 14	6.74 6.62	7.52 7.43	471 372	78 89	194 122					
21	6.59	7.39	752	. 78	214					
28	6.59	7.39	657	92	163					
Dec. 5 12 19	6.52 6.53 6.49	7.31 7.34 7.30	420 358 601	89 82 82	110 121 123					
			•							

NOTES:

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1 Federal Reserve series of implied yield on newly issued, Aaa-rated utility bond with 5-year call protection.

2 Federal Reserve series of implied free-market yield on competitively bid Aaa-rated utility bond with 5-year call protection, released from price restrictions sometime during the last four weeks.

3 Estimated by F.R. on the basis of available data.

4 Corporate Market: Salomon Brothers Bond Market Roundup; Municipal Market: Weekly Bond Buyer. Data are adjusted by Federal Reserve when necessary to make coverage of this series consistent with the gross offerings series.

Table 2 HIGH GRADE BOND YIELDS

DATE	NEW ISSUE Aaa UTILITY	RECENTLY OFFERED ² Aaa UTILITY	MOODY'S SEASONED 3 CORPORATE Aaa	U.S. GOVT. 20-YEAR CONSTANT MATURITY	BOND BUYER 20-BOND INDEX
1971 - High	8.26 (7/30)	8.23 (1/1)	7.71 (8/21)	6.51 (6/18)	6/23 (6/23)
Low	7.02 (2/5)	7.17 (12/31)	7.06 (2/12)	5.69 (3/23)	4.97 (10/21)
1972 - High	7.60 (4/21)	7.49 (4/21)	7.36 (4/28)	6.19 (4/14)	6.54 (4/13)
Low	6.99 (11/24)	7.15 (12/1)	7.05 (2/12)	5.74 (11/17)	4.96 (10/21)
1973 - High	8.52 (8/10)	8.32 (8/10)	7.77 (8/24)	7.79 (8/10)	5.59 (8/3)
Low	7.29 (1/21)	7.28 (1/5)	7.11 (1/5)	6.42 (1/5)	4.99 (10/11)
1974 - High	10.61 (10/4)	10.52 (10/11)	9.39 (10/11)	8.68 (8/30)	7.15 (12/12)
Low	8.05 (2/15)	8.13 (1/4)	7.73 (1/4)	7.39 (1/4)	5.16 (2/7)
1975 - High	9.80 (5/2)	9.71 (5/25)	9.01 (5/2)	8.63 (9/19)	7.67 (10/3)
Low	8.89 (2/7)	9.06 (2/28)	8.57 (2/28)	7.63 (2/21)	6.27 (2/13)
1975 - Nov. 7	9.10	9.24	8.76	8.19	7.52
14	9.11	9.24	8.75	8.22	7.43
21	9.40	9.30	8.81	8.34	7.39
28		9.25	8.81	8.35	7.39
Dec. 5	9.46	9.34	8.83	8.34	7.31
12	9.37	9.25r	8.86	8.37r	7.34
19	9.28p	9.19p	8.83p	8.30p	7.30
					•

NOTES:

1 Federal Reserve series of implied yield on newly issued, Aaa-rated utility bond with 5-year call protection.

2 Federal Reserve series of implied free-market yield on competitively bid Aaa-rated utility bond with 5-year call protection released from price restrictions sometime during the last 4 weeks.

3 Weekly average of daily closing figures.

4 Weekly average of daily figures. U.S. Treasury data.

5 Thursday figures. The average rating of the 20 bonds used in this index falls midway between the four top groups as classified by Moody's Investors Service. Weekly Bond Buyer data.

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LONG-TERM CORPORATE AND STATE AND LOCAL GOVERNMENT SECURITY OFFERINGS AND PLACEMENTS

	×		GROSS	PROCEEDS		
PERIOD		CORPORATE		1	STATE AND LO	CAL
	1975	1974	1973	1975	1974	1973
January	5,376	3,328	2,327	2,361	2,255	1,977
February	4,526	2,687	1,962			
-	5,368			2,387	2,003	1,515
March	5,500	3,217	3,933	2,135	2,025	2,467
April	4,439	3,060	2,497	2,406	2,397	1,826
May	5,647	3,164	2,543	2,900	2,304	1,939
June	5,593	2,981	3,578	3,064	2,166	2,152
July	4,114	3,248	2,631	$3,560\frac{3}{3}$	1,459	2,028
August	4,114	2,667	1,806	2,7833/	1,106	1,657
September	'	1,617	1,915	2,703	1,701	
September		1,017	1,913	2,159-	1,701	1,750
October		4,609	3,398	2,246 ^{3/}	2,860	2,313
November		3,739	3,563	2,240	2,483	2,257
December		3,511	3,238	1	1,479	2,089
		3,311	5,250		1,479	2,009
21	15,270	9,232	8,222	6,883	6,283	5,959
2	15,679	9,205	8,618	8,370	6,867	5,917
23 (7,532	6,352	8,502	4,266	5,435
24		11,859	10,199	0,502	6,822	6,659
st Half	30,949					
Qtrs.	30,949	18,437	16,840	-	13,150	11,876
ear		25,969	23,192 /		17,416	17,311
ear		37,828	33,391 /		24,238	23,970
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IN MILLIONS OF DOLLARS

NOTES:

1 Securities and Exchange Commission estimates of gross proceeds.

2 Securities Industry Association estimates of principal amounts.

3 Includes Municipal Assistance Corporation bonds.

NEW CORPORATE SECURITY ISSUES BY TYPE OF ISSUE AND ISSUER

IN MILLIONS OF DOLLARS

		GROSS	PROCEEDS	BY TYPE OF	ISSUE		GROSS	PROCEEDS	BY TYPE OF	ISSUER
PERIOD		BO	NDS	COMMON	N	IEMO				
FERIOD	TOTAL	PUBLICLY	PRIVATELY	AND	ISSUES	INCLUDED	MANUFAC- TURING	PUBLIC UTILITY	COMMUNI- CATIONS	OTHER
		OFFERED	PLACED	STOCK	FOREIGN	CONVERTIBLE	Torning	OTETT	CATIONS	ISOULING
1974 - III	7,532	5,025	1,222	1,285	373	310	1,887	2,376	1,008	2,263
IV	11,859	8,611	1,571	1,677	374	76	4,079	3,702	743	3,337
1975 - I	15,270	10,829	2,333	2,108	1,255	1	6,055	4,732	1,380	3,105
II	15,679	10,510	1,588	3,581	1,035	656	6,513	4,405	1,338	3,423
1974 - July	3,248	2,086	616	546	223	205	1,094	618	295	1,242
Aug.	2,667	2,042	299	326	·	104	605	1,078	364	620
Sept.	1,617	897	307	413	150	1	188	680	349	401
Oct.	49,609	3,423	355	831	175		728	2,109	475	1,297
Nov.	3,739	3,016	330	393	199	76	1,699	964	93	985
Dec.	3,511	2,172	886	453		1	1,652	629	175	1,055
1975 - Jan.	5,376	3,657	1,130	589	470		1,901	1,268	938	1,268
Feb.	4,526	3,201	730	622	610		1,675	1,957	125	771
Mar.	5,368	3,971	500	897	175		2,479	1,507	317	1,066
Apr.	4,439	2,771	422	1,246	135	130	1,731	1,378	563	766
May	5,647	3,796	521	1,330	475	315	2,479	1,549	413	1,207
June	5,593	3,943	645	1,005	425	211	2,303	1,478	362	1,449
July	4,114	2,658	801	655	925	425	1,089	1,019	263	1,743
			· · · · · · · · · · · · · · · · · · ·							

NOTES:

1 Other issuers are extractive, railroad and other transportation, real estate and finance, and commercial and other.

Source: Securities and Exchange Commission.

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INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY

December 1, thru December 19, 1975

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ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	COUPON RATE	OFFERING YIELD	MOODY'S RATING
CORPORATE						
Appalachian Power Co.	1st mtge	60.0	1984	10,50	10.50	Baa/BBB
Iowa Pub. Service	1st mtge	25.0	2005	10.13	10.20	A/AA
Northwest Natural Gas	1st mtge	20.0	1986	10.50	10.50	Baa/BBB
Sedco Maritime Inc.	Fed gtr	48.1	1995	9.20	9.20	NR/AAA
Sedco Maritime Inc.	Fed gtr	25.9	1976-1982		6.25-8.30	NR/AAA
Ford Motor Credit Co.	Notes	100.0	1986	8.88	8.91	Aa/A 🍹
New Bedford Gas & Edison Light Co.	Notes	15.0	2000	10.63	10.50	Aa/A 🌂
Ford Motor Credit Co.	Debt	125.0 -	2006	9.75	9.82	Aa/A
Idaho Power Co.	Com stk	26.8				
Pacific Power & Light	Pfd stk	40.0		9.92	9.92	Baa/BBB
Detroit Edison	Pfd stk	50.0		11.00	11.00	Ba/BB
Union Electric Co.	Com stk	. 47, 6				
General Telephone Co of the Southwest	nfd stk	15.0		9.52	9.65	A
J.C. Penney Co.	com stk	136.5			·	
City Home Corp	pfd stk	50.0		11.00	11.00	~~
Ohio Edison	pfd stk	40.0		10,48	10.48	A/A
Denny's Inc.	com stk	18.0	\			
Cheapeake & Potomac Tel. Co. of Va.	debt	100.0	2015	9,25	9.35	Aaa
Sperry Rand Corp.	conv debt	150.0	2000	6.00	6.00.	Baa/BBB
Montana Power	1st mtg	65.0	2005	9.70	9.70	Aa
Detroit Edison Co.	1st mtg	50.0	2000	11.88	11.88	Baa/BBB
General Tele. Co. of the Southwest	debt	45.0	2005	9.88	9.95	A
Offshore Logistics Inc.	fed gtr	5.7	1985	8.45	8.45	Aaa

NOTES:

Rights offering.

1 Includes only corporate and other security offerings of \$15 million and over; excludes options, exchanges, and secondary offerings.

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Table 5A Continued

INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY

December 1, thru December 19, 1975

ISSUER	ТҮРЕ	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	COUPON RATE	OFFERING YIELD	MOODY'S RATING
ORPORATE						
Offshore Logistics Inc.	fed gtr	25.9	2000	9.13	9.13	Aaa
Portland General Elect. Co.	1st mtg	50.0	2005	11.63	11.69	Baa
Alabama Bancorp	notes	35.0	1984	9,50	9.50	NR/AA
Texasgulf Inc.	debt	125.0	2000	9.38	9.38	A/AA
Indiana & Michigan Elect. Co.	1st mtg	75.0	1984	10.88	10.70	BAA/BBI
lextron Inc.	Notes	75.0	1980	8.50	8.50	A
burlington Northern, Inc.	Equip tr	15.0	1977-91	8,50	7.25-8.60	Aa
Inion Tank Car Co.	Equip tr	32.8	2000	9.50	9.50	A
international Paper Co.	SF debt	150.0	2000	8.85	8.85	Aa/AA-
Inion Tank Car Co.	Equip tr	2.4	1981	8.60	8.60	A
Inion Tank Car Co.	Equip tr	2.4	1980	8,50	8.50	A
Inion Tank Car Co.	Equip tr	2.4	1979	8.40	8,40	A
Public Service Electric & Gas	Pfd stk	40.0		9.75 [·]	9.75	A/BBB
labama Power Co.	1st mtge	100.0	2005	10.50	10.50	A/A-
arter Hawley Hale Stores Inc.	Debt	60.0	2000	9.45	9,45	A
vco Financial Services	Notes	50.0	1983	9.75	9.75	A
labama Power Co.	Pfd stk	50.0	·	11.00	11.00	Baa/A-
merican Express Credit Corp.	Notes	50.0	1980	8,50	8.50	A/AA
Central Telephone Co.	1st mtge	20.0	2000	9.63	9.63	Aa/A+
Cesoro Petroleum Corp.	Pfd stk	100.0		8.64	8,64	
Northwest Energy Co.	Com stk	18.0				

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Table 5A Continued INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY

en fan de le construction de la construction de	December 1,	December 1, thru December 19, 1975					
ISSUER	ТҮРЕ	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	COUPON RATE	OFFERING YIELD	MOODY'S RATING	
CORPORATE							
Other	· .						
The World Bank	Debt	250.0	1980	8.35	8.35	Aaa	
The World Bank	Notes	250.0	1985	8.85	8.85	Aaa	
The World Bank	Notes	250.0	2000	9.35	9.35	Aaa	
Hudson Bay Mining & Smelting Co. Ltd.	SF debt	50.0	1975	10.50	10.50	Α	
European Coal & Steel Community	Notes	125.0	1980	8.88	8.88	Aaa	
Ottawa-Carleton, Municipality of	SF debt	30.0	1996	9.38	9.43	Aaa/AA	
Ottawa-Carleton, Municipality of	Debt	20.0	1977-1984	[`]	7.50-9.00	Aaa/AA	
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Table 5B

INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY 1

December 1, thru December 19, 1975

ISSUER	2 TYPE	AMOUNT (MILLIONS DOLLARS	OF	MATURITY	NET INTEREST COST	OFFERING YIELD	MOODY'S RATING
STATE AND LOCAL			、				
Missouri Environmental Improv. Auth.	Rev	13.4	7	2005	7.88	7.88	A
Minnesota, State of	G.O.	37.3	5€	1976-1995	5.61	3.40-6.30	Aaa
Washington, State of	G.O.	14.5		1976-2000	6.30	3.60-6.60	Aa
Washington, State of	G.O.	18.0		1976-2000	6.30	3.60-6.60	Aa
Halstead, Kansas	Rev	3.2		1979-1992	9.56	6.25-8.60	A
laistead, Kansas	Rev	4.9		2000	9.56	9.39	A
laistead, Kansas	Rev	6.9		2006	9.56	9.52	A
Vashington Pub. Power Supply Sys.	Rev	26.1		1983-1998	7.87	5.40-7.25	Aaa
Vashington Pub. Power Supply Sys.	Rev	52.7		2010	7.87	7.88	Aaa
Vashington Pub. Power Supply Sys.	Rev	71.2		2018	7.87	7.94	Aaa
G. Chicago Metro Sant. Dist., 111.	G.O.	25.0		1977-1990	6.00	4.10-6.50	Aa
Clayton Co. Sch. Dist., Ga.	G.O.	12.0		1977-2002	7.39	4.00-7.50	A-1
Maricopa Co. Sch. Dist. #3, Ariz.	Rev	13.9		1982-1988	6.43	5.70-6.50	A-1
Cleveland City S.D., Ohio	G.O.	20.0		1977-1996	8.00	6.00-8.00	Α .
Albuquerque Mun. Sch. Dist., N.M.	G.O.	15.8		1976-1981			A-1
Cuyahoga Co., Ohio	G.O.	15.0		1977-2000	7.21	4.75-7.75	Aa .
linnesoťa Higher Educ. Comm.	Rev	10.0		1980		5.75	A
East Orange, N.J.	G.O.	15.7		1976-2000	9.24	7.00-9.25	Α
Connecticut Dev. Auth.	Rev	10.1		1976-1987	7.70	4.50-7.10	Aa
Connecticut Dev. Auth.	Rev	3.8)	1992	7,70	7.60	Aa
Connecticut Dev. Auth.	Rev	3.6	•	1996	7.70	7.75	Aa
Connecticut Dev. Auth.	Rev	5.9	. '	2002	7.70	7.84	Aa
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NOTES:

1 Includes only state and local security offerings of \$10 million and over; excludes secondary offerings.

2 In case of State and local government securities, G.O denotes general obligation; Rev. Ut., revenue obligations secured only by income from public utilities; Rev.Q.Ut., revenue bonds secured only by 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.

3 Includes foreign government and International Bank for Reconstruction and Development issues and non-guaranteed issues by Federal Agencies.

Table 5B Continued

INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY

December 1, thru December 19, 1975

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	NET INTEREST COST	OFFERING YIELD	MOODY'S RATING
TATE AND LOCAL						î.,
Red River Auth. of Texas	Rev	10.7	2005	7.84	7.79	Α
Los Angeles Dept. of Airports,					۴.	ж,
Calif.	Rev	35.0	1976-2005	7.48	4.40-7.75	A-1
Union Co. Indust. Poll. Auth., N.J.	Rev	37.5	2005		6.70	Aaa
Tyler Ind. Sch. Dist., Texas	G.O.	16.0	1978-1995	5.76	3.75-6.70	A-1
Ohio. State of	Rev	11.5	`1978–2002	7.68	5.00-7.75	A
Denver, Colo.	G.O.	34.0	1976-1990	5.76	3.75-6.20	Aa
Carson Redevelopment Agy., Calif.	G.O.	5.0	1977-1988	7.92	4.75-7.25	Α
Carson Redevelopment Agy., Calif.	G.O.	13.0	2000	7.92	8.00	A.
Wayne Co., Mich.	G.O.	19.2	1977-2002	7.76	4,75-8,00	Α.
Pleasant Co., W. Va.	Rev	11.0	1995	8.66	8.50	
Indianapolís Sant. Dist., Ind.	G.O.	15.0	1978 - 1991	5.66	4.00-6.00	Aaa
Virginia Beach, Va.	G.O.	19.6	1976-1995	6.10	3.75-7.05	Aa
St. Bernard Par., La.	Rev	10.0	1985	8.73	7.40	Baa
St. Bernard Par., La.	Rev '	15.0	, 2000	8.73	8.90	Baa
Du Page Co. Forest Preserve Dist.,	1					
I11.	G.O.	14.0	1977-1988	5.78	4.20-6.10	A-1 ·
Erie Co. Hosp. Auth., Pa.	Rev	8.2	1980-1 9 91		6,00-8,50	A-1
Erie Co. Hosp. Auth., Pa.	Rev	6.4	1996		8.75	A-1
Erie Co. Hosp. Auth., Pa.	Rev	24.8	2006		9.00	A-1
Michigan State Hsg. Dev. Auth.	Rev	1.4	1977-1990	8.82	5.75-8.10	A-1
Michigan State Hsg. Dev. Auth.	Rev	13.8	2018	8.82	8.75	A-1
Russell Co. Indust. Dev. Auth., Va.	Rev	6.0	1980	9.74	8.00	Ba
Russell Co. Indust. Dev. Auth., Va.	Rev	5.0	1985	9.74	9.00	Ba
Russell Co. Indust. Dev. Auth., Va.	Rev	6.0	2000	9.74	10.00	Ba
New Jersey Mtg. Finance Agy.	Rev	16.2	1977-1985	6.99	5.50-7.00	A-1

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Table 6A

FORTHCOMING INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY ¹

AMOUNT APPROXIMATE ISSUER TYPE (IN MILLIONS DATE OF OFFERING OF DOLLARS) CORPORATE 50.0 Consumers Power Com stk January 1 7 New York State Elect. & Gas Corp. 1st mtge 60.0 January Cincinnati Gas & Elect. Co. Pfd stk 45.0 January 8 Indianapolis Power & Light Com stk 30.0 January 8 Chesapeake & Ohio Ry Equip tr 15.0 January · 13 125.0 Northern Natural Gas 1st mtge January 13 108.0 13 Middle South Utilities Com stk January 14 Southland Fin. Corp. Notes 35.0 January 14 Oklahoma Gas & Elect. 1st mtge 55.0 January 19 *Greyhound Corp. SF debt 100.0 January 20 *Texas Power & Light 1st mtge 100.0 January 20.0 21 *Hackensack Water Co. 1st mtge January Com stk 16.0 January 21 Central Illinois Light Pfd stk 20.0 22 *Puget Sound Pwr. & Lgt. Co. January 18.0 January *Indianapolis Water Co. lst mtge 50.0 January Associates Corp. of North America Notes Associates Corp. of North America Debt 50.0 January Eltra Corp. Debt 20.0 January *Santa Fe International Corp. Conv debt 30.0 Januarv Household Finance Corp. Debt 75.0 January Household Finance Corp. Debt 75.0 January Other 10.0 Notes 14 Toronto, City of January Debt . 60.0 January 14 Toronto, City of *Manitoba Hydro Elect. Bd. Debt 100.0 January 19 Electricite de France Notes 75.0 January 75.0 INDEF Asia Development Bank Notes

as of December 19, 1975

NOTES:

* Included in table or first time.

1 Includes only corporate and other security issues of \$15 million and over; excludes exchanges, options

Table 6B

FORTHCOMING INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY

Rhode Island, State of *Halstead, KansasG.O.23.6DecemberRev15.0DecemberGarland, TexasRev12.2JanuaryNew Jersey, State ofG.O.50.0JanuaryPennsylvania, State ofG.O.100.0January*California State ofG.O.100.0January*California Dept. of Water ResourcesG.O.100.0January*Ame Arundel Co.*, Md.Rev40.0January*Austin, TexasG.O.12.5JanuaryOakland Comm. College Dist., Mich.G.O.23.3JanuaryState ofG.O.60.0January*South Carolina, State ofG.O.23.3January*South Carolina, State ofG.O.23.3JanuaryPennsylvania Hsg. Fin. Agy.Rev17.0DecemberNewark, N.J.G.O.15.0December	ISSUER	TYPE	AMOUNT (IN MILLIONS OF DOLLARS)		
Rhode Island, State of *Halstead, KansasG.O.23.6DecemberGarland, Texas Garland, TexasRev15.0DecemberRev12.2JanuaryPennsylvania, State of *California, State of *California Dept. of Water ResourcesG.O.50.0JanuaryMemphis, Tenn. *Anne Arundel Co.*, Md. Oakland Comm. College Dist., Mich. 	STATE & LOCAL		k		
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*Halstead, Kansas Garland, TexasRev15.0DecemberGarland, TexasRev12.2JanuaryNew Jersey, State of Pennsylvania, State ofG.O.50.0January*California, State of *California Dept. of Water ResourcesG.O.100.0January*California Dept. of Water ResourcesG.O.100.0January*Memphis, Tenn. *Anne Arundel Co, Md. Oakland Comm. College Dist., Mich. Ohio, State of St. Paul Ind. Sch. Dist., #625 Minn. *South Carolina, State ofG.O.12.5Pennsylvania Hsg. Fin. Agy. Newark, N.J.Rev17.0December	Rhode Island, State of	G.O.	23.6	December	22
New Jersey, State of Pennsylvania, State of *California, State ofG.O.50.0January January*California, State of *California Dept. of Water Resources Memphis, Tenn. *Aunteh Arundel Co.', Md. Austin, Texas Oakland Comm. College Dist., Mich. Ohio, State of St. Paul Ind. Sch. Dist., #625 Minn. *South Carolina, State ofG.O.50.0January January G.O.January G.O.January January G.O.January January G.O.January January G.O.January January G.O.January January G.O.January January G.O.January January G.O.January G.O.January January G.O.January January G.O.January G.O.January January G.O.January G.O.January January G.O.January G.O.January January G.O.January January G.O.January January G.O.January January G.O.January January G.O.January January G.O.January January G.O.January January G.O.January January G.O.January January G.O.January January G.O.January January G.O.January January G.O.January January G.O.January January G.O.January January January G.O.January January January G.O.January January January G.O.January January January G.O.January January January G.O.January January January G.O.January January January G.O.January January January G.O.January January January January G.O.January Jan	*Halstead, Kansas	Rev	15.0	December	30
Pennsylvania, State of *California, State of Florida, State of Memphis, Tenn.G.O.100.0January January G.O.Memphis, Tenn. *Anne Arundel Co.*, Md. Austin, Texas Oakland Comm. College Dist., Mich. Ohio, State of St. Paul Ind. Sch. Dist., #625 Minn. *South Carolina, State ofG.O.100.0January January G.O.January G.O.Pensylvania Hsg. Fin. Agy. Newark, N.J.Rev100.0January JanuaryRev40.0January January G.O.January G.O.January January G.O.Co.12.5January JanuaryG.O.60.0January January G.O.Co.12.5January JanuaryG.O.60.0January JanuaryG.O.60.0January JanuarySouth Carolina, State ofG.O.30.0Postponement Newark, N.J.Rev17.0DecemberJanuary		Rev	12.2	January	6
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*California, State of Florida, State of *California Dept. of Water ResourcesG.O.85.0January January (Rev%California Dept. of Water ResourcesG.O.10.0January (G.O.January (G.O.%Memphis, Tenn. *Anne Arundel Co., Md. Austin, Texas Oakland Comm. College Dist., Mich. Ohio, State of St. Paul Ind. Sch. Dist., #625 Minn. *South Carolina, State ofG.O.12.5January (G.O.Postponement Pennsylvania Hsg. Fin. Agy. Newark, N.J.Rev17.0December		G.O.	100.0	January	8
Florida, State of *California Dept. of Water Resources Memphis, Tenn. *Anne Arundel Co., Md. Austin, Texas Oakland Comm. College Dist., Mich. Ohio, State of St. Paul Ind. Sch. Dist., #625 Minn. *South Carolina, State ofRev10.0 G.0. January G.0.January January G.0. January G.0. G.0.Postponement Pennsylvania Hsg. Fin. Agy. Newark, N.J.Rev G.0.17.0 December I		G.O.	85.0	January	13
*California Dept. of Water Resources Memphis, Tenn.G.O.10.0January January G.O.*Anne Arundel Co., Md. Austin, Texas Oakland Comm. College Dist., Mich. Ohio, State of St. Paul Ind. Sch. Dist., #625 Minn.G.O.24.0January January G.O.January G.O.South Carolina, State of *South Carolina, State ofG.O.12.5January January G.O.January G.O.Postponement Pennsylvania Hsg. Fin. Agy. Newark, N.J.Rev17.0December		Rev	10.0	January	13
Memphis, Tenn.G.O.24.0JanuaryAnne Arundel Co.', Md.G.O.18.0JanuaryAustin, TexasG.O.18.0JanuaryOakland Comm. College Dist., Mich.G.O.12.5JanuaryOhio, State ofG.O.60.0JanuarySt. Paul Ind. Sch. Dist., #625 Minn.G.O.23.3JanuarySouth Carolina, State ofG.O.30.0JanuaryPostponementPennsylvania Hsg. Fin. Agy.Rev17.0DecemberNewark, N.J.G.O.15.0December15.0		1.	10.0	•	13
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Ohio, State of St. Paul Ind. Sch. Dist., #625 Minn.G.O.60.0JanuarySouth Carolina, State ofG.O.23.3JanuaryG.O.30.0JanuaryPostponement Pennsylvania Hsg. Fin. Agy.Rev17.0DecemberNewark, N.J.G.O.15.0December	Austin, Texas	Rev	40.0	January	15
Ohio, State of St. Paul Ind. Sch. Dist., #625 Minn.G.O.60.0JanuarySouth Carolina, State ofG.O.23.3JanuaryG.O.30.0JanuaryPostponement Pennsylvania Hsg. Fin. Agy.Rev17.0DecemberNewark, N.J.G.O.15.0December		G.O.	12.5		15
*South Carolina, State of G.O. 30.0 January Postponement Pennsylvania Hsg. Fin. Agy. Rev 17.0 December Newark, N.J. G.O. 15.0 December	Ohio. State of	G.O.	60.0	January	20
Postponement Pennsylvania Hsg. Fin. Agy. Rev 17.0 December Newark, N.J. G.O. 15.0 December	St. Paul Ind. Sch. Dist., #625 Minn.	G.O.	23.3	January	20
Pennsylvania Hsg. Fin. Agy.Rev17.0DecemberNewark, N.J.G.O.15.0December	South Carolina, State of	G.O.	30.0	January	21
Newark, N.J. G.O. 15.0 December					
					10
Suffolk Co., N.Y. G.O. 27.0 December				December	16
	Suffolk Co., N.Y.	G.O.	27.0	December	18
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as of December 19, 1975

NOTES:

Includes state and local government issues of \$10 million and over, foreign government, International Bank for Reconstruction issues of Federally sponsored agencies; excludes secondary offerings.

Included in the table for the first time.

	18016			
STOCK	PRICES	AND	VOLUME	

DATE			STOCK PRICES	1		TRADING VOLUM	TRADING VOLUME 2		
2412	NYSE INDEX	3 BJ INDUSTRIALS	AMEX 4	NASDAQ .	NYSE	AMEX	NASDAQ		
973 - High	65.48 (1/11)	1051.50 (1/11)	130.47 (1/11)	136.84 (1/11)	26.0 (9/20)	5.5 (1/12)	11.3 (1/11)		
Low	49.12 (12/13)	788.31 (12/5)	85.26 (12/20)	89.12 (12/13)	9.0 (8/20)	1.4 (8/20)	3.5 (8/27)		
974 - High	53.37 (3/13)	891.66 (3/13)	102.01 (3/14)	96.53 (3/15)	24.9 (1/3)	4.4 (1/3)	7.5 (1/3)		
Low	32.89 (10/3)	577.60 (12/6)	58.26 (12/9)	54.87 (10/3)	7.5 (7/5)	.9 (9/26)	2.8 (7/5)		
975 - Hig	51.24 (7/15)	881.81 (7/15)	96.86 (7/15)	88.00 (7/15)	35.2 (2/13)	4.2 (2/21)	8.1 (2/13)		
Low	37.16 (1/8)	632.04 (1/2)	62.20 (1/2)	60.70 (1/2)	8.7 (9/15)	1.1 (9/15)	2.5 (9/15)		
975 ct. 3 10 17 24 31	45.49 46.67 47.06 47.57 47.06	813.21 832.91 832.18 840.52 836.04	83.21 84.13 83.38 83.07 82.79	75.50 76.96 77.63 78.62 76.99	13.6 15.3 16.2 17.2 15.3	1.5 1.5 1.5 1.6 1.5	4.4 4.6 5.2 5.0 4.6		
iov. 7	47.24	835.80	83.34	77.21	15.0	1.4	4.9		
14	48.16	853.67	85.68	78.98	19.1	1.8	5.5		
- 21	47.38	840.76	84.37	77.74	17.2	1.6 ⁻	5.3		
28	48.24	860.67	85.82	78.80	15.8	1.5	4.9		
Dec. 5	45.84	818.80	82.40	74.72	17.1	1.8	5.3		
12	46.26	832.73	81.92	74.91	14.9r	1.7	4.9r		
19	46.82	844.38	82.43	75.92	16.7	2.0	5.6		
· · · ·		• •		X					

NOTES:

1 Figures other than highs and lows are Fridays only. Highs and lows are for the year and are not necessarily for Fridays.

- 4

2 Volume figures are weakly averages of daily figures (millions of shares).

3 12/31/65 = 50

13

4 Based on average price change until September 4, 1973 thereafter, based on market value of shares listed.

SECURITY CREDIT

	REGULATED	MARGIN CREDIT E	UNREGULATED NONMARGIN		
END OF PERIOD	BROKERS ON ¹ MARGIN STOCK	BROKERS ON ² CONVERTIBLE BONDS	3 BANKS	STOCK CREDIT AT BANKS	
OUTSTANDING	· ·				
1974 - Oct.	3,930	145	916	2,024	
Nov.	3,960	139	891	2,053	
Dec.	3,840	137	856.	2,064	
1975 - Jan.	3,950	134	848	1,919	
Feb.	4,130	136	830	1,897	
Mar.	4,180	134	844	1,882	
Apr.	4,360	138 -	824	1,885	
May	4,700	140	819	1,883	
June	4,990	146	n.a.	n.a.	
July	5,300	143r	n.a.	n.a.	
Aug.	5,220	142			
Sept.	5,250	145			
Oct.	5,300	144	. 1		
Nov.	5,370				
		· .			
HANGE IN OUTSTANDING					
1974 - Oct.	-90	-3	-8	-36	
Nov.	30	-6	-25	29	
Dec.	-90	-2	-35	11	
1975 - Jan.	110	-3	-8	-145	
Feb.	180	2	-18	-22	
Mar.	50	-2	14	-15	
Apr.	180	4	-20	-3	
May	340	2	-5	-2	
June	290 .	6	n.a.	n.a.	
July	310	-3r	n.a.	n.a.	
Aug.	-80	-1			
Sept.	30	3			
Oct.	50	-1			
Nov.	70				
			1		
			F		

NOTES:

1 Margin account debt as reported by the New York Stock Exchange, excluding credit for subscription issues and convertible bonds.

2 New York Stock Exchange data.

3 June data for banks are universe totals; all other data for banks represent estimates for all commercial banks based on reports by a reporting sample, which accounted for 60 per cent of security credit outstanding at banks on June 30.

4 Nonmargin stocks are those not listed on a national securities exchange and not included on the Board of Governors of the Federal Reserve System's list of OTC margin stocks. At banks, loans to purchase or carry nonmargin stocks are unregulated; at brokers, such stocks have no value.

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SAVINGS FLOWS AT NONBANK THRIFT INSTITUTIONS

	MUTU	AL SAVINGS B	ANKS	SAVINGS	& LOAN ASSO	CIATIONS		TOTAL	
DATE	REGULAR	DEPOSITS 1	NET 2	SHARE	CAPITAL	NET 2	DEP	OSITS	NET 2
	NET FLOW	ANNUAL 3 GROWTH RATE	NEW MONEY	NET FLOW	ANNUAL 3 GROWTH RATE	NEW MONEY	NET FLOW	ANNUAL 3 GROWTH RATE	NEW
1971	9,621	13.5	5,378	27,793	19.0	20,653	37,414	17.2	26,331
1972	10,067	12.4	5,451	32,567	18.7	23,884	42,634	16.7	29,335
1973	4,815	5.3	-442	20,237	9.8	10,507	25,052	8.4	10,062
1974	2,909	3.0	-2,822	16,053	7.0	4,669	18,952	5,8	1,847
1974 - July	-521		-733	-481	'	-581	-1,002		1 01/
Aug.	-646		-837	-1,147		-1,218	-1,793		-1,314
Sept.	319	· · ·	-689	1,425		-1,068	1,744		-2,055 -1,757
Oct.	-74	, , ·	-260	438	, [′]	312	-364		-1,757 52
1975 - June r/	1 071			1			1.0	,	
July	1,871 509		716	6,226		3,089	8,097		3,805
	197	, '	264	3,055		2,865	3,564		3,129
Aug. <u>r</u> / Sept.	785		-21	1,472		1,313	1,684		1,323
Oct. p/	330	'	-338	3,698		631	4,483		293
0ec. <u>p</u> /	330		120	2,282		2,103	2,612		2,223
		ι.		SEASO	NALLY ADJUS	ſED			
1975 - January	369	4.5		2,455	12.1		2,824	9.9	
February	715	8.7	'	3,057	14.9		3,772	13.1	
March	1,489	18.0		4,842	23.3)		6,331	21.7	·
April	867	10.3	<i>l</i>	3,642	17.2/		4,509	15.2	
Мау	1,352	15.9	<u>.</u>	4,331	20.2		5,683	19.0	
June	1,530	17.8		5,031	23.0)		6,561	21.6	
" July <u>r</u> /	957	11.0		4,144	18.6		5,101	16.5	
August <u>r</u> /	865	9.8		3,208	14.2		4,073	13.0	
September	621	7.0		3,049	13.3		3,670	11.6	
October <u>p</u> /	665	7.4		3,123	13.5	~	3,789	11.8	
	1			1		1	1		

IN MILLIONS OF DOLLARS

NOTES:

1 Regular deposits at mutual savings banks exclude items such as Christmas club and certain escrow accounts, which represent a very small pert of total deposits.

2 New deposits net of both withdrawals and interest. Data for S&L's are for insured associations only, which represent 96 per cent of industry total resources.

Digitized for FAnnus growth rate for monthly data is the annualized monthly percentage increase in deposits.

http://fraser.stibulsied.org/

MORTGAGE COMMITMENTS AT SELECTED THRIFT INSTITUTIONS

BILLIONS OF DOLLARS, SEASONALLY ADJUSTED

10000000

	OUTS	TANDING COMMI	TMENTS	NET CHANGE			
PERIOD	TOTAL	ALL SAVINGS & LOAN ASSOCIATIONS	SAVINGS BKS	TOTAL	ALL SAVINGS & LOAN ASSOCIATIONS	MUTUAL SAVINGS BKS (N.Y. STATE)	
1971 - Dec.	17.7	14.0	3.7	.49	.30	.19	
1972 - Dec.	25.1	20 22	4.9	.56	.55	.01	
1973 - Dec.	19.7	16.2	3.5	.15	.35	20	
1974 - Jan. Feb.	19.3 19.2	15.9 16.0	3.4 3.2	33 06	31	10 19	
Mar. Apr.	19.5 19.7	16.3 16.7	3.1 3.0	.20 .20	.34 .39	13 10	
May June	18.5 18.0 17.3	15.7 15.1 14.6	2.9	-1.08 61 64	-1.07 54 55	06	
July Aug. Sept.	17.3	14.0 13.9 13.5	2.8 2.8 2.7	56 56	66 39	04 01 13	
Oct. Nov.	14.9	12.5 12.0	2.4	-1.31	-1.05	30	
Dec.	14.4	12.3	2.2	03	.25	11	
1975 - Jan. Feb. Mar.	14.4 14.4 15.2	12.3 12.6 13.2	2.1 1.8 2.0	04 .04 .71	.06 .29 .60	10 25 .11	
Apr. May	16.2 16.9	13.2 14.3 14.9	2.0 2.1	1.13	.80 1.07 .61	.06	
June July	17.1	15.1 16.1	2.1 2.1	.34 .92	.27	.07	
- Aug. Sept.	19.4 20.1	17.2 17.9	2.2 2.2	1.18 .64	1.06 .74	+.12 06	
Oct.	20.0	18.0	2.1	.56	.65	09	
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NOTES:

Based on data from Federal Home Loan Bank Board and Savings Banks Association of New York State. Both series include a minor amount of nonresidential commitments; S&L commitments also include loans in process. Net changes are derived directly from unrounded end-of-period outstanding levels as reported and after seasonal adjustment by Federal Reserve. Subtotals may not add to totals because of rounding.

NET NEW MONEY BORROWINGS BY MAJOR HOUSING AGENCIES

IN MILLIONS OF DOLLARS

LUDING RT-TERM SCOUNT I.475 .,693 .,910 .,946 .+11 +598 -671 -695 +424 +508 .442 ,699 ,804 +878 ,768	TOTAL +1,528 +1,349 +1,850 +1,950 -150 +256 -756 -657 +450 -4 +992 +2,250 +1,499 +200	FHLB +998 +1,349 +1,500 +1,300 +1,500 +1,500	FHLMC	FNMA +530 +350 +650 +256 +44 +450 +450 	FNMA SHORT-TER DISCOUNT NOTES -53 +344 +60 -4 +161 +342 +85 -38 -26 +512
,693 ,910 ,946 +11 +598 -671 -695 +424 +508 ,442 ,699 ,804 +878	+1,349 +1,850 +1,950 -150 +256 -756 -657 +450 -4 +992 +2,250 +1,499	+1,349 +1,500 +1,300 +992 +1,500		+350 +650 +256 +44 +450 	+344 +60 -4 +161 +342 +85 -38 -26 +512
,910 ,946 +11 +598 -671 -695 +424 +508 ,442 ,699 ,804 +878	+1,850 +1,950 -150 +256 -756 -657 +450 -4 +992 +2,250 +1,499	+1,500 +1,300 -800 -657 +992 +1,500		+350 +650 +256 +44 +450 	+60 -4 +161 +342 +85 -38 -26 +512
,946 +11 +598 -671 -695 +424 +508 ,442 ,699 ,804 +878	+1,950 -150 +256 -756 -657 +450 -4 +992 +2,250 +1,499	+1,300 -800 -657 +992 +1,500		+650 +256 +44 +450 	+60 -4 +161 +342 +85 -38 -26 +512
,946 +11 +598 -671 -695 +424 +508 ,442 ,699 ,804 +878	+1,950 -150 +256 -756 -657 +450 -4 +992 +2,250 +1,499	+1,300 -800 -657 +992 +1,500		+650 +256 +44 +450 	-4 +161 +342 +85 -38 -26 +512
+11 +598 -671 -695 +424 +508 ,442 ,442 ,699 ,804 +878	-150 +256 -657 +450 -4 +992 +2,250 +1,499		-150 	+256 +44 +450 	+161 +342 +85 -38 -26 +512
-671 -695 +424 +508 ,442 ,699 ,804 +878	-756 -657 +450 -4 +992 +2,250 +1,499	-657 +992 +1,500		+44 +450 	+342 +85 -38 -26 +512
-695 +424 +508 ,442 ,699 ,804 +878	-657 +450 -4 +992 +2,250 +1,499	-657 +992 +1,500		+450 	-38 -26 +512
+424 +508 ,442 ,699 ,804 +878	+450 -4 +992 +2,250 +1,499	 -4 +992 +1,500			-26 +512
+508 ,442 ,699 ,804 +878	-4 +992 +2,250 +1,499	+992 +1,500	* , , ,		+512
,442 ,699 ,804 +878	+992 +2,250 +1,499	+992 +1,500	, ,		
,699 ,804 +878	+2,250 +1,499	+1,500	 	-	
,804 +878	+1,499			+750	+450
,804 +878	+1,499			7130	+449
				+499	+305
,768		+400	-200		+678
	+2,750	+1.700		+1,050	+18
,665	+1,599	+1,499		+100	+66
-89	+93	-217		+310	-182
+507	+961	+470		+491	-454
-242	-5	-4	/	-1	-237
-659	-254	-554	+300	0	-405
+440	+689	-11	0		-249
0	+69	-30	-1	+100	/ -69
,568		-1,279	0	o V	-289
252	+600	0	0	+600	-348
-165	+300	0	0	+300	-135
				1	
		~		1	
				1	
	1			1	
1					
- I					
1					
1					
	-659 -440 0 568 252 -165 	-659 -254 -440 +689 0 +69 -568 -1,279 -252 +600 -165 +300	$\begin{array}{cccc} -659 & -254 & -554 \\ -440 & +689 & -11 \\ 0 & +69 & -30 \\ 568 & -1,279 & -1,279 \\ 252 & +600 & 0 \end{array}$	-659 -254 -554 +300 -440 +689 -11 0 0 +69 -30 -1 568 -1,279 -1,279 0 252 +600 0 0 165 +300 0 0 Treasury Survey of Ownership.	-242 -5 -41 -59 -254 -554 +300 0 -440 +689 -11 0 +700 0 +69 -30 -1 +100 568 -1,279 -1,279 0 0 -252 +600 0 +600 -165 +300 0 0 +300 Treasury Survey of Ownership.

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NET CHANGE IN MORTGAGE HOLDINGS

IN MILLIONS OF DOLLARS

6

	TOTAL		2				
PERIOD	INCLUDING FNMA-GNMA	TOTAL	COMMERCIAL BANKS	MSB's	S & L's	INSURANCE COMPANIES	FNMA-GNM
· · ·	· ·		Not Sea	asonally A	djusted		-
•			0.440	1 0/5	10 254	2,348	4,909 2,388 2,026
1970	21,736	16,827	2,462	1,845	10,254 23,919	1,221	2 3 9 9
1971	41,647	39,259	9,940	3,938			2,300
1972	57,587	55,561	16,800	5,377	31,932	1,452	2,020
1973	58,372	55,072	19,600	5,642	25,552	4,278	3,300
1974	42,748	36,526	11,700	2,170	17,578	5,078	6,222
975 - Jan.	1,311	860	100	66	426	268	451
Feb.	1,586	1,512	-100	100	1,109	403	74
Mar.	2,329	1,942	0	70	1,614	258	387
Apr.	3,458	3,268	400	132	2,285	451	190
May	3,966	3,909	300	181	3,184	244	190 57 42 710
June	4,443	4,401	500	323	3,425	153	42
July	4,493	3,783	200	334	3,122	127	710
Aug.	4,435	3,937	300	213	3,259	165	498
Sept.	4,477	3,720	600	119	2,883	118	757
•	4,4//	5,720		226	2,996		
Oct.			Seas	sonally Ad			
				170	1 15/	335	506 199 561
975 - Jan.	2,612	2,106	447	170 242	1,154 1,646	556	199
Feb.	2,827	2,628	184			397	561
Mar.	2,469	1,908	53	47	1,411	563	391
Apr.	3,519	3,128	384	166	2,015		181
May	3,488	3,307	33	149	2,769	356	65
June	3,246	3,181	167	193	2,655	166	
July	3,851	3,329	175	269	2,751	134	522
Aug.	3,412	3,186	31	167	2,836	152	226
Sept.	4,381	3,830	449	175	3,069	137	551
Oct.				281	3,486		
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NOTES:

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, through August 1968, the Federal National Motrgage Association, and thereafter by FNMA and the Government 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. Altogether, these groups accounted for 33 per cent of the net increase estimated for all holders in 1974.

2 Beginning January 1972 data reflect activity in limited amount of conventional mortgages.

NET INCREASE IN MORTGAGE DEBT OUTSTANDING

IN BILLIONS OF DOLLARS, SEASONALLY ADJUSTED ANNUAL RATES

				1 .			·
		2	RESIDENTIAL		3	MULTIFAMILY	
QUARTER	TOTAL	TOTAL	1- to 4- FAMILY	MULTI- FAMILY	COMMERCIAL	& COMMERCIAL	FARM
1968 - I	28.1	19.4	16.3	3.1	6.4	9.5	2.3
II	26.4	18.2	15.0	3.2	6.0	9.2	2.2
111	25.5	17.2	13.6	3.5	6.5	10.1	1.8
IV	29.6	20.4	16.5	3.9	7.4	11.3~	/ 1.9
1969 - I	32.0	23.8	19.4	4.4	6.0	10.4	2.2
) 11	29.1	21.5	16.8	4.6	5.4	10.1	2.2
· III	25.8	18.7	14.0	4.7	5.3	10.0	1.7
IV	25.2	18.5	13.1	5.4	5.3	10.7	. 1.4
1970 I	20.7	14.4	9.4	5.0	4.8	9.8	1.5
II ·	22.9	16.8	11.6	5.2	4.6	9.8	1.5
111	28.5	21.3	15.0	6.3	5.1	11.5	2.1
IV	31.8	22.8	16.2	6.6	6.8	13.4	2.2
1971 - I	37.3	27.4	19.4	8.0	7.7	15.7	2.2
II	47.7	35.5	26.2 -	9.4	9.8	19.2	2.4
111	52.3	38.5	28.6	9.9	11.5	21.4	2.3
IV	54.2	41.2	31.3	9.9	10.5	20.4	2.5
1972 - I	62.8	46.1	37.7	8.4	14.1	22.5	2.6
II	64.9	47.0	37.4	9.6	15.3	24.9	2.6
III	65.1	47.1	38.0	9.1	15.3	24.4	2.6
IV	68.3	49.5	40.0	9.5	16.3	25.8	2.5
1973 - I	83.4	63.1	53.1	10.0	16.3	26.3	4.1
II	75.6	53.9	44.0	9.9	17.8	27.8	3.8
III	71.3	51.4	41.8	9.6	16.3	25.9	3.6
IV	57.9	38.3	31.7	6.5	15.0	21.5	4.6
1974 - I	58.5	39.5	32.1	7.4	15.4	22.7	3.6
II	65.3	44.0	37.1	6.8	17.3	24.1	4.0
III	50.0	35.7	27.5	8.2	9.0	17.2	5.3
IV	38.6	23`.7	17.3	6.4	7.6	14.0	7.3
1975 - I	35.2	25.5	21.3	4.3	4.9	9.2	4.8
11	50.7	38.9	36.1	2.8		1	
		30.1	50.1	2.0	7.8	10.6	4.0

NOTES:

 "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 dolt by type of property, where not available, and interpolations and extrapolations, where required, estimated mainly by Federal Reservo.

2 May differ somewhat from related flow of funds series mainly because of more aggregative type of seasonal adjustment.

3 Residential mortgage debt includes nonfarm only and is sum of 1-to 4- family and multifamily mortgage debt cumbined.

PRIVATE HOUSING PERMITS, STARTS, COMPLETIONS, AND MOBILE HOME SHIPMENTS IN THOUSANDS OF UNITS, SEASONALLY ADJUSTED ANNUAL RATES

	1		PERMITS	,		STARTS			COMPLETION		MOBILE
	PERIOD	TOTAL	1-FAMILY	2-OR MORE FAMILY	TOTAL	1-FAMILY	2-OR MORE FAMILY	TOTAL	1-FAMILY	2-OR MORE FAMILY	HOME SHIPMENTS
1969		1,324	626	698	1,467	811	656	1,399	808	592	41.7
1970		1,352	647	705	1,434	813	621	1,399	808	617	413
1971		1,925	906	1,018	2,052	1,151	901	1,418	1,014	692	401
1972		2,219	1,033	1,186	2,357	1,309	1,048	1,972	1,143	828	497
1973		1,820	882	937	2,045	1,132	914	2,014	1,143	828 840	576
1974		1,074	\ 644	431	1,338	888	450	1,692	932	760	567 329
	_			4					~		
1975		689	5\08	182	999	739	260	1,535	964	571	185
	Feb.	701	5/15	186	1,000	733	267	1,320	770	550	219
	Mar.	677	503	173	985	775	210	1,305	734	571	199
	Apr.	837	603	234	980	762	218	1,211	756	455	194
	May	912	, 658	254	1,130	887	243	1,276	, 8 32	444	224
	June	949	679	270	1,094	884	210	1,165	785	380	210
	July							+			
•	1 .	1,042	711	331	1,235	935	300	1,269	901	368	225
	Aug.	995	732	263	1,269	987	282	1,229	855	374	235
	Sept.	1,095	779	316	1,268	929	339	1,214	895	319	215
	Oct.	1,092	775	317 [″]	1,458	1,103	355	-			
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NOTES:

Private building permits (for 14,000 areas with permit systems, excluding farm), starts, and completions are Census Bureau data. A dwelling unit is started when excevation begins. the case of apartment buildings, all units are considered started at that time; however, all such units are considered completed when more than half of the units in the structure are ready for use. Private mou home shipments are Mobile Home Manufacturers Association data converted to seasonally adjusted annual rate by Census Bureau.

Digitized Fermit Bata for 1969 and 1970 based on 13,000 areas with permit systems

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Federal Reserve Bank of St. Louis

AVERAGE RATES AND YIELDS ON HOME MORTGAGES

			MAL LOANS			IA) INSURED ONDARY MAR	SPREAD BETWEEN RETURNS'ON	NEW Aaa	
	NEW HO	DMES	EXISTING	HOMES		NEW HOMES		CONVENTIONAL	
, PERIOD	RATE (IN PER CENT)	1 SPREAD (BASIS POINTS)	RATE (IN PER CENT)	1 SPREAD (BASIS POINTS)	YIELD (IN PER CENT)	SPREAD (BASIS POINTS)	DISCOUNT (PERCENTAGE POINTS)	AND HUD(FHA) NEW HOME MORTGAGES (BASIS POINTS)	
1973 - High	8.95	107	8.95	107	9.18	130	9.4	21	0.76
Low	7.70	31	7.75	37	7.55	130	2.2	-23	8.36 7.38
1974 - High Low	9.80	45	9.80	50	10.38	44	6.3	1	10.46
LOW	8.55	-70	8.60	-70	8.54	-25	2.3	-70	8.10
1974 - Oct.	9.70	- 33	9.70	- 33	10.13	10	4.6	-43	10.03
Nov. Dec.	9.55 9.45	-13 n.a.	9.60 9.45	- 8 n.a.	n.a. 9.51	[.] n.a. n.a.	n.a. 3.8	n.a. - 6	9.68 n.a.
1975 - Jan. Feb. Mar. Apr. May Jume July Aug. Sept. Oct.	9.15 9.05 8.90 9.00 9.05 9.00 9.00 9.15 9.25 9.25	15 11 -70 -66 -57 -37 -25 -34 -45 3	9.20 9.05 8.95 9.05 9.10 9.05 9.05 9.15r 9.30 9.30	20 11 -65 -61 -52 -32 -20 -34 -40 8	8.99 8.84 8.69 n.a. 9.16 9.06 9.13 9.32r 9.74 9.53	$ \begin{array}{c} -1 \\ -10 \\ -91 \\ -31 \\ -12 \\ -17 \\ 4 \\ 31 \\ \end{array} $	3.8 2.6 5.4 n.a. 5.0 4.3 4.8 6.2 5.5 4.0	16 21 21 n.a. -11 - 6 -13 -17 -49 -28	9.00 8.94 9.60 9.62 9.37 9.25 9.49 9.70 9.22
,	-	5.							

NOTES:

1 Gross yield spread is average mortgage return before deducting servicing costs, minus average yield on new issues of high-grade utility bonds with 5-year call protection.

Rates on conventional first mortgages (excluding additional fees and charges) are based on unweighted HUD (FHA) field office opinions on prevailing contract interest rates in the market areas of the insuring offices, rounded to the nearest 5 basis points. For secondary market data, weighted HUD office opinions on the average bid price for HUD (FHA) loans with minimum down-payment, prepaid in 15 years, for immediate delivery, are used.

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FNMA AUCTION RESULTS HOME MORTGAGE COMMITMENTS

			GO	VERNMENT-UNDERV	VRITTEN	CONVENTIONAL				
	DATE OF		(IN MILLI	AMOUNT ONS OF DOLLARS)	AVERAGE		OUNT OF DOLLARS)	AVERAGE YIELD		
			OFFERED ACCEPTED			OFFERED	ACCEPTED			
1974	- High Low			25) 333 (3/25) .18) 18 (11/18)				10.71 (9/9) 8.47 (3/11		
1975	- Jan.	13 27	25.3 41.4	21.2 28.6	9.37 9.12	17.9 11.1	. 14.9 10.6	9.50 9.39		
	Feb.	10 24	24.6 36.2	18.1 23.8	8.98 8.87	14.8 20.0	9.1 9.1	9.20 9.04		
	Mar.	10 24	99.2 460.5	60.1 321.4	8.78 8.85	34.4 60.7	22.1 35.8	8.96 9.00		
	Apr.	7 21	551.6 470.9	277.2 247.3	8.98 9.13	99.8 79.2	44 ['] .6 64.8	9.13 9.26		
	May	5° 19	525.5 165.6	280.4 115.0	9.29 9.25	69.8 46.4	43.9 38.4	9.43 9.41		
	June	2 16 30	172.5 73.4 358.7	80.4 38.6 246.9	9.14 9.06 9.07	51.2 28.5 67.5	27.1 15.7 47.3	9.26 9.21 9.18		
	July,	14 28	333.2 415.8	174.9 247.7	9.10 9.17	71.4 56.5	35.8 34.5	9.20 9.26		
	Aug.	11	[°] 578.7	365.5	9.32	96.9	48.9	9.38		
		25	643.1	223.0	9.50	98.5	31.0	9.55		
	Sept.	8	530.1	197.7	9.70	96.9	43.9	9.75		
/		22	293.6	142.0	9.86	68.8	35.2	9.92		
	Oct.	6	198.5	143.0	Q.95	27.5	23.5	10.02		
		20	43.2	23.2	9.65	9.7	9.2	9.81		
	Nov.	3 17	69.8 293.1	41.7 180.6	9.32 9.33	19.6 68.6	15.2 34.6	9.54		
	Dec.	1	255.9	138.5	9.32	73.9	40.5	9.38		

NOTES:

Average secondary market yields are gross before deduction of the fee of 38 basis points paid for mortgage servicing. They reflect the average ac cepted bid yield for home mortgages assigning a prepayment period of 12 years for 30-year loans, without special adjustment for Federal National Mortgage Association (FNMA) commitment fees and FNMA stock purchase and holding requirements on 4-month commitments. Mortgage amounts offered by bidders relate to total eligible bids general.