BANK and QUOTATION RECORD

REG. U. S. PATENT OFFICE

Stock Exchange Quotations

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General Quotations

OF OVER-THE-COUNTER SECURITIES

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June 1963

William B. Dana Company, Publishers

25 Park Place, New York 8, N. Y.

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Moore & Schley

120 Broadway
New York 5, N. Y.

ESTABLISHED
1880

MEMBERS
NEW YORK STOCK EXCHANGE
AMERICAN STOCK EXCHANGE
MIDWEST STOCK EXCHANGE

TELEPHONE WORTH 2-5900

NEW TOOLS

Take the following specifications:

Methods and equipment used up to this point have proven unequal to the task.

We are now in a situation where we must use a powerful tool with remarkable precision to accomplish a task which should be as easy as buttering toast.

Our attitude about this particular operation is poor because we are at a competitive disadvantage and the device is always difficult to operate.

The use of this device must not cost anything net. It must result in savings which offset the cost of its use.

The device?

A Sand Wedge!

The procedures used up to this point put the ball in a difficult situation: The wedge must be used to get the ball in close enough for one putt. How Is This Like New Technology?

American business is just now being exposed to the possibility of controlling operations with computers. A few of the more forward thinking have substantial programs devoted to mastering computer usage. Many resist the whole idea, hoping that electronics will go away.

Scientific advances such as the sand wedge and their adaptation to problems always mean hard work. Over and over again we have seen businesses which were willing to pay the heavy cost of progress make major gains on competition.

Moore & Schley investment studies emphasize this side of corporate operations. Some companies will gain on competition because they master the use of new methods.

W. P. O'Connor, Jr.

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BANK and QUOTATION RECORD

REG. U. S. PATENT OFFICE

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(Published Monthly)

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CHICAGO OFFICE—135 South La Salle Street.

WILLIAM B. DANA COMPANY, Publishers
25 Park Place, New York 7

Volume of Business on New York Stock Exchange

Month of May—	1963	1962	1961	1960
Stock sales (shares)	105,190,298	110,987,380	96,950,136	68,826,830
Bond sales (par value)—	$	$	$	$
Railroad and misc.	115,197,000	174,755,000	134,509,000	109,044,000
International Bank	33,000	------	------	------
Foreign govt.	11,052,700	8,416,000	6,308,000	5,827,000
United States Govt.	------	------	------	------
Total bond sales	126,282,700	183,171,000	140,817,000	114,871,000
Jan. 1 to May 31—	1963	1962	1961	1960
Stock sales (shares)	466,296,652	391,740,794	498,673,003	316,299,056
Bond sales (par value)—	$	$	$	$
Railroad & misc.	525,506,000	613,001,400	707,755,000	559,267,000
International Bank	286,000	------	------	------
Foreign givt.	41,766,900	35,309,400	31,445,100	31,097,650
United States Govt.	------	------	2,000	4,500
Total bond sales	567,558,900	648,310,800	739,202,100	590,369,150

Volume of Business on American Stock Exchange

Month of May—	1963	1962	1961	1960
Stock sales (shares)	27,933,745	34,005,011	70,749,755	25,830,415
Bond sales (par value)—	$	$	$	$
Domestic	8,881,000	8,900,000	5,481,000	2,215,000
Foreign govt.	135,000	118,000	157,000	124,000
Foreign corporate	77,000	137,000	165,000	44,000
Total bond sales	9,093,000	9,155,000	5,803,000	2,383,000
Jan. 1 to May 31—	1963	1962	1961	1960
Stock sales (shares)	119,393,712	145,453,714	269,070,760	113,124,962
Bond sales (par value)—	$	$	$	$
Domestic	33,020,000	30,798,000	23,965,000	11,545,000
Foreign govt.	1,252,000	714,000	1,476,000	679,000
Foreign corporate	185,000	689,000	835,000	394,000
Total bond sales	34,457,000	32,201,000	26,276,000	12,618,000

Dow-Jones Closing Stock Averages

	Industrials 30	Railroads 20	Utilities 15	Stocks Total 65	Big Board Volume
May 1	719.67	164.28	138.67	254.40	5,056,100
May 2	721.09	164.78	139.09	255.01	4,485,271
May 3	718.08	164.33	139.61	254.47	4,747,260
May 4	Saturday				
May 5	Sunday				
May 6	713.77	162.52	139.25	252.86	4,089,360
May 7	712.55	162.82	138.99	252.61	4,141,160
May 8	718.54	163.71	138.74	254.00	5,176,640
May 9	721.97	164.40	139.63	255.28	5,615,860
May 10	723.30	164.60	139.90	255.72	5,258,128
May 11	Saturday				
May 12	Sunday				
May 13	a723.01	164.65	140.25	a255.92	4,923,430
May 14	719.84	166.31	140.85	256.02	4,748,910
May 15	724.34	167.90	141.41	257.68	5,656,530
May 16	722.84	168.17	140.89	257.26	5,640,510
May 17	724.81	167.88	140.68	257.47	4,406,380
May 18	Saturday				
May 19	Sunday				
May 20	720.18	167.60	*140.79	*256.42	4,711,060
May 21	724.04	169.30	141.43	258.06	5,572,790
May 22	722.84	170.63	141.48	258.27	5,546,125
May 23	721.38	170.61	141.91	258.13	4,395,059
May 24	720.53	170.93	141.27	257.83	4,376,355
May 25	Saturday				
May 26	Sunday				
May 27	718.25	171.20	140.67	257.24	3,762,913
May 28	717.95	171.42	140.26	257.10	3,870,720
May 29	722.50	172.96	140.28	258.56	4,315,757
May 30	Memorial Day				
May 31	726.96	173.38	140.33	259.63	4,683,980

a The averages for the 30 industrial stocks and for the 65-stock composite average give effect to the Chrysler Corporation's distribution of one additional share of stock for each share held. This changed the divisor for the 30 industrials to 2.914 from 2.988 and that for the 65 stocks to 14.79 from 15.00.

*The averages for the 15 utility stocks and for the 65 stock composite average give effect to the Houston Lighting & Power Company's distribution of two additional shares of common stock for each share held. This changed the divisor for the 15 utilities to 5.43 from 6.04 and that for the 65 stocks to 14.46 from 14.79.

Rates for Money at New York

Call Loans Stk. Exch.:	May 3	May 10	May 17	May 24	May 31
Range for week (mixed & industrial collateral)	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Time loans (mixed and industrial collaterial)—					
Thirty days	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Sixty days	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Ninety days	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Four months	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Five months	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Six months	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Commercial paper—					
Double and single names prime 4 to 6 months	3¼@3¾	3¼@3¾	3¼@3¾	3¼@3¾	3¼@3¾

Call Loan Rates on the New York Stock Exchange

	Low	High	Renewal		Low	High	Renewal
May 1	3¾@4½	3¾@4½	3¾@4½	May 17	3¾@4½	3¾@4½	3¾@4½
May 2	3¾@4½	3¾@4½	3¾@4½	May 18	Saturday		
May 3	3¾@4½	3¾@4½	3¾@4½	May 19	Sunday		
May 4	Saturday			May 20	3¾@4½	3¾@4½	3¾@4½
May 5	Sunday			May 21	3¾@4½	3¾@4½	3¾@4½
May 6	3¾@4½	3¾@4½	3¾@4½	May 22	3¾@4½	3¾@4½	3¾@4½
May 7	3¾@4½	3¾@4½	3¾@4½	May 23	3¾@4½	3¾@4½	3¾@4½
May 8	3¾@4½	3¾@4½	3¾@4½	May 24	3¾@4½	3¾@4½	3¾@4½
May 9	3¾@4½	3¾@4½	3¾@4½	May 25	Saturday		
May 10	3¾@3½	3¾@4½	3¾@4½	May 26	Sunday		
May 11	Saturday			May 27	3¾@4½	3¾@4½	3¾@4½
May 12	Sunday			May 28	3¾@4½	3¾@4½	3¾@4½
May 13	3¾@4½	3¾@4½	3¾@4½	May 29	3¾@4½	3¾@4½	3¾@4½
May 14	3¾@4½	3¾@4½	3¾@4½	May 30	Holiday		
May 15	3¾@4½	3¾@4½	3¾@4½	May 31	3¾@4½	3¾@4½	3¾@4½
May 16	3¾@4½	3¾@4½	3¾@4½				

Daily Record of Time Loans

	Rates on Mixed Collateral					
	30 Days	60 Days	90 Days	4 Mos.	5 Mos.	6 Mos.
May 1	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
May 2	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
May 3	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
May 4	Saturday					
May 5	Sunday					
May 6	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
May 7	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
May 8	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
May 9	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
May 10	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
May 11	Saturday					
May 12	Sunday					
May 13	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
May 14	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
May 15	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
May 16	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
May 17	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
May 18	Saturday					
May 19	Sunday					
May 20	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
May 21	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
May 22	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
May 23	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
May 24	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
May 25	Saturday					
May 26	Sunday					
May 27	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
May 28	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
May 29	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
May 30	Holiday					
May 31	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½

Prime Bankers' Acceptances

	30 Days Bid Ask	60 Days Bid Ask	90 Days Bid Ask	120 Days Bid Ask	150 Days Bid Ask	180 Days Bid Ask
May 1	3⅛@3⅛	3⅛@3⅛	3⅛@3⅛	3⅜@3¼	3½@3⅜	3½@3⅜
May 2	3⅛@3⅛	3⅛@3⅛	3⅛@3⅛	3⅜@3¼	3½@3⅜	3½@3⅜
May 3	3⅛@3⅛	3⅛@3⅛	3⅛@3⅛	3⅜@3¼	3½@3⅜	3½@3⅜
May 4	Saturday					
May 5	Sunday					
May 6	3⅛@3⅛	3⅛@3⅛	3⅛@3⅛	3⅜@3¼	3½@3⅜	3½@3⅜
May 7	3⅛@3⅛	3⅛@3⅛	3⅛@3⅛	3⅜@3¼	3½@3⅜	3½@3⅜
May 8	3⅛@3⅛	3⅛@3⅛	3⅛@3⅛	3⅜@3¼	3½@3⅜	3½@3⅜
May 9	3⅛@3⅛	3⅛@3⅛	3⅛@3⅛	3⅜@3¼	3½@3⅜	3½@3⅜
May 10	3⅛@3⅛	3⅛@3⅛	3⅛@3⅛	3⅜@3¼	3½@3⅜	3½@3⅜
May 11	Saturday					
May 12	Sunday					
May 13	3⅛@3⅛	3⅛@3⅛	3⅛@3⅛	3⅜@3¼	3½@3⅜	3½@3⅜
May 14	3⅛@3⅛	3⅛@3⅛	3⅛@3⅛	3⅜@3¼	3½@3⅜	3½@3⅜
May 15	3⅛@3⅛	3⅛@3⅛	3⅛@3⅛	3⅜@3¼	3½@3⅜	3½@3⅜
May 16	3⅛@3⅛	3⅛@3⅛	3⅛@3⅛	3⅜@3¼	3½@3⅜	3½@3⅜
May 17	3⅛@3⅛	3⅛@3⅛	3⅛@3⅛	3⅜@3¼	3½@3⅜	3½@3⅜
May 18	Saturday					
May 19	Sunday					
May 20	3⅛@3⅛	3⅛@3⅛	3⅛@3⅛	3⅜@3¼	3½@3⅜	3½@3⅜
May 21	3⅛@3⅛	3⅛@3⅛	3⅛@3⅛	3⅜@3¼	3½@3⅜	3½@3⅜
May 22	3⅛@3⅛	3⅛@3⅛	3⅛@3⅛	3⅜@3¼	3½@3⅜	3½@3⅜
May 23	3⅛@3⅛	3⅛@3⅛	3⅛@3⅛	3⅜@3¼	3½@3⅜	3½@3⅜
May 24	3⅛@3⅛	3⅛@3⅛	3⅛@3⅛	3⅜@3¼	3½@3⅜	3½@3⅜
May 25	Saturday					
May 26	Sunday					
May 27	3⅛@3⅛	3⅛@3⅛	3⅛@3⅛	3⅜@3¼	3½@3⅜	3½@3⅜
May 28	3⅛@3⅛	3⅛@3⅛	3⅛@3⅛	3⅜@3¼	3½@3⅜	3½@3⅜
May 29	3⅛@3⅛	3⅛@3⅛	3⅛@3⅛	3⅜@3¼	3½@3⅜	3½@3⅜
May 30	Holiday					
May 31	3⅛@3⅛	3⅛@3⅛	3⅛@3⅛	3⅜@3¼	3½@3⅜	3½@3⅜

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Daily Rates of Foreign Exchange

The figures shown below are the approximate cable rates in the New York market for each business day of the current month.

	‡Argentina Peso (Free)	‡Australia Pound	‡Austria Schilling	¶Belgium Franc	Bolivia Boliviano	Brazil (Cruzeiro) Official	Brazil (Cruzeiro) Free
May 1	.0072	2.2309	.0386	.0200	.0850	.0545	.00167
May 2	.0072	2.2310	.0386	.0200	.0850	.0545	.00167
May 3	.0073	2.2308	.0386	.0200	.0850	.0545	.00167
May 4	Saturday						
May 5	Sunday						
May 6	.0072	2.2299	.0386	.0200	.0850	.0545	.00167
May 7	.0073	2.2303	.0386	.0200	.0850	.0545	.00167
May 8	.0073	2.2306	.0386	.0200	.0850	.0545	.00167
May 9	.0073	2.2305	.0386	.0200	.0850	.0545	.00167
May 10	.0072	2.2302	.0386	.0200	.0850	.0545	.00167
May 11	Saturday						
May 12	Sunday						
May 13	**	2.2305	.0386	.0200	.0850	.0545	.00167
May 14	**	2.2308	.0386	.0200	.0850	.0545	.00167
May 15	.0072	2.2311	.0386	.0200	.0850	.0545	.00167
May 16	.0072	2.2307	.0386	.0200	.0850	.0545	.00167
May 17	.0072	2.2305	.0386	.0200	.0850	.0545	.00167
May 18	Saturday						
May 19	Sunday						
May 20	.0072	2.2305	.0386	.0200	.0850	.0545	.00167
May 21	.0071	2.2305	.0386	.0200	.0850	.0545	.00167
May 22	.0072	2.2309	.0386	.0200	.0850	.0545	.00167
May 23	.0072	2.2309	.0386	.0200	.0850	.0545	.00167
May 24	.0072	2.2308	.0386	.0200	.0850	.0545	.00167
May 25	Saturday						
May 26	Sunday						
May 27	.0072	2.2309	.0386	.0200	.0850	.0545	.00167
May 28	.0072	2.2311	.0386	.0200	.0850	.0545	.00167
May 29	.0072	2.2317	.0386	.0200	.0850	.0545	.00167
May 30	Holiday						
May 31	.0073	2.2405	.0386	.0200	.0850	.0545	.00167

	‡Canada Dollar	‡Ceylon Rupee	Chile Escudo	Columbia Peso (Free)	¶Czechoslovakia Koruna	Denmark Krone
May 1	.9292	.2101	.2800	.1010	.1400	.1450
May 2	.9292	.2101	.2800	.1010	.1400	.1449½
May 3	.9292	.2101	.2800	.1010	.1400	.1450
May 4	Saturday					
May 5	Sunday					
May 6	.9292	.2100	.2700	.1010	.1400	.1448½
May 7	.9287	.2101	.2900	.1010	.1400	.1448½
May 8	.9277	.2101	.2900	.1010	.1400	.1448½
May 9	.9275	.2101	.2950	.1010	.1400	.1448¼
May 10	.9278	.2101	.3000	.1010	.1400	.1448¼
May 11	Saturday					
May 12	Sunday					
May 13	.9284	.2101	.3100	.1010	.1400	.1448
May 14	.9284	.2101	.3175	.1010	.1400	.1447¾
May 15	.9279	.2101	.3200	.1010	.1400	.1447¾
May 16	.9278	.2101	.3300	.1010	.1400	.1447¾
May 17	.9274	.2101	.3300	.1010	.1400	.1447¼
May 18	Saturday					
May 19	Sunday					
May 20	.9273	.2101	.3300	.1010	.1400	.1447¼
May 21	.9276	.2101	.3300	.1010	.1400	.1448
May 22	.9279	.2101	.3300	.1010	.1400	.1448
May 23	.9280	.2101	.3500	.1010	.1400	.1448
May 24	.9277	.2101	.3500	.1010	.1400	.1448¼
May 25	Saturday					
May 26	Sunday					
May 27	.9276	.2101	.3500	.1010	.1400	.1448¾
May 28	.9276	.2101	.3550	.1010	.1400	.1448¾
May 29	.9276	.2101	.3500	.1010	.1400	.1448¾
May 30	Holiday					
May 31	.9276	.2101	.3500	.1010	.1400	.1448¾

	Egypt Pound	‡England (Pound) Sterling	‡England (Pound) 30 Days	‡England (Pound) 60 Days	‡England (Pound) 90 Days	‡Finland Markka	‡Franc (Metropolitan) New Franc
May 1	2.33	2.7998	2.7985	2.7963	2.7943	.3105	.2040
May 2	2.33	2.7999	2.7988	2.7968	2.7949	.3105	.2040
May 3	2.33	2.7997	2.7985	2.7966	2.7948	.3105	.2040
May 4	Saturday						
May 5	Sunday						
May 6	2.33	2.7986	2.7976	2.7968	2.7940	.3105	.2040
May 7	2.33	2.7990	2.7979	2.7962	2.7946	.3105	.2040
May 8	2.33	2.7995	2.7981	2.7968	2.7950	.3105	.2040
May 9	2.33	2.7994	2.7982	2.7967	2.7947	.3105	.2040
May 10	2.33	2.7990	2.7978	2.7963	2.7943	.3105	.2040
May 11	Saturday						
May 12	Sunday						
May 13	2.33	2.7992	2.7891	2.7966	2.7950	.3105	.2040
May 14	2.33	2.7997	2.7986	2.7970	2.7955	.3105	.2040
May 15	2.33	2.8001	2.7986	2.7969	2.7951	.3105	.2040
May 16	2.33	2.7996	2.7984	2.7967	2.7950	.3105	.2040
May 17	2.33	2.7994	2.7981	2.7964	2.7947	.3105	.2040
May 18	Saturday						
May 19	Sunday						
May 20	2.33	2.7993	2.7980	2.7964	2.7948	.3105	.2040
May 21	2.33	2.7993	2.7984	2.7967	2.7950	.3105	.2040
May 22	2.33	2.7998	2.7985	2.7967	2.7949	.3105	.2040
May 23	2.33	2.7999	2.7989	2.7971	2.7953	.3105	.2040
May 24	2.33	2.7997	2.7987	2.7970	2.7952	.3105	.2040
May 25	Saturday						
May 26	Sunday						
May 27	2.33	2.7998	2.7989	2.7972	2.7954	.3105	.2040
May 28	2.33	2.8001	2.7992	2.7974	2.7956	.3105	.2040
May 29	2.33	2.8008	2.7998	2.7980	2.7963	.3105	.2040
May 30	Holiday						
May 31	2.33	2.8002	2.7994	2.7980	2.7962	.3105	.2040

All other footnotes on page 3.

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Daily Rates of Foreign Exchange—Continued

	‡Germany Deutsche Mark	Hong Kong Dollar	‡India Rupee	Indonesia Rupiah	Iran Rial	Iraq Dinar	‡Ireland Pound	Italy Lira	‡Japan Yen
May 1	.2505	.1750	.2096	.0235	.0135	2.80	2.7998	.0016	.0027
May 2	.2505	.1750	.2096	.0235	.0135	2.80	2.7999	.0016	.0027
May 3	.2506	.1750	.2096	.0235	.0135	2.80	2.7997	.0016	.0027
May 4	Saturday								
May 5	Sunday								
May 6	.2507	.1750	.2095	.0235	.0135	2.80	2.7986	.0016	.0027
May 7	.2506	.1750	.2095	.0235	.0135	2.80	2.7990	.0016	.0027
May 8	.2505	.1750	.2096	.0235	.0135	2.80	2.7995	.0016	.0027
May 9	.2506	.1750	.2096	.0235	.0135	2.80	2.7994	.0016	.0027
May 10	.2507	.1750	.2095	.0235	.0135	2.80	2.7990	.0016	.0027
May 11	Saturday								
May 12	Sunday								
May 13	.2508	.1750	.2096	.0235	.0135	2.80	2.7992	.0016	.0027
May 14	.2508	.1750	.2096	.0235	.0135	2.80	2.7997	.0016	.0027
May 15	.2508	.1750	.2096	.0235	.0135	2.80	2.8001	.0016	.0027
May 16	.2509	.1750	.2096	.0235	.0135	2.80	2.7996	.0016	.0027
May 17	.2510	.1750	.2096	.0235	.0135	2.80	2.7994	.0016	.0027
May 18	Saturday								
May 19	Sunday								
May 20	.2511	.1750	.2095	.0235	.0135	2.80	2.7993	.0016	.0027
May 21	.2511	.1750	.2096	.0235	.0135	2.80	2.7993	.0016	.0027
May 22	.2511	.1750	.2096	.0235	.0135	2.80	2.7998	.0016	.0027
May 23	.2511	.1750	.2096	.0235	.0135	2.80	2.7999	.0016	.0027
May 24	.2511	.1750	.2096	.0235	.0135	2.80	2.7997	.0016	.0027
May 25	Saturday								
May 26	Sunday								
May 27	.2511	.1750	.2096	.0235	.0135	2.80	2.7998	.0016	.0027
May 28	.2511	.1750	.2096	.0235	.0135	2.80	2.8001	.0016	.0027
May 29	.2511	.1750	.2096	.0235	.0135	2.80	2.8008	.0016	.0027
May 30	Holiday								
May 31	.2510	.1750	.2096	.0235	.0135	2.80	2.8008	.0016	.0027

	Lebanon Pound	‡Malaysia Malayan Dollar	‡Mexico Peso	‡Netherlands Guilder	‡New Zealand Pound	‡Norway Krone	Pakistan Rupee	Paraguay Guarani	Peru Sol	Philippine Is. Peso
May 1	.3190	.3259	.0800	.2782	2.7721	.1400	.2102½	.0081	.0374	.2570
May 2	.3200	.3258	.0800	.2782	2.7722	.1400	.2102	.0081	.0374	.2570
May 3	.3210	.3258	.0800	.2782	2.7719	.1399	.2102½	.0081	.0374	.2570
May 4	Saturday									
May 5	Sunday									
May 6	.3200	.3258	.0800	.2782	2.7708	.1399	.2102	.0081	.0374	.2570
May 7	.3200	.3258	.0800	.2782	2.7713	.1399	.2102	.0081	.0374	.2570
May 8	.3200	.3258	.0800	.2781	2.7717	.1399	.2102	.0081	.0374	.2570
May 9	.3215	.3258	.0800	.2780	2.7716	.1399	.2102	.0081	.0374	.2570
May 10	.3205	.3258	.0800	.2781	2.7712	.1399	.2102	.0081	.0374	.2570
May 11	Saturday									
May 12	Sunday									
May 13	.3205	.3258	.0800	.2781	2.7715	.1399	.2102	.0081	.0374	.2570
May 14	.3205	.3258	.0800	.2781	2.7719	.1399	.2102	.0081	.0374	.2570
May 15	.3205	.3258	.0800	.2781	2.7723	.1399	.2102	.0081	.0374	.2570
May 16	.3205	.3258	.0800	.2781	2.7718	.1399	.2102	.0081	.0374	.2570
May 17	.3205	.3258	.0800	.2781	2.7716	.1399	.2102	.0081	.0374	.2570
May 18	Saturday									
May 19	Sunday									
May 20	.3205	.3258	.0800	.2781	2.7715	.1399	.2102	.0081	.0374	.2570
May 21	.3205	.3258	.0800	.2781	2.7716	.1399	.2102	.0081	.0374	.2570
May 22	.3205	.3258	.0800	.2781	2.7721	.1399	.2102	.0081	.0374	.2570
May 23	.3205	.3258	.0800	.2781	2.7721	.1399	.2102	.0081	.0374	.2570
May 24	.3200	.3258	.0800	.2781	2.7719	.1399	.2102	.0081	.0374	.2570
May 25	Saturday									
May 26	Sunday									
May 27	.3200	.3258	.0800	.2781	2.7720	.1399	.2102½	.0081	.0374	.2570
May 28	.3200	.3258	.0800	.2781	2.7723	.1399	.2102½	.0081	.0374	.2570
May 29	.3200	.3259	.0800	.2781	2.7730	.1399	.2103	.0081	.0374	.2570
May 30	Holiday									
May 31	.3200	.3265	.0800	.2781	2.7730	.1399	.2102½	.0081	.0374	.2570

	‡Portugal Escudo	Saudi Arabia Riyal	Singapore Malayan Dollar	‡So. Africa Rand	‡Spain Peseta	‡Sweden Krone	‡Switzerland Franc	Turkey Lira	Uruguay Peso (Free)	——Venezuela—— Official	Free
May 1	.0349	.2240	.3266	1.3946	.0166	.1925	.2309	.0800	.0915	.3003	.2206
May 2	.0349	.2240	.3265	1.3947	.0166	.1925	.2309	.0825	.0915	.3003	.2206
May 3	.0349	.2240	.3265	1.3946	.0166	.1925	.2310	.0825	.0915	.3003	.2206
May 4	Saturday										
May 5	Sunday										
May 6	.0349	.2240	.3264	1.3940	.0166	.1926	.2310	.0825	.0915	.3003	.2206
May 7	.0349	.2240	.3264	1.3942	.0166	.1926	.2309	.0825	.0915	.3003	.2206
May 8	.0349	.2240	.3265	1.3945	.0166	.1926	.2309	.0825	.0915	.3003	.2206
May 9	.0349	.2240	.3265	1.3944	.0166	.1926	.2309	.0815	.0850	.3003	.2204
May 10	.0349	.2240	.3265	1.3942	.0166	.1926	.2309	.0825	.0725	.3003	.2204
May 11	Saturday										
May 12	Sunday										
May 13	.0349	.2240	.3265	1.3944	.0166	.1926	.2311	.0825	.0750	.3003	.2206
May 14	.0349	.2240	.3265	1.3946	.0166	.1926	.2313	.0825	.0775	.3003	.2207
May 15	.0349	.2240	.3266	1.3948	.0166	.1926	.2313	.0825	.0750	.3003	.2207
May 16	.0349	.2240	.3265	1.3945	.0166	.1926	.2313	.0825	.0750	.3003	.2207
May 17	.0349	.2240	.3265	1.3944	.0166	.1927	.2313	.0825	.0725	.3003	.2206
May 18	Saturday										
May 19	Sunday										
May 20	.0349	.2240	.3265	1.3944	.0166	.1927	.2315	.0825	.0725	.3003	.2206
May 21	.0349	.2240	.3265	1.3944	.0166	.1927	.2315	.0825	.0725	.3003	.2206
May 22	.0349	.2240	.3265	1.3946	.0166	.1927	.2315	.0825	.0700	.3003	.2206
May 23	.0349	.2240	.3266	1.3947	.0166	.1926	.2315	.0825	.0700	.3003	.2206
May 24	.0349	.2250	.3265	1.3946	.0166	.1927	.2315	.0825	.0700	.3003	.2205
May 25	Saturday										
May 26	Sunday										
May 27	.0349	.2250	.3266	1.3946	.0166	.1927	.2314	.0825	.0700	.3003	.2206
May 28	.0349	.2250	.3266	1.3948	.0166	.1927	.2314	.0825	.0685	.3003	.2206
May 29	.0349	.2250	.3267	1.3951	.0166	.1927	.2315	.0825	.0625	.3003	.2206
May 30	Holiday										
May 31	.0349	.2250	.3266	1.4025	.0166	.1929	.2314	.0825	.0625	.3003	.2204

‡Foreign Exchanges rates certified by the Federal Reserve Bank of the Treasury under tariff act of 1930. These are the noon buying rates in the New York market for cable transfers, payable in the foreign currencies as shown. ¶ Official rate.

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New York Stock Exchange—Bonds

Monthly and Yearly Record

RANGE OF BOND PRICES FOR MAY

Bond Sales—	1963	1962	Bond Sales—	1963	1962
May	$105,190,298	$110,987,380	Jan. 1 to May 31	$466,296,652	$391,740,794

The tables on pages 4 to 29 furnish a complete record of the transactions on the New York Stock Exchange during May and the range for year since January 1. They need no extended introduction, as they are self-explanatory. The tables embrace every security dealt in on the Exchange. We give bonds first, using the classification adopted in the official list. The italic letters in the column headed *"Interest Period"* indicate in each case the month when the bonds mature.

All quotations for interest-paying bonds are at a price to which accrued interest must be added. The exceptions to the rule are income bonds and bonds on which interest is in default. This method of quoting bonds became effective January 2, 1909. Quotations after decimal point represent one or more 32nds of a point.

Sales in May Value $	New York Stock Exchange BONDS U S GOVT BONDS	Interest Period	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY May 1 Opening or Bid	PRICES IN MAY May 1 Opening or Ask	PRICES IN MAY May 31 Closing or Bid	PRICES IN MAY May 31 Closing or Ask	PRICES IN MAY Lowest Sale Prices	PRICES IN MAY Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
	Treasury Bonds—											
----	4¼s May 15 1975-1985	*M*-S	103.28	104.4	102.18	102.26	102.14	102.22	-- ------	-- ------	-- ------	-- ------
----	4¼s Aug 15 1987-1992	F-*A*	104	104.8	102.18	102.26	102.18	102.26	-- ------	-- ------	-- ------	-- ------
----	4⅛s 1989-1994	*M*-N	--	--	100.10	100.12	100.14	100.18	-- ------	-- ------	-- ------	-- ------
----	4s Feb 15 1969	*F*-A	101.30	102.2	101.2	101.6	100.29	101.1	-- ------	-- ------	-- ------	-- ------
----	4s Oct 1 1969	A-*O*	101.26	101.30	101.2	101.6	100.31	101.3	-- ------	-- ------	-- ------	-- ------
----	4s Aug 15 1971	F-*A*	101.16	101.24	100.26	100.30	100.19	100.23	-- ------	-- ------	-- ------	-- ------
----	4s Feb 15 1972	*F*-A	101.1	101.5	100.20	100.24	100.14	100.18	-- ------	-- ------	-- ------	-- ------
----	4s Aug 15 1972	F-*A*	101.9	101.13	100.19	100.23	100.14	100.18	-- ------	-- ------	-- ------	-- ------
----	4s Feb 15 1980	*F*-A	101.2	101.10	99.15	99.19	99.21	99.25	-- ------	-- ------	-- ------	-- ------
----	4s 1988-1993	*F*-A	--	--	99	99.8	99.8	99.16	-- ------	-- ------	-- ------	-- ------
----	3⅞s May 15 1968	*M*-N	101.20	101.24	100.24	100.28	101.16	101.20	-- ------	-- ------	-- ------	-- ------
----	3⅞s Nov 15 1971	M-*N*	101.17	101.25	99.18	99.22	99.14	99.18	-- ------	-- ------	-- ------	-- ------
----	3⅞s Nov 15 1974	M-*N*	101.16	101.24	98.29	99.1	98.27	98.31	-- ------	-- ------	-- ------	-- ------
----	3¾s Aug 15 1968	F-*A*	101.1	101.5	100	100.4	99.24	99.28	-- ------	-- ------	-- ------	-- ------
----	3¾s May 15 1966	*M*-N	100.30	101.2	100.19	100.21	100.14	100.16	-- ------	-- ------	-- ------	-- ------
----	3⅝s Nov 15 1967	M-*N*	100.21	100.25	99.31	100.1	99.24	99.26	-- ------	-- ------	-- ------	-- ------
----	3½s Nov 15 1980	M-*N*	95.8	95.16	93.22	93.30	93.16	93.24	-- ------	-- ------	-- ------	-- ------
----	3½s Feb 15 1990	*F*-A	92.28	93.4	91.12	91.20	91.18	91.26	-- ------	-- ------	-- ------	-- ------
----	3½s Nov 15 1998	M-*N*	91.28	92.4	90.14	90.22	90.18	90.26	-- ------	-- ------	-- ------	-- ------
----	3⅜s Nov 15 1966	M-*N*	99.28	100	99.21	99.23	99.15	99.17	-- ------	-- ------	-- ------	-- ------
----	3¼s Jun 15 1978-1983	*J*-D	91.10	91.18	90.18	90.26	90.10	90.18	-- ------	-- ------	-- ------	-- ------
----	3¼s May 15 1985	*M*-N	91.10	91.18	90.18	90.26	90.8	90.16	-- ------	-- ------	-- ------	-- ------
----	3s Feb 15 1964	*F*-A	99.30	100	100	100.2	99.30	99.31	-- ------	-- ------	-- ------	-- ------
----	3s Aug 15 1966	F-*A*	98.24	98.28	98.28	99	98.18	98.20	-- ------	-- ------	-- ------	-- ------
----	3s Feb 15 1995	*F*-A	88.18	88.26	87.10	87.18	87.10	87.18	-- ------	-- ------	-- ------	-- ------
----	2⅝s Feb 15 1965	*F*-A	98.23	98.27	99.2	99.4	98.31	99.1	-- ------	-- ------	-- ------	-- ------
----	2½s Jun 15 1962-1967	*J*-D	96.11	96.19	96.19	96.23	96.6	96.10	-- ------	-- ------	-- ------	-- ------
----	2½s Aug 15 1963	F-*A*	99.23	99.25	99.29	99.31	99.29	99.31	-- ------	-- ------	-- ------	-- ------
----	2½s Dec 15 1963-1968	*J*-*D*	94.20	94.28	94.19	94.25	94.4	94.10	-- ------	-- ------	-- ------	-- ------
----	2½s Jun 15 1964-1969	*J*-D	93.22	93.30	93.19	93.25	93.8	93.14	-- ------	-- ------	-- ------	-- ------
----	2½s Dec 15 1964-1969	*J*-*D*	93.2	93.10	92.30	93.4	92.18	92.24	-- ------	-- ------	-- ------	-- ------
----	2½s Mar 15 1965-1970	*M*-S	92.24	93	92.18	92.24	92.6	92.12	-- ------	-- ------	-- ------	-- ------
----	2½s Mar 15 1966-1971	*M*-S	91.16	91.24	91.23	91.29	91.12	91.18	-- ------	-- ------	-- ------	-- ------
----	2½s Jun 15 1967-1972	*J*-D	90	90.8	90.4	90.10	89.22	89.28	-- ------	-- ------	-- ------	-- ------
----	2½s Sep 15 1967-1972	M-*S*	89.24	90	89.17	89.23	89.6	89.12	-- ------	-- ------	-- ------	-- ------
----	2½s Dec 15 1967-1972	*J*-*D*	89.26	90.2	89.16	89.22	89.4	89.10	-- ------	-- ------	-- ------	-- ------
	International Bank for Reconstruction & Development—											
----	5s Feb 15 1985	F-*A*	106.8	107.8	107	108	107.8	108	-- ------	-- ------	-- ------	-- ------
----	4¾s Nov 1 1980	M-*N*	104.8	105.8	104.16	105.16	104.8	105.8	-- ------	-- ------	103.16 Mar 6	103.16 Mar 6
----	4½s Dec 1 1973	*J*-*D*	102.16	103.16	102.16	103.16	102.8	103.8	-- ------	-- ------	-- ------	-- ------
----	4½s Jan 1 1977	*J*-*J*	102.16	103.16	102.8	103.8	102.8	103.8	-- ------	-- ------	-- ------	-- ------
----	4½s Feb 1 1982	*F*-A	102.24	103.24	102.16	103.16	102.8	103	-- ------	-- ------	-- ------	-- ------
----	4¼s May 1 1978	*M*-N	100	101	100	101	99.24	100.16	-- ------	-- ------	-- ------	-- ------
----	4¼s Jan 15 1979	*J*-*J*	100	101	100	101	99.24	100.16	-- ------	-- ------	-- ------	-- ------
----	4s Sep 15 1963	M-*S*	100.16	100.28	100.8	100.20	100.4	100.16	-- ------	-- ------	-- ------	-- ------
----	3¾s Oct 1 1964	A-*O*	100.8	100.24	100.8	100.20	100.4	100.16	-- ------	-- ------	-- ------	-- ------
----	3¾s May 15 1968	*M*-N	99	99.24	99	99.24	99.8	99.24	-- ------	-- ------	-- ------	-- ------
----	3½s Jan 1 1969	*J*-*J*	97	98	97	98	97.8	98	-- ------	-- ------	-- ------	-- ------
----	3½s Oct 15 1971	A-*O*	95.24	96.24	96.16	97.16	96	97	-- ------	-- ------	-- ------	-- ------
----	3⅜s May 15 1975	*M*-N	93	95	92	94	93.16	94.16	-- ------	-- ------	-- ------	-- ------
----	3¼s Oct 1 1981	A-*O*	88.16	89.16	89	90	89	89.24	-- ------	-- ------	-- ------	-- ------
----	3s July 15 1972	*J*-*J*	91.8	92.8	92	93	92	92.24	-- ------	-- ------	-- ------	-- ------
----	3s Mar 1 1976	*M*-S	89	90	90	91	90	91	-- ------	-- ------	-- ------	-- ------
	Inter-American Development Bank—											
33,000	4¼s Dec 15 1982	*J*-*D*	100	100⅛	100¼	101	100¼	101	100⅜ May 20	100⅞ May 8	100 Feb 19	101 Apr 11
	NEW YORK CITY											
	Transit Unification—											
139,000	3% corporate stock 1980	*J*-D	97⅞	Sale	99 5/16	Sale	99¼	Sale	98¾ May 27	99½ May 10	97⅞ Jan 2	99⅞ Mar 25
	FOREIGN GOVERNMENT & FOREIGN CORPORATE ISSUES—											
----	Akershus (Norway) 4s 1968	*M*-S	91	--	92	--	92	--	-- ------	-- ------	91½ Feb 19	91½ Feb 19
76,000	Amsterdam (City of) 5¼s 1973	*M*-S	103½	105⅛	102¾	103⅝	104⅛	Sale	103¼ May 2	104¼ May 20	102½ Apr 25	105½ Jan 11
----	*△Antioquia (Col) 7s A 1945	*J*-*J*	96⅛	--	96⅛	--	96⅛	--	-- ------	-- ------	-- ------	-- ------
----	*△External s f 7s ser B 1945	*J*-*J*	96⅛	--	96⅛	--	96⅛	--	-- ------	-- ------	-- ------	-- ------
----	*△External s f 7s ser C 1945	*J*-*J*	96⅛	--	96⅛	--	96⅛	--	-- ------	-- ------	-- ------	-- ------
----	*△External s f 7s ser D 1945	A-*O*	96⅛	--	96⅛	125	96⅛	--	-- ------	-- ------	-- ------	-- ------
----	△7s 1st series 1957	A-*O*	96⅛	--	96⅛	--	96⅛	--	-- ------	-- ------	-- ------	-- ------
----	△7s 2nd series 1957	A-*O*	96⅛	--	96⅛	--	96⅛	--	-- ------	-- ------	-- ------	-- ------
----	△7s 3rd series 1957	A-*O*	96⅛	--	96⅛	--	96⅛	--	-- ------	-- ------	-- ------	-- ------
8,000	3s s f $ bonds 1978	*J*-*J*	58	Sale	59½	60⅞	61⅛	62	59½ May 8	61⅛ May 23	57⅝ Jan 24	62 Apr 3
	Australia (Commonwealth of)											
235,000	20-year 3½s 1967	*J*-*D*	98	98½	98	98½	98¼	Sale	98 May 3	98¾ May 13	96¾ Feb 14	98¾ May 13
51,000	20-year 3½s 1966	*J*-*D*	97	98½	98¾	Sale	99	Sale	98¼ May 7	99 May 31	97 Feb 5	99 May 31
15,000	15-year 3¾s 1969	*J*-*D*	97	Sale	97	98⅛	98	98½	97½ May 7	98¼ May 8	97 Jan 2	98¾ Jan 31
256,000	15-year 4½s 1971	*J*-D	99¼	100¼	99¼	100	100¾	Sale	100 May 6	101⅛ May 14	98¾ Mar 29	101⅛ May 14
105,000	15-year 4¾s 1973	*M*-N	99⅞	Sale	100	100½	100¾	Sale	100 May 3	101½ May 13	99⅛ Jan 3	101½ May 13
106,000	15-year 5s 1972	*M*-S	101¾	102½	103	Sale	103	Sale	102⅜ May 3	103 May 1	101⅝ Feb 13	103⅞ Mar 1
142,000	20-year 5s 1978	M-*N*	100⅛	101	100¼	101	101¼	Sale	100⅝ May 2	101¼ May 13	100 Mar 27	102½ Feb 18
138,000	20-year 5½s 1979	M-*S*	103¼	Sale	104	Sale	104¾	Sale	103¼ May 7	104¾ May 31	102¾ Feb 15	105 Feb 1
121,000	20-year 5¼s Apr 1980	*A*-O	100½	Sale	102	Sale	103	Sale	101⅝ May 10	103¼ May 28	100½ Jan 2	103¼ May 28
91,000	20-year 5¼s Oct 1980	A-*O*	100¾	101½	102	102½	102¾	103¼	101⅝ May 8	103¼ May 21	100¾ Feb 20	103¼ May 21
146,000	20-year 5½s 1981	*J*-*J*	102	Sale	103¾	104¾	104½	Sale	103½ May 10	104¾ May 21	102 Jan 2	105 Apr 24
32,000	20-year 5½s old Jan 1982	*J*-*J*	102½	103¼	103¾	104¾	104¼	105	103¾ May 9	105 May 17	102¼ Jan 15	105 May 17
179,000	20-year 5½s new July 1982	*J*-*J*	101¾	102½	103⅝	104⅛	104⅜	Sale	103¼ May 3	104½ May 10	102 Feb 11	104¾ Apr 18
304,000	20-year 5½s Oct 1982	A-*O*	102⅜	Sale	104	Sale	104½	Sale	103½ May 7	104½ May 21	102 Mar 27	104¾ Apr 16
764,000	20-year 5s 1983	*A*-O	--	--	--	--	100	Sale	98½ May 3	100 May 21	98½ May 3	100 May 21
	Austria (Rep)—											
52,000	5½s external s f $ 1973	*J*-*D*	104	Sale	104	104½	103¾	104½	103½ May 13	104¼ May 9	103⅛ Jan 30	104½ Jan 7
	Austrian Government—											
----	4½s assented due 1980	*J*-*J*	--	88	--	89½	--	89½	104¼ May 27	104¼ May 27	87½ Jan 3	89½ Feb 4
	*△Bavaria (Free State)—											
----	External 6½s 1945	F-*A*	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
80,000	4⅞s debt adj series 8 1965	F-*A*	100½	--	101⅜	--	101⅛	--	-- ------	-- ------	100¾ Feb 15	101⅜ Mar 7
	Belgian Congo—											
24,000	5¼s external loan 1973	*A*-O	37	Sale	40	Sale	42	Sale	40 May 1	42 May 3	36 Jan 2	45¾ Jan 15
120,000	Belgium (King of) extl 4s 1964	*J*-*D*	100¼	101	100	101	100⅛	--	100 May 8	100½ May 17	100 Apr 18	101 Feb 7
65,000	5½s external loan 1972	M-*S*	103¾	106½	103¾	Sale	104⅛	104¼	103⅜ May 10	104½ May 14	103¼ Apr 9	105¾ Jan 25
59,000	5½s extl loan s f 1976	*J*-*D*	103½	104	102¼	--	103⅜	104¼	102¼ May 9	104¼ May 27	102⅛ Apr 10	105 Feb 1
----	5¼s extl loan s f 1977	*A*-O	101⅞	Sale	101¼	101¾	102½	Sale	101½ May 6	102½ May 31	100¼ Feb 7	102⅞ Mar 1
----	△Berlin (City of) 6s 1958	*J*-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	*△6½s external loan 1950	*A*-O	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
2,000	4⅞s debt adj ser A 1970	*A*-O	91	--	100⅛	103	100⅛	103	-- ------	-- ------	94¾ Jan 8	102½ Mar 12
----	4½s debt adj ser B 1978	*A*-O	--	--	99½	Sale	97⅞	--	97⅞ May 2	99½ May 1	96 Jan 29	101 Apr 30

For footnotes, see page 95.

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Sales in May Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY — May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
----	*△Berlin City Elec 6s 1955	A-O	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	*△6½s s f debentures 1951	J-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	△6½s s f debentures 1959	F-A	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Berlin Power & Light Co—											
	Debt adjustment											
4,000	4⅞s deb series A 1978	J-J	--	--	80½	--	80	--	80 May 14	80½ May 9	77⅝ Feb 6	80½ Mar 29
1,000	4½s deb series B 1978	J-J	--	--	75⅜	--	75⅜	--	75⅜ May 6	75⅜ May 6	75¾ May 6	78 Mar 4
----	*△Brazil (U S of) extl 8s 1941	J-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 3.5%) 1978	J-D	83	87	83	--	85	--	-- ------	-- ------	83 Jan 4	83¼ Jan 29
----	△Extl s f 6½s 1926 1957	A-O	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
64,0000	Stamped pursuant to Plan A (interest reduced to 3.375%) 1979	A-O	78	80	82	84¾	84	--	83 May 3	85 May 9	78 Jan 3	85 May 9
----	△Extl s f 6½s 1927 1957	A-O	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
52,000	Stamped pursuant to Plan A (interest reduced to 3.375%) 1979	A-O	78	79⅞	82	Sale	85	Sale	82 May 1	85 May 9	78 Jan 3	85 May 9
----	△Cent Ry 30-yr 7s 1952	J-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
30,000	Stamped pursuant to Plan A (interest reduced to 3.5%) 1978	J-D	83	92	83	--	85	--	88 May 21	88 May 21	83 Jan 28	88 May 21
	5% funding 1931 due 1951											
24,000	Stamped pursuant to Plan A (interest reduced to 3.375%) 1979	A-O	78	80	82	--	84	--	84¾ May 9	85 May 9	78 Jan 4	85 May 9
13,000	Caldas (Dept of) 3s 1978	J-J	56¾	60	59¾	Sale	60¼	65	59¾ May 1	60⅛ May 21	56⅞ Jan 9	61¼ Apr 11
57,000	Canada (Dom) 2¾s 1974	M-S	86⅜	87½	86¼	86⅞	85½	86¼	85½ May 27	86½ May 17	85½ May 27	88⅛ Jan 30
26,000	25-year 2¾s 1975	M-S	86⅜	--	84¾	85⅝	85¼	Sale	84¼ May 21	85⅝ May 15	84¼ May 21	87¼ Jan 25
	Cauca Valley (Dept of)—											
----	3s s f $ bonds 1978	J-J	--	--	59½	61	61⅛	--	-- ------	-- ------	56⅞ Jan 3	62 Apr 3
----	*△Chile (Rep) ext s f 7s 1942	M-N	90	--	91½	--	93½	--	-- ------	-- ------	-- ------	-- ------
----	*△7s assented 1942	Feb	41	--	42	--	43½	--	-- ------	-- ------	-- ------	-- ------
----	△Extl s f gold 6s 1960	A-O	90	--	91½	--	93½	--	-- ------	-- ------	92 Jan 15	92 Jan 15
----	△6s assented 1960	A-O	41	--	42	--	43½	--	-- ------	-- ------	-- ------	-- ------
----	△Extl s f gold 6s Feb 1961	F-A	90	--	91½	--	93½	--	-- ------	-- ------	92 Jan 8	92 Jan 8
----	△6s assented Feb 1961	F-A	41	--	42	--	43½	--	-- ------	-- ------	-- ------	-- ------
----	△Ry ref extl s f 6s Jan 1961	J-J	90	--	91½	--	93½	--	-- ------	-- ------	-- ------	-- ------
----	△6s assented Jan 1961	J-J	41	--	42	--	43½	--	-- ------	-- ------	-- ------	-- ------
----	△Extl s f 6s Sep 1961	M-S	90	--	91½	--	93½	--	-- ------	-- ------	93 Mar 1	93 Mar 1
----	△6s assented Sep 1961	M-S	41	--	42	--	43½	--	-- ------	------	-- ------	-- ------
----	△Extl s f 6s 1962	M-S	90	--	91½	--	93½	--	-- ------	-- ------	-- ------	-- ------
----	△6s assented 1962	M-S	41	--	42	--	43½	--	-- ------	-- ------	-- ------	-- ------
----	△Extl s f 6s 1963	M-N	90	--	91½	--	93½	--	-- ------	-- ------	-- ------	-- ------
1,000	△6s assented 1963	M-N	41	--	42	--	43½	--	46 May 16	46 May 16	46 May 16	46 May 16
220,000	Extl s f $ bonds 3s 1993	J-D	40⅝	Sale	44⅜	Sale	45¾	Sale	44⅜ May 1	46 May 8	40⅛ Jan 22	46 May 8
----	△Chile (Mtge Bank) 6½s 1957	J-D	90	--	91½	--	93½	--	-- ------	-- ------	-- ------	-- ------
----	△6½s assented 1957	J-D	41	--	42	--	43½	--	-- ------	-- ------	-- ------	-- ------
----	△6¾s assented 1961	J-D	41	--	42	--	43½	--	-- ------	-- ------	-- ------	-- ------
----	△Guar sinking fund 6s 1961	J-D	90	--	91½	--	93½	--	-- ------	-- ------	-- ------	-- ------
1,000	△6s assented 1961	A-O	41	--	42	--	43½	--	46 May 20	46 May 20	46 May 20	46 May 20
----	△Guar sinking fund 6s 1962	M-N	90	--	91½	--	93½	--	-- ------	-- ------	-- ------	-- ------
----	△6s assented 1962	M-N	41	--	42	--	43½	--	-- ------	-- ------	-- ------	-- ------
----	△Chilean Munic Loan 7s 1960	M-S	90	--	91½	--	93½	--	-- ------	-- ------	92¼ Jan 31	92¼ Jan 31
----	△7s assented 1960	M-S	41	--	42	--	43½	--	-- ------	-- ------	-- ------	-- ------
----	△Chinese Hukuang Ry 5s 1951	J-D	2½	5¼	2½	4⅞	2½	4½	-- ------	-- ------	2½ Apr 18	2¾ Apr 17
----	*△Cologne (City of) 6½s 1950	M-S	94½	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
2,000	4⅞s debt adjustment 1970	M-S	--	--	95⅞	--	95	--	95 May 27	95⅛ May 27	95 May 27	95⅛ Feb 8
	△Colombia (Rep of)—											
1,000	△6s of 1928 Oct 1961	A-O	--	--	--	--	--	--	172 May 27	172 May 27	172 May 27	172 May 27
----	△6s of 1927 Jan 1961	J-J	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
129,000	3s extl s f $ bonds 1970	A-O	79⅝	Sale	81	82	84¼	85¾	81½ May 2	86 May 24	79⅜ Jan 7	86 May 24
----	Colombia Mtge Bank 7s 1946	M-N	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
122,000	Copenhagen Telep 5⅝s 1977	J-D	102⅝	Sale	102¼	Sale	102	Sale	102 May 13	102¾ May 29	101⅛ Mar 28	103¾ Jan 28
147,000	5⅜s s f $ debs 1978	A-O	--	--	--	--	99⅜	Sale	98⅝ May 17	99¾ May 31	98⅝ May 17	99¾ May 31
	Costa Rica (Rep of)—											
89,000	3s ref dollar bonds 1972	A-O	63	69	67½	70½	69	70½	70⅜ May 27	70½ May 27	63¼ Jan 30	70½ May 27
	Credit Froncier De France—											
151,000	5½s gtd extl loan 1979	J-D	106	Sale	106⅜	Sale	106⅞	Sale	106 May 2	107¼ May 15	104¼ Feb 7	107¼ May 15
202,000	Cuba (Rep of) 4½s extl 1977	J-D	28	28½	25	Sale	22	Sale	20 May 9	25 May 1	20 May 9	28½ Jan 4
38,000	Cundinamarca 3s 1978	J-J	56¾	58½	59½	60⅞	61⅛	61½	60½ May 6	61½ May 28	57 Feb 4	61½ Apr 2
	Czechoslovakia (State)—											
	△Stamped assented (interest reduced to 6%) ext to '60	A-O	--	32	19	24¾	19	20	-- ------	-- ------	20 Mar 27	20 Mar 27
	Denmark (Kingdom of)—											
189,000	5½s extl loan 1974	F-A	102	103	102¼	102⅞	113	Sale	102¼ May 2	103¼ May 21	101½ Feb 12	103¾ Feb 5
111,000	5¼s external loan 1977	M-N	100½	Sale	99⅜	Sale	99½	99¾	98⅞ May 7	100 May 10	98⅞ Apr 15	101¼ Jan 16
401,000	5¼s extl loan 1978	M-S	--	--	98⅞	Sale	99⅝	Sale	98½ May 1	99⅞ May 10	98½ May 1	99⅞ May 10
	El Salvador (Republic of)—											
3,000	3½s extl s f $ bds Jan 1 1976	J-J	86	92	88	Sale	88	92	88 May 1	88 May 1	86 Jan 18	92¾ Mar 28
1,000	3s extl s f $ bds Jan 1 1976	J-J	86	89	88	93	88	93	88 May 3	88 May 3	86 Jan 3	88 Apr 16
	Energy Supply Schwaben—											
1,000	5¼s debt adjustment 1973	J-J	--	--	95	--	95	--	95⅛ May 27	95⅛ May 27	95⅛ May 27	95⅛ May 27
----	△Estonia (Republic) 7s 1967	J-J	4¼	5	4	--	4	--	-- ------	-- ------	4¼ Apr 3	5 Jan 21
	European Coal & Steel Community—											
108,000	5½s secured (7th ser) 1975	A-O	103½	107	103¼	103⅞	104½	Sale	103¼ May 13	104⅝ May 20	102¾ Apr 23	106 Jan 16
90,000	5s sec (11th series) 1978	J-J	101¼	102	100	101	101	101½	100 May 2	101⅞ May 21	99½ Apr 22	102½ Jan 11
123,000	5⅜s (13th series) 1980	A-O	104	Sale	102½	Sale	102¾	Sale	102¼ May 17	102¾ May 2	101¼ Apr 16	104 Jan 2
37,000	5¼s s f debentures 1982	A-O	102¾	103	101⅞	102⅝	102¼	103	102⅜ May 9	102¾ May 16	101⅛ Feb 18	104⅜ Jan 15
193,000	Finland (Republic of) 6s 1973	M-S	--	--	98¼	Sale	98½	Sale	97¾ May 14	98½ May 31	97¾ May 14	98½ Apr 23
----	*△Frankfort on Main 6½s '53	M-N	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	Extl Loan 4⅞s May 1 1973	M-N	94½	--	95⅞	--	95	--	-- ------	-- ------	95⅞ Mar 15	95⅞ Mar 15
	German (Federal Rep of)—											
	External loan of 1924—											
12,000	5½s dollar bonds 1969	A-O	104¼	--	106½	107	105	112	106⅛ May 8	106½ May 6	104¼ Jan 4	107¾ Apr 24
25,000	3s dollar bonds 1972	A-O	92	--	92¾	94	93	--	93 May 13	94 May 29	92 Jan 7	94 May 29
	Prussian conv 1953 issue											
3,000	4s dollar bonds 1972	A-O	100½	--	102½	--	102	Sale	102 May 23	102½ May 3	101⅜ Jan 10	102¾ Mar 18
	International loan of 1930—											
17,000	5s dollar bonds 1980	J-D	107⅜	108⅜	110⅜	Sale	109	110¼	109 May 22	110⅜ May 1	107⅜ Jan 7	110¾ Apr 16
122,000	3s dollar bonds 1972	J-D	94¾	95	95½	--	96	--	95½ May 13	97 May 6	94¾ Jan 9	97 May 6
	Greek Government—											
251,000	△7s part paid 1964	M-N	30¾	Sale	34	34¾	39	Sale	34¼ May 3	39 May 31	30 Jan 18	39 May 31
557,000	△6s part paid 1968	F-A	29½	Sale	31⅛	31½	34¼	Sale	31½ May 8	34¼ May 31	26⅞ Jan 30	34¼ May 31
----	*△Hamburg (State of) 6s 1946	A-O	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	Conv & funding 4½s 1966	A-O	101	--	101⅜	--	101⅜	--	-- ------	-- ------	101⅛ Jan 18	101⅛ Jan 18
----	*△Harpen Mining Corp 6s '49	J-J	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
6,000	4½s debt adjustment 1970	J-J	--	--	95	--	95⅛	Sale	95⅛ May 31	95⅛ May 31	95⅛ Feb 21	95⅛ Feb 21
----	Heidelberg (City) 7½s 1950	J-J	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	International Tel & Tel—											
59,000	Sub America 7½s debs 1977	F-A	98	Sale	104	Sale	104¾	Sale	104 May 1	105¼ May 22	98 Jan 2	106 Feb 26
90,000	Italian (Rep) 3s 1977	J-J	82½	Sale	85¼	Sale	83¼	84¼	83 May 13	85⅛ May 1	81¾ Feb 11	85¾ Apr 29
	Italian Credit Consortium for Public Works—											
72,000	30-year extl s f 3s 1977	J-J	82½	Sale	81½	82	84	Sale	81½ May 2	84 May 29	81 Mar 18	84 May 29
----	*△7s series B 1947	M-S	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Italian Pub Util Credit Inst—											
67,000	30-year gtd extl s f 3s 1977	J-J	82¾	Sale	81½	82⅞	83¼	84	82⅛ May 3	84 May 29	81 Mar 20	84 May 29
----	*△7s series B 1952	J-J	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	§△Italy (Kingdom of) 7s 1951	J-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------

For footnotes, see page 95.

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Sales in May Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY — May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
	Jamaica (Government of)—											
33,000	5¾s external loan 1974	M-S	91	92⅞	93½	94	93½	94¼	93½ May 16	94¼ May 9	92⅜ Feb 15	94½ Apr 23
174,000	Japan 5½s extl loan 1974	J-J	97¼	Sale	99¾	Sale	99⅛	Sale	98½ May 13	99¾ May 1	97⅛ Jan 14	101 Mar 20
225,000	5½s extl loan 1980	M-N	--	--	--	--	98¼	Sale	97⅝ May 22	98¼ May 29	97⅝ May 22	98¼ May 29
333,000	Japan Develop Bank 6s 1976	M-S	98⅛	98½	100¾	Sale	--	--	100¾ May 1	102⅝ May 21	98 Jan 23	102⅝ May 21
353,000	6s gtd external loan 1977	M-N	97¾	Sale	100⅝	100⅞	112⅝	Sale	100⅝ May 7	102⅝ May 31	97¼ Jan 7	1 02⅝ May 31
60,000	6s gtd external loan 1978	F-A	—	—	100⅝	Sale	102½	Sale	100⅝ May 1	102½ May 20	100 Mar 5	102½ May 20
	Japanese (Imperial Govt)—											
----	△6½s extl loan of '24 1954	F-A	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
16,000	6½s due 1954 ext to 1964	F-A	101⅝	Sale	102⅛	Sale	102⅛	102¼	102⅛ May 1	102½ May 13	101⅝ Jan 2	103 Jan 23
----	△5½s extl loan of '30 1965	M-N	--	--	--	--	--	--	-- ------	-- ------	217½ Apr 5	217½ Apr 5
45,000	5½s due 1965 ext to 1975	M-N	99¾	Sale	101⅝	--	101	Sale	101 May 31	102⅛ May 24	98½ Jan 16	102⅝ May 31
5,000	•§△Jugoslavia 7s 1957	A-O	24⅝	26	26	28	26½	--	28 May 13	28 May 13	24⅝ Jan 29	28 May 13
	KLM Royal Dutch Airlines—											
248,000	4¾s conv subord debs 1979	M-S	84	Sale	84¾	Sale	86½	Sale	84¾ May 1	87½ May 17	82¾ Jan 4	89 Mar 20
	‡Kreuger & Toll class A—											
68,000	△5s uniform ctfs of dep 1959	M-S	¾	1⅛	1	1⅜	1¼	1⅝	1 May 13	1⅝ May 22	¾ Jan 24	1⅝ May 22
----	△Medellin (Colombia) 6½s '54	J-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
62,000	3s s f $ bonds 1978	J-J	57½	59	59½	60⅞	61⅛	64	60½ May 6	60⅞ May 17	57½ Feb 19	61½ Apr 11
----	•△Milan (City of) 6½s 1952	A-O	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Minas Geraes (Brazil)—											
----	△Sec extl s f 6½s 1958	M-S	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 2.125%) 2008	M-S	52¼	--	54	56	54	--	54 May 21	54 May 21	51½ Mar 18	54 Mar 28
----	△Sec extl s f 6½s 1959	M-S	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 2.125%) 2008	M-S	42	48	51	--	--	52	52 May 21	54 May 22	46½ Feb 19	54 May 22
55,000	New Zealand (Govt) 5½s 1970	J-D	102	103	104⅛	105⅛	115	Sale	104 May 27	105 May 31	102½ Jan 21	105 May 31
74,000	15-year 5¾s 1976	A-O	103	104	104	104¾	104½	105⅛	104 May 7	105½ May 21	102¾ Feb 5	105½ May 21
321,000	15-year 5¼s 1977	M-N	98	Sale	100⅜	Sale	100¾	Sale	100¼ May 1	101 May 2	98 Jan 2	101 May 2
	Nippon Tel & Tel Public—											
77,000	6s gtd dollar bonds 1976	A-O	95	98½	100¾	101⅝	102½	--	101¼ May 10	101⅞ May 20	98 Jan 18	102¼ Mar 19
168,000	6s gtd dollar bonds 1977	M-S	98½	Sale	101⅜	Sale	102⅝	Sale	100¾ May 1	102⅝ May 21	97¾ Jan 24	102⅝ May 21
	Norway (Kingdom of)—											
18,000	4¼s s f extl old 1965	A-O	100	100¾	101⅛	--	100½	--	101⅛ May 3	101¼ May 15	100 Jan 11	101¼ May 15
5,000	4¼s s f extl new 1965	A-O	100¼	101	100½	Sale	100½	Sale	100 May 1	100½ May 1	100 Mar 22	101 Jan 4
101,000	5¼s s f extl loan 1973	A-O	101⅝	102½	101	Sale	101⅛	Sale	100½ May 3	102⅜ May 20	99 Apr 5	103½ Jan 9
94,000	5½s external loan 1976	M-N	102	103	102¼	Sale	101¾	102¼	101¾ May 3	102¼ May 1	101 Apr 29	103 Jan 3
62,000	5½s external loan 1977	F-A	102½	--	101⅜	Sale	101½	102	101⅜ May 1	102 May 9	101 Apr 11	103½ Jan 4
534,000	5¼s extl loan 1978	M-N	--	--	--	--	98⅞	Sale	98⅛ May 8	98⅞ May 31	98⅛ May 8	98⅞ May 31
----	Municipal bank extl 5s 1970	J-D	97½	100	99¾	--	99¾	--	-- ------	-- ------	98¾ Feb 13	100 Feb 14
----	•△Nuremberg (City of) 6s '52	F-A	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Oriental Development Co Ltd—											
----	△5½s extl loan (30-yr) 1958	M-S	168	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
3,000	5½s due 1958 ext to 1968	M-N	98½	--	99⅜	100½	99½	--	99½ May 20	100 May 27	98 Jan 7	100½ Apr 17
37,000	Oslo (City of) 5½s extl 1973	J-D	102⅝	103½	102	103	102	Sale	101 May 15	102¼ May 20	100½ Apr 11	104 Jan 15
37,000	5¾s s f extl loan 1975	J-D	104	104½	105	Sale	103	103½	103 May 29	105 May 1	103 Apr 24	106 Feb 5
322,000	5½s s f external loan 1977	A-O	101	101½	101	101¼	101⅛	101¼	101 May 13	102 May 17	100½ Apr 10	103 Jan 17
----	•△Pernambuco (State) 7s 1947	M-S	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 2.125%) 2008	M-S	--	--	52½	55	52½	55	-- ------	-- ------	49 Feb 4	55 Apr 18
----	△Peru (Rep) sec s f 7s 1959	M-S	86	--	91½	--	91½	--	-- ------	-- ------	-- ------	-- ------
1,000	△Nat'l loan ext s f 6s 1960	J-D	86	--	91½	--	91½	--	91½ May 6	91½ May 6	86¼ Jan 18	91½ Mar 20
----	△Nat'l loan ext s f 6s 1961	A-O	86	--	--	--	91½	--	-- ------	-- ------	-- ------	-- ------
11,000	•△Poland (Rep) gold 6s 1940	A-O	7¼	--	7¼	--	7¾	--	7⅛ May 3	7⅝ May 3	7 Mar 8	8 Jan 18
----	△4½s assented 1958	A-O	7	8½	7	7⅝	7	8	-- ------	-- ------	7 Jan 28	7 Jan 28
28,000	•△Stabilization loan 7s 1947	A-O	8	--	8⅝	--	8⅝	--	7¼ May 3	7¼ May 3	7 Apr 15	8⅝ Jan 18
16,000	△4½s assented 1968	A-O	7	Sale	7¼	7⅝	7	Sale	7 May 31	7⅛ May 28	7 Jan 2	7¾ Jan 17
67,000	•△External s f 8s 1950	J-J	8¼	15¾	7½	Sale	8¼	--	7 May 6	8½ May 24	7 Apr 8	8½ May 24
----	△4½ assented 1963	J-J	7	7¼	7¼	7⅝	7	7½	-- ------	-- ------	7½ Feb 15	7¾ Jan 21
	Porto Alegre (City of)—											
	8s 1961 stamped pursuant to Plan A (interest reduced to 2.375%) 2001	J-D	58⅛	69	60¼	69	60¼	69	-- ------	-- ------	60 Mar 8	60¼ Apr 3
	7½s 1966 stamped pursuant to Plan A (interest red to 2.25%) 2006	J-J	57	Sale	50	--	50½	--	50 May 16	50 May 16	49 Feb 28	57 Jan 2
	Rhine-Westphalia Elec Pwr—											
----	Direct mortgage 7s 1950	M-S	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Rhodesia & Nyasaland—											
28,000	5¾s exterinal loan 1973	M-N	76½	78	73½	75	74	76	73 May 3	74 May 23	73 May 3	79½ Mar 8
----	•△Rio de Janeiro (City) 8s '46	A-O	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 2.375%) 2001	A-O	70	75	70½	--	73	Sale	73 May 29	73 May 29	70 Jan 8	73 May 29
----	•△External sec 6½s 1953	F-A	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 2%) 2012	F-A	54½	60	53	58	56	57	56⅛ May 20	57 May 10	54½ Jan 8	59 Apr 26
	Rio Grande du Sul (State of)											
----	•△8s extl loan of 1921 1946	A-O	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 2.5%) 1999	A-O	60	64⅞	63	69⅜	63⅛	--	63⅛ May 3	63⅛ May 3	63 Feb 7	68 Apr 2
----	△6s extl s f gold 1968	J-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 2%) 2012	J-D	62	65¾	63	68½	64½	--	63 May 10	65½ May 22	62¼ Jan 11	68½ Mar 12
----	△7s extl loan of 1926 1966	M-N	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 2.25%) 2004	M-N	55	--	59	--	62	72	63 May 6	70 May 8	58 Mar 18	70 May 8
	7s 1967 stamped pursuant to Plan A (interest reduced to 2.25%) 2004	J-D	58	60	57½	--	58	--	-- ------	-- ------	60 Jan 18	61 Jan 21
----	•△Rome (City of) 6½s 1952	A-O	—	—	--	--	--	--	-- ------	-- ------	173 Feb 28	173 Feb 28
	Sao Paulo (City)—											
----	•△8s extl secured s f 1952	M-N	—	—	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 2.375%) 2001	M-N	74	--	79	--	86	--	-- ------	-- ------	77½ Feb 6	77½ Feb 6
----	△6½s extl secured s f 1957	M-N	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 2%) 2012	M-N	97	--	97½	--	97½	--	98 May 23	98 May 23	98 Feb 5	98 Feb 5
	Serbs Croats & Slovenes—											
3,000	△8s secured external 1962	M-N	24⅝	25¼	26	--	26½	--	26⅞ May 24	27½ May 13	25 Jan 22	27½ May 13
7,000	△7s series B sec extl 1962	M-N	25	26	26	27½	26½	--	27¼ May 15	27¼ May 15	24⅝ Feb 14	27¼ May 15
4,000	△Silesia (Prov) ext s f 7s '58	J-D	7⅝	--	7⅝	--	7½	--	7⅞ May 15	7⅞ May 15	7⅞ May 15	7⅞ May 15
12,000	△4½s assented 1958	J-D	7½	8½	6¾	8¼	6⅞	8¼	7 May 6	7⅝ May 7	6⅞ Feb 4	7⅝ May 7
	South Africa (Union of)—											
23,000	4¼s external loan 1965	J-D	98⅛	100¼	99⅜	99⅝	99	Sale	99 May 22	99⅝ May 9	98⅛ Jan 10	100 Mar 19
113,000	5½s extl loan Jan 1 1968	J-D	98⅝	Sale	99¾	Sale	99½	Sale	99 May 10	99¾ May 1	98⅝ Jan 2	100 Jan 17
28,000	5½s extl loan Dec 1 1968	J-J	98	99	99⅜	99¾	99¾	Sale	99⅜ May 10	99¾ May 22	98¾ Jan 11	100¼ Feb 25
	South European Pipeline—											
249,000	5½s s f debs 1982	M-S	103½	Sale	104	Sale	104½	--	104 May 1	104¾ May 17	102⅝ Apr 16	104¾ May 17
	So Italy Development Fund											
276,000	Gtd exter loan 5½s 1974	M-N	101¾	--	102½	Sale	102⅜	Sale	101½ May 10	103 May 14	101 Mar 6	103⅜ Mar 5

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Sales in May Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY — May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
	Taiwan Elec Power Co Ltd—											
----	△5½s (40-yr) s f 1971	J-J	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	5½s due 1971 ext to 1981	J-J	100	Sale	99	--	98¼	--	-- ------	-- ------	99 Apr 23	100 Jan 2
	Tokyo (City of)—											
----	△5½s extl loan of '27 1961	A-O	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
5,000	5½s due 1961 ext to 1971	A-O	100	Sale	100	--	100	--	100 May 2	100 May 2	99 Mar 18	101⅛ Apr 8
	Tokyo Elec Light Co Ltd—											
----	*△6s 1st mtge $ series 1953	J-D	--	--	--	--	--	--	-- ------	-- ------	229 Mar 6	229 Mar 6
10,000	6s 1953 extended to 1963	J-D	100⅝	Sale	100	100¼	100⅛	100¼	100 May 6	100¼ May 6	100 Apr 24	100⅝ Jan 2
	Uruguay (Republic)—											
	3¾-4-4⅛% ($ bonds '37)											
15,000	Extl readjustment 1979	M-N	83⅞	Sale	86	Sale	86¾	89⅜	86 May 1	87 May 21	83⅞ Jan 2	91½ Mar 20
----	Extl conversion 1979	M-N	84	85	--	92⅞	--	92⅞	-- ------	-- ------	86 Mar 4	94 Apr 9
23,000	3⅞-4⅛-4⅛% ext conv 1978	J-D	--	97⅞	93½	96½	--	99	96½ May 7	98 May 8	92 Mar 1	98 May 8
2,000	4-4¼-4½s extl readjust 1978	F-A	96	Sale	92	95½	92	95½	92 May 10	92¼ May 17	91 Feb 11	97 Jan 4
15,000	3½s extl readjustment 1984	J-J	--	93½	87	90	87	93¼	89½ May 6	89½ May 6	85 Mar 21	89½ May 6
	Valle Del Cauca—											
	See Cauca Valley (Dept of)											
1,000	*§△Warsaw (City) extl 7s 1958	F-A	7¼	--	7⅜	--	7⅜	--	7⅜ May 3	7⅜ May 3	7⅜ May 3	7½ Jan 9
29,000	*§△4½s assented 1958	F-A	6½	8	6¾	7⅝	6⅞	7¼	6⅞ May 13	7⅛ May 7	6½ Jan 15	7¾ Apr 18
	Westphalia United Elec Power											
----	1st mtge 6s ser A 1953	J-J	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	△Yokohama 6s of '26 1961	J-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	6s due 1961 ext to 1971	J-D	100⅛	--	100⅜	--	100½	--	-- ------	-- ------	100 Jan 4	100½ Apr 24
	RAILROAD AND INDUSTRIAL COMPANIES											
	Air Reduction Co Inc—											
1,196,000	3⅞s conv subord debs 1987	F-A	107	Sale	108	Sale	106	Sale	105¾ May 31	109 May 2	104½ Feb 28	110⅞ Jan 15
----	Alabama Gt Southn 3¼s 1967	M-N	92⅛	95½	92½	--	93	--	-- ------	-- ------	92½ Apr 17	92½ Apr 17
110,000	Alabama Pwr 1st M 3½s 1972	J-J	94½	95¾	92	--	94¼	Sale	93⅝ May 31	95⅜ May 7	92 Apr 5	95½ Jan 3
----	1st mortgage 3⅛s 1984	M-S	--	--	--	--	--	--	-- ------	-- ------	81½ Mar 20	81½ Mar 20
----	Albany & Susq RR 4½s 1975	J-J	96¼	--	96¼	--	96¼	--	-- ------	-- ------	96⅜ Mar 22	96⅜ Mar 22
	Aldens Inc—											
822,000	5s conv subord debs 1980	A-O	131⅞	Sale	133⅛	Sale	129½	Sale	128 May 29	140½ May 22	124 Mar 1	140½ May 22
1,000	5⅜s debentures 1981	J-D	103¾	--	103¼	--	103⅜	--	103¼ May 16	103¼ May 16	103 Jan 22	104½ Mar 13
	Allegheny Ludlum Steel—											
196,000	4s conv subord debs 1981	A-O	99⅝	Sale	99⅝	Sale	99½	Sale	99¼ May 22	100½ May 10	98⅛ Apr 29	102½ Jan 8
7,000	4¾s s f debentures 1986	J-D	--	103½	102⅛	Sale	102	104	102 May 28	102⅛ May 1	102 Jan 11	103½ Jan 3
19,000	Allegheny & West 1st 4s 1998	A-O	60	64	66	69	67	68	65¼ May 16	68 May 29	61½ Jan 17	68 Mar 20
111,000	Allied Chem & Dry 3½s 1978	A-O	94	95	93¾	Sale	93⅞	94½	93¾ May 1	94½ May 6	93¾ May 1	95 Feb 14
256,000	Allied Stores Corp 4½s 1981	A-O	103¾	105	104½	Sale	104¼	Sale	103¾ May 31	105 May 15	102⅝ Jan 29	105 Feb 18
143,000	Alum Co of Amer 3⅛s 1964	F-A	99½	100	99 13/32	Sale	99 13/32	Sale	99 13/32 May 1	99 15/32 May 10	99⅜ Feb 5	100 Jan 3
33,000	3s s f debentures 1979	J-D	88½	89	88⅜	--	88	Sale	88 May 16	88¼ May 15	88 Apr 16	90 Mar 25
299,000	4¼s s f debentures 1982	J-J	101	Sale	100	100½	101	Sale	99⅞ May 3	101 May 6	99⅞ May 3	101⅞ Jan 21
79,000	3⅞s s f debentures 1983	A-O	96	98	96⅛	96½	95½	96	95⅝ May 10	96½ May 2	95⅝ Apr 9	97½ Jan 23
74,000	Aluminum Co of Can 3⅞s 1970	M-N	99¼	--	100	Sale	99½	Sale	99½ May 9	100 May 1	99¼ Jan 4	100 Mar 19
43,000	4½s s f debentures 1980	A-O	101½	102¼	100¾	102	101¼	102	100⅞ May 7	102 May 16	100⅞ May 7	102¾ Jan 10
1,000	American Airlines 3s debs 1966	J-D	96¾	97¼	96¾	97	96¾	97½	96¾ May 15	96¾ May 15	96¾ Apr 16	96¾ Apr 16
20,000	American Can Co 3¾s 1988	A-O	93	93¾	94½	Sale	--	93⅞	93½ May 14	94½ May 1	93¼ Apr 29	95 Feb 20
40,000	4¾s debentures 1990	J-J	104½	--	104¼	105¼	104¼	--	105 May 14	106 May 21	104¼ Apr 9	106 May 21
377,000	American Distilling Co—											
	4⅜s conv subord debs 1986	M-N	107¼	Sale	107½	Sale	107¾	Sale	105 May 8	108½ May 14	105 May 8	113½ Jan 24
589,000	Amer & Foreign Pwr 5s 2030	M-S	65¼	Sale	74½	Sale	77	Sale	74½ May 1	78 May 9	65 Jan 2	78 May 9
760,000	4.80s junior debs 1987	J-J	63	Sale	73	Sale	75	Sale	73 May 1	75¾ May 9	63 Jan 2	75¾ May 9
	American Machine & Foundry											
937,000	4¼s conv subord debs 1981	M-S	90¾	Sale	94½	Sale	94	Sale	93½ May 15	95⅜ May 3	90⅝ Jan 2	98 Feb 18
	American Optical Co—											
155,000	4.40s conv subord debs 1980	A-O	122¾	Sale	129¼	Sale	127½	129	127 May 13	130 May 29	121½ Jan 9	130 May 29
	American Sugar Co—											
1,104,000	5.30s subord debs 1993	A-O	--	--	107	Sale	106¾	Sale	106⅜ May 13	108 May 2	105¾ Apr 22	108 May 2
	American Tel & Tel—											
119,000	2¾s debentures 1980	F-A	82	Sale	80⅝	Sale	82	Sale	80 May 7	82 May 15	80 May 7	83 Mar 13
232,000	2¾s debentures 1975	A-O	86½	Sale	85⅜	Sale	85¼	Sale	85 May 3	86 May 6	85 Apr 11	88¼ Jan 14
53,000	2⅝s debentures 1986	J-J	76½	77⅜	75½	76¾	74⅞	Sale	74¾ May 13	76¼ May 6	74¾ May 13	77⅞ Jan 21
28,000	2¾s debentures 1982	A-O	80½	81½	79⅝	81¼	79⅞	Sale	79½ May 22	80⅞ May 17	79⅛ Apr 15	81¾ Feb 15
32,000	2⅞s debentures 1987	J-D	--	--	78½	80¾	78⅝	80	78⅛ May 8	79⅞ May 15	78 Apr 11	80½ Jan 7
302,000	3⅜s debentures 1973	J-D	93⅜	Sale	93⅜	Sale	92⅞	Sale	92¾ May 28	94¼ May 9	92¾ May 28	95⅜ Jan 18
128,000	2¾s debentures 1971	F-A	91⅛	Sale	90¾	Sale	90¾	Sale	90½ May 7	91½ May 23	89⅞ Apr 10	91¾ Feb 27
138,000	3¼s debentures 1984	M-S	86⅝	Sale	85⅜	Sale	86¼	Sale	85¼ May 2	86½ May 17	84¾ Apr 16	87½ Jan 8
244,000	3⅞s debentures 1990	J-J	94½	Sale	93⅛	Sale	93⅞	Sale	92¾ May 3	93⅞ May 31	92½ Apr 22	96 Jan 16
803,000	4⅜s debentures 1985	A-O	102½	Sale	101⅝	Sale	101½	Sale	101 May 20	101⅝ May 1	100⅝ Apr 11	103⅞ Jan 18
714,000	5s debentures 1983	M-N	107	Sale	106½	Sale	106 3/32	Sale	106¼ May 17	106½ May 1	106¼ May 17	107¼ Jan 10
	All called on June 10 at 106.461											
278,000	4¼s conv debs 1973	M-S	316	Sale	344	Sale	341	Sale	341 May 28	353 May 2	313 Jan 2	353 May 2
74,000	American Tob 3s debs 1969	A-O	96	Sale	96½	Sale	97⅛	Sale	96 May 1	98 May 15	96 Jan 2	98 May 15
7,000	3¼s debentures 1977	F-A	92¼	--	91½	--	92	--	91½ May 3	92 May 17	91½ May 3	92½ Jan 8
55,000	Anheuser Busch Inc 3⅜s 1977	A-O	91½	92½	93	--	92⅝	--	92½ May 16	92⅝ May 17	91⅞ Jan 15	93 Jan 30
45,000	Ann Arbor 1st g 4s July 1995	Q-J	58	63½	63	64⅝	64¾	70	63¼ May 7	64¾ May 8	63¼ May 7	66 Jan 14
19,000	Apco Oil Corp 5¾s 1981	A-O	100⅜	--	102½	--	104¼	--	102½ May 8	104½ May 17	101 Jan 3	104½ May 17
	Armco Steel Corp—											
18,000	4.35s s f debentures 1984	A-O	102	--	--	101½	--	102	101½ May 6	102¼ May 17	101 Feb 26	102¾ Mar 12
7,000	4½s s f debentures 1986	J-D	102½	--	--	104	101⅝	103⅜	103⅜ May 29	103⅜ May 29	102½ Jan 9	104 Mar 4
	Armour & Company—											
615,000	△5s inc subord debs 1984	M-N	91½	Sale	93¾	Sale	97	Sale	d93¾ May 1	97 May 15	91½ Jan 2	97½ Apr 9
705,000	4½s conv subord debs 1983	M-S	106⅞	Sale	110	Sale	109⅞	Sale	109 May 31	111½ May 3	105½ Feb 26	111½ May 3
	Ashland Oil & Ref—											
1,936,000	3⅞s conv subord debs 1993	F-A	--	--	106⅜	Sale	109	Sale	106 May 1	111½ May 14	101⅝ Mar 21	111½ May 14
35,000	Associates Invest 4½s 1976	F-A	101¼	Sale	100¾	--	100¾	Sale	100¾ May 7	100¾ May 7	100¾ Apr 1	102 Feb 1
41,000	5¾s subord debs 1977	J-D	105½	106¾	105¾	106½	105¾	108	105¾ May 16	106½ May 21	105¼ Feb 7	108 Mar 7
25,000	5¼s debentures 1977	F-A	106	--	106¾	Sale	--	106	106 May 24	106¾ May 1	105 Jan 23	107½ Mar 18
31,000	5⅛s debentures 1979	F-A	101	101¾	104¼	--	104	--	104 May 7	104⅜ May 7	104 May 7	104¾ Jan 11
17,000	4½s debentures 1983	A-O	101	101¾	101½	--	--	101½	101⅜ May 22	101¾ May 6	101 Apr 24	103¼ Jan 15
	Atchison Top & Santa Fe—											
152,000	General gold 4s 1995	A-O	96	Sale	94½	95	94⅝	Sale	94⅛ May 7	95⅝ May 22	94 Apr 23	96⅞ Jan 3
9,000	Stamped 4s July 1995	M-N	86	Sale	92	Sale	89½	Sale	89½ May 27	92 May 1	89½ Mar 1	92⅜ Jan 18
	Atlanta & Charlotte Air Line—											
4,000	1st mortgage 3¾s 1963	M-N	99¾	100	98⅞	--	99 5/16	100	99 5/16 May 16	99 5/16 May 16	99 5/16 May 16	100 Jan 15
	Atlantic Coast Line—											
151,000	Gen unified 4½s ser A 1964	J-D	100⅞	101½	101⅛	101⅜	101	Sale	100¾ May 13	101½ May 1	100⅝ Jan 4	102 Feb 27
7,000	Gen mtge 4s ser A 1980	M-S	92⅜	--	93⅞	--	--	94	93¾ May 7	93¾ May 7	92⅜ Jan 7	94 Apr 9
2,000	Gen mtge 4¼s ser C 1972	J-J	96	--	98	--	98	--	98 May 24	98 May 24	96 Jan 7	98 Mar 15
----	Gen mtge 3⅝s ser D 1980	M-S	80	--	80	--	80	--	-- ------	-- ------	-- ------	-- ------
43,000	Atlantic Refin 2⅝s debs 1966	J-J	96½	96¾	96½	97⅛	97	Sale	96⅝ May 6	97 May 31	96½ Jan 7	97⅜ Mar 12
14,000	3¼s debentures 1979	J-J	90¾	--	90½	--	90½	--	90⅝ May 8	90⅝ May 8	90½ Feb 14	91 Feb 27
744,000	4½s conv subord debs 1987	F-A	112½	Sale	114½	Sale	113¾	Sale	112¾ May 28	115½ May 6	111⅜ Jan 3	118¼ Apr 18
	Automatic Canteen Co of Amer											
493,000	4¾s conv subord debs 1981	J-J	95¾	Sale	99¾	Sale	100	Sale	99½ May 2	102 May 15	95 Jan 7	102 May 15
	Avco Manufacturing Corp—											
929,000	5s conv subord debs 1979	F-A	214½	Sale	235	Sale	231	Sale	225 May 24	239 May 3	208 Mar 4	239 May 3
	Baltimore & Ohio RR Co—											
997,000	1st cons mtge 3⅞s ser A 1970	F-A	81⅞	Sale	83⅜	Sale	88	Sale	83⅜ May 1	88 May 24	81⅞ Jan 2	88 May 24
489,000	1st cons mtge 4s ser B 1980	M-S	71½	Sale	73¾	Sale	77	Sale	73⅝ May 14	77¾ May 24	68½ Mar 28	77¾ May 24
237,000	1st cons mtge 4¼s ser C 1995	A-O	70	Sale	76⅞	Sale	78¼	Sale	76⅝ May 1	78¼ May 31	68 Jan 22	78¼ May 31
601,000	△Conv 4½s inc Feb 1 2010	May	78	Sale	82	Sale	86¾	Sale	82 May 1	86¾ May 31	72 Jan 18	86¾ May 31
488,000	4½s conv debs ser A 2010	J-J	67	Sale	73⅜	Sale	75	Sale	71 May 14	75¾ May 27	64¼ Jan 16	78 Feb 28
	Baltimore Gas & Elec Co—											
----	1st ref mtge 3s ser Z 1989	J-J	80	--	--	81	--	81	-- ------	-- ------	80 Feb 1	81 Feb 7
----	1st ref mtge 3¼s 1990	J-D	80⅝	--	81	--	--	--	-- ------	-- ------	82 Apr 17	86 Jan 25
1,000	1st ref mtge s f 4s 1993	M-S	95	96½	94	96¼	94	96¼	96¼ May 23	96¼ May 23	95 Jan 18	96¾ Feb 12
200,000	4¼s conv debentures 1974	J-J	136½	Sale	145	Sale	143½	Sale	142⅛ May 29	145¼ May 1	135½ Jan 7	150 Feb 7
	Baxter Laboratories Inc—											
177,000	4s conv subord debs 1982	A-O	109¾	Sale	109	Sale	108½	Sale	107¾ May 20	109⅞ May 7	106 Feb 27	110¼ Jan 4

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Sales in May Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
15,000	Beneficial Finance 5s 1977	M-N	104½	—	103½	—	104½	105	103⅝ May 23	104½ May 28	103⅝ May 23	105½ Jan 18
7,000	4⅞s debentures 1981	J-D	105	Sale	—	105½	—	105½	103½ May 20	103½ May 20	103 Jan 17	105⅛ Jan 8
	Bethlehem Steel Corp—											
22,000	Cons mtge 2¾s ser I 1970	J-J	91½	92	91½	—	91½	92⅛	91⅛ May 7	91⅝ May 14	91 Feb 27	92¼ Jan 17
----	Cons mtge 2¾s ser J 1976	M-N	85¼	—	87	—	87	—	— ------	— ------	85½ Jan 29	88 Apr 1
----	Cons mtge 3s ser K 1979	J-J	87½	—	86½	—	86½	87½	— ------	— ------	87½ Jan 8	87½ Jan 8
269,000	3¼s conv debentures 1980	M-N	97½	Sale	106¾	Sale	109	Sale	105 May 10	109 May 31	97¼ Jan 2	112 Apr 15
	Boeing Airplane Co—											
849,000	4½s conv subord debs 1980	J-J	102¼	Sale	102⅜	Sale	102	Sale	101½ May 7	103¾ May 10	101½ May 7	106 Feb 26
----	Borden Co 2⅞s debs 1981	M-S	84⅞	85½	86¼	—	86⅜	—	— ------	— ------	84¾ Jan 17	87 Mar 27
16,000	4⅜s s f debentures 1991	J-D	103¼	104⅛	101	102½	101¼	—	101⅛ May 10	101¼ May 17	101⅛ May 10	104⅛ Jan 28
	Boston & Maine RR—											
15,000	1st 5s series AC 1967	M-S	36	42¾	48	Sale	46¼	—	45¾ May 23	48 May 1	41½ Jan 7	50½ Feb 12
259,000	△Inc M 4½s Ser A July 1970	May	17	Sale	19¼	20½	19½	Sale	19½ May 2	21¾ May 15	17 Jan 2	23¼ Mar 11
409,000	1st mtge 6s series ss 1965	F-A	46¼	Sale	52	Sale	52	Sale	51 May 21	52 May 1	46⅛ Jan 2	55¼ Feb 18
8,000	Bristol-Myers Co 3s debs 1968	A-O	96⅛	—	97¼	—	97¼	—	97¼ May 15	97½ May 23	97 Jan 7	97½ May 23
	Brooklyn Union Gas Co—											
13,000	General mtge 2⅞s 1976	J-J	84¼	Sale	84½	—	84½	85	84½ May 16	84⅞ May 24	84¼ Jan 2	85¾ Jan 18
----	1st mortgage 3s 1980	J-J	77½	—	—	—	—	—	— ------	— ------	— ------	— ------
----	1st mortgage 4⅛s 1983	M-N	98⅛	—	—	98¾	—	98¾	— ------	— ------	98⅛ Jan 11	99 Feb 25
8,000	1st mortgage 5⅛s 1986	J-D	105	—	106	—	103¼	—	106 May 14	106 May 14	103½ Mar 1	106 Apr 22
9,000	1st mortgage 4⅜s 1988	M-S	—	—	100⅛	—	100⅝	101⅛	100⅝ May 29	101¼ May 13	100⅜ Apr 3	101¼ May 13
----	Brown Shoe Co 3½s debs 1971	J-J	96⅛	—	—	—	96	97	— ------	— ------	95⅞ Mar 12	96⅞ Jan 9
	Brunswick Corp—											
566,000	4½s conv subord debs 1981	J-J	91⅛	Sale	93¼	Sale	92⅝	Sale	91¼ May 10	93¾ May 2	91 Jan 2	96½ Apr 11
30,000	Buffalo Niag Elec 2¾s 1975	M-N	85½	86¼	85½	—	84½	85¼	85⅛ May 21	85½ May 9	85⅛ May 21	86½ Jan 14
	Burroughs Corp—											
900,000	4½s conv subord debs 1981	J-D	109⅞	Sale	107	Sale	110½	Sale	106⅝ May 1	110½ May 31	105½ Apr 19	114¾ Jan 24
	Bush Terminal Building—											
----	△Gen mtge 5s income 1982	A-O	96⅛	—	99⅞	—	—	—	— ------	— ------	96⅛ Jan 29	100 Mar 6
----	California Elec Power 3s 1976	J-D	—	87	84½	—	84½	—	— ------	— ------	84¾ Apr 23	87 Jan 14
	Canadian Pacific Ry—											
255,000	4% consol deb (perpetual)	J-J	77	Sale	82⅛	Sale	83	Sale	82 May 2	84¾ May 15	76½ Jan 2	84¾ May 15
30,000	Caro Clinch & Ohio 4s 1965	M-S	100	100½	99⅞	—	100	—	99⅞ May 16	100⅛ May 29	99½ Apr 15	100½ Jan 3
8,000	Carthage & Adir Ry 4s 1981	J-D	54	60½	60½	Sale	62	68	59¾ May 21	63 May 28	55 Jan 18	63 May 28
30,000	Case (J I) Co 3½s debs 1978	F-A	57¼	61½	62⅛	64½	70½	—	63½ May 17	71½ May 29	57½ Feb 1	71½ May 29
1,207,000	5½s conv subord debs 1983	A-O	74	Sale	81	Sale	88½	Sale	81 May 1	88½ May 31	73¼ Jan 2	88½ May 31
86,000	Caterpillar Tractor 4½s 1977	M-N	103½	104½	103	Sale	102⅜	Sale	102⅛ May 27	104 May 10	102⅛ Apr 17	105 Jan 10
15,000	4⅝s s f debentures 1986	J-D	105	Sale	104½	105	104⅝	—	104⅝ May 21	105½ May 14	104 Apr 10	106 Feb 28
27,000	Celanese Corp 3s debs 1965	A-O	97¼	98½	98⅛	98¾	98⅛	98¾	98⅛ May 13	98¼ May 28	97½ Jan 30	98¾ Feb 25
9,000	3½s debentures 1976	A-O	91	Sale	90	—	90	90½	90 May 13	90 May 13	89⅞ Apr 16	91¼ Jan 14
	Central of Georgia Ry—											
251,000	1st mtge 4s series A 1995	J-J	78¼	79	75	80⅜	78½	80	77½ May 7	80 May 7	77½ May 7	82 Feb 20
----	△Gen mtge 4½s ser A 2020	May	81½	—	87½	—	90	—	— ------	— ------	82 Feb 6	82 Feb 6
79,000	△Gen mtge 4½s ser B 2020	May	72⅜	75	73	73¾	77	Sale	71¼ May 13	77 May 31	71¼ Apr 22	79 Feb 20
	Central Illinois Light Co—											
108,000	4¼s conv debentures 1974	J-D	118¼	Sale	126	127¼	120½	124½	124½ May 7	127 May 2	117¼ Jan 29	127½ Apr 23
654,000	Cent RR Co of N J 3¼s 1987	J-J	40¼	Sale	42⅞	Sale	44	Sale	41½ May 7	44¼ May 22	40¼ Jan 2	46¼ Jan 11
28,000	Cent N Y Pwr gen mtg 3s 1974	A-O	88½	—	88⅛	Sale	—	88¾	88⅛ May 1	88¾ May 1	87⅞ Apr 18	91 Jan 8
	Central Pacific Ry—											
----	1st & ref 3½s ser A 1974	F-A	86	—	86⅝	—	86⅝	—	— ------	— ------	86 Jan 23	86⅝ Feb 27
----	1st mtge 3⅝s ser B 1968	F-A	94	—	95⅛	—	95⅛	—	— ------	— ------	95⅛ Apr 8	96 Feb 19
	Cerro de Pasco Corp—											
366,000	5½s conv subord debs 1979	M-N	101	Sale	104	Sale	107¾	Sale	104 May 1	108¼ May 22	100½ Jan 2	108¼ May 22
	Chadbourn Gotham Inc—											
3,000	5.90s conv sub debs ww 1971	A-O	103	106	100	103	100	—	103 May 8	103 May 8	99 Apr 25	110 Jan 11
183,000	Without warrants	A-O	98	101	96½	Sale	98⅞	Sale	96 May 1	104½ May 16	94 Apr 19	105 Jan 11
2,000	6s conv sub debs ww 1974	A-O	103	106	100	107	100	108	107 May 16	107 May 16	100 Apr 25	111 Jan 24
120,000	Without warrants	A-O	98	101⅞	97¼	Sale	99⅛	Sale	96 May 6	103 May 16	95 Apr 16	106 Jan 15
	Champion Paper & Fibre—											
----	3¼s debentures 1965	J-J	97½	—	98⅝	99	98⅝	99	— ------	— ------	98⅝ Mar 12	98⅝ Mar 12
4,000	3¾s debentures 1981	J-J	91½	—	92⅛	—	92⅛	—	92⅛ May 23	92⅛ May 23	92⅛ May 23	92½ Mar 14
63,000	4½s conv subord debs 1984	J-J	107	110	109	111	111	—	111 May 13	111½ May 8	104⅞ Mar 14	111½ May 8
	Chesapeake & Ohio Ry—											
22,000	General gold 4½s 1992	M-S	98⅞	Sale	99⅜	Sale	98	100	98 May 27	100 May 1	98 May 27	100 Mar 15
53,000	Ref & imp 3½s ser D 1996	M-N	83⅜	—	84⅛	Sale	84¾	Sale	84⅛ May 1	84¾ May 6	82 Feb 12	84¾ May 6
40,000	Ref & imp 3½s ser E 1996	F-A	82	—	84	Sale	97	98	84 May 1	85⅛ May 28	82 Jan 3	85⅛ May 28
18,000	Ref & imp M 3⅞s ser H '73	J-D	95	Sale	97⅝	Sale	97½	Sale	97 May 6	97⅝ May 1	95 Jan 2	98 Mar 5
----	R & A div 1st cons 4s 1989	J-J	85⅝	—	88½	—	88½	—	— ------	— ------	86¼ Jan 28	88½ Apr 26
----	2nd cons gold 4s 1989	J-J	80⅝	—	81⅞	—	81⅞	—	— ------	— ------	80⅝ Jan 21	80⅝ Jan 21
	Chic Burlington & Quincy—											
8,000	1st & ref mtge 3⅛s 1985	F-A	85⅝	—	86	—	86	—	86 May 6	86 May 6	85⅝ Feb 1	86 Feb 25
39,000	1st & ref mtge 2⅞s 1970	F-A	86½	—	88½	Sale	89⅝	92¼	88½ May 1	89½ May 7	86½ Jan 9	89½ May 7
4,000	1st & ref mtge 3s 1990	F-A	78	—	80	—	80	—	82 May 27	82 May 27	82 May 27	82 May 27
10,000	1st &ref mtge 4⅜s 1978	F-A	94½	—	97	Sale	97⅛	—	97 May 1	97⅛ May 23	94½ Jan 25	97⅛ May 23
	Chicago & Eastern Ill RR—											
127,000	△Gen M inc 5s (conv) 1997	April	58	59⅜	65¼	Sale	65⅛	65¼	65 May 7	66 May 17	59⅜ Jan 3	66 Mar 20
5,000	1st mtge 3¾s ser B 1985	M-N	64¾	—	69¼	70½	71	71½	70½ May 2	71 May 6	68 Mar 29	71 Apr 5
323,000	△5s income debs Jan 2054	M-N	29	Sale	36¾	Sale	38⅜	Sale	35¾ May 14	39 May 27	29 Jan 2	40½ Mar 5
48,000	Chicago & Erie 1st g 5s 1982	M-N	71	73	70	75	71	76	70 May 6	71⅛ May 27	70 May 6	77 Mar 6
39,000	Chic Gt Western 4s ser A 1988	J-J	74⅞	Sale	79¾	Sale	81¾	Sale	79¼ May 13	81¾ May 24	73⅛ Jan 7	81¾ May 24
86,000	△Gen inc M 4½s Jan 2038	April	62¾	Sale	63⅞	66	66	67	63⅞ May 6	67¼ May 23	60¼ Mar 22	67¼ May 23
	Chic Ind'polis & Loisv Ry—											
152,000	△1st M inc 4s ser A Jan '83	April	48¼	Sale	46	51¾	50	50½	50 May 22	52½ May 2	45 Apr 2	59⅞ Feb 18
142,000	△2d M inc 4½s A Jan 2003	April	36	Sale	48	Sale	53½	56½	48 May 1	56 May 2	36 Jan 2	56 May 2
	Chic Milw St Paul & Pac—											
5,000	4s series A 1994	J-J	77¾	78¼	81¼	82	81¼	Sale	81¼ May 20	81¼ May 20	77½ Jan 3	82 Feb 6
18,000	4½s series A Jan 2019	April	78⅛	79	82¼	Sale	82⅛	Sale	82 May 2	82¼ May 1	78½ Feb 11	82¼ May 1
213,000	4½s conv inc ser B Jan 2044	April	56⅛	Sale	65	Sale	67½	Sale	62¼ May 9	68 May 27	56⅛ Jan 2	68 May 27
1,782,000	△5s inc debs ser A 2055	M-S	54¼	Sale	59¼	Sale	63¾	Sale	58 May 7	63¾ May 31	54 Jan 3	63¾ May 31
	Chic & North Western Ry—											
1,992,000	△2d M cv inc 4½s Jan 1999	April	49	Sale	62⅜	Sale	66	Sale	60¾ May 9	66 May 31	49 Jan 2	66 May 31
1,000	1st mtge 3s series B 1989	J-J	51⅝	53	58⅝	Sale	55⅝	—	56⅝ May 1	58⅝ May 1	53½ Jan 16	58⅝ May 1
	Chicago Rock Island & Pacific											
----	RR 2⅞s series A 1980	J-J	71⅝	—	71½	—	72⅞	—	— ------	— ------	71½ Jan 24	71⅝ Jan 24
41,000	4½s income debentures 1995	M-S	76¾	—	77⅛	78	85	89	77¼ May 3	85 May 14	77 Feb 25	85 May 14
52,000	1st mtge 5½s series C 1983	F-A	102	105	101½	103	103	104	101½ May 7	104½ May 20	101 Apr 10	104½ May 20
	Chic T H & Southeast—											
49,000	1st & ref M 2¾s-4¼s 1994	J-J	55⅜	57⅞	62	63	62½	65½	60 May 17	63½ May 15	58 Jan 3	63½ May 15
20,000	Income 2¾s-4¼s 1994	J-J	51⅞	55	59	60	60	62¼	58½ May 13	60 May 6	55 Jan 3	62½ Feb 28
	Chicago Union Station—											
33,000	1st mtge 3⅛s series F 1963	J-J	99⅝	Sale	99 31/32	99 31/32	99 31/32	Sale	99 31/32 May 6	99 31/32 May 10	99 1/32 Jan 2	100 Feb 18
11,000	1st mtge 2⅞s series G 1963	J-J	99¼	99⅝	99 31/32	—	99 31/32	—	99 31/32 May 3	99¾ May 16	99¼ Jan 17	99¾ Feb 18
	Chicago & Western Ind RR—											
15,000	1st coll tr M 4⅜s ser A 1982	M-N	100	—	99¾	—	99¾	—	99½ May 7	99¾ May 7	99½ May 7	100 Jan 7
	Chock Full O'Nuts Corp—											
226,000	4½s conv subord debs 1981	M-N	103½	Sale	102	Sale	103	Sale	101½ May 1	104 May 10	100½ Mar 4	106¾ Jan 23
	Cincinnati Gas & Elec—											
38,000	2nd mtge 2¾s 1975	A-O	85¾	—	85¼	86½	85¾	Sale	85½ May 3	86½ May 2	85¼ Apr 22	86½ Jan 18
----	1st mtge 2⅞s 1978	J-J	—	—	—	—	—	—	— ------	— ------	— ------	— ------
----	1st mtge 4⅛s 1987	M-N	98	—	—	—	98⅛	—	— ------	— ------	98 Apr 30	100⅜ Feb 11
	Cincinnati Union Term—											
----	1st mtge gtd 3⅜s ser E 1969	F-A	95¾	96½	90⅜	—	90⅜	—	— ------	— ------	95¾ Jan 15	96½ Jan 23
9,000	1st mtge 2¾s series G 1974	F-A	86	—	87	—	87	Sale	87 May 8	87 May 8	86 Jan 15	87½ Mar 4

For footnotes, see page 95.

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Sales in May Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY — May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
	C I T Financial Corp—											
119,000	3⅝s debentures 1970	M-S	96¾	Sale	95¾	96¾	96	96½	95⅞ May 7	96⅞ May 27	95⅝ Apr 11	98⅜ Jan 28
210,000	4¼s debentures 1971	A-O	101¼	Sale	101½	Sale	101½	Sale	100⅞ May 29	102 May 8	100½ Apr 15	102¾ Jan 17
138,000	Cities Service 3s s f debs 1977	J-J	86½	87	86¼	87	86	Sale	86 May 29	87 May 7	86 May 29	87¾ Mar 11
	City Products Corp—											
325,000	5s conv subord debs 1982	J-D	105	Sale	108¼	Sale	107	Sale	106⅛ May 16	108½ May 13	105 Jan 2	110 Mar 7
	Cleve Cinc Chicago & St L—											
3,000	General gold 4s 1993	J-D	62½	Sale	68	--	67	--	67 May 28	68 May 2	62½ Jan 2	68 Apr 26
----	General 5s series B 1993	J-D	76	80	78½	--	78½	--	-- ------	-- ------	80 Apr 25	80 Apr 25
399,000	Ref & impt 4½s ser E 1977	J-J	72¾	Sale	78	80	81¾	Sale	78¼ May 2	81¾ May 31	72¾ Jan 2	81¾ May 31
20,000	Cinc W & M Div 1st 4s 1991	J-J	53½	59	60½	Sale	64½	Sale	59 May 9	64½ May 31	56 Jan 22	64½ May 31
----	St L Div 1st coll tr 4s 1990	M-N	80¾	85	--	81	81	--	-- ------	-- ------	81 Jan 21	85 Feb 20
81,000	Cleveland Elec Illum 3s 1970	J-J	93¼	Sale	93	Sale	92⅞	--	92¾ May 14	94 May 3	92¾ Feb 18	94 Jan 18
2,000	1st mortgage 3s 1982	J-D	80⅛	--	81	--	81⅛	--	81 May 22	81 May 22	80⅛ Jan 22	81 Apr 29
----	1st mortgage 2¾s 1985	M-S	72⅛	--	--	--	--	--	-- ------	-- ------	77¾ Jan 15	78¼ Jan 28
1,000	1st mortgage 3⅜s 1986	J-D	82	--	85	86	85	Sale	85 May 31	85 May 31	85 May 31	88 Jan 29
----	1st mortgage 3s 1989	M-N	78	80	80	82	80	81½	-- ------	-- ------	80 Jan 11	80⅞ Mar 13
8,000	1st mortgage 3⅞s 1993	M-S	94⅜	95¼	93	94½	--	94	93 May 13	94½ May 13	93 May 13	97 Feb 5
35,000	1st mortgage 4⅜s 1994	A-O	101	102½	99½	101¼	100¾	101¼	100⅝ May 8	101⅛ May 24	100½ Apr 10	103½ Feb 8
	Colorado Fuel & Iron Corp—											
312,000	4⅞s ser A s f conv debs 1977	J-J	81	Sale	84¼	Sale	85¾	Sale	84¼ May 1	87 May 24	81 Jan 2	87 May 24
	Columbia Gas System Inc—											
----	3s debentures series A 1975	J-D	89½	Sale	88	90	88	90	-- ------	-- ------	88 Apr 22	91 Feb 26
----	3s debentures series B 1975	F-A	89½	92	88½	91½	88½	91½	-- ------	-- ------	88¾ Apr 11	90 Jan 17
6,000	3⅜s debentures ser C 1977	A-O	89⅝	91½	90⅞	--	90⅜	--	90⅜ May 20	90⅜ May 20	89⅝ Jan 14	90⅜ Apr 11
18,000	3½s debentures ser D 1979	J-J	91¼	Sale	90¾	--	90¾	91½	90¾ May 21	91 May 24	90¾ May 21	92¾ Mar 5
6,000	3⅝s debentures ser E 1980	M-S	92½	93	92½	94	92½	94	92½ May 20	93¼ May 20	92½ Apr 19	93¼ Jan 28
27,000	3⅞s debentures ser F 1981	A-O	95	96¼	94⅝	96½	94⅝	96	94¾ May 23	95¼ May 16	94⅝ Feb 28	96½ Jan 29
1,000	4¾s debentures ser G 1981	A-O	104	--	102	103⅞	102¾	104½	102½ May 9	102½ May 9	102½ Mar 29	104½ Apr 5
62,000	5s debentures series I 1982	O-A	103⅝	105¾	105½	Sale	105½	Sale	104 May 15	105½ May 1	103¼ Feb 14	105½ Apr 29
75,000	4⅜s debentures ser J 1983	M-S	100	100½	--	99⅞	100½	100¾	99⅝ May 9	100⅜ May 17	99⅝ May 9	102½ Feb 28
6,000	4⅞s debentures ser K 1983	O-A	101¼	104⅜	104	104⅞	104	104⅞	103⅞ May 23	104 May 20	103¼ Feb 11	104⅞ Apr 25
63,000	5⅛s debentures ser O 1985	A-O	104¾	Sale	106	Sale	106	--	105⅛ May 14	106¾ May 16	104¾ Jan 2	106¾ May 16
----	3½s conv subord debs 1964	M-N	97½	--	98⅞	99⅛	98⅞	99⅛	-- ------	-- ------	98¼ Jan 8	98¾ Jan 29
	Columbus & Sou-Ohio Elec—											
----	1st mortgage 3¼s 1970	M-S	93½	94½	93⅝	96	94⅛	95	-- ------	-- ------	93½ Jan 4	95 Jan 30
----	1st mortgage 3⅝s 1983	M-N	--	--	--	--	--	--	-- ------	-- ------	86½ Jan 24	86½ Jan 24
----	1st mortgage 3¾s 1986	A-O	--	--	91	--	91	--	-- ------	-- ------	91⅛ Apr 30	91⅛ Apr 30
51,000	1st mortgage 4½s 1987	M-S	101⅞	--	101⅞	--	--	--	102 May 24	102⅝ May 21	100⅛ Apr 22	102⅝ May 21
	Combustion Engineering Inc—											
593,000	3⅜s conv subord debs 1981	J-D	100¾	Sale	104¾	Sale	107	108	104 May 7	110 May 22	100½ Jan 2	110 May 22
	Commonwealth-Edison Co—											
77,000	1st mortgage 3s ser L 1977	F-A	88½	Sale	86¾	87¼	87⅛	--	86¾ May 3	87¾ May 27	86⅝ Apr 16	89¼ Jan 4
5,000	1st mortgage 3s ser N 1978	J-D	86½	87¾	87	--	--	--	88 May 15	88 May 15	86¼ Jan 28	88 May 15
----	3s s f debentures 1999	A-O	77	80	78	81½	78	81½	-- ------	-- ------	78½ Jan 18	79⅝ Feb 5
28,000	2¾s s f debentures 1999	A-O	72⅛	--	72⅛	78	72⅛	78	72⅛ May 13	72½ May 10	72⅛ Jan 8	72¾ Mar 19
1,000	2⅞s s f debentures 2001	A-O	76	78	75	--	75	76½	75 May 3	75 May 3	75 Apr 5	76 Jan 8
	Consolidated Edison Co N Y—											
	1st & refunding mortgage											
65,000	2¾s series A 1982	M-S	80⅜	80⅞	80	81½	79⅝	81½	79¾ May 24	80½ May 24	79¾ May 24	82 Mar 25
30,000	2⅝s series B 1977	A-O	83⅛	83⅞	81¾	83⅞	82¾	84	82⅛ May 14	83 May 20	82⅛ May 14	83 May 20
18,000	2¾s series C 1972	J-D	90½	--	89	Sale	--	89½	89 May 1	90⅝ May 20	88½ Apr 24	90⅞ Feb 21
82,000	3s series D 1972	M-N	--	--	91	Sale	91	--	90 May 10	91½ May 6	90 May 10	92 Jan 25
5,000	3s series E 1979	J-J	85	--	--	86¼	--	--	85¼ May 13	85¼ May 13	85¼ May 13	86¾ Jan 3
6,000	3s series F 1981	F-A	85½	--	--	84½	83	83½	84½ May 13	84⅞ May 8	84¼ Apr 15	85½ Jan 24
33,000	3¼s series G 1981	M-N	88⅛	Sale	87¼	--	86½	87½	84¼ May 20	87½ May 23	84¼ May 20	89 Feb 15
42,000	3⅜s series H 1982	M-S	89	89⅞	88	Sale	87¾	88⅞	87½ May 17	89 May 15	87½ Apr 29	89⅞ Jan 7
6,000	3½s series I 1983	F-A	90¼	90¾	88¾	--	88¾	89	88¾ May 10	89 May 29	88 Apr 19	91½ Feb 13
28,000	3⅜s series J 1984	J-J	--	--	--	87	86¾	Sale	86¼ May 3	86⅞ May 20	86¼ May 3	89 Jan 14
4,000	3⅜s series K 1985	J-D	88¼	89	86¾	88¾	--	87	86½ May 24	86½ May 24	86½ May 24	88⅞ Jan 15
24,000	3⅝s series L 1986	M-N	90¾	--	90⅛	--	--	90	88 May 29	90⅛ May 6	88 May 29	92⅜ Feb 7
226,000	4¼s series M 1986	A-O	101½	102½	99¼	Sale	100⅝	101	99¼ May 1	101 May 22	98¾ Apr 26	102½ Jan 4
85,000	5s series N 1987	A-O	105¼	Sale	105⅝	Sale	107	Sale	105⅝ May 1	107 May 23	105⅛ Jan 3	107 May 23
83,000	4s series O 1988	J-D	97	99¾	96½	97½	98¼	Sale	97 May 6	98¼ May 29	96½ Jan 3	99⅜ Jan 11
330,000	5⅛s series P 1989	J-D	106⅞	Sale	107	Sale	105¼	105½	105¼ May 16	107⅛ May 2	105¼ Jan 23	107½ Mar 26
	All called on June 10 at 105.31											
8,000	4¾s series R 1990	J-D	105	Sale	104⅜	--	105	Sale	105 May 31	106 May 7	104¼ Apr 23	106 May 7
23,000	5s series S 1990	J-D	106¾	--	107	Sale	107¾	--	106⅞ May 10	107¼ May14	105¾ Apr 18	107⅞ Feb 4
----	4¾s series T 1991	J-D	105	105⅜	104½	--	104½	--	-- ------	-- ------	104½ Mar 8	106⅜ Jan 14
12,000	4⅝s series U 1991	M-N	104	--	102¼	104½	103⅝	--	102½ May 14	104½ May 3	102½ May 14	105½ Jan 9
83,000	4⅜s series V 1992	J-D	102½	Sale	101	101⅜	101¾	Sale	100¾ May 27	102 May 16	100¾ Apr 11	103 Jan 15
72,000	4⅜s series W 1992	A-O	102	Sale	101¼	Sale	101⅜	Sale	100¾ May 27	101¾ May 7	100¾ May 27	102¾ Mar 8
6,000	3s conv debentures 1963	J-D	328	Sale	339	--	r343	Sale	341 May 9	345 May 27	328 Jan 2	345 May 27
	Consolidated Electrodynamics											
282,000	4½s conv subord debs 1984	J-D	103⅞	Sale	104½	Sale	107	Sale	103½ May 1	107½ May 21	102¼ Apr 5	107½ May 21
	Consol G E L & P (Balt)—											
----	1st ref M 2⅞s ser T 1976	J-J	85½	--	85½	--	85⅞	--	-- ------	-- ------	86⅛ Feb 1	87⅛ Mar 22
8,000	1st ref M 2⅞s ser U 1981	A-O	82¾	83¾	--	82⅞	79⅞	--	79½ May 16	81 May 22	79½ May 16	84 Mar 18
----	1st ref M 2¾s ser X 1986	J-J	--	--	71½	--	71½	--	-- ------	-- ------	-- ------	-- ------
	Consolidated Natural Gas—											
----	2¾s debentures 1968	A-O	93⅝	--	94¾	--	94¾	--	-- ------	-- ------	94⅛ Feb 6	94⅝ Mar 18
41,000	3¼s debentures 1976	M-N	90¾	--	90¼	91	91⅛	92	90½ May 15	92 May 29	90¼ Apr 24	92½ Feb 28
7,000	3⅛s debentures 1979	J-D	85¾	--	87¼	--	87½	Sale	87½ May 31	87½ May 31	87 Mar 14	87⅝ Apr 11
3,000	3s debentures 1978	F-A	85⅝	--	85½	--	85⅝	--	85½ May 20	85½ May 20	85½ Jan 7	85½ Jan 7
22,000	4⅞s debentures 1982	J-D	103⅞	--	104⅛	104¾	--	--	104⅜ May 13	104¾ May 2	103¾ Mar 21	106 Jan 14
10,000	5s debentures 1982	M-S	106	Sale	104¾	--	--	--	105 May 20	105 May 20	104½ Feb 7	106¼ Jan 29
18,000	4⅜s debentures 1983	F-A	101½	102¼	100	101¼	100⅜	101⅛	100⅛ May 17	101⅝ May 29	100⅛ May 17	102¼ Jan 25
18,000	5s debentures 1985	F-A	105½	106¼	105	105½	103½	105½	105 May 3	105½ May 7	104¼ Apr 10	106¼ Jan 7
30,000	4⅜s debentures 1986	F-A	101	102½	100⅛	101	101¼	101¾	100¼ May 7	101¾ May 29	100¼ Apr 11	103 Jan 22
23,000	4¾s s f debens 1986	M-N	104¼	105	103	103¾	103⅛	104	101¼ May 17	103¾ May 13	101¼ Apr 1	105 Jan 4
9,000	4½s debentures 1987	M-S	102	104⅜	103⅛	Sale	--	103	103 May 1	103⅛ May 1	102½ Mar 15	104¼ Jan 9
34,000	4⅜s debentures 1988	A-O	--	--	--	--	100½	Sale	100⅜ May 29	100½ May 28	100⅜ May 29	100½ May 28
127,000	Consumers Power 2⅞s 1975	M-S	87⅞	Sale	86⅞	87½	86¾	88	86½ May 17	87⅝ May 6	85½ Apr 11	88⅝ Jan 14
183,000	Conv debentures 4⅜s 1975	F-A	146½	Sale	156	Sale	159	Sale	152½ May 7	159 May 31	142¾ Mar 4	162 Apr 15
12,000	1st mortgage 4¾s 1987	A-O	104¼	Sale	103¾	104¾	103¾	104¾	104 May 28	104¾ May 26	103½ Apr 18	105¼ Apr 4
8,000	1st mortgage 4½s 1988	A-O	102½	104	102	102¾	102¼	105½	101½ May 8	102¼ May 16	101½ May 8	103¾ Mar 6
42,000	1st mortgage 4⅝s 1989	F-A	103½	104½	102⅞	Sale	102⅛	104	102¾ May 20	103 May 1	102¾ May 20	104¾ Mar 8
----	1st mortgage 4⅝s 1990	J-O	--	--	102½	--	--	--	-- ------	-- ------	102½ Feb 27	102½ Feb 27
8,000	1st mortgage 4⅝s 1991	F-A	104	--	102¾	104	103	104	102¼ May 15	102¾ May 15	102 Apr 11	105 Feb 13
3,000	Continen Baking 3s debs 1965	J-J	97½	--	98⅜	98⅞	98⅜	98⅞	98⅜ May 20	98⅜ May 20	96¾ Feb 11	99 Mar 14
66,000	4⅜s conv subord debs 1983	M-N	104	Sale	104⅞	105½	107	107⅞	105½ May 2	108 May 21	103¾ Feb 6	108 May 21
----	Contin Can 3⅜s debs 1976	A-O	91¼	--	92¼	--	92¼	--	-- ------	-- ------	91⅜ Jan 7	92¾ Feb 15
4,000	4⅝s debentures 1985	A-O	--	--	103⅜	104¾	103½	104½	104⅝ May 16	104¾ May 2	103½ Jan 31	104¾ May 2
9,000	Continental Oil Corp 3s 1984	M-N	85⅜	--	85¾	Sale	86	--	85¾ May 1	86 May 8	85⅝ Jan 4	86⅛ Mar 15
31,000	4½s debentures 1991	M-N	103⅝	Sale	--	--	102¾	104	102¾ May 22	103⅛ May 20	102¾ May 22	104¾ Jan 23
	Copperweld Steel Co—											
63,000	5s conv subord debs 1979	J-D	100¾	102	103½	Sale	103	103¼	102½ May 27	104¼ May 20	100¾ Feb 8	104½ Apr 2
73,000	Corn Products Co 4⅝s 1983	A-O	104¼	105	104⅝	Sale	104¼	Sale	104¼ May 3	104⅝ May 1	104¼ May 3	106 Jan 9
	Crowell Collier Publishing—											
139,000	4½s conv subord debs 1981	A-O	96⅝	99	90	Sale	87	88	r87 May 9	90 May 1	84 Apr 9	99¾ Jan 4
591,000	5s conv subord debs 1983	A-O	--	--	--	--	122	Sale	114¾ May 8	124 May 22	114¾ May 8	124 May 22
	Crown Cork & Seal Co Inc—											
166,000	4⅜s sf debentures 1988	M-S	--	--	99⅝	100	99¾	Sale	99¾ May 28	100¾ May 8	99½ Apr 18	100¾ May 8
6,000	Crucible Stl 1st mtge 3⅛s 1966	M-N	92⅜	95	93⅝	--	94	--	94 May 21	94 May 21	93 Feb 6	94 May 21
76,000	△Curtis Publishing Co 6s 1986	A-O	66¾	Sale	74	Sale	74⅞	Sale	73¾ May 13	75 May 7	66¾ Jan 2	82½ Feb 14
----	Daystrom Inc 5¼s 1980	A-O	102½	--	104	--	103	--	-- ------	-- ------	-- ------	-- ------

For footnotes, see page 95.

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Sales in May Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
	Dayton Power & Light—											
16,000	1st mortgage 2¾s 1975	A-O	84¾	86½	85¼	--	--	85½	85¼ May 8	85⅜ May 7	85¼ May 8	86½ Jan 17
----	1st mortgage 3s 1978	J-J	--	--	79½	86½	79½	--	-- ------	-- ------	-- ------	-- ------
----	1st mortgage 3s ser A 1978	J-D	--	--	79½	86½	--	85½	-- ------	-- ------	-- ------	-- ------
----	1st mortgage 3¼s 1982	F-A	84	--	86¼	87	83½	87½	-- ------	-- ------	86¼ Apr 25	88 Jan 30
----	1st mortgage 3s 1984	M-S	83	84	79	85½	80	85½	-- ------	-- ------	-- ------	-- ------
5,000	1st mortgage 5s 1987	M-N	103⅝	104½	104⅞	--	103	--	104⅞ May 7	104⅞ May 7	103⅝ Mar 15	105 Apr 9
	All called on June 6 at 104.60											
----	1st mortgage 5⅛s 1990	M-S	104⅞	--	104	--	104⅜	105	-- ------	-- ------	104 Jan 3	104⅞ Jan 3
	All called on June 6 at 104.95											
----	Dayton Union Ry 3¼s 1965	J-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
3,000	Deere & Co 2¾s debs 1965	A-O	97½	--	98	99⅛	98	98⅞	98 May 8	98 May 8	97½ Jan 9	99⅛ Mar 25
23,000	3⅛s debentures 1977	J-J	--	--	89⅜	--	89¾	90½	89⅜ May 8	89¾ May 16	87 Jan 7	89¾ May 16
121,000	4½s subord debs 1983	F-A	100	100⅞	101	Sale	101	101¾	100¼ May 7	101¾ May 20	99¾ Apr 11	102½ Feb 21
	Delaware Lack & West RR Co N Y Lack & Western div											
35,000	1st & ref M 5s ser C 1973	M-N	51⅝	--	57	57½	57⅝	58	56½ May 14	59½ May 24	55 Jan 8	63 Feb 15
61,000	△Income mtge due 1993	May	11¼	16½	20	27	25	26¾	23½ May 7	27¼ May 24	13 Jan 11	27¼ May 24
	Morris & Essex division											
219,000	Coll trust 4-6s May 1 2042	M-N	31½	Sale	38½	Sale	37⅝	38½	35½ May 6	38½ May 1	31½ Jan 2	43½ Feb 15
	Pennsylvania division											
4,000	1st M & coll tr 5s 1985	M-N	42¾	44¾	48	Sale	46⅝	51	46 May 17	48 May 1	43½ Jan 4	54⅛ Feb 12
18,000	1st M & coll tr 4½s B '85	M-N	37	Sale	43¼	45¾	46	--	44 May 8	46 May 24	37 Jan 2	47½ Feb 13
7,000	Delaware Pwr & Lt 3s 1973	A-O	88½	90	88	--	88	--	88⅜ May 23	88⅜ May 23	87 Jan 30	88⅜ May 23
----	1st mtge & coll tr 3⅛s 1977	J-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	1st mtge & coll tr 2⅞s 1979	J-J	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	2¾s 1st mtge & coll tr 1980	M-S	79½	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	1st mtge & coll tr 3⅛s 1984	M-N	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	1st mtge & coll tr 3½s 1985	J-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
5,000	1st mtge & coll tr 3⅞s 1988	J-D	94½	96	94	--	94	--	94 May 9	94 May 9	94 May 9	96 Feb 1
	Denver & Rio Gr West—											
	1st mtge ser A (3% fixed											
32,000	1% contingent int) 1993	J-J	89	90½	87⅝	89½	89	Sale	89 May 13	90 May 10	87 Apr 2	90½ Mar 5
	Inc mtge series A (4½%											
14,000	contingent interest) 2018	April	80¼	88	92⅜	Sale	93½	94¼	92⅜ May 1	94¼ May 20	87 Jan 8	94¼ May 20
	Denver & Salt Lake—											
	Inc mortgage (3% fixed											
----	1% contingent int) 1993	J-J	85¼	--	86⅛	--	85¼	--	-- ------	-- ------	84¼ Apr 1	85¼ Mar 19
	Detroit Edison—											
96,000	Gen & ref 3s ser H 1970	J-D	92⅞	Sale	91½	--	93	Sale	92 May 17	93⅛ May 28	91 Apr 11	93⅞ Jan 10
3,000	Gen & ref 2¾s ser I 1982	M-S	81⅜	Sale	80	81½	80	80¾	79½ May 17	80 May 17	79½ May 17	81⅜ Jan 2
----	Gen & ref M 2¾s ser J 1985	M-S	79½	--	78	80	78	80	-- ------	-- ------	-- ------	-- ------
30,000	Gen & ref 3⅜s ser K 1976	M-N	90⅞	92	90	Sale	90½	91½	90 May 1	91¼ May 17	89 Apr 17	92⅝ Jan 30
1,000	3¼s conv debentures 1969	F-A	240	--	250	--	248	--	254 May 22	254 May 22	254 May 22	254 May 22
2,000	3¾s conv debentures 1971	M-S	190	--	207	--	207	--	210 May 15	210 May 15	208 Jan 7	214 Apr 18
41,000	Gen & ref M 2⅞s ser N 1984	M-S	81	82¼	81	Sale	80¾	81¼	80¾ May 13	81¼ May 2	80 Feb 11	81⅞ Jan 29
8,000	Gen & ref 3¼s ser O 1980	M-N	87⅝	--	85¾	86	--	86½	86 May 10	86½ May 29	86 Apr 19	89½ Feb 1
	Detroit & Mackinac Ry—											
7,000	1st lien 4s 1995	J-D	72⅛	--	72⅛	--	71	72⅛	72⅛ May 7	72⅛ May 7	72⅛ Jan 18	72¼ Apr 16
11,000	△Second gold 4s 1995	J-D	71	--	--	71	71	--	71 May 23	71 May 23	71 Mar 27	71 Mar 27
	Detroit Toledo & Ironton RR											
----	2¾s series B 1976	M-S	74	--	74	--	74	--	-- ------	-- ------	-- ------	-- ------
1,000	Diamond Gardner 4s debs 1983	A-O	95½	96¾	--	97	--	95½	95½ May 2	95½ May 2	95 Jan 24	96½ Jan 4
	Douglas Aircraft Co Inc—											
285,000	4s conv subord debs 1977	F-A	74¼	77	77⅞	Sale	77	Sale	76 May 28	77⅞ May 1	74 Jan 4	78 Jan 14
259,000	5s s f debentures 1978	A-O	94	Sale	94⅝	Sale	94¾	96	94½ May 1	95½ May 22	94 Jan 2	95¾ Feb 6
	Dow Chemical Co—											
735,000	3s conv subord debs 1982	J-J	126	Sale	142	Sale	135¾	Sale	133 May 24	142⅝ May 1	124 Jan 3	142⅝ May 1
	Dresser Industries Inc—											
149,000	4⅛s conv subord debs 1977	M-S	97	Sale	96½	97	97¼	Sale	96 May 22	98½ May 6	96 May 22	99¾ Mar 21
24,000	Duquesne Lt 1st mtge 2¾s '77	F-A	85	85½	83⅜	83⅞	83¾	84½	83½ May 9	84 May 27	83⅜ Apr 29	86 Jan 10
----	1st mortgage 2⅝s 1979	A-O	--	92½	--	--	80	--	-- ------	-- ------	77⅛ Apr 9	77⅛ Apr 9
----	1st mortgage 2¾s 1980	F-A	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	1st mortgage 3¼s 1982	M-S	--	--	86	--	--	--	-- ------	-- ------	-- ------	-- ------
----	1st mortgage 3⅝s 1983	M-S	--	--	92¼	--	--	92¼	-- ------	-- ------	92¼ Apr 16	92¼ Apr 16
----	1st mortgage 3⅛s 1984	J-J	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
3,000	1st mortgage 3½s 1986	A-O	87½	90⅞	87½	89½	88½	89½	87½ May 8	87½ May 28	87½ May 8	89½ May 28
5,000	1st mortgage 3¾s 1988	A-O	93½	94	91	92½	91½	92⅜	92⅜ May 10	92⅜ May 10	92⅜ May 10	94 Feb 15
----	1st mortgage 4¼s 1989	M-S	99	--	--	99½	--	99½	-- ------	-- ------	99½ Jan 23	100 Feb 19
10,000	5s s f debentures 2010	M-S	--	--	106	--	106	--	106¼ May 29	106¼ May 29	104 Jan 4	106½ Jan 11
	Eastern Stainless Steel Corp—											
117,000	5s conv subord debs 1973	M-N	100½	--	103	Sale	105	Sale	103 May 1	106¼ May 28	101 Jan 3	106¼ May 28
----	Ed El Ill N Y 1st cons 5s 1995	J-J	107½	--	108	--	107¾	--	-- ------	-- ------	107½ Feb 4	108 Mar 1
----	Ekco Products 4.60s 1987	F-A	--	104	--	--	101½	102¾	-- ------	-- ------	103 Mar 28	103 Mar 28
21,000	Elgin Jol & East 3¼s A 1970	M-S	90¼	--	90¼	92⅜	91	--	92 May 15	92⅜ May 15	90½ Mar 13	92⅜ May 15
11,000	El Paso & SW 1st & ref 5s '65	A-O	101	Sale	102⅛	--	102	102¼	102⅛ May 8	102½ May 3	101 Jan 2	102½ May 3
----	5s stamped 1965	A-O	101	--	101	--	101	--	-- ------	-- ------	101 Jan 4	101 Jan 4
	Erie Railroad Co—											
630,000	△Gen M inc 4½s A Jan 2015	Apr	13	Sale	18¼	Sale	19⅛	Sale	17 May 2	19⅞ May 29	13 Jan 2	24½ Feb 14
72,000	1st cons mtge 3¼s ser E '64	A-O	80½	Sale	86¼	Sale	85	Sale	84 May 23	86¼ May 1	80½ Jan 2	88¼ Mar 28
35,000	1st cons mtge 3⅛s ser F '90	J-J	34	Sale	36¼	37½	38½	Sale	36 May 8	38½ May 31	34 Jan 2	41¾ Feb 19
153,000	1st cons M 3⅛s ser G 2000	J-J	33½	Sale	35	36⅛	37¾	Sale	35 May 7	37¾ May 31	33½ Jan 2	41¼ Feb 14
434,000	△5s income deb Jan 1 2020	A-O	12¾	Sale	14¼	Sale	16	Sale	13½ May 6	16½ May 28	12¼ Jan 2	19⅜ Feb 11
----	Ohio Div 1st M 3¾s 1971	A-O	71½	--	--	--	--	--	-- ------	-- ------	76 Feb 6	76 Feb 6
8,000	Family Finance Corp 5s 1981	M-S	--	104	104⅛	--	102½	--	102⅝ May 28	102⅝ May 28	102⅛ Jan 29	104⅛ Apr 15
	Fansteel Metallurgical Corp—											
139,000	4¾s conv subord debs 1976	A-O	106⅝	109⅞	106½	Sale	105½	Sale	105 May 23	107 May 22	105 May 23	114 Feb 19
4,000	Federal Paper Board 5s 1981	M-N	--	103½	--	103⅜	103½	--	103½ May 14	103½ May 14	101 Jan 11	103½ Apr 18
	Firestone Tire & Rubber—											
----	2⅝s debentures 1972	J-J	88⅛	--	88¼	--	88¼	90	-- ------	-- ------	88¼ Apr 23	89¼ Jan 24
37,000	3¼s debentures 1977	M-N	90	--	91½	--	--	--	91⅝ May 29	92½ May 14	90 Jan 7	92½ May 14
3,000	Flintkote Co 4½s conv 1980	A-O	102	--	104	Sale	103	--	103 May 3	104 May 1	102 Jan 11	104 Apr 15
	‡Florida East Coast—											
266,000	△1st mtge 5s series A 2011	J-J	72¾	Sale	71	Sale	74¼	Sale	70½ May 6	75¼ May 29	70⅛ Apr 3	79 Feb 15
	2nd mortgage 5½s conv											
196,000	income series A 2011	J-J	32⅛	33½	32½	34	37½	Sale	32 May 2	38¾ May 31	30⅝ Feb 12	40 Feb 18
	Food Fair Stores Inc—											
421,000	4s conv subord debs 1979	A-O	94	Sale	99⅞	Sale	99½	Sale	99½ May 1	100⅜ May 23	93¾ Jan 3	101 Feb 4
16,000	Foremost Dairies 4½s 1980	J-J	91½	94⅝	93	97	91½	93	93 May 28	93½ May 6	91½ Jan 3	95 Apr 10
	Fort Worth & Denver Ry Co—											
----	1st mortgage 4⅜s 1982	M-N	--	85	--	85	--	85	-- ------	-- ------	-- ------	-- ------
	Gardner-Denver Co—											
13,000	4¼s conv subord debs 1976	A-O	129	--	122	--	150	--	149½ May 13	151 May 15	128 Feb 20	151 May 15
	Gen Amer Oil Co of Texas—											
251,000	4¾s conv subord debs 1984	M-N	112	Sale	111	Sale	111½	Sale	110 May 9	112½ May 6	108 Mar 14	114 Jan 3
	Gen Amer Transportation—											
1,000	4s conv subord debs 1981	M-N	165	--	175	--	176	--	186 May 21	186 May 21	170 Feb 1	186 May 21
	General Cigar Co—											
43,000	5½s cum inc sub debs 1987	J-D	103½	104	103	104	103½	104	103 May 7	104 May 10	101 Apr 15	105⅛ Jan 24
249,000	Gen Electric 3½s debs 1976	M-N	94¼	Sale	95¼	Sale	95¼	Sale	94¾ May 1	95¾ May 10	94¼ Jan 2	96 Feb 1
48,000	General Foods Corp 3⅜s 1976	J-J	92½	--	92½	94¼	91¾	93	91 May 20	92½ May 13	91 May 20	94¼ Apr 23
	General Motors Accept Corp—											
1,407,000	2¾s debentures 1964	J-J	98⅝	Sale	98¾	Sale	99	Sale	98⅝ May 6	99¼ May 15	98½ Jan 2	99¼ Feb 14
192,000	3s debentures 1969	J-J	93½	94¾	94⅛	Sale	94	Sale	93¼ May 27	94½ May 14	93¼ May 27	95½ Feb 5
299,000	3½s debentures 1972	M-S	94⅝	Sale	94¼	Sale	94	Sale	93¾ May 21	95⅛ May 9	93½ Apr 24	96 Jan 9
369,000	3⅜s debentures 1975	M-S	93⅝	Sale	93⅜	93½	93¼	Sale	92¾ May 29	93⅞ May 9	92⅝ Apr 18	95¾ Jan 18
94,000	5s debentures 1977	F-A	105⅝	Sale	106¼	Sale	105¾	Sale	105¾ May 20	106⅜ May 7	105½ Jan 24	106⅞ May 7
751,000	4s debentures 1979	M-S	97¾	Sale	97½	Sale	97¼	Sale	97 May 22	98 May 7	96⅞ Apr 16	98⅞ Jan 18
238,000	5s debentures 1980	M-S	106¼	Sale	106¼	Sale	106	Sale	105⅝ May 1	106¼ May 1	104¾ Feb 28	106¼ Jan 2
63,000	5s debentures 1981	M-S	106½	107	106	Sale	106	107	105⅞ May 1	107 May 14	105⅜ Feb 4	107 Apr 10
177,000	4⅝s debentures 1982	M-S	104	Sale	103	Sale	103¾	Sale	103 May 1	104 May 9	102¾ Apr 10	104⅝ Mar 7
308,000	4⅝s debentures 1983	M-S	104	Sale	103⅛	103½	103	Sale	103 May 6	103⅞ May 9	102¾ Apr 11	104½ Jan 3

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Sales in May Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY — May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
115,000	Gen Motors Corp 3¼s 1979	J-J	91½	Sale	93½	Sale	93½	93⅞	93½ May 1	94½ May 20	91¼ Jan 7	94½ May 20
----	General Shoe 3.30s debs 1980	M-S	82½	--	82½	--	82½	--	-- ------	-- ------	-- ------	-- ------
	General Telephone Corp—											
188,000	4s conv debentures 1971	M-N	146	Sale	158	Sale	157	160	157⅛ May 27	161½ May 14	144 Jan 2	161½ May 14
453,000	4½s conv debentures 1977	J-D	148¾	Sale	165	Sale	162¼	163½	162 May 8	168 May 15	148¼ Jan 2	168 May 15
	General Time Corp—											
191,000	4¾s conv subord debs 1979	F-A	89	Sale	92¼	Sale	92	Sale	91½ May 10	94 May 22	87 Mar 18	94 May 22
4,000	General Tire & Rub 4¾s 1981	A-O	101⅜	--	101⅜	--	101⅜	--	101⅜ May 15	101⅜ May 15	101⅜ Apr 18	101⅜ Apr 18
1,000	Gimbel Brothers Inc 5s 1981	J-D	104¼	--	105	--	105	--	105 May 27	105 May 27	104¼ Jan 31	106 Apr 16
----	Glidden Co 4¾s debs 1983	M-N	103	Sale	103	104¼	103	104¼	-- ------	-- ------	103 Jan 2	103¾ Mar 5
36,000	Goodrich (B F) Co 2¾s 1965	M-N	97¾	98⅝	97¾	98¼	97⅞	98¼	97¾ May 13	98⅛ May 15	97½ Jan 24	98½ Jan 22
12,000	4⅝s s f debentures 1985	M-N	103½	--	103¾	104¾	103½	105¼	103½ May 20	103¾ May 16	103½ May 20	105¼ Mar 15
	Grace (W R) & Co—											
925,000	3½s conv subord debs 1975	M-N	166	Sale	178	Sale	197¾	Sale	175¼ May 1	198¼ May 29	153½ Mar 1	198¼ May 29
	Grand Union Co—											
130,000	4⅛s conv subord debs 1978	J-J	96⅜	Sale	103	Sale	104	106	102¼ May 2	105 May 27	95 Jan 7	105 May 27
16,000	Grant (W T) Co 4¾s 1987	J-J	--	104¾	104¼	105¼	103¾	104¾	104¼ May 18	104½ May 17	104⅛ Mar 19	104¾ Jan 3
	Great Northern Ry—											
63,000	Gen mtge 5s series C 1973	J-J	105	Sale	106	Sale	106¾	Sale	106 May 1	107½ May 27	105 Jan 2	107½ May 27
20,000	Gen mtge 4½s ser D 1976	J-J	100	103	--	99⅞	101⅛	103	99⅞ May 8	101⅛ May 27	99⅞ May 8	103 Jan 24
15,000	Gen mtge 3⅛s ser N 1990	J-J	73¾	Sale	75⅛	77	75¼	76¼	75⅛ May 2	75½ May 17	73¾ Jan 2	77 Apr 3
1,000	Gen mtge 3⅛s ser O 2000	J-J	68	--	71⅛	73½	72½	74	72½ May 20	72½ May 20	68 Jan 3	72½ May 20
23,000	Gen mtge 2¾s ser P 1982	J-J	71½	--	75¼	76¾	77	Sale	75¼ May 8	77 May 31	71½ Jan 22	77 May 31
16,000	Gen mtge 2⅝s ser Q 2010	J-J	55½	--	57⅛	60	58⅛	60	57⅛ May 16	58½ May 27	56⅛ Jan 4	58½ May 27
	Great Western Financial—											
361,000	5s conv subord debs 1974	J-D	142½	Sale	163	Sale	163	Sale	152 May 27	170 May 9	134 Feb 28	182½ Apr 15
	Gulf Mobile & Ohio RR—											
18,000	Gen M inc 5s A July 2015	Apr	78¼	82½	84	85	88½	Sale	84⅜ May 13	88½ May 31	81 Jan 15	88½ May 31
100,000	Gen M inc 4s B Jan 2044	Apr	65	65¾	71	Sale	73¼	Sale	71 May 1	74 May 29	65¾ Jan 2	74 May 29
2,000	1st & ref 3⅜s ser G 1980	M-N	86⅛	--	86⅛	--	86⅛	--	86⅛ May 23	86¾ May 27	86⅛ Apr 29	86¾ May 27
163,000	△5s inc debs ser A 2056	J-D	73	Sale	83	Sale	87¾	Sale	83 May 1	87¾ May 31	73 Jan 2	87¾ May 31
----	Gulf States Util 2⅝s 1976	M-N	--	--	78	--	78	--	-- ------	-- ------	79⅛ Apr 10	79⅛ Apr 10
----	1st mortgage 3s 1978	A-O	84¾	--	85¼	87¼	85¼	87¼	-- ------	-- ------	-- ------	-- ------
----	3s debentures 1969	J-J	92	--	92½	--	92½	--	-- ------	-- ------	92½ Jan 16	93 Jan 15
----	1st mortgage 2¾s 1979	J-D	79	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	1st mortgage 2¾s 1980	J-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	1st mortgage 3⅜s 1981	M-N	83½	--	--	--	--	--	-- ------	-- ------	84 Apr 15	84 Apr 15
----	1st mortgage 3⅛s 1982	J-D	84	--	--	84	80	84	-- ------	-- ------	-- ------	-- ------
----	1st mortgage 3⅜s 1983	J-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	Hackensack Water 2⅝s 1976	M-S	79¼	--	79½	--	79½	--	-- ------	-- ------	79¼ Jan 14	79¼ Jan 14
	Haloid Xerox Corp—											
505,000	4½s conv subord debs 1981	M-N	167	Sale	184	Sale	212	Sale	182 May 6	212 May 31	152 Jan 24	212 May 31
	Hertz Corporation—											
----	4s conv subord debs 1970	J-J	--	--	280	--	--	--	-- ------	-- ------	-- ------	-- ------
4,000	Hocking Valley 1st 4½s 1999	J-J	95¼	--	99	100	99	100	98 May 13	100 May 3	95½ Jan 15	100 Apr 30
	Hooker Chemical Corp—											
246,000	5s conv subord debs 1984	M-S	115	120	116½	Sale	117¼	Sale	116½ May 1	119 May 13	115 Mar 7	119 May 13
	Hotel Corp of America—											
1,000	6s conv coll tr debs 1972	J-J	87	94⅞	89	93¾	90	92	90 May 28	90 May 28	87 Jan 16	94 Jan 25
7,000	Household Finance 2¾s 1970	J-J	90⅞	--	91¼	--	91¼	--	91¼ May 2	91⅜ May 29	90⅞ Jan 3	91¾ Apr 22
4,000	4⅛s debentures 1968	M-S	--	101	100	101	100	--	100 May 20	100 May 20	100 Jan 17	101 Mar 26
105,000	4s s f debentures 1978	J-D	96¾	97¼	97	Sale	96¾	97½	96¾ May 2	97⅞ May 23	96¾ Apr 30	99 Jan 31
7,000	4⅝s s f debentures 1977	J-J	102½	Sale	--	102⅞	--	102¾	102 May 9	102⅞ May 21	102 Feb 7	103¾ Mar 8
2,000	4⅝s s f debentures 1984	J-J	102¼	103½	--	--	102	--	102 May 27	102 May 27	102 May 27	104⅛ Mar 14
11,000	5s s f debentures 1982	J-J	104	--	104	--	104	105	104 May 17	105 May 17	104 Jan 14	105 Apr 4
17,000	4⅞s s f debentures 1981	J-J	--	105⅝	--	--	--	104⅞	104⅞ May 15	105¼ May 15	103½ Jan 28	105¼ May 15
20,000	4⅜s debentures 1987	J-J	--	--	100	100½	99⅝	100⅛	99⅛ May 24	100⅛ May 16	99⅛ May 24	101⅝ Mar 12
	Hunt Foods & Industries—											
1,073,000	4⅜s conv subord debs 1986	J-J	101¾	Sale	97¾	Sale	105¼	Sale	97½ May 2	105¼ May 31	97½ May 2	105¼ May 31
27,000	Illinois Bell Tel 2¾s ser A '81	J-J	--	82½	80⅝	Sale	81¾	--	85⅝ May 1	81¾ May 28	80½ Apr 22	82½ Mar 22
25,000	1st mtge 3s series B 1978	J-D	86	87	85¾	--	85⅜	86¼	85¼ May 6	86¼ May 20	85 Apr 19	87 Jan 8
	Illinois Central RR—											
----	Cons mortgage 3¾s A 1979	M-N	85⅛	--	85⅜	--	85⅜	--	-- ------	-- ------	86 Mar 18	86 Mar 18
----	Cons mortgage 3¾s B 1979	M-N	85⅛	--	85⅛	--	85⅛	--	-- ------	-- ------	85⅜ Feb 20	85⅜ Feb 20
----	Cons mtge 3¾s ser C 1974	M-N	86½	Sale	88	--	88	--	-- ------	-- ------	86½ Jan 2	88 Apr 22
----	Cons mtge 3¾s ser F 1984	J-J	82	--	82	--	82	--	-- ------	-- ------	-- ------	-- ------
10,000	1st mtge 3¼s series G 1980	F-A	79	--	80	82	82	--	82 May 23	82 May 23	79⅝ Feb 6	82 May 23
5,000	1st mtge 3⅜s series H 1989	M-S	74¾	--	75⅞	--	76	--	76 May 15	76 May 15	74¾ Jan 8	76 May 15
5,000	3½s s f debentures 1980	J-J	79⅛	--	79⅛	--	79⅝	--	82¾ May 20	82¾ May 20	79⅛ Mar 14	82¾ May 20
	Indianapolis Union Ry Co—											
----	2½s series C 1986	J-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Inland Steel Co—											
----	3¼s conv debentures 1972	M-S	175	--	180	220	188	230	-- ------	-- ------	192 Mar 7	192 Mar 7
----	1st mtge 3.20s series I 1982	M-S	87½	--	88½	94	88½	--	-- ------	-- ------	87½ Jan 24	88½ Mar 25
5,000	1st mtge 3½s series J 1981	J-J	91	--	91½	92¾	91½	--	91⅝ May 14	91⅝ May 14	91½ Mar 15	91¾ Jan 30
95,000	1st mtge 4⅜s series K 1987	J-J	102½	Sale	101⅜	Sale	100¾	101¾	100⅞ May 17	101⅝ May 15	100⅝ Apr 19	103 Feb 1
15,000	1st mtge 4½s series L 1989	F-A	102½	104	102⅜	Sale	102⅝	--	102¼ May 10	102¾ May 6	102¼ Apr 25	104 Jan 14
	International Harvester Credit											
13,000	4⅝s debs series A 1979	M-N	103⅛	--	--	104½	--	104	102½ May 16	103 May 20	102½ May 16	104⅝ Mar 15
11,000	4¾s debs series B 1981	F-A	104⅛	Sale	103¾	--	103¾	106	103¾ May 16	104½ May 2	103½ Feb 1	105 Apr 1
281,000	4⅝s sub debs 1988	M-S	--	--	103⅛	Sale	103⅜	Sale	102⅞ May 1	103¾ May 8	102¾ Apr 25	103¾ Apr 3
	Internatl Minerals & Chem—											
764,000	3.65s sub debs (conv) 1977	J-J	101½	Sale	109¼	Sale	113	Sale	109 May 2	113½ May 24	101 Jan 9	113½ May 24
	International Silver Co—											
145,000	5s conv subord debs 1981	F-A	128	Sale	136	Sale	135	138	135 May 7	138 May 28	128 Jan 2	148 Jan 25
	International Tel & Tel—											
141,000	4⅞s conv subord debs 1983	M-N	225	234	255⅞	Sale	250	253	253 May 29	266 May 9	233 Mar 21	266 May 9
26,000	4.90s s f debentures 1987	A-O	104⅛	Sale	103	104	102⅞	104	102¾ May 9	104 May 3	102¾ May 9	104½ Apr 2
	Interstate Dept Stores—											
784,000	4⅝s conv subord debs 1981	F-A	120	124	144	Sale	146½	Sale	140 May 7	152¾ May 22	118⅛ Mar 1	152¾ May 22
	Interstate Oil Pipe Line—											
7,000	3⅛s s f debs series A 1977	M-S	88	--	89	--	89⅞	--	89 May 7	89⅞ May 28	88 Feb 15	89⅞ May 28
----	4¼s s f debentures 1987	J-J	100	101½	101	--	101	--	-- ------	-- ------	100⅞ Mar 29	101½ Jan 16
----	Interstate Power Co 3¾s 1978	J-J	--	--	--	--	--	--	-- ------	-- ------	92½ Mar 13	92½ Mar 13
2,000	1st mortgage 3s 1980	J-J	--	--	--	--	--	--	75 May 22	75 May 22	75 May 22	75 May 22
	I T E Circuit Breaker—											
79,000	4¼s conv subord debs 1982	A-O	95	Sale	93¾	Sale	94¼	Sale	93¾ May 1	95 May 10	93 Apr 24	96 Jan 28
18,000	Jersey Cent P & L 2⅞s 1976	M-S	85	--	85⅛	--	84½	--	84½ May 17	85⅛ May 2	84 Feb 4	85⅛ Apr 3
1,000	Joy Manufacturing 3⅝s 1975	M-S	89	--	91¼	--	91¼	--	91¼ May 27	91¼ May 27	90 Jan 16	91¼ Feb 8
----	Kanawha & Mich Ry 4s 1990	M-S	70¼	--	--	--	70	--	-- ------	-- ------	-- ------	-- ------
3,000	Kansas City Pr & Lt 2¾s 1976	A-O	85	86¼	85½	--	85½	--	85½ May 28	85½ May 28	85½ May 28	86½ Mar 14
----	1st mortgage 2⅞s 1978	J-D	79	--	84½	--	84½	--	-- ------	-- ------	85½ Mar 14	85½ Mar 14
----	1st mortgage 2¾s 1980	J-D	80¾	--	80¾	--	80¾	--	-- ------	-- ------	-- ------	-- ------
	Kansas City Southern Ry—											
13,000	1st mtge 3¼s series C 1984	J-D	81	--	82	--	82⅜	83½	82 May 8	82⅞ May 14	81 Jan 14	83⅛ Apr 22
2,000	Kansas City Term Ry 2¾s '74	A-O	78	--	82⅛	83½	82½	83½	82⅜ May 17	82⅜ May 17	82⅜ May 17	83 Jan 30
2,000	Kentucky Central 1st 4s 1987	J-J	85⅛	91¼	81	91¼	81	--	82 May 28	82 May 28	82 Apr 18	82 Apr 18
3,000	Kimberly-Clark Corp 3¾s 1983	J-J	95⅝	100	95⅞	--	95⅞	--	95⅞ May 24	95⅞ May 24	95⅞ May 24	96⅛ Feb 18
7,000	4⅝s s f debentures 1986	F-A	104	105½	--	104¾	103½	104¾	103¼ May 22	103¼ May 22	103¼ May 22	104 Apr 25
----	Kings Co El Lt & Pwr 6s 1997	A-O	125½	--	125½	--	125½	--	-- ------	-- ------	125½ Mar 4	125½ Mar 4
27,000	Koppers Co 1st mtge 3s 1964	A-O	99	Sale	99	99¼	99	Sale	99 May 2	99⅛ May 13	98⅞ Jan 14	99⅛ Feb 12
	Lakefront Dock & RR Term Co											
----	1st s f 3⅞s series A 1968	J-D	--	91⅛	--	--	90	--	-- ------	-- ------	91⅛ Apr 25	91⅛ Apr 25
51,000	Lake Sh & Mich So 3½s 1997	J-D	59½	Sale	64⅝	Sale	67	Sale	63½ May 14	67 May 31	59½ Jan 2	67 May 31
	Lehigh Valley Coal—											
23,000	1st & ref 5s stamped 1974	F-A	98	100⅜	99¼	--	99¼	--	99¼ May 2	100 May 6	98 Jan 8	100½ Feb 5
	Lehigh Valley Harbor Term—											
110,000	1st mtge 5s extended 1984	F-A	63⅜	Sale	71¼	Sale	74½	Sale	70 May 8	74½ May 31	63⅜ Jan 2	74½ May 31
	Lehigh Valley Ry Co (N Y)—											
52,000	1st mtge 4*s extended 1974	J-J	61¾	63	70¾	Sale	72½	Sale	70⅛ May 13	82⅝ May 27	63 Jan 3	72⅝ May 27

For footnotes, see page 95.

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Sales in May Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY — May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
	Lehigh Valley RR Co—											
	Gen consol mtge bonds											
17,000	Ser A 4s fixed int__2003	M-N	49	49⅞	54¾	Sale	54¼	55⅜	54¼ May 29	55 May 2	50 Jan 4	55⅜ Mar 11
14,000	Ser B 4½s fixed int__2003	M-N	51	54½	59½	61	59½	60¾	59½ May 6	60⅞ May 22	54 Jan 9	62¼ Mar 26
7,000	Ser C 5s fixed int__2003	M-N	58⅜	Sale	65¼	Sale	65½	Sale	65¼ May 1	65½ May 31	58⅜ Jan 2	66¼ Mar 18
73,000	△Ser D 4s cont int_2003	May	35	37½	35	37	35⅛	Sale	34¼ May 13	35½ May 3	34¼ May 13	38¾ Jan 9
13,000	△Ser E 4½s cont Int_2003	May	36½	39½	37¾	40	37½	40	37½ May 9	37¾ May 6	37½ May 9	40½ Jan 28
4,000	△Ser F 5s cont int_2003	May	40⅛	44	40½	42½	40⅝	41¾	40¼ May 2	40¼ May 2	40¼ May 2	44 Jan 28
----	Lehigh Valley Term Ry 5s_'79	A-O	70	Sale	74¾	80	74¾	77	-- ------	-- ------	70 Jan 2	74¾ Apr 15
3,000	Lexington & Eastern 5s__1965	A-O	101	--	99	100½	99½	--	99¼ May 13	100½ May 8	99¼ May 13	101 Mar 25
	Libby McNeil & Libby—											
1,592,000	5s conv s f debs_____1976	J-D	113½	Sale	117½	Sale	119	Sale	115¼ May 13	120⅜ May 23	112¼ Feb 13	120⅜ May 23
	Ling-Temco-Vought Inc—											
1,826,000	5½s "conv" sub debs_1976	M-S	83¼	Sale	83¾	Sale	89	Sale	83½ May 1	89¾ May 24	80½ Apr 16	89¾ May 24
1,753,000	5½s subord debs wi___1976	M-S	--	--	--	--	79	Sale	74⅛ May 2	79½ May 28	74⅛ May 2	79½ May 28
1,112,000	4¾s conv sub debs wi_1976	M-S	--	--	--	--	105¼	Sale	100½ May 7	107¾ May 24	100½ May 7	107¾ May 24
	Lionel (The) Corp—											
408,000	5½s conv subord debs_1980	A-O	60½	Sale	60½	Sale	66¼	67	60¼ May 1	68 May 29	56⅞ Mar 1	68 May 29
	Litton Industries Inc—											
1,885,000	3½s conv subord debs__1987	A-O	110⅜	Sale	110⅝	Sale	118½	Sale	110½ May 1	119 May 31	104½ Mar 1	119 May 31
	Lockheed Aircraft Corp—											
226,000	3.75s conv subord debs_1980	M-N	226	Sale	230	237	220	--	226 May 22	238 May 9	208 Jan 24	238 May 9
23,000	4.50s debentures_____1976	M-N	96⅝	97	--	98½	98½	99	98⅛ May 9	99 May 29	96⅞ Jan 22	99 May 29
----	Lone Star Gas 4⅝s_____1982	A-O	--	103¼	--	--	--	--	-- ------	-- ------	103¼ Feb 8	103¾ Mar 15
----	4½s s f debentures____1987	A-O	--	--	100½	--	--	--	-- ------	-- ------	101⅛ Apr 4	102 Mar 22
	Long Island Lighting Co—											
4,000	1st mtge 3⅝s ser D___1976	J-D	90	--	90¼	--	90⅝	--	90⅝ May 7	90⅝ May 7	90⅝ May 7	93½ Feb 7
41,000	Lorillard (P) Co 3s debs__1963	A-O	99 5/16	--	99 7/16	Sale	99 17/32	Sale	99 7/16 May 1	99 17/32 May 23	99 5/16 Jan 7	99¾ Jan 11
----	3s debentures_____1976	M-S	84⅞	88	87¼	--	87¼	--	-- ------	-- ------	86¾ Feb 6	88¼ Mar 12
16,000	3¾s debentures_____1978	A-O	94	--	93⅞	Sale	94	--	93⅞ May 1	94 May 22	93½ Feb 11	94⅜ Apr 5
3,000	4⅞s s f debs_____1986	J-D	104⅛	105½	104	--	105	--	104 May 29	104 May 29	104 May 29	105½ Jan 21
	Louisville & Nashville RR—											
13,000	1st & ref M 3⅜s ser F_2003	A-O	71⅛	--	70⅛	72	69¼	72	70½ May 22	72 May 16	69⅜ Apr 3	72 May 16
5,000	1st & ref M 2⅞s ser G_2003	A-O	60½	70	62⅛	65	63	64⅝	65 May 9	65 May 9	60½ Jan 7	65 May 9
2,000	1st & ref M 3¾s ser H_2003	A-O	75⅜	--	77½	--	77½	--	77½ May 2	77½ May 2	75⅜ Jan 7	77½ Mar 20
1,000	1st & ref M 3⅜s ser I_2003	A-O	71	--	71	--	71	--	71 May 2	71 May 2	71 May 2	71 May 2
51,000	Coll trust 4⅞s_____1987	J-D	--	--	102½	103¼	--	102	101½ May 24	102½ May 2	99⅜ Feb 7	103¼ Apr 18
4,000	St Louis Div 2d gold 3s_1980	M-S	77¾	--	70½	--	71⅛	--	71 May 13	71 May 13	70⅛ Apr 22	72 Jan 29
----	Louisville Gas & El 2¾s__1979	M-N	--	--	78½	--	78½	--	-- ------	-- ------	78½ Apr 19	78½ Apr 19
----	1st mortgage 3⅛s_____1982	F-A	77¼	--	--	--	--	--	-- ------	-- ------	84⅛ Apr 8	84⅛ Apr 8
----	1st mortgage 3⅛s_____1984	F-A	79	--	81	--	81	--	-- ------	-- ------	79 Mar 12	79 Mar 12
5,000	1st mortgage 4⅞s_____1987	M-S	--	--	--	--	103½	--	103¼ May 9	103¼ May 9	103¼ May 9	103¼ May 9
----	1st mortgage 4⅞s_____1990	A-O	105½	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	MacAndrews & Forbes Co—											
4,000	5s conv subord debs___1987	F-A	101	--	102	--	103⅝	--	103 May 17	103¾ May 28	102¼ Mar 11	105 Feb 15
167,000	Mack Trucks Inc 5⅛s___1981	A-O	97½	98	100	Sale	101½	Sale	99¼ May 6	101½ May 27	97½ Jan 3	101½ May 27
----	Macy (R H) & Co 2⅞s__1972	M-N	88	--	91	--	91	--	-- ------	-- ------	88 Jan 15	91 Jan 29
83,000	5s conv subord debs___1977	F-A	173	189½	202	Sale	205	--	202 May 1	205 May 14	176 Jan 4	205 May 14
----	Macy Credit Corp 4¾s__1981	M-N	103½	--	--	103⅞	--	103⅞	-- ------	-- ------	104 Apr 8	104 Apr 8
14,000	Maine Central RR 5⅛s__1978	F-A	83	Sale	86½	87½	86	87½	86 May 14	87½ May 2	83 Jan 2	87½ May 2
44,000	Marathon Oil 4⅜s_____1987	A-O	99½	--	102¼	Sale	99½	102⅜	101⅝ May 27	102⅜ May 6	101⅜ Apr 4	103⅛ Mar 22
74,000	Martin Co 5½s ex war___1968	M-N	102	102¾	103	Sale	104¾	Sale	103 May 1	104¾ May 15	102 Jan 4	104¾ May 15
----	May Dpt Stores 2⅝s debs_'72	J-J	85	--	85	--	85	--	-- ------	-- ------	-- ------	-- ------
----	3¼s s f debentures____1978	F-A	88	--	88	--	88	--	-- ------	-- ------	-- ------	-- ------
5,000	3¼s s f debentures____1980	M-S	85¾	--	85¾	90	86¼	--	87 May 22	87 May 22	87 Apr 2	87 Apr 2
5,000	May Stores Realty 5s____1977	F-A	102	104¼	102	103¼	102½	103½	102⅛ May 13	102⅛ May 13	102 Apr 3	103½ Feb 27
	McCall Corporation—											
146,000	4¾s conv subord debs__1992	F-A	104⅛	Sale	106	Sale	111	112	106 May 1	112¾ May 20	100 Feb 18	112¾ May 20
2,194,000	McCrory Stores 5½s debs_1976	F-A	83½	Sale	79	Sale	81	Sale	73 May 7	83½ May 28	73 May 7	88½ Mar 7
	McDermott (J Ray) & Co—											
464,000	5s subord conv debs____1972	F-A	107	108½	110¼	Sale	112⅜	Sale	109⅜ May 15	113 May 22	106⅛ Jan 7	113 Feb 14
----	McKesson & Robbins 3½s__'73	M-S	91⅝	--	91⅝	--	93	--	-- ------	-- ------	-- ------	-- ------
5,000	4⅝s debentures_____1980	M-S	102	104	103⅜	Sale	102½	103⅜	103⅜ May 1	103⅜ May 1	102½ Mar 5	103⅜ May 1
	Merritt-Chapman & Scott—											
282,000	4½s conv subord debs__1975	J-J	79¾	Sale	84¾	85	83½	84¼	83⅛ May 10	85 May 2	78⅞ Jan 8	85¼ Apr 26
	Metropolitan Broadcasting—											
783,000	6s conv subord debs____1975	A-O	79½	80	163	Sale	174	Sale	160 May 7	181 May 20	116 Jan 7	181 May 20
11,000	Metropolitan Edison 2⅞s_1974	M-N	84	--	86¾	87	86¾	87	86¾ May 8	87 May 2	86¾ Apr 24	88 Jan 9
----	1st mortgage 2¾s_____1980	F-A	84	--	--	--	--	--	-- ------	-- ------	83½ Jan 9	83½ Jan 9
----	Michigan Bell Tel 3⅛s___1988	A-O	82	--	80½	83½	80½	82	-- ------	-- ------	80½ Apr 3	80½ Apr 3
5,000	4⅜s debentures_____1991	J-D	99¾	--	100	--	99¾	--	101 May 15	101 May 15	100½ Apr 23	102½ Jan 23
	Michigan Central RR—											
----	Ref & imp 4½s ser C__1979	J-J	82	--	86	--	86	--	-- ------	-- ------	82 Jan 3	86 Feb 6
66,000	Michigan Cons Gas 3½s__1969	M-S	96⅛	96⅞	96½	Sale	96¼	--	96 May 1	97¼ May 14	95⅛ Apr 8	98¼ Feb 15
----	1st mortgage 2⅞s_____1969	M-S	--	--	91	91½	--	--	-- ------	-- ------	-- ------	-- ------
----	1st mortgage 3⅜s_____1969	J-J	95½	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
12,000	3⅞s debentures_____1967	M-S	97	98½	96⅛	98½	98⅝	--	97½ May 20	99 May 21	96 Apr 26	99 May 21
	Minneapolis Honeywell Reg—											
19,000	3¾s s f debentures____1976	F-A	96½	97½	96¼	97	96¼	Sale	96¼ May 3	96½ May 15	96 Apr 30	97½ Jan 31
39,000	3.10 s f debentures____1972	A-O	92	--	91¼	95½	96¼	97	91¼ May 8	93 May 21	91¼ May 8	93 May 21
	Minneapolis & St Louis Ry—											
100,000	1st mortgage 6s_____1985	M-N	95¾	Sale	97	Sale	98½	Sale	97 May 1	98½ May 24	93½ Jan 21	98½ May 24
	Minn St P & S Ste Marie—											
14,000	1st M 4½s inc ser A_Jan 1971	May	81	Sale	87¾	89⅛	88⅝	89¼	87¾ May 3	89⅛ May 20	81 Jan 2	89⅛ Mar 20
279,000	△Gen M 4s inc A__Jan 1991	May	52	Sale	56½	Sale	59⅛	Sale	56¼ May 6	59¾ May 27	52 Jan 2	59¾ May 27
1,000	Minnesota Min & Mfg 2¾s_'67	A-O	93¾	--	93¾	--	93¾	--	93¾ May 23	93¾ May 23	93¾ May 23	94⅝ Apr 4
	Missouri-Kansas-Tex Ry Co—											
148,000	1st mortgage 4s_____1990	J-D	55¾	56½	63	Sale	64⅞	65⅛	62⅞ May 3	65⅛ May 27	57 Jan 3	65⅛ May 27
	Missouri-Kansas-Texas RR—											
1,000	Prior lien 4½s ser D__1978	J-J	66⅛	Sale	78½	79	--	--	79 May 13	79 May 13	66⅛ Jan 2	79 Mar 4
55,000	△Cum adj 5s ser A_Jan 1967	A-O	84¾	Sale	89	90	89⅝	90⅜	89¼ May 22	92 May 29	84¾ Jan 2	92 May 29
593,000	△5½s subord inc debs_2033	April	21¾	Sale	23⅝	Sale	24¼	Sale	23⅜ May 2	24⅞ May 10	21¼ Jan 31	26¾ Feb 18
	Missouri Pacific RR—											
541,000	4¼s series B_____1990	J-J	79	Sale	83⅞	Sale	86⅛	Sale	82½ May 7	86¾ May 29	78⅞ Jan 3	86¾ May 29
805,000	4¼s series C_____2005	J-J	77½	Sale	81	Sale	84½	Sale	80¼ May 2	84½ May 31	77 Jan 16	84½ May 31
953,000	△4¾s series A_____2020	April	68¼	Sale	72¾	Sale	74½	75⅜	71⅜ May 13	75½ May 21	67¾ Jan 2	76½ Feb 19
520,000	△4¾s series B_____2030	April	66	Sale	72½	Sale	73½	Sale	71 May 8	74½ May 21	65¾ Jan 2	74½ May 21
2,228,000	△5s income debs_____2045	April	63⅛	Sale	67½	Sale	71	Sale	66⅞ May 10	71 May 31	62¾ Jan 2	71¼ Feb 18
89,000	Mohawk & Malone 1st 4s_1991	M-S	56⅛	65¼	64	Sale	64½	66½	62⅜ May 13	66½ May 29	59 Feb 21	66½ May 29
	Monongahela Railway Co—											
----	△1st mtge 3¼s ser B__1966	F-A	93	--	95	--	95	--	-- ------	-- ------	95 Apr 17	95⅛ Apr 17
292,000	Monon RR 6s_____Jan 1 2007	April	22½	26¾	33⅜	Sale	40	Sale	33⅜ May 1	41 May 9	25⅛ Jan 4	41 May 9
	Montgomery Ward Credit Corp											
15,000	4⅞s debentures_____1980	J-J	--	105¼	104	--	104	105	104 May 7	104¼ May 6	103½ Jan 29	104¾ Mar 8
12,000	4¾s debentures_____1981	F-A	103¼	104⅛	--	104⅛	104½	Sale	104 May 13	104½ May 15	103⅛ Apr 3	104¾ Feb 1
21,000	5¼s subord debs_____1981	F-A	104¾	106	104¾	--	106	Sale	104⅛ May 14	106 May 31	104⅛ May 14	106 Apr 1
467,000	Morris & Essex 1st 3½s_2000	J-D	35½	Sale	38⅞	Sale	40⅝	Sale	38 May 9	41 May 22	35½ Jan 2	43⅞ Feb 14
	Mountain States Tel & Tel—											
----	2⅝s debentures_____1986	M-N	76¼	77¼	74½	--	--	--	-- ------	-- ------	74½ Apr 18	77¼ Jan 16
----	3⅛s debentures_____1978	A-O	85	--	85⅜	--	84⅜	--	-- ------	-- ------	85 Jan 18	85 Jan 18
	NAFI Corporation—											
403,000	5¼s conv subord debs__1980	M-S	78	Sale	84½	Sale	85	Sale	83⅝ May 2	86 May 21	77½ Jan 17	88 Apr 8
7,000	Nashville Chattanooga & St Louis 1st mtge 3s ser B 1986	F-A	69⅛	77	71	77	71	Sale	71 May 31	71¼ May 16	70 Mar 8	71¼ May 16
	National Airlines—											
1,007,000	6s conv subord debs___1976	M-N	162	Sale	198¼	Sale	193⅝	Sale	189 May 14	201½ May 1	149⅝ Jan 16	201½ May 1
	National Biscuit Co—											
77,000	4¾s subord debs_____1987	A-O	105¾	106½	106	107¾	105	Sale	105 May 31	106⅛ May 23	105 May 31	108⅜ Mar 14
19,000	Natl Cash Register 4¾s__1985	J-D	103½	105	103¾	105	103⅞	104⅞	103⅞ May 22	103⅞ May 22	103½ Jan 25	104¾ Jan 8
71,000	4⅜s s f debentures____1987	A-O	102½	103	101⅝	Sale	--	--	101½ May 17	101¾ May 3	101½ Feb 18	103 Jan 7
	National Cylinder Gas Co—											
72,000	5⅛s conv subord debs__1977	M-S	104½	Sale	106	Sale	107	Sale	105 May 2	108 May 24	104 Jan 4	108¼ Feb 4
39,000	Nat Dairy Prod 2¾s debs_1970	J-D	92	92⅞	91¼	92	91¼	--	91¼ May 3	91⅝ May 21	91 Feb 28	92½ Jan 31
13,000	3s debentures_____1970	J-D	93⅜	Sale	94½	--	94½	--	94½ May 3	94½ May 3	93⅜ Jan 2	95½ Feb 20
5,000	3⅛s debentures_____1976	J-D	91⅛	91½	91½	--	92	--	92 May 15	92 May 15	91⅛ Jan 4	92 Apr 4
60,000	4⅜s s f debentures___1992	M-S	102½	--	102½	Sale	100⅛	101½	101½ May 27	102½ May 1	101½ Apr 23	103⅞ Mar 11

For footnotes, see page 95

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Sales in May Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY — May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
10,000	National Dist & Chem 4¾s '83	M-N	101¾	Sale	102½	—	102⅞	Sale	102½ May 6	103¼ May 29	101⅝ Jan 9	103¼ Jan 30
20,000	Natl Distillers Prod 3⅜s 1974	A-O	89	—	89½	—	89½	92	89½ May 14	89½ May 14	89¼ Feb 8	89½ Apr 15
	National Lead Co —											
239,000	4⅜s subord debs 1988	A-O	—	—	—	—	100½	Sale	100½ May 27	100⅞ May 13	100½ May 27	100⅞ May 13
10,000	National Steel Corp 3⅛s 1982	M-N	86¼	—	87⅛	—	87¼	Sale	87¼ May 6	87¼ May 6	86¼ Jan 3	87¼ Feb 25
27,000	1st mortgage 3⅞s 1986	M-N	96	—	95	96¼	94½	96	95¼ May 6	95½ May 20	95 Apr 23	96¾ Feb 25
11,000	1st mortgage 4⅝s 1989	J-D	103¾	—	104¼	Sale	104	—	104 May 6	104¼ May 1	102⅞ Feb 15	104¼ Jan 7
	National Tea Co—											
391,000	3½s subord conv debs 1980	M-N	98½	Sale	103⅝	Sale	106½	Sale	103 May 3	107 May 23	98½ Jan 2	107 May 23
9,000	5s s f debentures 1977	F-A	102½	—	102	—	102	—	102 May 27	102 May 27	102 Mar 28	103½ Mar 18
	New England Tel & Tel—											
57,000	3s debentures 1982	A-O	83¼	—	82	84	82¼	Sale	82 May 29	82¾ May 27	82 Apr 10	85¼ Jan 11
----	3s debentures 1974	M-S	87⅞	90	—	—	—	—	— ------	— ------	88⅝ Apr 4	89 Mar 15
2,000	New Jersey Bell Tel 3⅛s 1988	J-J	80¾	82	—	83¾	—	83¾	83¾ May 22	83¾ May 22	82 Jan 9	83¾ May 22
1,000	N J Junction gtd 1st 4s 1986	F-A	68	—	69	—	69⅛	—	69⅛ May 22	69⅛ May 22	69 Apr 25	[illegible]⅛ May 22
3,000	New Jersey Pwr & Lt 3s 1974	M-S	87	—	86	88	—	—	86¼ May 24	86¼ May 24	84¾ Mar 8	88 Mar 13
----	New Orl Terminal 3¾s 1977	M-N	90	—	90	—	90	—	— ------	— ------	— ------	— ------
	New York Central RR—											
1,253,000	Cons 4s series A 1998	F-A	55½	Sale	61⅜	Sale	64⅝	Sale	60 May 6	65 May 29	55½ Jan 2	65 May 29
1,290,000	Ref & impt 4½s ser A 2013	A-O	59½	Sale	65⅞	Sale	70⅞	Sale	63¾ May 6	71 May 29	59½ Jan 2	71 May 29
1,712,000	Ref & impt 5s ser C 2013	A-O	65½	Sale	71¾	Sale	77½	Sale	70½ May 7	77¾ May 31	65½ Jan 2	77¾ May 31
194,000	Collateral Trust 6s 1980	A-O	88	Sale	93½	Sale	96¾	Sale	93½ May 1	96¾ May 29	88 Jan 2	96¾ May 29
	N Y Cent & Hudson River—											
131,000	Gen mortgage 3½s 1997	J-J	61¼	Sale	65	68	68⅛	Sale	65 May 2	68½ May 20	60⅝ Jan 29	68½ May 20
62,000	Lake Shore coll g 3½s 1998	F-A	53	Sale	54	55½	57	Sale	55 May 2	57¾ May 31	52½ Feb 5	57¾ May 31
104,000	Mich Cent coll g 3½s 1998	F-A	52¼	56	56⅞	Sale	59⅛	—	55¼ May 13	60 May 29	52¾ Apr 1	60 May 29
	New York Chic & St Louis—											
6,000	Ref mtge 3¼s ser E 1980	J-O	86½	—	86¾	—	86¼	—	86¾ May 2	86¾ May 2	86½ Jan 18	87 Jan 8
11,000	Ref mtge 3s ser F 1986	A-O	80¼	—	81¼	—	81¼	—	81¼ May 6	81⅝ May 16	80½ Jan 21	82 Apr 30
----	4½s inc debentures 1989	J-D	84⅝	88	90	—	88	95	— ------	— ------	88 Mar 19	90 Apr 19
90,000	N Y Connect'g RR 2⅞s B '75	A-O	59¾	Sale	69½	Sale	70	—	69½ May 1	70 May 15	59¾ Jan 2	70 May 15
4,000	N Y & Harlem gold 3½s 2000	M-N	84	—	84⅝	—	88	—	89 May 8	89 May 8	89 May 8	89 May 8
----	Mtge 4s series A 2043	J-J	68⅛	70¾	72⅛	—	72	—	— ------	— ------	70¾ Jan 7	71½ Feb 19
22,000	Mtge 4s series B 2043	J-J	69½	—	72⅝	—	73	—	73 May 17	73½ May 24	70 Jan 3	73½ May 24
32,000	N Y Lack & West 4s ser A 1973	M-N	43	45	50⅛	56	50	Sale	50 May 31	52½ May 17	43⅛ Jan 7	55⅛ Feb 18
116,000	Gtd 4½s series B 1973	M-N	46	47½	54½	56	52½	55⅛	52¼ May 3	55½ May 20	46⅛ Jan 14	58 Feb 15
	N Y New Haven & Hartf'd RR											
2,422,000	‡△1st & ref M 4s ser A 2007	J-J	16⅝	Sale	17⅜	Sale	19	Sale	16¾ May 8	79¼ May 27	16⅝ Jan 2	20⅞ Feb 14
257,000	‡△Gen mtge inc 4½s A 2022	May	6½	Sale	6¾	Sale	7	Sale	6⅜ May 9	7⅜ May 27	6⅜ May 9	8½ Feb 13
	Harlem Riv & Port Chester											
18,000	‡△1st mtge 4¼s ser A 1973	J-J	—	65½	51	54¼	50½	55½	50 May 15	51 May 6	50 May 15	54½ Apr 17
14,000	N Y Power & Lt 2¾s 1975	M-S	86	Sale	85¼	86	85¾	—	85½ May 14	86 May 2	85½ May 14	87¼ Jan 14
6,000	N Y & Putnam 1st gtd 4s 1993	A-O	55½	Sale	60	—	62¾	Sale	59¼ May 6	62¾ May 31	55½ Jan 2	62¾ May 31
----	N Y State El & Gas 2¾s 1977	J-J	—	84	—	—	79¼	—	— ------	— ------	82 Feb 1	82 Feb 1
	‡N Y Susquehanna & West'n											
----	Term 1st mtge 4s 1994	J-J	63⅞	—	65⅜	—	65⅜	—	— ------	— ------	64½ Jan 23	65⅜ Feb 25
----	1st & cons M 4s ser A 2004	J-J	57	59¾	63	66	63	66	— ------	— ------	59¾ Jan 11	65 Jan 31
94,000	△Gen mtge 4½s ser A 2019	May	29½	35	26	31½	27½	28¼	26 May 2	28½ May 23	25½ Apr 26	35½ Feb 13
14,000	N Y Telephone 2¾s ser D 1982	J-J	79⅞	80¾	79¾	Sale	80⅛	80¾	79¾ May 1	80¾ May 20	79¾ Apr 29	81¾ Feb 21
3,000	3⅛s series E 1978	F-A	86⅜	88	86½	87	—	87	87½ May 23	87½ May 23	86 Jan 21	87½ Jan 29
3,000	3s series F 1981	J-J	84¼	Sale	84¼	84¾	83⅝	84½	83⅝ May 22	83⅝ May 22	83⅝ May 22	84¾ Jan 3
----	3s series H 1989	A-O	80	81½	80	—	80⅞	—	— ------	— ------	80½ Jan 8	82 Feb 1
17,000	3⅜s series I 1996	A-O	—	86	81	85	83⅛	84¼	82½ May 13	84 May 23	81 Apr 30	84¼ Mar 25
49,000	4½s series J 1991	M-N	101⅞	Sale	103⅜	Sale	101¾	Sale	101¾ May 21	103⅜ May 1	101¾ May 21	104⅝ Feb 27
69,000	4⅛s series K 1993	J-J	98⅛	Sale	—	97	98½	Sale	96½ May 2	98¾ May 20	96½ May 2	99¼ Feb 13
	Niagara Mohawk Power Corp											
----	General mtge 2¾s 1980	J-J	77⅝	80	77½	—	77½	—	— ------	— ------	77½ Jan 15	81⅝ Mar 28
----	General mtge 2⅞s 1980	A-O	83	Sale	—	—	—	84¼	— ------	— ------	83 Jan 2	84¼ Feb 14
----	General mtge 3¼s 1983	A-O	85	87	85	86⅛	85¼	86⅛	— ------	— ------	86⅛ Jan 28	87¼ Mar 26
----	General mtge 3½s 1983	F-A	89¼	91¼	—	91¼	—	91¼	— ------	— ------	91 Jan 9	91 Jan 9
71,000	General mtge 4⅞s 1987	M-S	104½	Sale	105	105⅛	105	Sale	104 May 16	105½ May 24	104 Jan 7	106⅝ Mar 7
	Nopco Chemical Co—											
227,000	4¾s conv sub debs 1987	J-J	112½	115	112	Sale	114	Sale	112 May 1	115 May 29	112 Feb 28	120 Jan 7
20,000	Norfolk & Western 1st 4s 1996	A-O	94½	97	95	96½	94⅝	Sale	94⅝ May 24	96½ May 9	94⅛ Jan 7	97 Feb 20
	Northern Central Ry—											
1,000	Gen & ref 5s ser A 1974	M-S	88⅝	—	95⅛	—	95⅛	—	95⅛ May 2	95⅛ May 2	91 Apr 15	95⅛ May 2
----	Gen & ref 4½s ser A 1974	M-S	83¾	—	90½	—	90½	95	— ------	— ------	87 Jan 14	90½ Apr 26
	Northern Natural Gas Co—											
20,000	3⅝s s f debentures 1973	M-N	93	96	94⅝	95¼	95	97	94¾ May 6	95¼ May 10	93 Jan 17	96 Mar 8
16,000	3¼s s f debentures 1973	M-N	93¼	94¼	93⅛	—	93½	—	93⅛ May 6	93⅝ May 15	93⅛ Apr 17	94 Jan 4
14,000	3¼s debentures 1974	M-N	93	—	95	95¾	95⅛	—	95 May 16	95⅛ May 27	94½ Mar 18	96¼ Apr 9
6,000	4½s s f debentures 1976	M-N	100⅝	101⅜	99¼	—	100⅛	—	99¼ May 3	99¼ May 3	99¼ May 3	102 Feb 12
----	4⅝s s f debentures 1977	M-N	101	—	101	104	101	103⅞	— ------	— ------	102½ Jan 9	104½ Mar 4
9,000	4⅝s s f debentures 1978	M-N	102⅝	—	—	101¾	101¾	103	101⅝ May 15	102 May 17	101 Mar 5	103½ Jan 18
6,000	4⅞s s f debentures 1980	M-N	—	—	103½	104½	103½	104½	103½ May 27	104½ May 9	103 Jan 7	105 Feb 4
16,000	5⅛s s f debentures 1979	M-N	—	104⅞	104¾	—	104⅜	—	104⅜ May 2	104¾ May 2	103 Jan 8	104¾ May 2
15,000	4⅞s s f debentures 1981	M-N	102¼	106¼	104½	105½	—	—	104½ May 2	105½ May 17	104½ May 2	105½ Mar 13
17,000	4⅝s s f debentures 1981	M-N	103⅛	—	—	—	102½	Sale	102½ May 28	102½ May 28	102½ May 28	102¾ Feb 7
133,000	North'n Pac Ry prior lien 4s '97	Q-Jan	87⅜	Sale	89½	90½	89¾	90½	89½ May 2	90½ May 17	87¼ Jan 3	91 Apr 15
193,000	General lien 3s Jan 2047	Q-Feb	59⅛	Sale	61¼	Sale	62	Sale	61 May 1	62¼ May 31	59⅛ Jan 2	62½ Mar 26
165,000	Ref & impt 4½s ser A 2047	J-J	93⅝	Sale	95	Sale	95½	Sale	95 May 1	95⅞ May 2	93 Jan 2	98 Feb 18
6,000	Collateral trust 4s 1984	A-O	93⅝	94½	94⅛	—	94⅛	—	94⅛ May 17	94⅛ May 17	94 Jan 9	96 Feb 7
	Northern States Power Co—											
----	(Minn) 1st mtge 2¾s 1974	F-A	84	—	83	86	83	86	— ------	— ------	83 Jan 8	83 Jan 8
20,000	1st mortgage 2¾s 1975	A-O	86	Sale	85¼	89¾	—	85¾	85¼ May 7	85⅝ May 24	85 Jan 25	86½ Jan 9
----	1st mortgage 3s 1978	J-J	—	—	84	—	84	—	— ------	— ------	85¾ Mar 18	85¾ Mar 18
----	1st mortgage 2¾s 1979	F-A	77	83	80¾	83½	80¾	—	— ------	— ------	80 Jan 7	80 Jan 7
----	1st mortgage 3¼s 1982	J-D	87	—	85¾	—	85½	86¾	— ------	— ------	86⅞ Feb 7	86⅞ Feb 7
----	1st mortgage 3⅛s 1984	A-O	82	—	83½	86½	83	84¾	— ------	— ------	85 Jan 9	85 Jan 9
----	1st mortgage 4¼s 1986	M-S	97½	101⅝	97	98	97	98½	— ------	— ------	98⅝ Feb 8	100 Jan 17
10,000	1st mortgage 4s 1988	J-J	96	Sale	94½	95¾	94¼	95¾	95 May 24	95¾ May 23	94 Apr 15	97½ Jan 7
7,000	1st mortgage 5s 1990	J-D	104	Sale	103	—	103½	—	104 May 20	104 May 20	104 Jan 2	104¼ Feb 7
----	1st mortgage 4⅞s 1991	F-A	—	—	104	—	103½	—	— ------	— ------	103½ Feb 18	104 Jan 7
----	1st mortgage 4⅜s 1992	J-D	—	—	—	100½	—	100½	— ------	— ------	— ------	— ------
----	(Wisc) 1st mtge 2⅝s 1977	A-O	82¼	—	82¾	—	82¾	—	— ------	— ------	82¾ Apr 22	83¾ Feb 26
----	1st mortgage 3s 1979	M-S	80	—	80	—	83	—	— ------	— ------	— ------	— ------
3,000	1st mortgage 4⅝s 1987	J-D	102	104	—	—	102	—	102 May 3	102 May 3	101¾ Jan 11	104 Mar 6
	Northrop Corp—											
412,000	5s conv subord debs 1979	J-J	125½	Sale	132½	Sale	125	Sale	124 May 17	133 May 1	120⅛ Mar 27	134¼ Jan 14
----	Northwest'n Bell Tel 2¾s '84	J-D	77	—	75¼	—	75¼	—	— ------	— ------	75 Apr 8	77 Jan 21
----	3¼s debentures 1996	F-A	80¼	—	80¼	83	80¼	83	— ------	— ------	— ------	— ------
27,000	Ohio Edison Co 1st 3s 1974	M-S	87½	89½	88¾	Sale	88	—	88 May 3	88¾ May 1	88 Apr 16	91 Feb 12
----	1st mortgage 2¾s 1975	A-O	84½	Sale	85¼	—	84½	85½	— ------	— ------	84½ Jan 2	86½ Jan 14
----	1st mortgage 2⅞s 1980	M-N	84	—	—	—	—	—	— ------	— ------	— ------	— ------
----	Oklahoma Gas & El 2¾s 1975	F-A	84	86½	85¼	85¾	85½	86½	— ------	— ------	84½ Jan 8	86½ Jan 14
----	1st mortgage 3s 1979	J-D	—	—	—	—	—	—	— ------	— ------	— ------	— ------
----	1st mortgage 2⅞s 1980	M-N	—	—	—	—	—	—	— ------	— ------	— ------	— ------
----	1st mortgage 3⅜s 1982	M-S	85½	—	—	—	—	—	— ------	— ------	— ------	— ------
----	1st mortgage 3¼s 1985	J-D	—	—	—	—	—	—	— ------	— ------	— ------	— ------
----	1st mortgage 3⅞s 1988	J-D	—	95	—	—	—	—	— ------	— ------	— ------	— ------
6,000	1st mortgage 4½s 1987	J-J	103⅛	—	—	103	—	—	101 May 7	101 May 7	95 Jan 3	95 Jan 3
----	1st mortgage 4¼s 1993	M-S	—	—	98¾	99½	98¾	99¾	— ------	— ------	101 May 7	101 May 7
	Olin Mathieson Chemical Corp										99½ Apr 26	99½ Apr 26
395,000	5½s conv sbord debs 1982	M-N	113⅝	Sale	117	Sale	118	Sale	116½ May 1	119¼ May 13	113⅛ Jan 2	119¼ May 13
422,000	5½s conv subord debs 1983	M-S	113¼	Sale	117	Sale	117	Sale	116¾ May 1	119 May 13	113 Jan 2	119 May 13
3,000	Owens-Illinois Glass 3¾s 1988	J-D	92½	95	—	95	—	94¾	93½ May 21	93½ May 21	93½ May 21	95 Feb 20
	Oxford Paper Co—											
298,000	4¾s conv subord debs 1978	A-O	112	Sale	113½	Sale	112½	Sale	111½ May 15	113½ May 1	111 Jan 24	116½ Mar 15

For footnotes, see page 95.

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Sales in May Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY — May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
	Pacific Gas & Electric Co—											
	1st & refunding mortgage											
----	3½s series I ---1966	J-D	97¾	98½	95⅜	--	95¾	--	-- ------	-- ------	97 Feb 25	94½ Feb 7
18,000	3s series J ---1970	J-D	92⅞	--	91¾	--	91½	92¼	91½ May 14	92½ May 23	91½ May 14	94⅛ Jan 11
33,000	3s series K ---1971	J-D	92⅝	Sale	91½	Sale	91⅛	92	91½ May 1	92 May 3	91⅛ Apr 18	98½ Feb 8
131,000	3s series L ---1974	J-D	90	Sale	88¾	Sale	88¾	Sale	88⅝ May 3	89½ May 3	88½ Apr 15	91 Jan 16
75,000	3s series M ---1979	J-D	85½	86	84⅜	Sale	84½	Sale	84⅜ May 1	85⅛ May 20	84¼ Apr 25	86½ Mar 27
30,000	3s series N ---1977	J-D	87	87¼	86	87½	86¼	86¾	86 May 7	86¼ May 14	85 Apr 16	87½ Mar 14
11,000	2¾s series P ---1981	J-D	81	Sale	80½	82	81	82½	80½ May 6	81⅛ May 28	80½ May 6	82 Jan 21
11,000	2⅞s series Q ---1980	J-D	84	Sale	81⅞	--	81⅞	83¼	81⅞ May 8	82 May 13	81⅞ Apr 24	84¾ Jan 23
1,000	3⅛s series R ---1982	J-D	84¾	87	--	--	84⅞	--	84¾ May 15	84¾ May 15	84¾ May 15	84¾ May 15
15,000	3s series S ---1983	J-D	83	Sale	82¾	84½	82½	83⅞	82¾ May 3	83¾ May 20	82¾ Apr 19	83⅞ Feb 1
12,000	2⅞s series T ---1976	J-D	85⅝	87¼	85⅝	--	85½	--	85½ May 10	86 May 29	85½ Apr 18	86⅛ Mar 21
30,000	3⅜s series U ---1985	J-D	87⅞	Sale	86¼	88½	87	Sale	86⅜ May 6	87 May 22	86¼ Apr 10	88 Jan 23
15,000	3⅛s series W ---1984	J-D	85	--	83⅛	84½	83	84½	83 May 2	84 May 29	82 Mar 29	85½ Jan 21
	3⅛s series X ---1984	J-D	85	--	83⅜	83¾	83⅝	84½	-- ------	-- ------	83⅜ Apr 19	86 Jan 21
----	3⅜s series Y ---1987	J-D	86½	87¾	86	86⅝	85¾	Sale	85¾ May 10	86 May 10	85¾ May 10	88 Jan 24
52,000	3⅜s series Z ---1988	J-D	84½	--	83	85	85⅛	88	85 May 10	85⅛ May 13	85 Mar 27	85⅛ May 13
12,000	4½s series AA ---1986	J-D	102	--	101¼	102¼	102¾	Sale	101½ May 20	102¾ May 31	100⅛ Apr 15	104 Jan 30
32,000	5s series BB ---1989	J-D	105½	Sale	106	Sale	105½	--	106 May 1	106¾ May 21	104⅝ Apr 11	106¾ May 21
30,000	3¾s series CC ---1978	J-D	95¾	Sale	94¼	94½	94	95¼	94¼ May 2	95¼ May 24	94¼ Apr 29	97 Mar 12
119,000	4½s series DD ---1990	J-D	103	103¾	102	103	102⅞	Sale	101¾ May 8	102⅞ May 2	101¾ Apr 22	104 Apr 3
57,000	5s series EE ---1991	J-D	102	106	106	Sale	106¼	Sale	105 May 6	106⅜ May 16	104 Mar 6	106½ Feb 14
50,000	5⅝s series FF ---1992	J-D	103	Sale	--	103	103	105¼	102½ May 6	103½ May 8	102½ May 6	104½ Mar 25
18,000	4½s series GG ---1993	J-D	102¼	Sale	102⅜	--	101½	Sale	101½ May 31	103½ May 9	101½ May 31	104½ Mar 11
54,000	4⅞s series HH ---1994	J-D	102⅝	103⅜	100	100¾	100¾	101¾	100⅝ May 2	101¾ May 22	100⅝ May 2	103⅜ Jan 7
29,000	4¼s series II ---1995	J-D	--	--	99⅞	Sale	100	Sale	99⅞ May 1	100 May 7	99⅝ Apr 19	100⅝ Jan 16
162,000												
40,000	Pacific Tel & Tel 2¾s debs--'85	J-D	--	79⅝	77½	79⅜	77½	78½	77½ May 9	78¾ May 6	77½ Apr 22	80 Jan 9
5,000	2⅞s debentures ---1986	A-O	79½	--	78½	80½	80	--	77½ May 9	77½ May 9	77½ May 9	80¾ Jan 16
15,000	3⅛s debentures ---1987	A-O	--	83⅝	83½	Sale	81	82¾	81¾ May 21	83½ May 1	81¾ May 21	84¼ Mar 13
21,000	3¼s debentures ---1978	M-S	89	Sale	88	88½	87½	--	88⅛ May 13	88⅝ May 13	87¾ Apr 23	90 Jan 15
----	3⅛s debentures ---1983	M-S	85	87	--	87	--	87	-- ------	-- ------	85 Feb 18	87 Mar 26
----	3½s debentures ---1981	M-N	90	--	--	--	--	--	-- ------	-- ------	89 Feb 15	90¾ Mar 21
27,000	3⅝s debentures ---1991	F-A	91¼	--	--	90⅜	88¾	89⅞	88¾ May 10	89¼ May 17	88¾ May 10	91¾ Jan 28
86,000	4⅜s debentures ---1988	F-A	101¼	Sale	101¼	Sale	100	Sale	100 May 29	102¼ May 7	100 May 29	103 Feb 18
----	Pacific Western Oil 3½s--1964	J-D	85	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Pan Amer World Airways—											
4,209,000	4⅞s conv subord debs--1979	F-A	104¾	Sale	126	Sale	135	Sale	123¼ May 7	142½ May 29	104¾ Jan 2	142½ May 29
47,000	Pennsyl Pwr & Light 3s--1975	A-O	88¼	Sale	87⅝	Sale	87⅝	Sale	87½ May 16	88 May 13	87¼ Apr 15	89¼ Jan 16
	Pennsylvania RR—											
236,000	General 4½s ser A ---1965	J-D	100½	Sale	101	Sale	100⅞	Sale	100¾ May 1	101½ May 13	100 Jan 3	101½ Jan 24
145,000	General 5s ser B ---1968	J-D	101¼	Sale	102⅛	103	103	Sale	101¾ May 3	103½ May 27	101 Jan 3	103½ May 27
182,000	General 4¼s ser D ---1981	A-O	75	Sale	79½	Sale	81½	Sale	79 May 1	81½ May 22	74½ Jan 2	81½ Mar 14
192,000	Gen mtge 4¼s ser E ---1984	J-J	74	Sale	78¼	79¾	81	Sale	78¼ May 2	82 May 29	74 Jan 2	82 May 29
21,000	Gen mtge 3⅛s ser F ---1985	J-J	58¾	59¾	63½	66¼	65¼	66	63½ May 13	65¼ May 23	59 Jan 29	65¼ Apr 4
81,000	△Peoria & Eastn Ry 4s--1990	April	66⅞	68	70	70½	70⅛	71	69¼ May 6	70⅛ May 22	68 Jan 22	75 Mar 4
	Pere Marquette Ry Co—											
40,000	1st mtge 3⅜s ser D ---1980	M-S	89	--	90	91½	89⅛	91	89 May 14	90 May 2	89 May 14	91½ Mar 12
	Phila Balt & Wash RR—											
5,000	General 5s series B ---1974	F-A	99¼	100	101	--	101⅜	--	101⅜ May 9	101½ May 7	99 Jan 22	101½ May 7
----	General gold 4½s ser C--1977	J-J	83⅝	--	92½	--	92⅞	94⅞	-- ------	-- ------	84¾ Jan 7	92⅝ Apr 26
	Philadelphia Electric Co—											
15,000	1st & refunding 2¾s ---1971	J-D	90¼	90⅝	90½	Sale	89	90½	89½ May 2	90½ May 1	89 Apr 23	90¾ Jan 15
68,000	1st & refunding 2¾s ---1967	M-N	95⅛	95¾	95⅜	Sale	94⅞	Sale	94⅞ May 31	96 May 23	94⅞ May 31	96 Jan 21
23,000	1st & refunding 2¾s ---1974	M-N	--	--	86⅛	Sale	86	--	86⅛ May 1	86¾ May 2	83 Apr 17	86¾ Jan 30
3,000	1st & refunding 2¾s ---1981	J-D	80⅜	82	80½	81½	80½	81	81½ May 6	81½ May 6	80⅜ Feb 6	81½ May 6
9,000	1st & refunding 2⅞s ---1978	F-A	84⅛	86	82½	--	83¼	--	82¾ May 9	84 May 21	82 Mar 26	85⅝ Feb 26
25,000	1st & refunding 3¼s ---1982	J-J	85¾	--	87	Sale	86⅛	87⅛	85¾ May 13	87 May 1	85¾ May 13	87½ Feb 19
7,000	1st & refunding 3⅛s ---1983	J-D	--	84¼	84	--	84	84½	84 May 3	84 May 3	83½ Feb 26	84¼ Jan 9
29,000	1st & refunding 3⅛s ---1985	A-O	83	--	84½	Sale	83⅝	--	83¼ May 6	84½ May 1	82⅝ Feb 6	85¾ Apr 22
2,000	1st & refunding 4⅝s ---1987	M-S	103½	104½	102	104½	102½	103¼	102 May 3	102⅜ May 9	102 May 3	104 Jan 31
----	1st & refunding 3¾s ---1988	M-N	93¼	94	--	92¼	90	91⅞	-- ------	-- ------	92 Jan 18	94½ Mar 6
32,000	1st & refunding 4⅜s ---1986	J-D	102⅛	--	101⅛	101⅞	101	Sale	100¾ May 9	102 May 6	100 Apr 18	104 Feb 19
32,000	1st & refunding 5s ---1989	A-O	105¼	--	106⅝	Sale	106½	108⅛	106½ May 14	106⅝ May 1	105 Jan 3	106⅝ May 1
7,000	Phillip Morris Inc 4⅞s ---1979	J-D	103½	Sale	103	Sale	103½	--	103 May 1	104 May 7	102⅝ Apr 9	104¾ Jan 11
23,000	Phillips Petroleum 2¾s ---1964	F-A	99	102½	99	Sale	99	Sale	99 May 1	99 May 1	98⅝ Feb 5	99¼ Mar 20
1,521,000	4¼s conv subord debs--1987	F-A	114⅝	Sale	118¾	Sale	117¾	Sale	115¾ May 8	119½ May 22	112¼ Feb 28	119½ May 22
2,000	Pillsbury Co 4⅝s sf debs-1986	J-D	103¼	--	101½	104½	101½	104½	101¾ May 20	101¾ May 20	101¾ May 20	101¾ May 20
7,000	Pillsbury Mills 3⅛s debs--1972	J-D	93¾	--	93	94⅛	93	--	93¼ May 15	93¼ May 15	93¼ May 15	94⅛ Mar 11
	Pitts Bessemer & L Erie RR—											
2,000	1st mtge 2⅞s series A-1996	J-D	74½	--	74½	--	74½	--	75 May 2	75 May 2	75 May 2	75 May 2
	Pitts Cin Chic & St L Ry—											
16,000	Cons gtd 4½s ser I ---1963	F-A	99¾	--	99¾	--	99⅞	Sale	99⅞ May 15	99⅞ May 15	99⅞ May 15	99⅞ May 15
13,000	Cons gtd 4½s ser J ---1964	M-N	--	--	99¾	--	99⅞	--	99½ May 22	99¾ May 10	99¼ Jan 30	99¾ Jan 30
	Pgh Cinc Chic & St Louis RR											
48,000	General 5s series A ---1970	J-D	93	94	96	Sale	98⅞	99¾	96 May 1	99 May 21	94 Jan 3	99 May 21
30,000	General 5s series B ---1975	A-O	90⅛	--	95⅝	96⅛	96	--	95⅝ May 2	96⅜ May 29	91⅛ Jan 9	96⅜ May 29
23,000	Gen mtge 3⅜s ser E ---1975	A-O	71½	--	74¾	77	75	75⅛	74¾ May 8	75 May 8	71¾ Jan 9	75 May 8
8,000	Pgh Consolid'n Coal 3½s--'65	J-J	98¼	--	98⅝	--	98⅝	Sale	98⅝ May 10	99 May 29	98⅝ Jan 14	99¼ Feb 11
9,000	Pittsburgh Plate Glass 3s-1967	A-O	97⅛	--	97½	98	97⅝	--	97⅝ May 27	97⅝ May 27	97⅛ Apr 5	98 Jan 10
	Pittsburgh & West Virginia Ry											
----	3⅞s series A ---1984	M-S	--	--	70	78	70	--	-- ------	-- ------	-- ------	-- ------
	Pittsburgh Youngstown &											
	Ashtabula Ry—											
----	1st gen 5s ser C ---1974	J-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	1st 4½s series D ---1977	J-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
10,000	Planation Pipe Line 3¾s-1970	M-S	88¼	--	88¼	--	89	--	89 May 7	89 May 7	88¼ Jan 25	89 Apr 30
----	3½s s f debentures ---1986	A-O	88	--	88	--	88	--	-- ------	-- ------	-- ------	-- ------
	Potomac Electric Power—											
----	1st mtge 3¼s ---1977	F-A	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	1st mortgage 3s ---1983	J-J	76	--	--	84½	76	84½	-- ------	-- ------	83½ Mar 8	84 Apr 24
----	1st mortgage 2⅞s ---1984	M-N	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
32,000	Procter & Gamble 3⅞s--1981	M-S	96¼	97¾	95¾	98	96	Sale	95⅞ May 3	97 May 27	95¾ Apr 30	98 Feb 21
	Public Service E & G Co—											
582,000	3s debentures ---1963	M-N	99½	Sale	99⅝	Sale	99⅞	Sale	99 31/32 May 13	99 31/32 May 9	99½ Jan 2	99 31/32 May 9
17,000	1st & ref mtge 3¼s ---1968	J-J	95⅜	--	96	96⅝	94	--	95¾ May 8	96¾ May 16	95⅜ Jan 14	97 Feb 6
1,000	1st & ref mtge 5s ---2037	J-J	108	110¾	108⅜	--	109	--	108⅜ May 17	108⅜ May 17	108 Jan 18	108½ Feb 19
3,000	1st & ref mtge 8s ---2037	J-D	166	--	170⅛	--	165	170	170 May 22	170⅛ May 16	170 Feb 1	170⅛ May 16
----	1st & ref mtge 3s ---1972	M-N	86¾	--	--	--	91	92	-- ------	-- ------	90½ Feb 26	92 Jan 14
5,000	1st & ref mtge 2⅞s ---1979	J-D	83¾	--	83¾	--	83¾	--	83¾ May 22	84 May 20	83¾ May 22	85 Jan 11
21,000	3⅜s debentures ---1972	J-D	93¾	Sale	93¾	--	94⅜	--	94¼ May 8	94⅝ May 21	93¾ Jan 2	94⅝ May 21
15,000	1st & ref mtge 3¼s ---1983	A-O	86⅛	--	85½	86½	--	--	86¼ May 10	86¼ May 10	86¼ Apr 18	87½ Jan 7
43,000	3½s debentures ---1975	A-O	92½	--	92⅝	93½	93¾	--	92½ May 17	93¾ May 23	92¼ Mar 8	93¾ May 23
93,000	4⅝s debentures ---1977	M-S	101½	104	102½	Sale	103½	--	102½ May 1	104 May 15	102¼ Feb 8	105 Jan 31
----	Quaker Oats 2⅝s debs ---1964	J-J	98⅝	--	98⅜	99⅛	98⅝	99⅛	-- ------	-- ------	98⅛ Feb 27	98⅝ Jan 4
74,000	Reading Co 3⅛s ser D ---1995	M-N	45	Sale	51¾	Sale	54¾	Sale	51⅛ May 1	56 May 20	45 Jan 2	56 May 20
46,000	Republic Steel 4⅜s debs--1985	M-S	101¾	--	100⅞	101½	100⅞	101¾	100⅞ May 2	101¾ May 23	100⅞ May 2	102¾ Jan 11
5,000	Reynolds (R J) Tob 3s ---1973	A-O	89½	--	91	--	91¾	--	91¼ May 16	91¼ May 16	89½ Jan 9	91⅝ Mar 26
----	Rheem Mfg Co 3⅞s debs-1975	F-A	85	--	85¼	--	85	--	-- ------	-- ------	85 Jan 21	85⅝ Apr 4
	Richfield Oil Corp—											
865,000	4⅜s conv subord debs-1983	A-O	120	122⅛	131	Sale	129⅛	Sale	127½ May 15	132 May 3	122 Jan 3	136½ Apr 15
	Rochester Gas & Electric—											
----	4½s series D ---1977	M-S	--	--	100	--	100	--	-- ------	-- ------	100 Apr 26	100 Apr 26
4,000	Gen mtge 3¼s ser J ---1969	M-S	94	--	95	96	94¾	96	94¾ May 23	95 May 7	94¾ Feb 14	95¾ Jan 25
	Rohr Aircraft Corp—											
286,000	5¼s conv subord debs--1977	J-J	109¾	Sale	109¼	Sale	110½	Sale	107¾ May 9	110½ May 31	106 Mar 1	110½ May 31
	Royal McBee Corp—											
165,000	6¼s conv subord debs--1977	J-D	104	Sale	105	Sale	105½	Sale	104 May 6	106 May 29	102 Jan 2	106 May 29
----	Saguenay Power 3s ser A-1971	M-S	88½	--	90¼	--	90¼	--	-- ------	-- ------	90¼ Mar 29	90¼ Mar 29
----	St Lawr & Adirondack 5s-1996	J-J	61	69	68¾	--	69⅛	--	-- ------	-- ------	62¼ Jan 3	70½ Mar 18
4,000	2nd gold 6s ---1996	A-O	66⅛	71	74¼	--	74¼	--	74¼ May 14	74¼ May 14	66¼ Feb 1	74¼ May 14

For footnotes, see page 95.

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Sales in May Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY — May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
	St Louis-San Fran Ry—											
152,000	1st mtge 4s series A 1997	J-J	76½	Sale	80¼	Sale	82⅜	Sale	80 May 14	82½ May 27	76½ Jan 2	82½ May 27
372,000	△2nd inc M 4½s A Jan 2022	May	74⅛	Sale	76	78½	81½	Sale	76 May 2	81½ May 21	74 Jan 2	81½ May 21
4,000	1st mtge 4s series B 1980	M-S	72	—	69¼	84¼	84	85	83¼ May 8	83¼ May 8	83¼ May 8	84¼ Feb 14
507,000	△5s inc debs ser A Jan 2006	M-N	69¼	Sale	78	Sale	82	Sale	76¾ May 8	82 May 31	69¼ Jan 2	82 May 31
	St Louis Southwestern Ry—											
10,000	1st 4s bonds ctfs 1989	M-N	89	92½	91	—	91	—	91 May 15	91¼ May 7	89 Jan 7	92¼ Feb 11
----	2nd gold 4s inc bd Nov 1989	J-J	80¼	—	84¼	—	84¼	—	— ------	— ------	80¼ Apr 15	81 Apr 23
----	St Paul & Duluth RR 4s 1968	J-D	92½	97½	94½	97⅜	94½	97⅜	— ------	— ------	94⅛ Apr 10	94⅛ Apr 10
1,000	St Paul Un Dep 3⅛s ser B '71	A-O	85½	—	87⅝	—	87⅝	—	87⅝ May 8	87⅝ May 8	85½ Jan 29	87⅝ Mar 17
	Scioto Val & New Eng RR—											
----	1st guaranteed 4s 1989	M-N	90⅛	91	88	—	88¼	—	— ------	— ------	91 Jan 30	94⅝ Mar 27
989,000	Scott Paper 3s conv debs 1971	M-S	127	Sale	138	Sale	135	Sale	130¼ May 24	140 May 3	120½ Mar 19	141¼ Apr 26
5,000	Scovill Mfg 4¾s debs 1982	J-J	99	—	100	—	100	—	100 May 22	100 May 22	100 May 22	100 May 22
	Seaboard Air Line RR Co—											
----	1st mtge 3s series B 1980	M-N	79⅜	81	80⅛	—	80⅛	—	— ------	— ------	79⅜ Jan 9	80⅛ Jan 22
----	3⅞s s f debentures 1977	M-S	87	—	87¼	—	87¼	—	— ------	— ------	87¼ Feb 11	87¼ Feb 11
	Seaboard Finance—											
15,000	5¼s debentures 1980	J-J	103⅝	—	103½	—	103½	105⅜	103⅝ May 14	106⅛ May 24	102¼ Feb 20	106⅛ May 24
	Seagram (Jos E) & Sons—											
5,000	2½s debentures 1966	J-D	94⅞	96¾	96½	—	96¾	—	96¾ May 14	96¾ May 14	95¼ Jan 22	96¾ May 14
----	3s debentures 1974	J-D	86½	—	86½	—	86½	—	— ------	— ------	86¾ Apr 23	86¾ Apr 23
	Sears Roebuck Acceptance Corp											
125,000	4⅝s debentures 1972	F-A	102½	Sale	102⅞	Sale	103½	Sale	102 May 2	103½ May 9	102 May 2	104 Jan 15
31,000	4⅝s subord debs 1977	M-N	100¼	102½	102⅝	Sale	103½	Sale	102⅛ May 7	103½ May 15	101 Jan 23	103½ Feb 19
90,000	5s debentures 1982	J-J	106	107	106	Sale	106	107	105⅝ May 3	107 May 16	105 Jan 9	107 May 16
384,000	Sears Roebuck & Co 4¾s 1983	F-A	105⅜	Sale	105⅜	Sale	105½	Sale	105 May 6	105½ May 2	104½ Jan 8	105½ Apr 15
	Seiberling Rubber Co—											
88,000	5s conv subord debs 1979	J-J	78⅝	79	81½	82	85¼	Sale	81 May 2	86 May 23	78 Jan 30	86 May 23
----	Service Pipe Line 3.20s 1982	A-O	90⅞	—	92	—	92	93	— ------	— ------	90⅞ Jan 10	92½ Mar 7
32,000	Shell Oil Co 4⅝s debs 1986	F-A	105½	Sale	104¼	Sale	105	105¾	104¼ May 1	105 May 22	104⅛ Apr 15	105¾ Feb 19
46,000	Shell Union Oil 2½s debs 1971	A-O	90¼	91	89	89½	88¾	89⅛	88⅝ May 22	89⅛ May 2	88⅝ May 22	90½ Mar 20
	Sinclair Oil Corp—											
990,000	4⅜s conv subord debs 1986	J-D	101⅛	Sale	103½	Sale	104¼	Sale	103⅜ May 2	104¼ May 7	100⅝ Jan 3	104¼ May 7
12,000	Skelly Oil 2¾s debs 1965	J-J	99¼	—	99⅛	99⅞	99¼	99⅞	99⅛ May 9	99⅛ May 9	99⅛ Apr 16	99½ Mar 6
	Smith-Corona Marchant—											
187,000	5¼s conv subord debs 1979	J-J	102¼	Sale	103¾	Sale	101	101¾	100⅛ May 7	103¾ May 1	100 Mar 25	108 Jan 29
56,000	Socony-Vacuum Oil 2½s 1976	J-D	84⅛	85	83½	84½	85¼	Sale	83½ May 3	85¼ May 29	83 Jan 15	85¼ May 29
	Socony Mobil Oil Co Inc—											
130,000	4¼s debentures 1993	A-O	—	—	—	—	99⅞	Sale	99¾ May 28	100 May 28	99¾ May 28	100 May 28
13,000	South & Nor Ala gtd 5s 1963	A-O	100½	101	100	Sale	100	—	100 May 1	100 May 1	99⅝ Apr 26	100½ Jan 24
	Southern Bell & Tel & Tel—											
28,000	3s debentures 1979	J-J	86⅝	Sale	84½	84⅝	85	85½	84¼ May 2	86¼ May 15	82½ Apr 18	86¾ Jan 3
8,000	2¾s debentures 1985	F-A	77	80	77½	78½	77½	78¼	77⅜ May 24	78 May 23	77⅜ May 24	80¼ Jan 11
----	2⅞s debentures 1987	J-J	—	—	79½	—	79½	—	— ------	— ------	79½ Jan 22	79½ Jan 22
	Southern California Edison—											
3,000	3¼s conv debs 1970	J-J	218	—	222	—	226	—	231 May 13	235½ May 17	231 May 13	238 Jan 29
33,000	South'n Indiana Ry 2¾s 1994	J-J	56	60	63	65	65	—	62½ May 13	65 May 14	59 Feb 6	65 May 14
	Southern Natural Gas Co—											
6,000	4½s conv s f debs 1973	J-J	130	—	152	—	148	—	166⅜ May 6	166⅜ May 6	150 Jan 22	166⅜ May 6
	Southern Pacific—											
328,000	(Oregon Lines) 4½s 1977	M-S	99½	100¼	100½	Sale	100⅞	Sale	100¼ May 9	101¼ May 2	99¼ Jan 4	101¼ Feb 27
188,000	Gold 4½s 1969	M-N	103¼	Sale	102⅛	Sale	102	Sale	102 May 3	102¾ May 7	102 Jan 8	103¼ Jan 2
269,000	Gold 4½s 1981	M-N	97½	Sale	98	Sale	98⅝	Sale	97½ May 1	100 May 28	96 Jan 17	100 May 28
2,000	San Fran Term 3⅜s A 1975	J-D	86¾	—	86¾	—	86¾	87½	86¾ May 29	86¾ May 29	86¾ Jan 21	86¾ Jan 21
	Southern Pacific RR Co—											
----	1st mtge 2⅞s ser E 1986	J-J	74	—	75⅛	—	75½	—	— ------	— ------	74 Jan 23	76 Apr 15
5,000	1st mtge 2¾s ser F 1996	J-J	61	—	62⅛	63⅛	63	—	63⅛ May 23	63⅛ May 23	61 Jan 3	63⅛ May 23
15,000	1st mtge 5¼s ser H 1983	A-O	105⅛	—	105½	107	104¾	Sale	104¾ May 31	105½ May 2	104¼ Mar 1	107 Feb 7
39,000	Southern Ry 1st cons 5s 1994	J-J	105⅛	Sale	106	Sale	106½	107½	106 May 1	106½ May 24	105 Apr 2	108 Feb 25
20,000	1st mtge coll tr 4½s 1988	F-A	95⅝	—	97¼	—	98	—	97¼ May 1	98 May 1	97¼ May 1	98 May 1
6,000	Memphis Div 1st g 5s 1996	J-J	102½	—	100	—	103	—	102¾ May 3	104 May 15	100 Apr 15	104¼ Mar 12
----	New Orl & N'east 3¾s 1977	M-N	85	—	86	—	85	—	— ------	— ------	— ------	— ------
	Southwestern Bell Telephone—											
9,000	2¾s debentures 1985	A-O	80	85	77¼	79½	77⅜	Sale	77⅜ May 28	77½ May 9	77 Apr 17	81 Jan 9
----	3⅛s debentures 1983	M-N	84	—	83	86½	83	—	— ------	— ------	84½ Jan 25	84½ Jan 25
	Spiegel Inc—											
469,000	5s conv subord debs 1984	J-D	114	116	119	Sale	122	Sale	118 May 3	124⅞ May 17	110 Mar 6	124⅞ May 17
71,000	5¼s debentures 1983	A-O	103¾	Sale	104	105¼	104	104¾	104 May 3	105¼ May 13	103⅜ Jan 25	105¼ May 13
176,000	Standard Oil of Cal 4⅜s 1983	J-J	102½	Sale	101½	102½	102¼	Sale	101½ May 2	102⅞ May 9	101 Apr 18	103¼ Jan 3
	Standard Oil (Indiana)—											
35,000	3⅛s conv debs 1982	A-O	88⅛	—	88	88½	87½	88½	87½ May 29	88½ May 24	87½ May 29	90½ Jan 25
214,000	4½s debentures 1983	A-O	103⅞	Sale	102¼	103¼	103	Sale	102¼ May 2	103¼ May 3	102¼ Apr 29	104⅜ Jan 18
	Standard Oil Co (N J)—											
132,000	2⅝s debentures 1971	M-N	87½	88½	87⅞	Sale	88½	Sale	87⅞ May 1	88⅞ May 23	87⅜ Apr 24	89¼ Jan 30
116,000	2¾s debentures 1974	J-J	88	88½	88	Sale	87⅜	88	87½ May 15	88⅛ May 6	87½ May 15	89¼ Feb 7
	Standard Oil Co (Ohio)—											
93,000	4¼s s f debentures 1982	J-J	100½	—	100⅞	Sale	100	—	100 May 14	101¼ May 9	99⅛ Apr 18	101¼ May 9
11,000	Stauffer Chemical 3⅞s 1973	M-S	97⅝	—	97½	—	97½	98	97½ May 15	97⅝ May 17	97½ May 15	99 Jan 31
	Stokely-Van Camp Inc—											
261,000	4¼s conv subord debs 1982	M-S	95½	Sale	95¾	Sale	97¾	Sale	94 May 8	98½ May 28	94 May 8	100 Jan 24
34,000	Sunray DX Oil 4¼s debs 1987	M-N	100¾	101¼	100	100⅜	100½	Sale	100⅜ May 3	101½ May 16	99¼ Apr 22	101½ May 16
3,000	Sunray Oil Corp 2⅞s debs 1966	J-J	97½	—	98¼	—	98¼	—	98¼ May 2	98¼ May 2	97½ Jan 30	98¼ Mar 26
14,000	Superior Oil 3¾s debs 1981	J-J	95⅛	96	92	—	94⅞	95¼	94¾ May 17	95¼ May 17	94½ Apr 29	96 Mar 11
15,000	Surface Transit Inc 6s 1971	M-N	98¾	Sale	99⅛	100	100	Sale	99¼ May 2	100 May 2	98⅜ Jan 11	100 Feb 15
2,000	Swift & Co 2⅝s debs 1972	J-J	89¾	—	90	91¼	90	91¼	90 May 17	90 May 17	89¾ Jan 16	93 Apr 16
----	2⅞s debentures 1973	M-N	91	—	91½	—	91½	96¼	— ---- —	— ------	91¼ Jan 29	91¼ Jan 29
	Symington Wayne Corp—											
294,000	4¾s conv sub debs 1982	A-O	109	Sale	118	Sale	120	Sale	117 May 17	120½ May 31	109 Jan 3	124 Apr 17
	Talcott (James) Inc—											
9,000	5½s senior notes 1979	J-D	105	—	105¼	—	104⅞	—	104⅞ May 8	105¼ May 8	104⅞ May 8	105¼ May 8
205,000	5s capital conv notes 1979	J-D	155	160	155	Sale	140	Sale	138 May 27	157 May 1	138 May 27	169 Jan 18
----	5½% senior notes 1980	J-D	105½	—	105¼	—	105¼	—	— ------	— ------	104½ Mar 5	105½ Jan 8
62,000	Tandy Corp 6½s debs 1978	J-J	—	—	92	92⅞	92	92⅞	92 May 6	92⅞ May 17	91⅛ Feb 14	94½ Mar 4
	Term RR Assn of St Louis											
3,000	Ref & imp M 4s ser C 2019	J-J	81⅛	88	83	Sale	82¼	93	83 May 1	83 May 1	82¼ Feb 29	87 Mar 22
----	Ref & imp 2⅞s ser D 1985	A-O	79¼	80	78	—	79⅛	—	— ------	— ------	79 Apr 22	80 Feb 15
286,000	Texas Co 3⅝s debs 1983	M-N	93½	Sale	92	93	92½	93	92 May 2	93 May 14	92 Apr 15	94¼ Jan 24
111,000	Texas Corp 3s debs 1965	M-N	98⅝	Sale	98⅝	Sale	98½	Sale	98¼ May 24	99 May 21	98¼ Jan 4	99¼ Mar 11
	Texas & New Orl RR Co—											
16,000	1st & ref M 3¼s ser B 1970	A-O	88	—	89	91	89⅝	—	89⅜ May 10	89⅝ May 17	88 Jan 7	90½ Feb 19
2,000	1st & ref M 3⅜s ser C 1990	A-O	70	—	72¼	74	74¾	—	74 May 16	74 May 16	70¼ Feb 4	74 May 16
13,000	Texas & Pacific 1st g 5s 2000	J-D	92½	—	100⅛	—	100	—	100 May 13	101 May 14	92⅝ Jan 7	101 May 14
51,000	Gen & ref M 3⅞s ser E 1985	J-J	68	70½	79	—	79½	80½	77½ May 9	79⅞ May 20	70 Jan 4	80½ Apr 23
	Texas Pacific-Missouri Pacific											
4,000	Term RR of N O 3⅜s 1974	J-D	80	—	80⅝	—	80⅝	Sale	80⅝ May 31	80⅝ May 31	80 Mar 27	80⅝ May 31
127,000	Thompson Products 4⅞s 1982	F-A	114	Sale	116	119	115	117¾	115 May 24	119½ May 17	112 Apr 5	120 Apr 25
	Thompson Ramo Wooldridge—											
----	5¼s debentures 1986	J-J	103	—	104	—	103¼	—	— ------	— ------	104 Mar 4	105 Jan 15
17,000	Tidewater Oil 3½s 1986	A-O	87	Sale	87	88¾	87½	88¾	87⅜ May 6	87½ May 23	87 Jan 2	88¼ Apr 19
	Trans World Airlines—											
1,079,000	△6½s sub inc debs 1978	J-D	73¼	Sale	82⅜	Sale	87	Sale	82⅛ May 1	87 May 29	70½ Jan 23	87 May 29
20,000	Union Elec of Mo 3⅜s 1971	M-N	94⅝	95⅜	93½	—	94½	—	93¼ May 9	95⅛ May 29	93¼ May 9	95⅛ Feb 20
----	1st mtge & coll tr 2¾s 1975	A-O	84	—	85	86¾	—	85½	— ------	— ------	84½ Feb 6	85¼ Apr 16
----	3s debentures 1968	M-N	94⅛	—	94⅛	—	94⅜	—	— ------	— ------	94½ Apr 5	94½ Apr 5
----	1st mtge & coll tr 2⅞s 1980	J-D	78¼	85½	—	—	—	83½	— ------	— ------	83 Jan 18	83 Jan 18
7,000	1st mtge & coll tr 3¼s 1982	M-N	87	—	87	88¼	86	88¼	86 May 15	87 May 15	86 May 15	88⅛ Feb 27

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For footnotes, see page 95.

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New York Stock Exchange—Stocks

Monthly and Yearly Record

RANGE OF STOCK PRICES FOR MAY

Stock Sales—	1963	1962	Stock Sales—	1963	1962
May (Shares)	126,282,700	183,171,000	Jan. 1 to May 31 (Shares)	567,558,900	648,310,800

NOTICE—Cash and deferred delivery sales are disregarded in the month's range unless they are the only transactions of the month, and when selling outside of the regular monthly range are shown in a foot note in the month in which they occur. No account is taken of such sales in computing the range for the year.

Aggregate Sales in May Shares	Sales Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY — May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
9,300	31,000	Abacus Fund	1	40¼	Sale	42	42½	42⅛	43	41¾ May 16	42¼ May 9	39¾ Jan 7	42⅜ Apr 26
53,900	219,300	Abbott Laboratories	5	76¼	Sale	98	Sale	95⅝	Sale	90⅞ May 27	99½ May 2	72⅞ Jan 17	99½ May 2
118,000	361,100	A B C Vending Corp	1	13	Sale	13⅛	Sale	14	Sale	12⅞ May 8	14⅜ May 15	12¼ Mar 26	14⅝ Jan 14
37,500	209,900	ACF Industrial Inc	25	77	Sale	89¾	Sale	97	Sale	87½ May 7	97¼ May 31	74¾ Jan 4	97¼ May 31
13,700	82,100	Acme Markets Inc	1	71½	Sale	72½	Sale	71	Sale	71 May 8	73¾ May 24	68¼ Feb 28	80 Jan 15
62,600	235,800	Acme Steel Co	10	13¾	Sale	17½	Sale	18⅞	Sale	17⅛ May 7	18⅞ May 31	13¾ Jan 2	18⅞ May 31
20,700	126,600	Adams Express Co	1	25⅛	Sale	26⅝	Sale	26⅜	Sale	25¾ May 3	26¾ May 14	25 Mar 1	27 Jan 24
20,500	104,400	Adams-Millis Corp	*	12⅛	Sale	10¼	Sale	11¼	Sale	10 May 3	11¼ May 31	10 Apr 4	13⅞ Jan 24
215,800	542,800	Addressograph Multig	2.50	50¼	Sale	44½	Sale	51⅜	Sale	44⅛ May 6	51⅞ May 31	43⅜ Mar 18	54¾ Feb 6
179,200	517,800	Admiral Corp	1	11⅞	Sale	14⅝	Sale	17¼	Sale	14⅝ May 1	18¼ May 29	11¾ Jan 3	18¼ May 29
20,500	75,200	Aeroquip Corp	1	23½	Sale	22¾	Sale	24½	Sale	22⅝ May 1	25⅜ May 20	22¼ Mar 4	26¾ Jan 8
31,100	135,400	Air Control Products	50c	14¼	Sale	16⅛	Sale	17⅛	Sale	15½ May 8	17¼ May 31	14⅛ Jan 3	17¼ May 31
72,600	351,300	Air Products & Chemicals	1	63¼	Sale	58	Sale	66¾	Sale	57⅜ May 2	66¾ May 31	56 Apr 18	66¾ May 31
88,500	419,300	Air Reduction Inc	*	55⅛	Sale	57⅛	Sale	55⅞	Sale	54⅝ May 29	59⅜ May 9	54⅛ Jan 2	61¾ Apr 16
37,700	141,600	A J Industries	2	3¾	Sale	3½	Sale	3⅝	Sale	3⅜ May 6	3¾ May 10	3⅜ May 6	4⅛ Jan 14
13,900	49,100	Alabama Gas Corp	2	37⅛	Sale	36	Sale	37	Sale	35⅞ May 1	38¾ May 10	35 Feb 12	38¾ May 10
104,100	328,200	Alco Products Inc	1	19⅝	Sale	21⅞	Sale	23⅝	Sale	21⅞ May 1	25¼ May 24	19 Jan 3	25¼ May 24
167,500	562,100	Aldens Inc common	5	29	Sale	29⅜	Sale	28½	Sale	28½ May 31	31¾ May 21	26⅞ Mar 26	31¾ May 21
140	360	4½% preference	100	91½	Sale	91	93	92½	94½	91 May 3	93 May 20	91 Jan 9	93½ Jan 22
68,200	460,200	Alleghany Corp common	1	11¼	Sale	10⅛	Sale	10⅜	Sale	9⅞ May 7	10¾ May 15	9¾ Apr 4	13 Jan 11
14,000	98,600	6% conv preferred	10	34	Sale	33	Sale	32⅞	Sale	31 May 7	35⅓ May 15	31 May 7	42½ Jan 11
102,300	398,800	Allegheny Ludlum Steel	1	32¾	Sale	34⅞	Sale	38¼	Sale	34½ May 6	38¾ May 22	32¾ Jan 2	38¾ May 22
34,800	217,500	Allegheny Power System	5	48¾	Sale	51¼	Sale	49	Sale	48¾ May 31	51¼ May 1	47⅝ Jan 3	52¾ Jan 28
260	2,250	Alleg & West RR 6% gtd	100	93	Sale	100½	103	101¼	103	100½ May 9	102¾ May 20	93 Jan 2	103 Apr 2
24,300	80,000	Allen Industries Inc	1	19¾	Sale	25¾	Sale	27¼	27½	25½ May 3	29 May 9	19¾ Jan 2	29 May 9
205,200	1,157,200	Allied Chemical Corp	9	44⅛	Sale	50⅛	Sale	49¾	Sale	49 May 20	52 May 9	42¼ Mar 4	52 May 9
11,400	39,000	Allied Kid Co	5	13⅛	Sale	13¾	14	13¾	Sale	13¾ May 29	15⅛ May 6	13⅛ Jan 2	15⅛ May 6
8,400	34,800	Allied Mills Inc	*	40¾	Sale	43	Sale	45	Sale	42½ May 2	45¾ May 21	40 Jan 2	45¾ May 21
21,500	112,700	Allied Products Corp	5	7¼	Sale	8¼	Sale	8¼	8½	8⅛ May 6	8¾ May 9	7 Feb 15	9⅜ Mar 11
33,700	193,300	Allied Stores Corp com	*	49⅝	Sale	55⅜	Sale	52¾	Sale	51¾ May 29	57¾ May 13	49⅝ Jan 2	57⅞ Apr 18
690	4,210	4% preferred	100	88½	Sale	90	Sale	88	88¾	88 May 23	90¾ May 3	87½ Feb 15	91 Jan 17
58,700	257,500	Allied Supermarkets Inc	1	11⅞	Sale	13	Sale	12¾	Sale	12¾ May 31	13½ May 13	11⅞ Jan 2	13⅞ Jan 10
285,700	980,600	Allis-Chalmers Mfg com	10	14⅝	Sale	17⅝	Sale	19⅞	Sale	17⅝ May 1	20¼ May 23	14⅝ Jan 2	20¼ May 23
1,700	4,000	4.08% conv preferred	100	88½	89	91	94	94	94½	94½ May 9	95½ May 28	89 Jan 3	96 Apr 16
35,900	219,900	Alpha Portland Cement	10	16¾	Sale	18⅛	Sale	18⅜	Sale	17⅝ May 10	19⅛ May 21	16¼ Feb 28	19¼ Apr 16
74,800	201,600	Alside Inc	*	27	Sale	25¼	Sale	32¾	Sale	25 May 1	34 May 23	24¾ Apr 29	34 May 23
362,800	1,679,900	Aluminium Ltd	*	20⅛	Sale	26⅜	Sale	26¼	Sale	25⅜ May 27	27¾ May 9	20⅛ Jan 2	27¾ May 9
200,300	783,200	Aluminum Co of America	1	54⅝	Sale	58	Sale	63⅝	Sale	58 May 1	64⅞ May 16	51¼ Mar 22	64⅞ May 16
93,900	135,300	Amalgamated Sugar Co	*	23	Sale	26	Sale	28	Sale	26 May 1	37 May 21	20¾ Jan 7	37 May 21
19,700	113,900	Amerace Corp	12.50	22½	Sale	25½	Sale	25⅛	Sale	24⅜ May 7	25⅞ May 24	22½ Jan 2	26 Apr 29
82,300	699,100	Amerada Petroleum	*	113½	Sale	134½	Sale	--	--	133⅛ May 7	140¼ May 15	113⅛ Jan 2	140¼ May 15
‡46,300	46,300	When issued	*	--	--	--	--	69¾	Sale	66⅝ May 8	70¼ May 15	‡66⅝ May 8	70¼ May 15
211,800	863,500	Amer Agri Chem (Del)	*	23⅝	Sale	41⅜	Sale	46¾	Sale	40½ May 2	47⅛ May 31	22½ Jan 16	47⅛ May 31
316,800	1,197,900	American Airlines com	1	18⅛	Sale	22¾	Sale	23½	Sale	22⅛ May 8	24⅝ May 17	17⅞ Jan 3	24⅝ May 17
500	3,400	3½% conv preferred	100	97½	103	106⅛	116	110	120	109 May 6	116 May 16	97 Feb 11	116 May 16
53,300	331,800	American Bakeries Co	*	18	Sale	25	Sale	25¼	Sale	23½ May 20	26½ May 24	17⅞ Jan 2	26½ May 24
3,200	13,300	American Bank Note com	5	27½	29½	26¾	27	25¾	26½	25⅝ May 27	26¾ May 2	24¾ Apr 16	29¼ Jan 17
230	1,000	6% preferred	50	61	62½	64¼	65½	63	64	63½ May 14	64½ May 22	62 Jan 14	67 Feb 26
59,300	385,700	Amer Bosch Arma Corp	2	13½	Sale	15¾	Sale	15½	Sale	14¾ May 31	16⅜ May 15	13½ Jan 2	16¾ Apr 23
34,500	173,700	Amer Brake Shoe Co	*	48⅞	Sale	54¾	Sale	52⅝	Sale	51½ May 20	55½ May 2	48⅝ Jan 11	58¾ Apr 4
124,500	624,500	Amer Broadcasting-Paramount Theatres Inc	1	33⅝	Sale	31⅞	Sale	30¾	Sale	30½ May 21	32¾ May 3	30¼ Mar 4	38¼ Jan 14
218,200	732,100	American Can com	12.50	45⅞	Sale	44⅝	Sale	45⅞	Sale	43¾ May 10	46⅛ May 24	43⅝ Apr 1	47⅜ Feb 1
10,600	53,400	7% preferred	25	40½	Sale	41⅝	Sale	41½	41¾	41 May 9	41¾ May 1	40½ Jan 2	42½ Jan 30
55,700	156,300	American Cement Corp	5	--	--	11¼	Sale	12	Sale	10⅞ May 2	12½ May 20	10⅜ Apr 2	12½ May 20
13,700	58,200	American Chain & Cable	*	47¼	Sale	54	Sale	53¼	Sale	52⅞ May 10	55¾ May 21	47¼ Jan 2	55¾ May 21
40,900	138,900	Am Commerce Barge Line	3	21¼	Sale	20⅝	Sale	23⅛	Sale	20⅝ May 1	25 May 21	20 Jan 25	25 May 21
4,200	31,900	American Consumer Indus	*	24¼	Sale	22½	Sale	22¼	Sale	22 May 20	23 May 13	22 May 20	28¼ Jan 24
88,600	104,300	Amer-Crystal Sugar com	10	40¼	41¼	50	Sale	61⅜	Sale	49⅜ May 7	74¾ May 21	41⅞ Jan 3	74¾ May 21
70	2,010	4½% prior preferred	100	93	Sale	90	93½	93½	95½	90½ May 6	94 May 24	88¼ Mar 12	94 Jan 18
199,700	1,151,600	Amer-Cyanamid Co	10	49¼	Sale	58¾	Sale	59	Sale	54⅝ May 20	59⅜ May 2	47¾ Jan 2	59⅜ May 2
17,400	119,900	American Distilling Co	10	38½	Sale	38½	Sale	38¾	Sale	36¾ May 6	39¾ May 16	36¾ May 6	44⅞ Jan 23
145,800	775,200	American Elec Power	6.50	35⅞	Sale	36⅜	Sale	35⅝	Sale	35⅛ May 31	37½ May 6	32⅜ Mar 1	37½ May 6
‡124,200	268,000	American Enka Corp—New common	2.50	--	--	34⅛	Sale	35⅜	Sale	33⅝ May 28	36⅜ May 14	‡29½ Apr 4	36⅜ May 14
178,000	688,200	Amer Export Lines Inc	40c	18⅛	Sale	27⅝	Sale	31¼	Sale	27⅜ May 3	31⅜ May 31	17⅞ Jan 2	31⅜ May 31
149,900	732,691	Amer & Foreign Power	*	9	Sale	12⅜	Sale	13⅛	Sale	12¼ May 7	13½ May 20	8⅞ Jan 2	13½ May 20
31,400	182,200	Amer Harware Corp	12.50	36¼	Sale	43¾	Sale	45	Sale	40¼ May 6	45⅞ May 29	34¾ Jan 30	45⅞ May 29
159,400	871,100	American Home Products	1	52⅝	Sale	56⅝	Sale	57⅛	Sale	54 May 27	57⅝ May 3	49⅜ Mar 25	58½ Jan 22
98,400	653,800	Amer Hospital Supply	*	22	Sale	22⅛	Sale	21	Sale	20¾ May 9	22¼ May 1	18⅝ Mar 21	23 Jan 4
5,100	22,200	American International	1	14⅝	15⅛	15½	Sale	15½	15⅞	15¼ May 20	15¾ May 1	15 Jan 3	16 Jan 23
17,000	125,900	Amer Invest Co of Ill com	1	20¼	Sale	22¾	Sale	23⅛	Sale	22¾ May 1	23½ May 7	20⅛ Jan 2	23½ May 7
240	1,350	5¼% prior preferred	100	104	107	102½	104	103¼	105	103½ May 27	104½ May 24	101½ Mar 18	104½ May 24
368,700	1,762,300	Amer Mach & Foundry—Common	1.75	20¾	Sale	20½	Sale	20½	Sale	19¾ May 7	21½ May 14	19¾ May 7	24¼ Feb 1
240	540	3.90% preferred	100	81	Sale	85½	87	87½	89½	87 May 3	89½ May 28	81 Jan 2	89½ May 28
125,200	667,000	Amer Metal Climax com	1	31⅝	Sale	37⅝	Sale	38	Sale	36 May 1	38⅝ May 13	30⅞ Jan 3	39¼ Apr 26
5,000	34,925	4¼% conv preferred	100	101	Sale	108¾	Sale	114½	Sale	108¾ May 1	115 May 16	101 Jan 2	115 May 16
42,300	151,200	American Metal Products	2	14½	Sale	18⅜	Sale	20	Sale	18⅛ May 2	20 May 31	14½ Jan 2	20 May 31
8,400	39,800	American Meter Co	*	27½	Sale	29	Sale	28⅜	Sale	27¼ May 27	29⅞ May 13	26½ Mar 18	29⅞ Jan 7
783,000	5,682,200	American Motors	1.66⅔	16¼	Sale	19¾	Sale	19⅝	Sale	18⅛ May 23	20⅝ May 1	16 Jan 2	23 Feb 14
102,700	380,400	American Natural Gas	10	41¾	Sale	41⅛	Sale	44	Sale	40 May 7	45⅜ May 16	39⅛ Feb 26	45⅜ May 16
15,100	125,500	American News Co	*	23¼	Sale	21½	Sale	21½	Sale	21⅛ May 3	22⅝ May 13	20⅛ Apr 9	24⅞ Jan 24
12,400	55,800	American Optical Co	1	61⅜	Sale	68½	Sale	69⅝	Sale	66⅜ May 24	70¼ May 29	61 Mar 7	70¾ Apr 22
778,200	3,110,000	Amer Photocopy Equip	*	11¾	Sale	10⅝	Sale	11	Sale	10⅛ May 6	12⅝ May 9	10⅛ May 6	15 Jan 25
110,200	391,500	Amer Potash & Chemical	*	30¾	Sale	27¾	Sale	29⅝	Sale	27 May 3	31¼ May 23	27 May 3	32½ Jan 7
137,700	791,000	Am Radiator & Stand San	5	12⅞	Sale	15⅞	Sale	15⅜	Sale	15¼ May 24	16⅛ May 20	12¾ Jan 2	16¼ Apr 26
50	400	7% preferred	100	147½	150	155	158	160	162	158 May 10	160 May 23	150 Jan 7	160 May 23
55,200	144,700	Am Research & Dev Corp	1	16¼	Sale	21⅜	Sale	25¼	Sale	20⅝ May 1	25¼ May 31	16¼ Jan 2	25¼ May 31
11,800	62,100	American Seating Co	10	30¼	Sale	33⅛	Sale	33	Sale	32½ May 15	33⅝ May 22	30¼ Jan 2	34¼ Feb 4
29,600	68,600	American Ship Building	*	9¼	Sale	10⅜	Sale	12¼	Sale	10¼ May 8	12½ May 24	9¼ Jan 2	12½ May 24
84,200	342,200	Amer Smelt'g & Refin'g	*	57½	Sale	71¾	Sale	78⅝	Sale	71¾ May 1	79⅝ May 28	56⅛ Jan 2	79⅝ May 28
3,630	11,120	7% preferred	100	151	152¼	157	Sale	162	Sale	156 May 7	162 May 31	151 Jan 3	164 Mar 26
10,500	53,600	American Snuff Co com	8⅓	21¼	Sale	25⅝	Sale	27½	Sale	25⅛ May 2	28⅛ May 17	21¼ Jan 2	28⅛ May 17
340	1,340	6% non-cum pfd	100	125	127½	127	129	130½	132½	126 May 14	130½ May 27	125 Jan 4	130½ May 27
47,900	335,300	Amer-So African Inv Co Ltd	£1	26⅞	Sale	33	Sale	32⅝	Sale	32¼ May 8	33⅞ May 2	26½ Jan 3	36¼ Apr 3
9,000	288,100	Amer Sugar Refin com	25	40⅜	Sale	53	Sale	--	--	51 May 2	53 May 1	39¾ Jan 2	54¼ Apr 15
‡363,300	372,000	New common	12.50	--	--	26¾	Sale	25½	Sale	23¾ May 7	30½ May 21	‡23¾ May 7	30½ May 21
95,700	152,200	5.44% preferred	12.50	--	--	13⅜	Sale	13⅞	Sale	13⅜ May 1	14 May 23	13¼ Apr 30	14 May 23
464,000	‡2,439,000	American Tel & Tel	33⅓	116⅞	Sale	124⅞	Sale	123	Sale	121⅞ May 27	126⅛ May 1	114½ Jan 2	126⅛ May 1
384,000	1,961,000	American Tobacco—Common	6.25	29¼	Sale	32⅛	Sale	30½	Sale	30 May 27	32⅞ May 6	28 Mar 1	33⅞ Apr 17
3,690	20,230	6% preferred	100	128	Sale	133½	Sale	133½	Sale	133½ May 1	135½ May 3	127½ Jan 2	136½ Mar 26
179,700	1,157,300	American Viscose Corp	25	60¾	Sale	62	Sale	66¾	Sale	62 May 1	67 May 31	59 Apr 1	67 May 31

For footnotes, see page 29.

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Aggregate Sales in May Shares	Sales Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
10,800	50,200	Amer Water Works Co com	5	22¼	Sale	26⅝	Sale	27⅝	28	26½ May 1	28¼ May 21	22¼ Jan 2	28¼ May 21
9,200	21,400	6% preferred	25	26⅞	27	26⅛	Sale	26	Sale	25½ May 23	26½ May 7	25½ Apr 18	28¾ Apr 2
3,670	4,920	5½% preferred	25	26	26½	26¾	27⅛	25¾	25⅞	25⅜ May 17	26½ May 3	25⅝ May 17	27⅛ Apr 24
40	1,350	5% preferred	25	25	26	25	27	25½	26	25¼ May 28	25⅞ May 29	25 Jan 16	26¼ Feb 7
3,700	15,300	5% preference	25	24	Sale	24⅞	Sale	24¾	25	24¼ May 24	25 May 1	24 Jan 2	25½ May 20
69,700	594,400	Amer Zinc Lead & Smelt	1	13½	Sale	23⅛	Sale	19¼	Sale	18½ May 24	23⅝ May 13	13⅛ Jan 18	23⅝ May 13
6,800	31,100	Ametek Inc	*	46½	Sale	46½	Sale	44½	Sale	44½ May 15	46½ May 1	42 Mar 19	48¼ Jan 30
32,500	223,900	AMP Inc endorsed shs	1	25½	Sale	30	Sale	30	Sale	29½ May 2	30⅞ May 22	25⅜ Mar 6	31½ Apr 5
401,500	1,311,200	Ampex Corp	1	16¾	Sale	17	Sale	17⅞	Sale	16½ May 8	18⅝ May 13	14½ Mar 19	18⅝ May 13
86,300	276,100	Amphenol-Borg Elect Corp	1	21⅜	Sale	24⅜	Sale	26⅞	Sale	23¼ May 3	26⅞ May 31	20¾ Jan 3	26⅞ May 31
62,200	229,600	Amsted Industries Inc	1	30⅛	Sale	32½	Sale	36	Sale	32⅛ May 2	36¼ May 22	30⅛ Jan 2	36¼ May 22
262,200	814,700	Anaconda Co	50	40⅝	Sale	47⅝	Sale	52½	Sale	47 May 8	52¾ May 31	40½ Jan 2	52¾ May 31
4,900	24,980	Anaconda Wire & Cable	*	26½	27¼	31	Sale	31⅞	Sale	30½ May 10	32½ May 3	27¼ Jan 3	35¾ Feb 14
35,600	153,700	Anchor Hock Glass com	6.25	28⅞	Sale	31½	Sale	32¾	Sale	31¼ May 7	33 May 27	28¾ Jan 2	35¼ Apr 11
130	590	$4 preferred	*	92	Sale	95	97	97	98½	96 May 9	97 May 23	92 Jan 2	97 Apr 5
26,300	187,100	Anderson Clayton & Co	21⅘	37¾	Sale	28⅛	Sale	28⅜	Sale	26¾ May 7	28⅝ May 24	26⅜ Apr 19	39⅝ Jan 8
81,700	504,900	Anken Chemical Film Cp	20c	37⅞	Sale	25⅛	Sale	23¾	Sale	21⅜ May 15	25½ May 1	21⅜ May 15	41⅝ Jan 7
64,300	398,800	Apco Oil Corp	1	16⅛	Sale	20⅛	Sale	20	Sale	18⅜ May 13	20⅛ May 1	15½ Feb 27	20¼ Apr 18
90,600	165,000	Archer-Daniels-Midland	*	41¾	Sale	40½	Sale	40½	Sale	39 May 16	41¼ May 23	39 May 16	43⅝ Mar 13
78,600	629,300	Arizona Public Service	2.50	30⅝	Sale	31	Sale	30⅛	Sale	30⅛ May 31	31½ May 17	30 Mar 29	33¼ Jan 15
124,000	563,800	Armco Steel Corp	10	52	Sale	53⅝	Sale	57⅝	Sale	52⅝ May 2	58¼ May 31	51½ Mar 19	59⅜ Apr 15
90,700	407,000	Armour & Co	5	42⅞	Sale	46⅜	Sale	44¾	Sale	44¼ May 17	46¾ May 1	42 Mar 1	48¾ Apr 15
56,700	222,600	Armstrong Cork Co com	1	67	Sale	83½	Sale	81¾	Sale	78 May 23	83¾ May 1	66½ Jan 7	84¼ Apr 24
890	4,490	$3.75 preferred	*	87¾	Sale	88¾	Sale	91	Sale	88¾ May 1	91½ May 7	87½ Jan 2	92½ Feb 1
11,500	52,000	Armstrong Rubber Co	1	34	34¼	39½	Sale	41¼	Sale	39½ May 1	41¼ May 31	34¼ Jan 3	41¼ May 31
770	7,280	Arnold Constable Corp	5	10	10¾	11	11⅞	10⅞	Sale	10⅞ May 24	11½ May 8	10½ Jan 4	13½ Jan 25
6,000	27,100	Aro Corp	2.50	17¼	Sale	18⅜	Sale	18⅛	Sale	17⅞ May 29	19 May 2	17⅛ Jan 2	20¼ Feb 13
23,800	206,500	Arvin Industries Inc	2.50	26⅝	Sale	30½	Sale	29⅛	Sale	28½ May 7	30½ May 1	26½ Jan 2	34⅝ Mar 27
83,400	391,200	Ashland Oil & Refining	1	25⅞	Sale	29¾	Sale	30	Sale	29⅝ May 29	31 May 13	25½ Jan 2	31 May 13
40,000	85,900	Associated Brewing Co	1	2½	Sale	3	Sale	3½	Sale	2⅞ May 1	3⅝ May 8	2½ Jan 2	3⅝ May 8
58,300	242,200	Associated Dry Goods	50c	45¼	Sale	50¾	Sale	47½	Sale	47½ May 31	51⅞ May 15	43⅞ Jan 22	51⅞ May 15
23,000	110,300	Associates Investment Co	10	61¼	Sale	63	Sale	64⅛	Sale	62¾ May 1	66½ May 16	58⅝ Feb 25	66½ May 16
267,300	1,244,400	Atchison Top & San Fe— Common	10	25¼	Sale	29	Sale	30	Sale	28¼ May 10	30 May 31	25 Jan 2	30 May 31
65,400	335,300	5% non-cum preferred	10	10½	Sale	10¾	Sale	10¾	Sale	10¾ May 1	11 May 1	10¼ Jan 2	11 Mar 18
12,400	74,300	Atlantic City Electric— Common	4⅓	43½	Sale	46⅝	Sale	45⅞	Sale	45¼ May 28	47 May 3	43½ Jan 2	48⅛ Jan 28
210	2,400	4% preferred	100	90	Sale	91½	93	91½	93	91½ May 3	93 May 22	87 Jan 10	94 Apr 4
28,300	201,400	Atlantic Coast Line RR	*	47⅜	Sale	52¼	Sale	60	Sale	50⅛ May 7	60⅝ May 31	46½ Jan 21	60⅝ May 31
82,600	570,400	Atlantic Refining com	10	48⅛	Sale	53¾	Sale	53⅛	Sale	52½ May 21	54¾ May 13	48 Jan 2	56⅞ Apr 16
1,570	10,930	$3.75 pfd series B	100	88¼	Sale	89¼	Sale	88½	Sale	88 May 23	89¼ May 1	86¼ Apr 19	89¾ Mar 14
78,700	603,600	Atlas Chem Industries Inc	1	15⅛	Sale	15⅛	Sale	15⅝	Sale	15 May 7	16⅜ May 20	14½ Jan 11	17⅜ Feb 26
313,300	890,700	Atlas Corporation com	1	2¼	Sale	2⅜	Sale	2⅞	Sale	2¼ May 7	3 May 31	2⅛ Jan 2	3 May 31
7,900	63,700	5% preferred	20	14⅞	15	17¼	Sale	17	Sale	16¾ May 29	17¼ May 1	14⅞ Jan 3	17¼ Apr 18
40,200	299,100	Austin Nichols & Co com	*	19	Sale	25⅞	Sale	25¼	Sale	24⅝ May 7	28⅜ May 16	17¾ Jan 8	28⅜ May 16
4,400	29,500	$1.20 conv prior pref	*	28	Sale	34½	36	35	37	34¾ May 9	38⅞ May 16	25⅛ Jan 28	38⅞ May 16
229,300	1,174,500	Automatic Canteen	2.50	14¼	Sale	14⅜	Sale	14¾	Sale	14⅛ May 1	16⅛ May 21	13⅜ Apr 4	17¼ Jan 23
347,000	1,451,000	Avco Corp	3	25⅛	Sale	27¼	Sale	26⅝	Sale	25¾ May 24	27⅝ May 3	23 Mar 1	27⅝ May 3
124,800	1,100,500	Avnet Electronics Corp	5c	21½	Sale	18	Sale	17⅛	Sale	15½ May 21	18½ May 14	15½ May 21	24½ Mar 18
20,700	110,700	Babbitt (B T) Inc	1	5½	5¾	4⅞	Sale	4¾	Sale	4½ May 20	5 May 1	4½ Mar 20	5⅞ Jan 7
41,800	190,700	Babc'k & Wilcox Co (The)	9	49	Sale	54⅜	Sale	56⅞	Sale	53¼ May 9	57¼ May 31	46¼ Feb 5	57¼ May 31
54,000	259,500	Baker Oil Tools Inc	1	12⅝	Sale	11⅝	Sale	11¾	Sale	11¼ May 7	12⅝ May 10	11¼ Mar 26	14⅜ Jan 24
176,800	541,300	Baldwin-Lima-Hamilton	13	13⅛	Sale	12⅜	Sale	14	Sale	12¼ May 1	14⅝ May 22	12¼ May 1	14⅝ May 22
53,100	324,800	Baltimore Gas & Elec Co— Common	*	32⅝	Sale	35⅛	Sale	35	Sale	34¼ May 22	35⅜ May 1	32⅝ Jan 2	36¼ Feb 7
1,450	5,550	4½% pfd series B	100	100¾	Sale	101½	Sale	103	Sale	101 May 6	104¼ May 23	100 Mar 18	106½ Feb 6
390	1,850	4% pfd series C	100	88	90	92¾	Sale	92½	94	91 May 21	94 May 28	88 Jan 3	94 May 28
12,100	85,300	Baltimore & Ohio com	100	28⅛	Sale	37⅛	Sale	39¼	Sale	37⅛ May 1	40½ May 9	26½ Jan 16	40⅜ May 17
4,800	22,200	4% non-cum pfd	100	47⅛	Sale	49½	50	52¾	54	49¾ May 3	53⅜ May 29	46⅜ Jan 2	53⅜ May 29
15,700	68,900	Bangor & Aroostook Corp	1	12¼	12⅝	14⅞	Sale	17⅞	Sale	14⅝ May 8	18 May 29	12 Jan 3	18 May 29
15,000	49,400	Barber Oil Corp	10	71	Sale	84¾	Sale	88½	Sale	84¾ May 1	92 May 3	71 Jan 2	92 May 3
16,200	57,400	Basic Inc common	1	10¼	Sale	11	Sale	11¾	Sale	10½ May 8	12 May 24	10¼ Jan 2	12¼ Feb 25
610	3,920	5% conv preferred	50	40½	Sale	44½	45½	45¼	45½	44½ May 2	45¼ May 14	39½ Jan 7	46¼ Feb 25
10,700	41,400	Basic Products Corp	1	13½	Sale	12⅞	Sale	13⅛	13⅜	12¾ May 1	14¼ May 21	12¾ Apr 22	15⅛ Jan 29
15,200	55,500	Bath Iron Works Corp	10	40¾	Sale	38	Sale	40¾	Sale	37¼ May 10	41¼ May 24	36⅞ Mar 20	45¾ Jan 9
47,300	129,900	Bausch & Lomb Inc	10	27⅛	Sale	30¾	Sale	31	Sale	29¾ May 14	31¾ May 29	26 Jan 21	31¾ May 29
43,900	231,400	Baxter Labs Inc	1	24¼	Sale	26⅜	Sale	24⅛	Sale	23⅝ May 29	26¾ May 1	22¼ Mar 6	26¾ May 1
9,100	75,000	Bayuk Cigars Inc	*	43¼	Sale	42	Sale	42½	Sale	42 May 1	43 May 2	41⅝ Apr 30	47½ Jan 10
14,200	83,400	Beam (James B) Distilling	2	38⅜	Sale	38½	Sale	36⅛	Sale	35½ May 31	38½ May 1	35¼ Apr 5	41¼ Jan 29
‡18,200	60,600	Beatrice Foods Co— Common	*	—	—	45¾	Sale	47¾	Sale	45¾ May 1	48 May 14	‡45¼ Apr 18	49⅞ Mar 14
290	1,460	4½% preferred	100	99¾	100¾	102	103	101¼	Sale	101¼ May 31	103 May 3	100 Jan 3	103½ Mar 7
44,400	222,300	Beaunit Corp	2.50	21	Sale	24	Sale	23¾	Sale	23 May 15	24⅝ May 8	20¾ Mar 6	24⅝ May 8
67,100	439,500	Beckman Instruments Inc	1	105⅝	Sale	86¾	Sale	96¾	Sale	85⅞ May 13	97 May 31	82⅛ Apr 26	115¾ Jan 14
310	2,680	Beck Shoe 4¾% pfd	100	64	66½	61	63½	59½	62½	60 May 27	61 May 29	60 Apr 17	66 Jan 15
64,700	206,800	Beech Aircraft Corp	1	15⅞	Sale	14⅝	Sale	15¼	Sale	14¼ May 1	16¼ May 23	14¼ Apr 16	16¾ Jan 8
290	830	Beech Creek RR Co	50	34	35	34¼	35¼	35	36	34½ May 10	35 May 27	33½ Apr 10	35 Jan 30
48,600	329,700	Beech-Nut Life Savers	5	34½	Sale	40¾	Sale	41¼	Sale	40⅝ May 1	43⅛ May 14	34½ Jan 2	43⅛ May 14
176,300	391,800	Belco Petroleum Corp	1	13⅛	Sale	14⅞	Sale	17½	Sale	14⅛ May 6	17¾ May 28	12⅝ Jan 8	17¾ May 28
12,300	34,100	Belding-Hemingway	1	19⅞	20⅜	18¾	Sale	20½	Sale	18¾ May 1	20¾ May 15	18¼ Apr 26	20⅞ Jan 18
46,400	242,500	Bell & Gossett Co	2	13⅜	Sale	20⅝	Sale	21	Sale	20⅝ May 1	21¼ May 9	13¼ Jan 3	21⅜ Apr 22
613,800	1,240,600	Bell & Howell Co	5	23⅛	Sale	23	Sale	27	Sale	22¾ May 1	27⅞ May 9	21⅛ Mar 29	27⅞ May 9
68,900	218,700	Bell Intercontinental Corp	1	9¼	Sale	10⅞	Sale	11¾	Sale	10⅝ May 3	12 May 28	9 Jan 2	12 May 28
84,400	346,800	Bendix Corp	5	55	Sale	53¾	Sale	53⅛	Sale	52⅜ May 24	55¾ May 14	50⅜ Mar 22	59¼ Jan 24
40,800	264,400	Beneficial Finance Co com	1	51¼	Sale	57½	Sale	56	Sale	54½ May 28	58⅞ May 17	49⅝ Jan 15	60 Apr 19
2,200	12,900	5% preferred	50	51¾	Sale	53½	Sale	54½	55¼	52 May 13	55 May 29	51¼ Feb 28	55 May 29
1,700	6,600	$4.50 conv pfd	100	114½	116	123¼	Sale	122½	125	123¼ May 1	125 May 6	114½ Mar 1	125 May 6
65,300	504,000	Benguet Consol Min	2 pesos	1⅜	Sale	1⅜	Sale	1¼	Sale	1¼ May 1	1½ May 22	1¼ Jan 2	1½ Feb 6
54,500	85,100	Berman Leasing Co	1	—	—	18¼	Sale	21	Sale	17½ May 6	23⅛ May 24	17⅛ Apr 17	23⅛ May 24
10,700	53,300	Best & Co Inc	1	32¾	Sale	32⅝	Sale	32	Sale	31¼ May 16	34¼ May 6	30⅝ Feb 27	35⅞ Jan 15
53,300	218,200	Bestwall Gypsum Co	40c	27⅛	Sale	32¾	Sale	32⅛	Sale	31¼ May 22	33⅛ May 24	26¾ Jan 2	34¼ Apr 8
441,500	2,521,500	Bethlehem Steel Corp— Common	5	28¾	Sale	31½	Sale	33	Sale	30⅞ May 8	33⅛ May 31	28¾ Jan 2	34¾ Apr 16
4,300	27,200	7% preferred	100	150¾	151¾	156¼	Sale	159⅜	160	156¼ May 1	159¾ May 24	153 Jan 4	159¾ May 24
40,600	147,700	Bigelow-Sanford common	5	21¼	Sale	26½	Sale	26⅜	Sale	25⅝ May 13	27 May 6	20¾ Jan 3	27 May 6
30	570	4½% pfd ser of 1951	100	87	87½	88½	89½	90	91	89½ May 2	89⅝ May 23	86¼ Mar 27	90 Feb 25
25,300	86,000	Black & Decker Mfg Co	50c	51½	52½	57⅞	Sale	60	Sale	57½ May 2	60 May 31	51¼ Jan 8	60 May 31
37,700	209,300	Blaw-Knox Co	10	27⅝	Sale	31½	Sale	31	Sale	30¼ May 2	32 May 13	26¾ Mar 6	33¾ Apr 16
7,500	42,600	Bliss & Laughlin Inc	2.50	22¼	Sale	25¾	Sale	26⅛	Sale	25⅝ May 7	26⅜ May 27	21⅞ Jan 2	26¾ Apr 15
44,800	382,800	Bliss (E W) Co	50c	12¾	Sale	16½	Sale	16	Sale	15⅝ May 20	16¾ May 2	12⅜ Jan 2	16⅞ Apr 23
47,200	244,700	Bobbie Brooks Inc	*	23⅜	Sale	25¼	Sale	26⅜	Sale	25¼ May 1	27¼ May 8	22⅝ Jan 2	27¾ Jan 14
187,700	1,095,400	Boeing Co (The)	5	37⅛	Sale	36⅞	Sale	36¾	Sale	36 May 7	37⅞ May 3	35⅛ Mar 26	40⅜ Feb 4
20,000	47,000	Bohn Alum & Brass Corp	5	30⅝	30¾	34¼	Sale	36	Sale	34¼ May 1	38⅞ May 15	30¼ Jan 4	38⅞ May 15
23,600	106,000	Bond Stores Inc	1	18¾	Sale	19½	Sale	20¼	Sale	19½ May 1	20½ May 22	18 Mar 14	20½ May 22
6,800	30,700	Book-of-the-Month Club Inc	1.25	22⅛	Sale	22⅜	Sale	21¾	Sale	21⅜ May 22	22⅜ May 1	21⅜ May 23	23¾ Jan 9
55,900	287,800	Borden Co (The)	7.50	57½	Sale	62½	Sale	65½	Sale	62½ May 1	67½ May 24	57 Mar 18	67½ May 24
87,600	428,500	Borg-Warner Corp com	5	42⅜	Sale	45⅜	Sale	45⅝	Sale	45⅛ May 21	46½ May 14	41⅛ Jan 8	46½ May 14
130	960	3½% preferred	100	84½	85	85½	Sale	86⅛	87½	85½ May 1	87 May 24	85 Jan 11	87½ Feb 19
74,200	203,300	Borman Food Stores Inc	1	10⅞	Sale	13½	Sale	12¾	Sale	12¾ May 29	14⅝ May 9	10⅜ Mar 4	14⅝ May 9
48,200	200,900	Boston Edison Co	10	35⅞	Sale	39⅛	Sale	42	Sale	39⅛ May 1	43⅞ May 21	35⅞ Jan 2	43⅞ May 21
11,800	42,000	Boston & Maine RR com	*	3⅜	Sale	4¾	Sale	5	Sale	4⅝ May 1	5¼ May 3	3⅜ Jan 2	5½ Feb 14
10,500	38,900	5% preferred	100	5⅝	Sale	8¾	Sale	9	Sale	8½ May 10	9½ May 14	5⅞ Jan 2	9¾ Feb 13
39,400	124,800	Brach (E J) & Sons	*	34½	Sale	32½	Sale	31½	Sale	28½ May 21	32½ May 1	28½ May 21	34¾ Apr 11
229,100	642,300	Braniff Airways Inc	2.50	10½	Sale	11¾	Sale	12½	Sale	11½ May 10	12⅞ May 22	10⅛ Mar 18	12⅞ May 22
36,400	139,500	Briggs Manufacturing	3.50	5⅛	Sale	5	Sale	6⅛	Sale	4⅞ May 1	6⅜ May 31	4½ Feb 4	6⅜ Jan 14
27,400	145,800	Briggs & Stratton	3	36⅝	37⅜	41½	Sale	42⅛	Sale	41¼ May 17	43⅞ May 9	37⅜ Jan 3	47 Jan 30
44,400	294,600	Bristol-Myers Co com	1	87	Sale	96¼	Sale	101	Sale	94 May 6	101¾ May 31	85⅞ Jan 26	101¾ May 31
----	180	3¾% preferred	100	88	91½	90½	92½	91	92½	— ------	— ------	87½ Jan 2	91 Apr 19
25,100	112,900	Brooklyn Union Gas	10	37	Sale	41⅛	Sale	44	Sale	41 May 3	44½ May 29	36½ Jan 3	44½ May 29
2,300	8,050	5.50% pfd series A	100	111½	112	113	Sale	112½	Sale	112¼ May 10	113 May 1	111½ Jan 4	114 Jan 21
5,800	20,500	Brown Shoe Inc	15	85½	Sale	90¼	Sale	89	Sale	89 May 13	90¾ May 14	85½ Jan 2	93¾ Jan 10

For footnotes, see page 29.

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Aggregate Sales in May Shares	Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
689,100	3,382,600	Brunswick Corp	*	18⅞	Sale	15⅝	Sale	15	Sale	14¾ May 6	16¼ May 13	14¾ May 6	20⅝ Jan 8
9,800	†124,400	Buckeye Pipe Line Co	*	58⅝	Sale	65	Sale	--	--	62¾ May 17	65½ May 7	57 Jan 8	67¼ Apr 18
‡6,300	6,300	When issued	*	--	--	--	--	31¼	Sale	29¾ May 29	33⅛ May 7	‡29¾ May 29	33⅛ May 7
98,800	350,100	Buckingham Corp cl A	1	28⅛	Sale	28⅞	Sale	29¼	Sale	28⅜ May 6	31¾ May 14	25 Jan 28	31¾ May 16
47,700	217,800	Bucyrus Erie Co	5	15	Sale	17⅜	Sale	17¼	Sale	16⅝ May 8	18⅛ May 14	14⅞ Jan 2	18⅛ May 13
96,300	550,700	Budd (The) Co common	5	11⅞	Sale	13⅜	Sale	14	Sale	13¼ May 2	14⅜ May 29	11¾ Jan 2	15¼ Apr 16
900	2,600	$5 preferred	*	79½	Sale	85	Sale	87	Sale	85 May 1	87 May 14	79½ Jan 2	87¼ May 27
5,800	37,200	Buffalo Forge Co	1	29	Sale	32½	33	33¾	Sale	32⅝ May 7	35¼ May 20	28⅜ Jan 7	37 Jan 15
77,900	236,000	Bullard Co	10	10⅜	Sale	15¾	Sale	16¾	Sale	15⅜ May 9	17⅞ May 13	10⅜ Jan 2	17⅞ May 13
21,700	81,000	Bullock's Inc	5	59	Sale	63¼	Sale	61	Sale	60¾ May 20	63½ May 13	55 Jan 17	63½ Apr 24
65,200	252,900	Bulova Watch Co Inc	5	9⅞	Sale	11¾	Sale	13⅜	Sale	11½ May 2	13⅝ May 22	9¾ Jan 2	13⅝ May 22
228,100	1,702,900	Burlington Industries com	1	25⅞	Sale	34	Sale	35	Sale	33¾ May 1	35¼ May 17	25⅞ Jan 2	35¼ May 17
90	920	4% preferred	100	84½	87½	86½	88½	89¾	92½	86½ May 7	91 May 23	85 Jan 30	91 May 23
10	10	3½% preferred	100	76½	79½	75⅛	76	75⅛	78½	76 May 23	76 May 23	76 May 23	76 May 23
30	810	4½% 2nd pref	100	90½	92	93¼	95½	96¼	97¾	95½ May 8	96¼ May 24	90½ Jan 7	96¼ May 24
34,400	102,300	Burndy Corp	1	14⅜	Sale	15⅝	Sale	16⅞	Sale	15⅜ May 2	17¾ May 20	13¾ Mar 15	17¾ May 20
283,300	1,294,800	Burroughs Corp	5	28½	Sale	29¼	Sale	31¼	Sale	28¾ May 7	31¼ May 31	28 Jan 2	34 Feb 18
5,700	29,400	Bush Terminal Co	1	21	Sale	19½	19¾	19½	Sale	19¼ May 20	19⅞ May 3	18½ Mar 19	21 Jan 2
5,100	22,700	Byers (A M) Co	33⅓	9⅝	10	9⅜	Sale	9½	Sale	9⅛ May 1	9½ May 16	9 Mar 27	10⅞ Jan 9
102,300	777,000	Calif Financial Corp	1	8⅜	Sale	9⅜	Sale	9⅜	Sale	8¾ May 23	9½ May 16	8 Jan 2	11½ Apr 11
91,700	290,100	California Packing	2.50	24⅜	Sale	25⅛	Sale	29⅜	Sale	24¾ May 1	29⅜ May 22	23⅝ Apr 24	29⅜ May 22
74,700	252,300	Callahan Mining Corp	1	4⅝	Sale	5½	Sale	5⅜	Sale	5¼ May 7	6⅛ May 22	4½ Jan 3	6⅛ Mar 11
63,700	181,600	Calumet & Hecla Inc	5	11¾	Sale	11¼	Sale	12¼	Sale	11 May 7	12¾ May 15	11 May 7	13⅜ Jan 29
25,500	172,600	Campbell Red Lake Mines	1	12⅞	Sale	13⅝	Sale	14¾	Sale	13½ May 2	15⅛ May 15	12⅞ Jan 2	16 Feb 5
33,300	197,100	Campbell Soup Co	1.80	96¼	Sale	94¼	Sale	97¼	Sale	93½ May 1	99½ May 17	92½ Apr 17	107½ Jan 28
45,900	154,700	Canada Dry Corp com	1.66⅔	21½	Sale	23½	Sale	23½	Sale	22⅝ May 22	24¾ May 14	21½ Jan 2	24¾ May 14
600	2,990	$4.25 conv preferred	*	91⅜	93	93	Sale	93¼	Sale	92 May 6	94¼ May 22	91½ Jan 4	94¼ May 22
370	1,820	Canada Southern Ry Co	100	49½	50	54	55	54¼	55	54 May 6	55 May 9	50 Jan 3	55 Apr 25
45,600	195,300	Canadian Breweries	*	10⅛	Sale	10⅜	Sale	10⅜	Sale	10¼ May 9	10¾ May 3	9⅜ Feb 26	10¾ May 3
141,500	459,900	Canadian Pacific Ry	25	22⅝	Sale	26⅛	Sale	28¾	Sale	26⅛ May 1	28⅞ May 31	22⅝ Jan 2	28⅞ May 31
17,800	69,300	Carborundum (The) Co	5	46¼	Sale	45¾	Sale	46⅛	Sale	43¾ May 8	47½ May 23	43¾ Mar 1	49½ Apr 10
23,300	68,400	Carey (Phillip) Mfg Co	10	26¼	Sale	27	Sale	26	Sale	24⅛ May 2	27½ May 22	24⅛ May 2	29⅝ Feb 12
17,700	103,600	Carlisle Corp	*	14⅞	Sale	14⅛	Sale	13½	Sale	13¼ May 28	14⅜ May 8	13⅛ Mar 7	15½ Apr 8
470	2,570	Caro Clinch & Ohio Ry	100	101¾	Sale	106¼	107¼	106¼	107¼	106 May 17	108 May 21	101¾ Jan 2	108 May 21
22,000	142,200	Carolina Power & Light	*	62	Sale	69½	Sale	68¾	Sale	67¼ May 27	70 May 3	60¾ Jan 10	70 May 3
30,600	101,300	Carpenter Steel Co	5	36⅜	Sale	36	Sale	41	Sale	35⅞ May 1	41⅛ May 31	33⅛ Mar 27	41⅛ May 31
47,000	185,600	Carrier Corp common	10	37¼	Sale	41½	Sale	42½	Sale	41½ May 1	43⅝ May 9	36⅞ Jan 2	43⅝ May 9
670	4,020	4½% preferred	50	48	Sale	49¾	Sale	49½	Sale	49½ May 13	50⅜ May 17	48 Jan 2	50½ Apr 29
1,200	9,700	Carriers & General Corp	1	29	30	32¼	33¼	33½	Sale	32¾ May 6	34 May 10	29½ Jan 3	34¾ Jan 22
107,300	209,500	Carter Products Inc	1	54	Sale	57¼	Sale	61	Sale	55¼ May 7	64 May 17	54 Jan 2	65¼ Mar 13
321,200	1,056,300	Case (J I) common	1	7	Sale	9⅜	Sale	10½	Sale	8¾ May 7	10⅝ May 23	7 Jan 2	10⅝ May 23
3,570	284,610	7% preferred	100	64½	Sale	76	Sale	78	Sale	73 May 8	78⅞ May 29	64½ Jan 2	80⅞ Jan 9
61,200	247,100	6½% 2nd pfd	7	3¼	Sale	3⅞	Sale	4⅜	Sale	3⅞ May 1	4½ May 28	3¼ Jan 2	4½ May 28
237,600	824,900	Caterpillar Tractor com	*	37⅛	Sale	37⅜	Sale	44⅜	Sale	37 May 1	44⅞ May 31	34⅝ Mar 1	44⅞ May 31
6,000	24,600	Ceco Steel Products Corp	10	19⅞	20¼	26	Sale	25⅝	26	25⅛ May 7	26⅜ May 2	20⅜ Jan 3	26⅜ May 2
169,900	907,300	Celanese Corp of Am com	*	38⅝	Sale	44¼	Sale	47⅛	Sale	44 May 3	47¼ May 31	36½ Mar 4	47¼ May 31
250	1,350	7% 2nd preferred	100	132½	133⅞	141¼	143	142½	144	141½ May 21	144 May 27	133⅛ Jan 8	144 May 27
6,500	69,100	4½% conv pfd ser A	100	90	Sale	92½	Sale	93⅞	Sale	92½ May 1	94¼ May 24	90 Jan 2	94¼ May 24
11,500	87,500	Celotex Corp common	1	21⅛	Sale	28⅝	Sale	28⅛	Sale	28 May 31	30⅜ May 21	21 Jan 2	30⅜ May 21
2,500	15,300	5% preferred	20	15¾	Sale	16⅞	Sale	17¾	Sale	16⅞ May 1	18¼ May 21	15¾ Jan 2	18¼ May 21
46,000	212,000	Cenco Instruments Corp	1	39¼	Sale	43½	Sale	47¼	Sale	43 May 7	47¼ May 15	38¾ Jan 2	47⅝ Feb 14
223,300	296,300	Central Aguirre Sugar Co	5	22¼	Sale	27⅝	Sale	30	Sale	25⅛ May 3	35¼ May 22	22 Jan 15	35¼ May 22
14,800	42,500	Central Foundry Co	1	15¼	Sale	17⅜	Sale	18½	Sale	17 May 8	18¾ May 20	15¼ Jan 2	18¾ May 20
600	1,900	Central of Ga Ry com	*	50	51½	48	50	48	49½	47 May 23	48 May 14	47 May 23	50¾ Jan 14
500	1,900	5% pfd series B vtc	100	77½	Sale	73	74¾	75	76	73 May 3	75⅛ May 28	73 May 3	77½ Jan 2
40,000	116,400	Central Hudson Gas & Elec	*	33¾	Sale	33¾	Sale	34¼	Sale	33¼ May 2	34½ May 22	33 Jan 7	35⅞ Mar 19
12,200	96,100	Central Illinois Light com	*	46½	Sale	49⅜	Sale	47	Sale	45½ May 31	49¾ May 2	45½ May 31	49⅞ Apr 22
580	2,550	4½% preferred	100	99¼	100	101	Sale	100⅛	Sale	100 May 10	101 May 1	98¾ Jan 7	102¼ Apr 4
52,600	237,900	Central Illinois Pub Serv	*	24¼	Sale	25¾	Sale	25⅛	Sale	24⅝ May 8	26¾ May 1	22½ Mar 11	26¾ May 1
112,600	324,290	Cent & South West Corp	2.50	41⅜	Sale	43¼	Sale	42¼	Sale	41⅛ May 17	44 May 2	41⅛ Jan 2	47¼ Feb 7
26,400	104,700	Central Soya Co	*	30	Sale	29⅜	Sale	28¾	Sale	28¾ May 24	30⅜ May 14	28¾ May 24	32 Jan 22
6,500	99,700	Century Industries Co	*	13½	Sale	11⅞	Sale	11⅜	Sale	11⅜ May 31	12⅝ May 2	11⅛ Apr 22	14¾ Jan 23
156,000	432,100	Cerro Corp	5	19⅛	Sale	24⅛	Sale	27⅞	Sale	24 May 1	28⅛ May 31	19⅛ Jan 2	28⅛ May 31
88,200	698,900	Certain-teed Products	1	15⅞	Sale	14½	Sale	14½	Sale	14 May 23	15¼ May 15	14 Mar 19	19¾ Feb 6
128,100	443,600	Cessna Aircraft Co	1	21	Sale	22¼	Sale	24⅜	Sale	21½ May 6	25½ May 23	20½ Mar 20	25½ May 23
80,000	440,700	Chadbourn Gotham Inc	1	4⅜	Sale	4⅛	Sale	3⅞	Sale	3⅞ May 6	4½ May 16	3¾ Mar 11	4¾ Mar 13
17,100	70,100	Chain Belt Co	10	33½	Sale	41½	Sale	47¼	Sale	41½ May 1	47¼ May 31	33½ Jan 2	47¼ May 31
66,000	356,200	Champion Papers Inc com	*	25⅜	Sale	29½	Sale	28½	Sale	28¼ May 31	30¼ May 10	25⅛ Jan 2	30¼ May 10
2,960	6,930	$4.50 preferred	*	99	Sale	100	Sale	100	102	99¾ May 6	102½ May 24	96¼ Jan 22	102½ May 24
57,500	434,600	Champion Spark Plug Co	1⅔	33	Sale	39	Sale	38⅛	Sale	38 May 27	40¼ May 16	32⅝ Jan 2	40¼ May 16
201,100	683,400	Champlin Oil & Refin Co	1	30½	Sale	31⅛	Sale	32¾	Sale	30½ May 7	33⅜ May 15	29½ Feb 12	34¾ Jan 17
13,600	76,700	Checker Motors Corp	1.25	21⅜	Sale	22⅛	Sale	21	Sale	20⅝ May 14	22½ May 2	20⅝ May 14	25¼ Jan 16
41,000	172,200	Chemetron Corp	1	18½	Sale	21⅜	Sale	22	Sale	20½ May 24	22¾ May 13	18½ Jan 2	22¾ May 13
117,500	367,100	Chemway Corp	1	5⅝	Sale	7	Sale	8	Sale	6⅝ May 8	8 May 31	5½ Jan 2	8 May 31
3,100	21,500	Chesapeake Corp of Va	5	36¾	37¼	41½	42½	40½	Sale	40½ May 31	42¾ May 16	37 Jan 3	44 Mar 25
95,100	595,100	Chesapeake & Ohio com	25	51½	Sale	60½	Sale	62¾	Sale	60¼ May 1	64⅛ May 27	51⅜ Jan 2	64⅛ May 27
100	700	3½% conv preferred	100	84⅛	98	96	100	97	104	100 May 2	100 May 2	92 Mar 7	100 May 2
39,000	211,100	Chesebrough-Pond's Inc	2	52½	Sale	59½	Sale	60	Sale	58½ May 15	60⅜ May 22	51¾ Jan 2	60⅜ May 22
5,200	19,800	Chicago & Eastern Ill RR	*	9	Sale	10⅜	Sale	11⅝	Sale	10¼ May 6	11⅞ May 15	9 Jan 2	11⅞ May 15
740	2,350	Class A	40	16⅜	17	17¼	Sale	20	Sale	17¼ May 1	20 May 31	16½ Jan 14	20 Feb 8
41,600	92,900	Chicago Great Western	50	14½	Sale	20	Sale	25⅛	Sale	19⅝ May 2	25⅜ May 27	14½ Jan 2	25⅜ May 27
15,500	48,500	5% preferred	50	29¼	30	35⅞	Sale	38¼	38¾	34½ May 16	38¾ May 8	29½ Jan 17	38¾ May 8
110,500	392,200	Chic Milw St Paul & Pac RR Co common	*	9⅜	Sale	12¼	Sale	14	Sale	11¾ May 2	14⅜ May 31	9⅜ Jan 2	14⅜ May 31
9,700	39,800	5% ser A non-cum pfd	100	50¾	51¼	58⅞	Sale	64¾	Sale	58¾ May 1	64¾ May 31	51¼ Jan 3	64¾ May 31
64,300	218,100	Chic & North Western RR	*	13¼	Sale	19¾	Sale	23⅝	Sale	18⅞ May 6	23⅝ May 31	13⅛ Jan 2	23⅝ May 31
66,400	184,200	5% preferred series A	100	20⅜	Sale	30⅞	Sale	36⅝	Sale	30¼ May 1	36⅞ May 31	20⅜ Jan 2	36 May 29
62,000	219,800	Chicago Pneumatic Tool	8	27¼	Sale	31¾	Sale	34	Sale	30¾ May 8	34⅛ May 31	26½ Jan 3	34⅛ May 31
130,800	465,500	Chic Rock Isl & Pac RR	*	18⅞	Sale	22⅜	Sale	23	Sale	22⅜ May 1	24⅝ May 8	18½ Jan 2	25⅛ Feb 14
1,580	8,990	Chicago Yellow Cab	*	23⅝	Sale	24	25	24	25	23½ May 7	25¾ May 16	22 Feb 20	28 Mar 29
7,000	10,500	Chickasha Cotton Oil	5	18⅛	18⅞	20	Sale	22⅞	Sale	20 May 1	23¾ May 13	18⅛ Jan 4	23¾ May 13
78,400	296,700	Chock Full O'Nuts Corp	25c	16⅛	Sale	15⅞	Sale	16	Sale	15⅜ May 3	17¼ May 10	15 Mar 19	18¼ Jan 23
61,900	471,600	Chris-Craft Industries	1	12⅞	Sale	16	Sale	15⅝	Sale	15⅛ May 6	17⅝ May 9	12¼ Mar 18	18¾ Apr 15
195,600	5,366,000	Chrysler Corp	25	73⅜	Sale	105¾	Sale	--	--	101¾ May 6	107 May 9	71¾ Jan 2	110⅜ Apr 22
‡1,337,600	1,567,200	New common	12.50	--	--	53⅛	Sale	63⅞	Sale	51 May 6	64⅛ May 31	‡51 May 6	64⅛ May 31
17,500	141,100	Cincinnati G & E com	8½	49½	Sale	56¼	Sale	--	--	54¼ May 21	56¼ May 1	49½ Jan 2	56¼ Apr 30
‡15,100	16,600	New common	8.50	--	--	28¼	Sale	26⅝	Sale	26⅝ May 31	28¼ May 1	‡26⅝ May 31	28¼ Apr 29
2,110	8,200	4% preferred	100	91⅛	Sale	92¾	Sale	92½	Sale	91¾ May 1	94 May 2	90 Mar 22	94 Jan 29
780	3,490	4¾% preferred	100	105	106½	104¾	106	104¼	Sale	104 May 31	106 May 10	104 Feb 27	106½ Mar 19
22,900	87,600	Cincinnati Milling Mach	10	39⅜	Sale	45¾	Sale	48¼	Sale	44¼ May 7	49⅝ May 13	36¼ Mar 20	49⅝ May 13
113,600	736,600	C I T Financial Corp	*	43½	Sale	42½	Sale	43½	Sale	42¼ May 6	43⅞ May 31	41¼ Mar 20	46¼ Feb 26
82,800	501,400	Cities Service Co com	10	56⅞	Sale	67⅜	Sale	67⅝	Sale	65⅛ May 16	67⅞ May 3	55⅝ Jan 2	68⅜ Apr 29
12,000	58,400	$4.40 conv preferred	*	106½	Sale	113½	Sale	112⅝	Sale	112⅝ May 31	115½ May 13	106 Jan 4	115½ May 13
8,100	42,300	City Investing Co	5	21⅛	Sale	23	Sale	23	Sale	22⅜ May 24	23⅝ May 3	20⅞ Jan 2	26½ Jan 30
19,200	147,100	City Products Corp	*	25⅜	Sale	28⅞	Sale	29	Sale	27⅞ May 14	29⅛ May 28	24¾ Jan 3	31 Feb 14
15,700	89,800	City Stores Co	5	8¾	Sale	8⅝	Sale	8½	Sale	8¼ May 9	8¾ May 1	8¼ Jan 9	9⅞ Jan 11
124,900	396,300	Clark Equipment Co	10	30½	Sale	37½	Sale	42⅛	Sale	37¼ May 1	42¼ May 31	29⅝ Feb 5	42¼ May 31
9,100	41,700	Cleveland-Cliffs Iron Co	1	37⅜	Sale	44½	Sael	44¾	Sale	43 May 7	45⅞ May 16	37⅜ Jan 2	45⅞ May 16
42,700	139,400	Cleve Elec Illum com	15	64½	Sale	64⅝	Sale	64	Sale	63¼ May 16	65¼ May 3	63¼ Mar 6	68¾ Jan 11
‡3,500	3,500	When issued	*	--	--	--	--	32⅜	Sale	32 May 29	32⅝ May 22	‡32 May 29	32⅝ May 22
1,940	7,7790	$4.50 preferred	*	101⅞	Sale	101¾	Sale	103¼	Sale	101⅛ May 1	105 May 22	99 Apr 17	105 May 22
470	1,920	Clev & Pitts RR Co 7% gtd	50	63	64	67⅛	67⅞	67½	Sale	66⅞ May 10	68¼ May 21	64 Jan 8	68¼ May 21
300	1,950	Special gtd 4% stock	50	36⅛	37	38¾	Sale	39⅜	40	38¾ May 1	40 May 27	36⅛ Jan 22	40 May 27
85,800	297,100	Clevite Corp	1	38⅞	Sale	40¼	Sale	43⅝	Sale	39⅝ May 1	44⅞ May 13	37⅝ Feb 12	44⅞ May 13
39,500	132,600	Cluett Peabody & Co— Common	3.25	45½	Sale	43¾	Sale	44⅜	Sale	42⅜ May 17	45⅛ May 29	42 Mar 1	47⅞ Jan 8
170	1,670	7% preferred	100	140	141	143½	Sale	145	147	142 May 7	147 May 14	140 Mar 27	147 May 14
145,800	564,900	Coastal States Gas Pro	33⅓	--	--	35⅜	Sale	36¼	Sale	34⅛ May 13	36½ May 22	28¾ Feb 20	36½ May 22
82,400	322,400	Coca-Cola (The)	*	85¼	Sale	92¾	Sale	93	Sale	91 May 24	96¾ May 9	84½ Jan 3	96¾ May 9
20,900	71,400	Coca-Cola Bottling Co N Y	1	20⅜	Sale	21¾	Sale	21¾	Sale	21 May 27	22⅞ May 16	20⅜ Jan 2	24 Jan 21
129,000	540,500	Colgate-Palmolive com	1	44	Sale	52¼	Sale	52¾	Sale	51⅛ May 6	56⅛ May 23	41⅜ Jan 21	56⅛ May 23
370	3,170	$3.50 preferred	*	81	Sale	80½	81½	82	Sale	81½ May 2	82½ May 20	80 Apr 17	84⅞ Mar 4
106,200	368,000	Collins & Aikman Corp	*	34	Sale	36⅛	Sale	40¾	Sale	34⅝ May 6	41 May 29	31⅝ Apr 5	41 May 29
268,900	927,600	Collins Radio Co	1	22⅞	Sale	30⅜	Sale	33⅛	Sale	28¾ May 7	33⅜ May 29	22¾ Jan 2	33⅜ May 29
116,200	214,100	Colonial Corp of America	50c	--	--	20	Sale	23¼	Sale	20 May 1	23⅝ May 15	§18⅝ Mar 15	23⅝ May 15
116,500	794,600	Colorado Fuel & Iron com	5	8¾	Sale	9⅝	Sale	9⅞	Sale	9¼ May 8	10¼ May 22	8⅝ Jan 2	10⅞ Apr 16
1,500	10,200	5½% preferred ser B	50	32⅛	33⅜	38	38⅝	38	39½	36½ May 14	38¾ May 23	32⅞ Jan 3	39 Apr 19

For footnotes, see page 29.

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Aggregate Sales in May Shares	Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
		Colorado & Southern—											
1,570	5,610	4% non-cum 1st pfd	100	42	Sale	51¼	Sale	53	Sale	51 May 6	53 May 28	41 Jan 7	53 May 28
		Columbia Broadcasting											
160,900	1,143,500	System	2.50	44½	Sale	54⅛	Sale	55½	Sale	53⅛ May 22	57 May 28	42½ Jan 7	57 May 28
117,700	599,700	Columbia Gas System	10	26⅞	Sale	29½	Sale	29⅝	Sale	28¾ May 7	30 May 21	26⅝ Jan 2	30 May 21
95,500	417,000	Columbia Pictures com	5	23½	Sale	28½	Sale	27¾	Sale	27 May 31	29½ May 10	22¼ Jan 8	29½ May 10
890	1,980	$4.25 preferred	*	77¼	Sale	81	82	82⅛	Sale	81 May 2	83 May 10	77¼ Jan 2	83 Feb 8
21,500	75,000	Columbus & So Ohio Elec	5	67	Sale	69¾	Sale	70½	Sale	68½ May 15	71½ May 21	67 Jan 2	74 Feb 25
56,100	243,200	Combustion Engineering	1	25¼	Sale	27¾	Sale	29	Sale	27⅛ May 8	29⅜ May 22	24⅝ Mar 19	29⅜ May 22
55,800	300,200	Commercial Credit com	5	44⅞	Sale	46¾	Sale	43½	Sale	43¼ May 31	47⅜ May 6	43¼ May 31	48¾ Feb 18
2,200	7,600	4½% conv preferred	100	—	—	109	Sale	108¾	109¾	109 May 1	110¼ May 15	105¾ Jan 21	111¼ Feb 19
62,100	427,100	Commercial Solvents	1	24	Sale	23¼	Sale	24⅝	Sale	23⅛ May 2	26¼ May 9	22 Mar 20	27⅞ Jan 29
		Commonwealth Edison Co—											
88,100	406,500	Common	12.50	44⅜	Sale	48½	Sale	48⅞	Sale	48⅛ May 7	49⅞ May 13	44¼ Jan 2	50⅜ Feb 14
16,300	86,600	Conde Nast Publications	*	9	Sale	10⅜	Sale	9¾	Sale	9½ May 29	10½ May 1	8⅞ Jan 21	10⅞ Apr 29
184,700	324,700	Cone Mills Corp	10	12	Sale	12	Sale	12⅞	Sale	10¼ May 3	14¾ May 14	10¼ May 3	14¾ May 14
91,500	218,100	Congoleum-Nairn Inc	*	10	Sale	9	Sale	10⅝	Sale	8¾ May 1	11 May 24	8¾ May 1	12¼ Feb 4
23,800	190,600	Consolidated Cigar Corp	1	49½	Sale	59¾	Sale	59½	Sale	58⅞ May 14	60⅝ May 3	49½ Jan 2	61⅞ Apr 17
83,900	497,100	Cons Edison Co of N Y Inc	*	83¼	Sale	86⅝	Sale	86½	Sale	85½ May 7	87¼ May 13	81⅞ Jan 2	89½ Feb 15
8,800	41,000	$5 preferred	*	106	Sale	106⅞	Sale	107	Sale	106½ May 1	107½ May 9	105¾ Apr 18	109 Jan 25
10,900	76,800	4.12% conv pref ser A	100	109¾	Sale	111¾	Sale	111½	Sale	110¼ May 17	111⅞ May 15	109 Feb 28	115½ Feb 13
38,400	145,200	Consol Electronics Indus	5	31	Sale	30¼	Sale	31½	Sale	30 May 2	34½ May 16	27½ Apr 16	35 Feb 1
61,500	376,700	Consolidated Foods	1.33⅓	34¾	Sale	40	Sale	40⅞	Sale	40 May 1	42¾ May 21	33⅜ Feb 6	42¾ May 21
14,900	49,200	Consol Laundries Corp	5	24½	24¾	26	Sale	29¾	Sale	26 May 1	29¾ May 29	24½ Jan 3	29¾ May 29
44,300	240,200	Consol Natural Gas	10	57	Sale	59⅝	Sale	63⅛	Sale	59½ May 1	66½ May 16	56¾ Jan 2	66½ May 16
75,600	424,600	Consolidation Coal Co	1	35¼	Sale	44⅛	Sale	44¼	Sale	42 May 17	44⅜ May 31	35⅛ Jan 2	45 Apr 25
		Consumer Power Co—											
62,900	333,400	Common	*	42¼	Sale	44¼	Sale	45	Sale	43¼ May 8	45¼ May 31	40½ Mar 4	45¾ Apr 9
3,670	15,840	$4.50 preferred	*	101	Sale	101	Sale	101¾	Sale	100 May 2	102¼ May 13	98¾ Apr 15	102½ Jan 4
830	5,290	$4.52 preferred	*	102¼	103½	103	Sale	103	Sale	103 May 1	104 May 28	102¼ Apr 23	105 Jan 18
440	730	$4.16 preferred	*	93½	94½	94½	Sale	96	97	94½ May 1	97½ May 23	94½ Jan 3	98 Mar 25
		Container Corp of America											
95,600	435,400	Common	5	24¼	Sale	28	Sale	27⅛	Sale	27 May 27	29½ May 10	23⅝ Jan 18	29½ May 10
110	140	4% preferred	100	94	94½	94½	96	94½	96	94 May 2	94½ May 2	94 Jan 23	94½ Apr 24
642,400	1,471,100	Continental Air Lines	1.25	6⅝	Sale	10⅛	Sale	11⅜	Sale	9½ May 10	12¼ May 22	6⅝ Jan 2	12¼ May 22
23,800	81,300	Contin'tal Baking Co com	5	44	Sale	47¼	Sale	51½	Sale	47¼ May 1	51½ May 31	43¾ Apr 5	51½ May 31
750	3,960	$5.50 preferred	*	106	Sale	109	Sale	109¾	Sale	107½ May 7	109¾ May 31	106 Jan 2	109¾ May 31
185,700	645,700	Continental Can com	10	44⅞	Sale	44⅛	Sale	46⅛	Sale	44⅛ May 1	46⅞ May 15	42⅝ Mar 29	46⅞ May 15
510	3,830	$3.75 preferred	*	87¼	88	88	89¾	90	Sale	88¼ May 9	90¼ May 20	87¼ Jan 4	91 Feb 26
		Continental Copper & Steel											
79,100	204,800	Common	2	4⅜	Sale	4½	Sale	5	Sale	4⅜ May 2	5⅜ May 16	4¼ Jan 2	5⅜ May 16
400	3,400	5% preferred	25	17⅛	18	19	19½	17¾	18	18⅝ May 22	19 May 22	17⅛ Jan 3	20 Feb 18
116,900	525,100	Continental Insurance	5	59⅞	Sale	60½	Sale	58¾	Sale	58⅛ May 29	61 May 2	58⅛ May 29	64¾ Feb 15
87,000	387,000	Continental Motors Corp	1	10⅞	Sale	12½	Sale	13	Sale	12½ May 1	13⅛ May 2	10⅞ Jan 2	13⅛ May 2
76,400	430,400	Continental Oil of Del	5	54⅝	Sale	60	Sale	61⅝	Sale	59⅜ May 8	63⅜ May 16	53¼ Jan 2	63⅜ May 16
9,100	47,800	Continental Steel Corp	7	41⅝	Sale	45½	Sale	45⅜	Sale	44⅛ May 6	45⅞ May 1	41⅜ Jan 2	47⅝ Apr 15
621,400	962,700	Control Data Corp	50c	—	—	45	Sale	56⅛	Sale	45 May 1	61⅝ May 20	36½ Mar 7	61⅝ May 20
17,300	73,500	Controls Co of America	5	23	23¾	26	Sale	28¾	Sale	25⅛ May 2	28¾ May 28	22½ Jan 21	28¾ May 28
23,400	92,800	Cooper-Bessemer Corp	5	27½	Sale	31½	Sale	32	Sale	31⅛ May 27	32⅝ May 8	27¼ Jan 2	33 Apr 10
82,200	278,100	Cooper Tire & Rubber Co	1	12	Sale	15⅞	Sale	17½	Sale	15½ May 8	17½ May 27	12 Jan 2	17½ May 27
22,200	96,700	Copeland Refriger't'n Corp	1	21¾	Sale	23	Sale	22½	Sale	22¼ May 29	24¾ May 14	21¾ Jan 2	26¾ Jan 15
103,100	284,400	Copper Range Co	5	16½	Sale	21¾	Sale	24	Sale	21¾ May 1	24⅞ May 13	16½ Jan 2	24⅞ May 13
15,900	111,600	Copperweld Steel	5	32½	Sale	36	Sale	37	Sale	34¾ May 8	37½ May 17	32½ Jan 2	38 Apr 22
198,200	710,300	Corn Products Co (Del)	50c	50½	Sale	53⅞	Sale	57⅝	Sale	53⅝ May 1	60 May 22	49 Mar 29	60 May 22
32,500	175,900	Corning Glass Works com	5	160¼	Sale	172¼	Sale	164⅝	Sale	163½ May 29	173¼ May 6	152¾ Mar 6	173¼ May 6
130	400	3½% preferred	100	88	90	88	90	88	89	88½ May 2	88½ May 2	87½ Jan 24	89 Apr 10
----	450	3½% pfd ser of 1947	100	93	95	92	94	92¾	93¼	-- ------	-- ------	91 Feb 21	93 Apr 22
10,400	438,700	Cosden Petroleum Corp	1	21¼	Sale	23⅜	Sale	--	--	23⅜ May 1	23⅝ May 2	21 Jan 2	23½ Apr 30
5,300	16,000	Coty Inc	1	14	Sale	12¾	Sale	12¾	Sale	11¾ May 10	12¾ May 1	11¾ May 10	15¾ Jan 31
20,900	70,400	Coty Int'l Corp class A	1c	5	Sale	5¼	Sale	5¼	Sale	5 May 3	5½ May 22	4¾ Mar 21	5⅝ Apr 25
12,100	47,000	Crane Co common	25	42¼	Sale	49	Sale	47⅛	Sale	46¾ May 29	49½ May 1	42¼ Jan 2	50 Apr 11
600	2,100	3¾% preferred	100	82	83¼	81½	84	81¾	84½	81¾ May 15	82½ May 28	81½ Apr 5	83½ Jan 8
16,900	102,700	Crescent Petroleum com	1	13⅝	Sale	11¾	Sale	11¾	Sale	11½ May 6	12 May 14	11½ Apr 4	14½ Jan 8
10,300	36,000	5% convertible pfd	25	23	23½	23¼	Sale	23¾	Sale	23¼ May 1	24 May 7	23¼ Jan 4	25⅜ Feb 19
12,800	51,000	Crompton & Knowles Corp	*	23¾	24	22¼	Sale	22	Sale	21¾ May 28	23¼ May 9	21½ Mar 26	24⅞ Feb 19
117,600	804,200	Crowell-Collier Publishing	1	19⅛	Sale	16½	Sale	17⅛	Sale	16⅛ May 2	17¾ May 16	14¼ Apr 2	20½ Jan 4
209,400	1,482,600	Rights		--	--	¼	Sale	--	--	7/32 May 2	17/64 May 1	5/32 Apr 19	21/64 Apr 25
283,800	1,044,400	Crown Cork & Seal	2.50	33¾	Sale	34⅜	Sale	37¾	Sale	33¾ May 2	37⅞ May 15	28¼ Feb 27	37⅞ May 15
1,100	5,310	$2 preferred	*	44½	46½	45⅜	46⅜	44⅝	45⅝	44¾ May 14	46⅜ May 6	44 Feb 27	46⅜ May 6
		Crown Zellerbach Corp—											
59,300	399,600	common	5	45½	Sale	56¼	Sale	52⅜	Sale	51 May 27	56⅜ May 1	45 Jan 4	58 Apr 24
790	6,370	$4.20 preferred	*	96½	Sale	98½	Sale	97½	98	97 May 22	99 May 3	96¼ Jan 4	100 Jan 23
164,200	743,800	Crucible Steel of Amer	12.50	16⅝	Sale	20⅜	Sale	21⅜	Sale	19½ May 21	21½ May 31	16⅝ Jan 2	21⅜ Apr 18
900	3,200	5¼% conv preferred	100	102¾	105	103	105	106	Sale	105 May 9	106 May 15	103 Jan 7	106 May 15
29,500	91,800	C T S Corp	*	17⅓	Sale	21½	Sale	22⅝	Sale	20 May 22	23 May 31	17⅓ Jan 2	23 May 31
48,100	252,400	Cudahy Packing Co com	5	7⅞	Sale	8⅞	Sale	8⅛	8⅜	7⅝ May 7	8⅞ May 1	7⅝ May 7	10 Jan 25
2,500	8,300	4½% preferred	100	51¼	52¼	61	Sale	60	Sale	54½ May 8	61 May 1	52¼ Jan 3	63¼ Apr 10
6,600	22,500	Cuneo Press Inc	5	10⅜	10¾	10⅞	Sale	11⅜	11⅝	10¾ May 1	11⅞ May 7	10 Mar 4	11⅞ May 7
11,200	53,100	Cunningham Drug	2.50	19½	20	22¼	Sale	23¾	Sale	22¼ May 1	24 May 31	19½ Jan 3	24 May 31
56,300	340,700	Curtis Publishing com	1	6⅜	Sale	6⅞	Sale	7⅛	Sale	6½ May 3	7¼ May 16	6⅛ Jan 2	8½ Feb 14
8,600	100,600	$4 prior preferred	*	25¼	26½	32¼	Sale	31⅝	Sale	31 May 3	32½ May 2	25¾ Jan 3	39⅞ Feb 14
4,200	28,700	$1.60 prior preferred	*	8¾	9¼	10⅛	Sale	10	Sale	9⅞ May 2	10½ May 14	9 Jan 7	12⅜ Feb 14
511,700	1,987,900	Curtis Wright Corp com	1	17⅝	Sale	21⅛	Sale	22	Sale	21 May 1	24¼ May 16	17⅜ Jan 2	24¼ May 16
4,300	32,700	Class A	1	34	Sale	37	Sale	37	37⅝	36¾ May 2	37⅞ May 15	33¾ Jan 3	38⅜ Feb 26
24,000	121,400	Cutler Hammer	10	58	Sale	62	Sale	60	Sale	57½ May 27	63¼ May 16	57⅜ Jan 17	67¾ Apr 15
40,700	176,900	Dana Corp common	1	41	Sale	44	Sale	44⅛	Sale	43¼ May 17	45⅛ May 9	40¼ Jan 7	46 Feb 25
----	530	3¾% preferred ser A	100	88½	91½	89⅜	91	90	90¾	-- ------	-- ------	89⅛ Apr 3	92 Feb 4
104,900	261,300	Dan River Mills Inc	5	13	Sale	14¼	Sale	15⅜	Sale	14⅛ May 2	16⅛ May 24	13 Jan 2	16⅛ May 24
104,600	409,000	Dayco Corp	50c	14	Sale	18¾	Sale	18½	Sale	18 May 31	20⅜ May 21	13¾ Jan 2	20⅜ May 21
		Dayton Power & Light—											
29,000	147,000	Common	7	27¾	Sale	29	Sale	29⅛	Sale	28⅝ May 9	29¾ May 10	27 Jan 21	30 Jan 31
830	2,400	3.75% preferred ser A	100	86	Sale	84½	85¼	86	Sale	84½ May 6	86 May 31	82 Mar 4	86 Jan 2
40	1,990	3.75% preferred ser B	100	84½	87½	85¼	87	87	Sale	85½ May 24	87 May 31	84½ Mar 4	87 Jan 16
20	350	3.90% preferred ser C	100	88½	Sale	88	89	88½	91	87 May 10	89 May 23	87 May 10	90 Jan 29
9,400	42,200	Decca Records Inc	50c	45¼	45¾	46	46¼	45⅝	Sale	45¼ May 8	46 May 2	45⅛ Feb 18	46 Apr 25
108,000	462,600	Deere & Co	1	51½	Sale	62⅝	Sale	67⅞	Sale	62¼ May 2	68¼ May 31	51½ Jan 2	68¼ May 31
30,200	174,200	Delaware & Hudson Co	1	20⅝	Sale	19½	Sale	21½	Sale	19½ May 1	21⅞ May 21	18⅝ Mar 27	22¼ Feb 13
27,000	125,600	Delaware Pow & Lt Co	6.75	47⅛	Sale	52⅝	Sale	53¼	Sale	52⅛ May 3	55⅛ May 16	46¼ Jan 3	55⅛ May 16
‡153,100	449,300	Delta Airlines Inc	3	—	—	44⅞	Sale	51	Sale	44¼ May 7	52⅝ May 24	‡36¼ Mar 6	52⅝ May 24
12,000	50,000	Dentists Supply Co of NY	2.50	26⅞	Sale	27¼	Sale	27¾	Sale	26¾ May 27	28⅛ May 29	26 Feb 15	28¼ Apr 16
217,500	466,500	Denv & R G West RR Co	*	19⅛	Sale	20⅞	Sale	23	Sale	20⅛ May 7	23 May 29	19⅛ Jan 2	23 May 29
144,700	398,800	De Soto Chem Coatings	1	9⅛	Sale	12⅛	Sale	13⅞	Sale	12⅛ May 1	14 May 29	9⅛ Jan 2	14 May 29
62,500	317,600	Detroit Edison Co new	10	31⅝	Sale	32½	Sale	32⅝	Sale	32¼ May 9	33 May 14	31½ Jan 2	34⅞ Jan 29
107,100	510,600	Detroit Steel Corp	1	10¾	Sale	13¼	Sale	13⅝	Sale	12½ May 8	14⅛ May 22	10⅝ Jan 2	14⅜ Apr 16
3,700	15,500	De Vilbiss Co	15	31¾	Sale	33¼	Sale	33½	Sale	32¼ May 9	34 May 20	31½ Jan 24	34 Mar 22
26,700	169,500	Diamond Akali Co	*	47	Sale	52	Sale	49½	Sale	49½ May 31	53¼ May 9	46¾ Jan 3	54½ Feb 19
33,500	160,600	Diamond National Corp	1	46¼	Sale	57¾	Sale	57⅛	Sale	57 May 27	58¾ May 3	45¾ Jan 3	58¾ May 3
25,200	91,100	Diana Stores Corp	50c	10⅜	Sale	11⅞	Sale	10¾	Sale	10¾ May 31	12¼ May 20	10⅜ Jan 2	12⅝ Jan 15
37,300	95,700	Di Giorgio Fruit Corp	2.50	13⅞	Sale	13⅝	Sale	15	Sale	13⅝ May 1	15⅝ May 14	11⅛ Mar 6	15⅝ May 14
153,800	550,500	Diners Club Inc	1	19⅝	Sale	22¼	Sale	20¾	Sale	19½ May 27	23⅞ May 9	18⅝ Jan 8	23⅞ May 9
40,200	181,600	Disney (Walt) Product	2.50	27¾	Sale	33¾	Sale	35	Sale	33¾ May 1	36¾ May 2	27¾ Jan 2	36¾ May 2
25,300	85,700	Distill Corp-Seagrams Ltd	2	44⅛	Sale	48	Sale	49¼	Sale	46⅞ May 7	49⅜ May 31	43⅞ Jan 2	49⅜ May 31
48,600	251,400	Divco Wayne Corp	1	19½	Sale	25⅝	Sale	26¼	Sale	25⅝ May 1	28⅜ May 22	19 Jan 3	28⅜ May 22
25,400	124,400	Dr Pepper Co	*	21½	21⅞	29	Sale	29⅜	Sale	26⅜ May 23	29⅜ May 31	21¾ Jan 3	30 Apr 23
26,800	198,300	Dome Mines Ltd	*	23⅜	Sale	26	Sale	26¾	Sale	25⅞ May 2	27¼ May 14	23⅛ Jan 2	28⅝ Mar 19
26,000	97,100	Dominick Fund Inc	1	20¼	Sale	20	Sale	20⅝	Sale	19½ May 9	20⅝ May 31	19 Mar 6	21¼ Jan 11
57,100	333,800	Donnelley (R R) & Sons	1.25	21	Sale	26⅜	Sale	26	Sale	24½ May 6	26¾ May 9	20⅞ Jan 4	29¼ Apr 24
90,300	591,400	Douglas Aircraft	*	25⅞	Sale	25⅜	Sale	23¾	Sale	23½ May 29	25⅞ May 2	23 Mar 26	29¾ Jan 14
25,900	220,000	Dover Corp	1	22⅝	Sale	28⅜	Sale	27⅛	Sale	26½ May 23	28½ May 1	22½ Jan 22	28¾ Apr 30
143,200	751,500	Dow Chemical Co	5	56	Sale	65⅞	Sale	62½	Sale	61¾ May 24	66 May 1	55 Mar 4	66 May 1
95,100	446,600	Dresser Industries	50c	22⅜	Sale	25¼	Sale	26	Sale	24⅜ May 10	26¾ May 22	22⅜ Jan 2	26¾ May 22

For footnotes, see page 29.

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Aggregate Sales in May Shares	Sales Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY — May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 — Lowest Sale Prices	RANGE SINCE JAN. 1 — Highest Sale Prices
21,600	80,500	Drewrys Ltd USA Inc	1	22¾	Sale	24⅝	Sale	23¼	Sale	22⅞ May 29	25⅞ May 8	21¼ Mar 6	25⅞ Jan 15
52,400	194,100	Du Bois Chemicals Inc	1	16¼	Sale	17¾	Sale	18	Sale	17⅛ May 6	18¾ May 17	16¼ Jan 2	18¾ May 17
21,700	227,800	Duke Power Co	*	56	Sale	59½	Sale	61	Sale	58½ May 1	63¼ May 17	53½ Apr 10	63¾ May 17
19,500	100,400	Dunhill International	1	13⅝	Sale	14	14⅛	13⅞	Sale	13½ May 8	14 May 2	13½ Jan 2	14⅝ Jan 17
72,300	200,300	Duplan Corp	1	10½	Sale	12⅛	Sale	14⅞	Sale	11⅜ May 2	15⅛ May 31	10⅛ Jan 29	15⅛ May 31
63,100	433,000	DuPont de Nem & Co (E I) Common	5	238½	Sale	253¾	Sale	253	Sale	249 May 20	256¾ May 9	233 Jan 7	256¾ May 9
7,900	38,200	$4.50 preferred	*	109	Sale	105⅝	Sale	108¾	Sale	105⅝ May 1	108⅞ May 21	105⅞ Apr 22	109¾ Mar 15
3,000	17,100	$3.50 preferred	*	86½	87	86	Sale	87½	Sale	85½ May 1	88¼ May 31	84 Apr 10	89¾ Mar 26
52,100	253,800	Duquesne Light Co com	5	30⅞	Sale	33	Sale	32⅛	Sale	32⅛ May 31	33⅞ May 16	30⅞ Jan 2	33⅞ May 16
1,070	3,630	3.75% preferred	50	42¼	Sale	42	43	43¼	44	43 May 2	44 May 8	42 Feb 4	44¼ Apr 2
260	1,940	4.15% preferred	50	46½	Sale	46½	47½	50	Sale	46½ May 7	50 May 31	46 Jan 2	50 May 31
3,310	14,980	5% preferred	50	46½	Sale	45¼	Sale	46½	47¼	45 May 1	46½ May 17	43½ Apr 15	47 Jan 22
710	4,480	4.20% preferred	50	48	49¾	48½	48¾	49	Sale	48½ May 5	49¼ May 17	47¼ Apr 26	50¼ Mar 7
1,880	2,440	4.10% preferred	50	46	47	46	Sale	46½	47¼	46 May 1	47¾ May 2	46 May 1	48 Jan 31
720	1,960	$2.10 preferred	50	47	48½	48	49½	47¼	49	48 May 8	49½ May 2	48 Jan 3	50 Mar 21
7,500	39,600	D W G Cigar Corp	5	18	18¾	18⅛	Sale	17½	Sale	17½ May 16	18⅛ May 1	17¼ Mar 4	20¾ Jan 9
131,100	651,500	Dynamics Corp of America	1	14⅝	Sale	12⅜	Sale	12¼	Sale	11¾ May 9	13⅛ May 16	11¾ Apr 29	15¾ Jan 4
9,600	45,600	$1 conv preference	2	30½	Sale	26¼	Sale	26¼	Sale	25⅜ May 2	27⅜ May 20	25⅜ May 2	31¾ Jan 4
20,300	163,400	Eagle-Picher Co	5	20½	Sale	24⅜	Sale	23¼	Sale	23 May 21	24⅝ May 8	20⅜ Jan 2	24¾ Apr 23
305,800	797,200	Eastern Air Lines	1	19½	Sale	19⅞	Sale	22	Sale	19¼ May 6	23 May 27	19 Apr 16	24¾ Feb 14
34,200	685,500	Eastern Gas & Fuel Assn— Common	10	47	Sale	58	Sale	62¾	Sale	57⅛ May 7	62¾ May 31	46¼ Jan 2	62¾ May 31
3,130	22,230	4½% prior preferred	100	90	Sale	97⅛	Sale	100½	101	97⅛ May 1	101½ May 17	90 Jan 2	101½ May 17
73,000	239,700	Eastern Stainless Steel	2.50	12½	Sale	16⅞	Sale	18⅛	Sale	16 May 3	18¾ May 29	12⅜ Jan 2	18¾ May 29
124,700	644,200	Eastman Kodak common	10	108⅝	Sale	116½	Sale	115	Sale	112¼ May 7	117⅜ May 2	106⅞ Jan 2	122⅜ Apr 26
320	920	$3.60 preferred	50	99½	101	100	102½	99⅝	100¾	99⅝ May 8	100½ May 29	98½ Mar 4	101 Apr 30
61,600	268,900	Eaton Mfg Co	1	34¾	Sale	37	Sale	36⅞	Sale	35⅜ May 17	37⅛ May 1	34½ Jan 2	37⅞ Jan 18
28,000	72,100	Echlin Mfg Co	1	--	--	12	Sale	11⅜	Sale	11⅛ May 22	12¼ May 3	§11⅛ May 22	15 Feb 18
7,300	35,100	Edison Bros Stores com	1	54¼	Sale	59	Sale	53¼	Sale	51¾ May 27	59⅞ May 9	51¾ May 27	60 Jan 14
770	980	4¼% preferred	100	92½	95	94	95½	94½	95	94 May 14	95½ May 2	92½ Jan 7	95½ Apr 5
40,400	135,400	Ekco Products com	2.50	29¾	Sale	29½	Sale	29¼	Sale	28¼ May 7	30 May 17	27 Jan 24	30 Jan 2
----	100	4½% preferred	100	99½	--	98⅞	101	98⅞	101	-- ------	-- ------	100 Jan 29	100 Jan 29
13,500	47,100	Elastic Stop Nut Corp of America	1	32⅜	32¾	33½	Sale	39	Sale	33½ May 1	39⅝ May 21	32¼ Jan 18	39⅝ May 21
16,300	61,700	Electric Auto-Lite (The)	5	49½	Sale	59	Sale	60	Sale	58½ May 14	60¼ May 29	49½ Jan 2	60¼ May 29
34,300	198,400	Electric Bond & Share	5	26½	Sale	31⅞	Sale	31¼	Sale	30½ May 22	31⅞ May 1	26½ Jan 2	31⅞ Apr 30
51,000	456,800	Elec & Musical Industries— American shares	10s	5⅞	Sale	6	Sale	5¾	Sale	5½ May 28	6⅛ May 3	5½ May 28	6⅜ Apr 1
12,500	66,900	Electric Storage Battery	10	50	Sale	55½	Sale	55¾	Sale	54¼ May 24	57 May 13	50 Jan 2	58 Apr 8
129,400	380,400	Electronics Associates Inc	1	35¾	Sale	43½	Sale	51¾	Sale	43 May 13	52¾ May 29	31¼ Mar 8	52¾ May 29
42,400	161,600	Elgin National Watch Co	5	10	Sale	10¾	Sale	10⅝	Sale	10⅛ May 10	11⅞ May 24	9¾ Jan 2	12¼ Jan 24
104,400	1,114,200	El Paso Natural Gas	3	17⅛	Sale	20¼	Sale	19⅛	Sale	19 May 23	20¼ May 1	17⅛ Jan 2	20½ Apr 22
105,500	562,300	Emerson Electric Mfg	1	28⅞	Sale	34⅞	Sale	36½	Sale	34⅞ May 1	36½ May 9	27⅜ Jan 3	36½ May 9
64,000	241,500	Emerson Radio & Phono	5	10	Sale	9⅝	Sale	9⅞	Sale	9½ May 1	10⅝ May 14	9 Mar 20	11½ Jan 24
10,900	65,200	Emery Air Freight Corp	20c	38	Sale	40¼	Sale	40½	Sale	36½ May 6	41 May 1	34⅞ Mar 1	43 Jan 11
14,700	14,700	Emhart Mfg Co	7.50	--	--	--	--	54¾	Sale	54¼ May 21	57¾ May 14	54¼ May 21	57¾ May 14
17,000	71,800	Empire Dist Electric Co	10	42⅝	Sale	48	Sale	47½	48¾	47¾ May 7	49½ May 10	42⅝ Jan 2	51 Mar 6
71,400	189,300	Endicott Johnson com	10	13⅝	14	20	Sale	22⅛	Sale	19⅞ May 1	23⅛ May 20	14 Jan 3	23⅛ May 20
1,530	5,880	4% preferred	100	63	Sale	73	73½	75¾	Sale	73 May 8	76 May 20	63 Jan 2	76 May 20
40,600	109,100	Englehard Industries	1	20	Sale	25⅞	Sale	29¼	Sale	25⅛ May 8	29¼ May 31	19⅝ Jan 3	29¼ May 31
29,200	119,600	Equitable Gas Co	8.50	38	Sale	42⅝	Sale	42	Sale	41¾ May 29	45⅜ May 16	38 Jan 2	45⅜ May 16
112,800	516,800	Erie-Lackawanna RR Co	*	2⅝	Sale	3¼	Sale	3⅝	Sale	3 May 6	3⅝ May 31	2⅝ Jan 2	4¼ Jan 13
2,680	24,110	5% preferred series A	100	15¼	Sale	16½	Sale	18	Sale	15⅞ May 3	18⅜ May 15	14½ Jan 3	21⅞ Feb 13
10	390	Erie & Pitts RR Co	50	58½	60	59½	60½	60¾	62½	61½ May 22	61½ May 22	58¼ Mar 11	61½ May 22
42,200	152,700	Eurofund Inc	1	14	Sale	15⅞	Sale	15	Sale	15 May 17	15⅞ May 1	13¾ Jan 2	16⅛ Jan 25
62,900	251,700	Evans Products Co	5	9½	Sale	13⅝	Sale	15⅛	Sale	13⅝ May 1	15¼ May 14	9½ Jan 2	15¼ May 14
170,200	663,400	Eversharp Inc	1	25⅜	Sale	35⅜	Sale	41½	Sale	34⅛ May 6	42⅝ May 31	25 Jan 2	42⅝ May 31
60,100	286,500	Ex Cell-O Corp	3	40¼	Sale	40⅜	Sale	44½	Sale	38½ May 6	44⅝ May 31	38½ May 6	46⅜ Feb 7
24,300	170,700	Factor (Max) & Co cl A	1	37⅞	Sale	47¾	Sale	48	Sale	45¼ May 17	48½ May 2	37⅝ Jan 3	48½ May 2
10,400	10,400	Fafnir Bearing Co	10	--	--	47¾	Sale	46	Sale	46 May 31	49¾ May 1	46 May 31	49¾ May 1
6,100	26,000	Fairbanks Morse & Co	*	11½	Sale	12⅛	Sale	11¼	Sale	11¼ May 29	12⅜ May 16	11¼ May 29	16¼ Jan 14
311,300	1,206,500	Fairbanks Whitney Corp— Common	1	4½	Sale	4⅜	Sale	5⅛	Sale	4¼ May 2	5⅜ May 9	4¼ Apr 16	6⅛ Jan 11
8,500	40,600	$1.60 conv preferred	40	16½	16¾	15¼	Sale	16⅜	Sale	15 May 1	16¾ May 13	15 May 1	18⅝ Jan 10
157,700	933,500	Fairchild Camera & Instrument Corp	1	45½	Sale	35⅞	Sale	39	Sale	35⅜ May 9	39⅜ May 31	32⅝ Apr 19	50½ Jan 14
59,100	493,600	Fairchild Stratos	1	7¼	Sale	6¾	Sale	6½	Sale	6 May 22	6⅞ May 13	6 May 22	8¾ Feb 6
53,100	142,700	Fairmont Foods common	50c	23¼	Sale	23¾	Sale	26	Sale	23 May 2	26¼ May 24	22⅝ Jan 2	26¼ May 24
150	690	5% junior preferred	50	51	Sale	50½	51½	50	51	50½ May 22	50¾ May 28	50¼ Mar 5	51½ Jan 8
21,100	71,500	Falstaff Brewing Corp	1	30½	Sale	36½	Sale	35⅛	Sale	35⅛ May 7	36⅞ May 8	30¼ Jan 3	37⅜ Apr 16
16,900	189,500	Family Finance Corp	1	27	Sale	33⅜	Sale	33⅛	Sale	33 May 24	34 May 3	26⅞ Jan 8	34 Apr 30
57,000	412,400	Fansteel Metallurgical	5	17¾	Sale	19½	Sale	19⅛	Sale	17⅞ May 28	19¾ May 9	17¾ Jan 2	23¾ Feb 19
17,300	50,500	Fawick Corp	2	8¼	Sale	8⅝	Sale	9⅜	Sale	8⅝ May 1	9⅝ May 16	8⅛ Jan 2	9⅝ May 16
42,300	159,100	Fedders Corp	1	15¾	Sale	18¼	Sale	18¼	Sale	18¼ May 1	19⅝ May 17	15¾ Jan 2	19⅝ May 17
32,200	177,600	Fed-Mogul-Bower Bear	5	38½	39	42⅜	Sale	46½	Sale	42¼ May 20	47 May 29	37½ Mar 12	47 May 29
136,500	342,200	Federal Pacific Elec com	1	7⅛	Sale	7¼	Sale	8¼	Sale	7¼ May 1	9¼ May 8	6½ Apr 5	9¼ May 8
10,100	29,900	5½% conv 2nd pfd A	23	17	Sale	17⅜	Sale	18¼	Sale	17⅜ May 1	19¼ May 8	16½ Jan 2	19¼ May 8
77,200	128,700	Federal Paper Board com	5	38⅜	Sale	40	Sale	36½	Sale	36 May 31	40⅜ May 1	36 May 31	42 Mar 21
3,100	12,200	4.60% preferred	25	23⅜	23½	24⅛	24¼	24⅝	Sale	24¼ May 2	24¾ May 22	23⅜ Jan 3	24¾ May 22
88,700	456,900	Federated Dept Stores	1.25	43⅛	Sale	49	Sale	48⅜	Sale	47 May 29	49⅜ May 21	42½ Jan 2	49½ Apr 24
57,200	105,100	Fenestra Inc	10	15⅛	15½	15	Sale	17⅞	Sale	15 May 1	18⅛ May 17	13⅜ Apr 23	18⅛ May 17
27,700	91,400	Ferro Corp	1	35¾	Sale	39¼	Sale	41¼	Sale	38⅝ May 7	42¾ May 15	35¾ Jan 2	42¾ May 15
43,900	160,200	Fibreboard Paper Products	*	24	Sale	28¼	Sale	27⅝	Sale	27⅛ May 27	29¾ May 3	23⅛ Mar 20	29¾ May 3
117,600	382,400	Fifth Ave Coach Lines	10	26¼	Sale	29⅝	Sale	33	Sale	28½ May 6	34¾ May 24	26 Jan 2	35⅝ Feb 18
43,100	360,700	Filtrol Corp	1	27¾	Sale	33⅞	Sale	32½	Sale	32½ May 21	34⅝ May 9	27⅝ Jan 2	36¼ Apr 2
‡75,200	192,400	Financial Federation Inc New common	1	--	--	60	Sale	57	Sale	53½ May 27	60⅜ May 15	‡53½ May 27	66 Apr 15
131,700	591,700	Firestone Tire & Rubber	*	34⅝	Sale	37⅜	Sale	35½	Sale	35 May 24	37¾ May 10	33 Mar 12	37¾ Jan 29
169,200	1,022,200	First Charter Financial	*	32	Sale	39¾	Sale	38⅞	Sale	36¼ May 24	40⅜ May 16	31¼ Jan 24	44⅜ Apr 15
18,100	121,800	First National Stores	*	50⅜	Sale	57	Sale	55⅝	Sale	55 May 23	58⅜ May 2	50¼ Jan 2	58¾ Feb 25
67,300	257,600	Fischbach & Moore Inc	1	19	Sale	21⅞	Sale	21¾	Sale	21¼ May 29	23 May 8	18¾ Jan 2	23 May 8
126,000	431,400	Flintkote Co common	5	18	Sale	19½	Sale	22	Sale	19½ May 1	22⅜ May 24	17¾ Jan 2	22⅜ May 24
100	430	$4 preferred	*	84	85½	87	89	86	88	87 May 3	87 May 3	85½ Jan 23	89½ Mar 27
590	3,110	$4.50 conv A 2nd pfd	100	90	Sale	97	98	97	98	97 May 14	98¾ May 7	90 Jan 2	98¾ May 7
1,900	11,200	$2.25 conv B 2nd pfd	*	40	41½	44¼	Sale	44½	Sale	44¼ May 1	46¼ May 13	41½ Jan 3	46¼ May 13
56,500	188,700	Florida East Coast Ry Co	25	5¼	5½	5⅞	Sale	6¾	Sale	5¾ May 6	7 May 29	5 Jan 23	7¼ Feb 14
52,600	227,600	Florida Power Corp	2.50	43½	Sale	45⅛	Sale	44⅜	Sale	43½ May 8	45⅝ May 2	40¾ Feb 25	46½ Jan 9
62,000	380,400	Florida Power & Lt Co	*	67	Sale	73⅛	Sale	74¾	Sale	72¾ May 1	75½ May 27	65¾ Jan 2	75½ Jan 18
32,200	129,000	Fluor Corp Ltd	2.50	14⅛	Sale	14¾	Sale	16½	Sale	14 May 10	16½ May 31	14 Jan 2	17¼ Feb 4
131,900	744,400	FMC Corp	10	36	Sale	40¾	Sale	43	Sale	40¾ May 1	44½ May 14	35¾ Jan 2	44½ May 14
56,000	323,400	Food Fair Stores common	1	21⅛	Sale	24¼	Sale	23¾	Sale	23½ May 3	24⅝ May 16	21⅛ Jan 2	25½ Feb 7
80	630	$4.20 pfd ser 1951	15	94½	97	95½	97½	95½	97½	95½ May 7	95½ May 7	95¼ Jan 14	97 Jan 23
52,300	199,800	Food Giants Market com	1	17	Sale	20¼	Sale	20⅝	Sale	19 May 9	21½ May 17	16¼ Mar 13	21½ May 17
800	5,400	4% conv preferred	10	12⅜	13	14¾	15½	15¼	16	14¾ May 6	16¼ May 20	13 Jan 4	16¼ May 20
25,600	140,500	Food Mart Inc	2	11¾	Sale	14¾	Sale	15	Sale	14⅝ May 16	15½ May 2	11⅝ Jan 2	15½ May 2
98,900	278,500	Foote Mineral Co	1	10⅞	Sale	9⅞	Sale	10⅝	Sale	9¼ May 3	11¼ May 24	9¼ May 3	12⅛ Feb 14
835,500	4,242,900	Ford Motor Co	2.50	45⅜	Sale	48⅞	Sale	51⅞	Sale	47⅞ May 6	51⅞ May 31	42 Mar 1	51⅞ May 31
482,600	1,155,600	Foremost Dairies Inc	2	8⅞	Sale	9	Sale	10¼	Sale	8⅞ May 2	11⅛ May 20	8½ Jan 2	10⅞ May 17
32,700	128,900	Foster-Wheeler Corp	10	28⅜	Sale	25	Sale	26⅜	Sale	24¼ May 1	26¾ May 31	23 Apr 30	31½ Apr 15
31,500	96,700	Foxboro Co	1	30½	Sale	28½	Sale	32⅜	Sale	28½ May 1	33½ May 22	26⅝ Mar 19	34⅜ Jan 15
24,500	95,000	Fram Corp	50c	30⅝	Sale	36¼	Sale	38⅜	Sale	34¼ May 8	38½ May 27	30⅛ Feb 28	38½ May 27
7,800	32,000	Franklin Stores Corp	1	9	Sale	8⅝	Sale	8⅝	Sale	8½ May 13	8⅞ May 9	8⅜ Apr 29	9⅞ Jan 24
79,000	414,600	Freeport Sulphur Co	10	22⅜	Sale	26½	Sale	26¼	Sale	25 May 27	27⅜ May 7	22⅜ Jan 2	28⅛ Apr 26
132,600	357,600	Friden Inc	33⅓c	29⅛	Sale	31⅜	Sale	36⅝	Sale	31 May 1	37⅝ May 21	26⅝ Mar 19	37⅝ May 21
405,400	1,778,000	Fruehauf Corp common	1	24¾	Sale	29½	Sale	32⅛	Sale	29¼ May 1	32¾ May 13	24¾ Jan 2	32¾ May 13
330	2,680	4% preferred	100	84	85	87½	89	87½	88½	87½ May 3	88 May 21	84 Jan 15	88½ Apr 10
1,800	269,800	Gabriel Co (The)	1	19⅛	Sale	22	Sale	--	--	19 May 10	22 May 1	19⅛ Jan 2	24½ Apr 5
31,600	131,000	Gamble-Skogmo Inc	5	43½	Sale	35¾	Sale	32	Sale	31¼ May 28	35⅞ May 1	31¼ May 28	43⅝ Jan 2
‡41,000	233,400	Gardner-Denver Co	5	--	--	36½	Sale	38⅞	Sale	36¼ May 1	39 May 20	‡31⅛ Mar 14	39 May 20
30,200	115,100	Garrett Corp (The)	2	42¾	Sale	44½	Sale	45¼	Sale	44¼ May 10	47⅛ May 6	40¼ Mar 20	47⅛ May 6
32,900	364,500	Gar Wood Industries com	1	3	3⅛	5	Sale	5	Sale	4⅞ May 1	5¾ May 16	3¼ Jan 4	6⅝ Mar 28
1,700	10,400	4½% conv preferred	50	19	Sale	29	Sale	30⅝	31¾	29 May 1	42 May 16	19 Jan 2	33½ Mar 27
22,900	72,000	General Acceptance Corp	1	20¼	Sale	20½	Sale	19¾	Sale	19⅜ May 27	20⅞ May 20	19⅜ May 27	22¼ Apr 15
6,200	32,900	60c conv preferred	*	12⅜	Sale	12⅝	Sale	12	Sale	12 May 31	12¾ May 2	12 May 31	13¼ Mar 21

For footnotes, see page 29.

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Aggregate Sales in May Shares	Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
13,500	69,600	Gen American Investors	1	28¾	Sale	28⅞	Sale	29½	Sale	28⅞ May 1	29¾ May 10	26⅜ Mar 8	30⅞ Jan 14
280	2,390	$4.50 preferred	100	95	97	98½	99½	98⅜	99	98½ May 10	99½ May 2	97 Jan 9	99½ May 2
95,700	489,400	Gen Amer Oil of Texas	5	37¼	Sale	35⅞	Sale	35⅜	Sale	34⅛ May 8	37⅜ May 15	33½ Mar 1	40⅛ Jan 4
24,400	141,000	Gen Amer Transp Corp	1.25	70	Sale	76½	Sale	75¾	Sale	74½ May 24	77¾ May 16	67½ Jan 28	77¾ May 16
30,300	439,600	Gen Baking Co com	5	7¾	Sale	9½	Sale	9	Sale	8⅞ May 21	9⅝ May 1	7⅝ Jan 2	9¾ Apr 23
1,250	8,090	$8 preferred	*	91¼	Sale	117½	Sale	110	Sale	106 May 27	117½ May 1	91⅛ Jan 3	117½ Apr 30
16,300	81,000	General Bancshares Corp	2	9	Sale	9	Sale	8¾	Sale	8¾ May 27	9⅛ May 1	8⅜ Apr 8	9⅜ Jan 24
6,700	34,600	General Bronze Corp	5	13¾	14	15	Sale	14	14⅜	14 May 15	15 May 1	14 Jan 3	16⅛ Jan 24
62,200	264,600	General Cable Corp com	*	36½	Sale	51⅝	Sale	52	Sale	49⅝ May 7	52¾ May 9	36½ Jan 2	52¾ May 9
520	2,040	4% 1st preferred	100	83½	84¼	86	86½	87	Sale	86 May 3	87¾ May 29	83¾ Jan 15	88 Feb 27
25,000	140,000	General Cigar Inc	1	30¼	Sale	33⅝	Sale	31½	Sale	30⅛ May 27	34 May 1	29¼ Jan 4	34 Apr 29
26,000	121,300	Gen Contract Fin Corp	2	5	5⅛	4⅞	Sale	5	Sale	4½ May 24	5 May 9	4½ May 24	5⅝ Mar 22
24,600	148,500	General Controls Co	5	14¾	Sale	16⅛	Sale	—	—	16⅓ May 1	16⅝ May 9	14¾ Jan 2	16⅝ May 9
202,000	1,313,200	Gen Dynamics Corp	1	28⅝	Sale	27	Sale	25½	Sale	25⅛ May 29	27 May 1	25⅛ Mar 1	29⅝ Feb 7
383,700	1,630,700	General Electric Co	5	76⅜	Sale	79¼	Sale	84	Sale	79 May 1	84¼ May 31	71¾ Mar 6	84¼ May 31
6,500	36,200	General Finance Corp	1	40	Sale	40¾	Sale	43⅛	Sale	40¾ May 1	44 May 29	39¼ Jan 25	44⅞ Feb 14
134,300	525,000	General Foods Corp	*	77⅞	Sale	80⅛	Sale	81⅞	Sale	78⅝ May 7	82¾ May 17	77⅝ Mar 4	85½ Feb 4
100,700	435,700	General Instrument Corp	1	11⅜	Sale	12⅞	Sale	13	Sale	11⅞ May 16	13⅛ May 20	11 Apr 18	13⅝ Feb 21
95,400	535,600	General Mills com	3	31⅝	Sale	35¾	Sale	37	Sale	34¼ May 16	37¼ May 31	31⅜ Jan 2	38 Apr 5
1,270	7,130	5% preferred	100	114	115	114½	Sale	115¼	Sale	114¼ May 7	116 May 21	113 Apr 16	116½ Feb 1
834,600	4,551,700	Gen Motors Corp com	1⅔	58	Sale	68⅝	Sale	73¼	Sale	68⅝ May 1	73⅜ May 10	57⅞ Jan 2	73⅜ May 10
8,800	48,400	$5 preferred	*	114	Sale	115⅜	Sale	116¾	Sale	115 May 2	116¾ May 31	114 Jan 2	118 Mar 20
5,400	43,200	$3.75 preferred	*	87¼	Sale	90⅝	Sale	90¾	Sale	90 May 27	92¾ May 13	87 Jan 3	95½ Mar 1
16,000	77,200	General Outdoor Advert'g	15	37	Sale	33⅛	Sale	32⅜	Sale	32 May 7	33¼ May 2	32 May 7	40⅜ Jan 15
74,800	692,500	Gen Portland Cement	1	17½	Sale	22⅝	Sale	21⅞	Sale	21¼ May 28	23⅛ May 10	17½ Jan 2	23⅛ May 10
205,300	519,300	Gen Precision Equip com	1	34¼	Sale	37¼	Sale	42⅝	Sale	37¼ May 1	43⅝ May 31	33 Mar 19	43⅝ May 31
1,990	3,990	$1.60 conv preferred	*	38	40	38¾	Sale	38¼	Sale	38⅛ May 21	39½ May 1	37½ Jan 10	39½ May 1
93,700	426,700	General Public Service	10c	5⅝	Sale	5⅞	Sale	5¾	Sale	5¾ May 1	5⅞ May 1	5½ Jan 3	5⅞ Jan 8
76,900	443,900	Gen Public Utilities	2.50	32⅛	Sale	34⅛	Sale	33¾	Sale	33⅛ May 16	34⅝ May 10	31¾ Jan 4	34⅞ Feb 14
48,900	231,800	General Refractories	5	114	Sale	14⅞	Sale	15⅛	Sale	14¼ May 7	15⅜ May 13	11¼ Jan 2	15⅜ Apr 22
20,900	386,900	General Signal Corp	6.67	26⅞	Sale	30	Sale	32⅞	Sale	29⅛ May 6	33¼ May 16	26⅞ Jan 2	33⅝ Apr 15
‡81,000	270,400	General Steel Industries	1	—	—	28½	Sale	30⅞	Sale	27½ May 7	31¼ May 21	‡21⅛ Mar 1	31¼ May 21
2,400	11,400	General Tel Co of Florida— $1.30 pfd series B	25	26¾	27	27½	Sale	27⅜	Sale	27⅛ May 8	27⅞ May 20	26½ Jan 22	27⅞ Mar 27
2,700	9,000	$1.25 preferred	25	27¼	28	26⅝	Sale	27¼	Sale	26½ May 7	27¼ May 31	26½ May 7	27½ Jan 8
492,400	2,686,200	General Telephone & Electronics Corp	3.33⅓	22⅞	Sale	26	Sale	26	Sale	25⅝ May 6	26¾ May 15	22⅞ Jan 2	26¾ May 15
133,900	557,200	General Time Cirp	2.50	10⅜	Sale	11⅞	Sale	11¾	Sale	10⅞ May 7	12¾ May 14	9⅝ Mar 19	12¾ May 14
287,400	1,637,100	General Tire & Rubber Co— Common	30c	21	Sale	27⅝	Sale	25¾	Sale	24½ May 27	27⅞ May 1	20⅝ Jan 3	27⅞ May 1
690	4,340	$5 preference	100	101¼	Sale	100¾	Sale	101½	102½	100¾ May 1	103 May 3	100 Apr 16	103 Mar 25
660	2,690	5½% preference	100	103	Sale	103	104	103	105	103 May 9	104¾ May 29	101¼ Jan 4	107 Feb 21
48,700	272,200	Genesco Inc common	1	35¾	Sale	36½	Sale	36¼	Sale	35½ May 8	36½ May 1	35 Jan 14	38⅜ Apr 8
4,900	20,500	$4.50 conv preferred	*	—	—	103⅜	Sale	104¼	Sale	103 May 1	104¼ May 22	101¾ Mar 12	104¼ Apr 8
118,700	560,600	Georgia-Pacific Corp	80c	47⅜	Sale	50¾	Sale	50⅝	Sale	49¾ May 16	52¾ May 9	43½ Mar 6	52¾ Apr 15
18,300	79,100	Gerber Products	5	55	Sale	61	Sale	63¾	Sale	60¾ May 1	67 Map 16	52 Jan 10	67 May 16
161,400	1,088,100	Getty Oil Co	4	18⅛	Sale	22½	Sale	21¾	Sale	21⅛ May 24	24⅜ May 2	17½ Jan 10	24⅜ May 2
34,000	167,300	Giant Portland Cement Co	1	14¾	Sale	14⅝	Sale	14⅜	Sale	14¼ May 10	15 May 16	14¼ Apr 30	16⅞ Jan 25
21,900	125,100	Gibraltar Financial	1	28⅞	Sale	32½	Sale	29½	Sale	28½ May 24	32⅞ May 3	27½ Jan 24	36¾ Apr 15
4,700	20,500	Gibson Greeting Cards Inc	5	33½	Sale	34	34¼	35⅞	Sale	34 May 3	36¾ May 15	33¼ Mar 18	36¾ May 15
489,700	2,792,800	Gillette (The) Co	1	30¾	Sale	33¾	Sale	34⅛	Sale	31½ May 22	35¼ May 2	28 Jan 11	36¾ Apr 8
80,500	221,500	Gimbel Brothers	5	33¼	Sale	37¼	Sale	37⅞	Sale	35¾ May 8	39 May 16	33 Jan 3	41½ Apr 9
35,300	190,200	Ginn & Co	1	23½	Sale	28¾	Sale	28⅞	Sale	27¾ May 3	30 May 15	23½ Jan 2	30 May 15
429,900	1,125,800	Glen Alden Corp	1	10	Sale	13	Sale	15⅛	Sale	12⅞ May 1	15½ May 23	9⅝ Jan 2	15½ May 23
23,100	100,100	Glidden Co	10	36¼	Sale	39¼	Sale	41¼	Sale	38¾ May 6	41⅜ May 29	36⅛ Jan 2	41⅜ May 29
6,600	54,200	Globe-Union Inc	5	20	Sale	18⅜	Sale	18½	Sale	18⅛ May 28	19 May 15	17⅞ Apr 30	25 Feb 18
16,600	65,900	Globe-Wernicke Inc	5	12¾	Sale	12⅛	Sale	12⅛	Sale	12 May 1	12½ May 7	11¼ Mar 6	13½ Jan 9
225,600	919,000	Goodrich (B F) Co	10	42⅝	Sale	49⅝	Sale	51	Sale	49½ May 2	52½ May 20	42½ Jan 2	52½ May 20
212,000	996,100	Goodyear Tire & Rubber	*	33½	Sale	37⅛	Sale	37⅛	Sale	35½ May 27	37¾ May 16	31⅝ Mar 1	37⅞ May 16
14,100	69,300	Gould-Natl Batteries Inc	4	36¾	Sale	38½	Sale	39¾	Sale	37⅝ May 2	40½ May 29	35¼ Mar 19	42½ Feb 11
194,700	891,900	Grace (W R) & Co	1	40¼	Sale	43¼	Sale	48⅜	Sale	43¼ May 1	48⅝ May 31	37⅝ Feb 28	48⅝ May 31
12,800	47,600	Granby Consolidated Mining Smelting & Power Ltd	5	17¾	18	20¾	Sale	19¾	Sale	19 May 24	20⅞ May 1	16⅜ Apr 4	21⅞ Apr 25
74,400	403,300	Grand Union Co	5	15⅝	Sale	18	Sale	18½	Sale	17¾ May 2	19 May 14	15½ Jan 2	19¾ Apr 16
173,300	461,800	Granite City Steel	6.25	27⅜	Sale	30½	Sale	30¼	Sale	28⅛ May 21	30½ May 1	27⅜ Jan 2	33¼ Apr 22
34,400	154,100	Graniteville Co	5	12⅝	Sale	15	Sale	15	Sale	14 May 20	15⅛ May 1	12⅝ Jan 2	15⅜ Apr 22
53,400	260,500	Grant (W T) Co com	2.50	20⅛	Sale	25⅝	Sale	25½	Sale	25 May 20	26⅞ May 9	20⅛ Jan 2	26⅞ May 9
460	3,120	3¾% preferred	100	81¾	Sale	84	85	85¼	86	84¼ May 8	86¼ May 24	81¼ Jan 8	86¼ May 24
36,000	321,400	¶Grayson-Robinson Stores	1	3⅛	Sale	2⅝	Sale	2¾	Sale	2½ May 2	3⅛ May 16	2⅛ Jan 4	4½ Jan 11
209,500	731,800	Great Atlantic & Pac Tea	1	39½	Sale	45⅜	Sale	47⅞	Sale	45⅛ May 8	48⅞ May 27	39⅜ Jan 2	49⅞ Apr 4
27,900	172,100	Great North Iron Ore Prop	*	14¼	Sale	16½	Sale	16⅜	Sale	16 May 7	16⅝ May 2	14⅛ Jan 2	17 Apr 25
29,600	130,300	Great Northern Paper Co	25	35½	Sale	40½	Sale	42½	Sale	39¼ May 6	46 May 22	35 Jan 2	46 May 22
97,900	500,100	Great Northern Ry	*	43⅝	Sale	49⅜	Sale	54	Sale	48⅝ May 6	54¼ May 27	43⅝ Jan 2	54¼ May 27
235,700	2,129,500	Great Western Financial	1	18	Sale	21⅛	Sale	21	Sale	19¼ May 27	21¾ May 2	16⅞ Jan 24	24½ Apr 15
218,400	305,600	Great Western Sugar com	*	33⅞	Sale	40	Sale	42	Sale	39¼ May 6	51¼ May 21	33⅞ Jan 2	51¼ May 21
1,280	5,830	7% preferred	100	144¼	145½	149½	151	152	Sale	149⅛ May 6	153 May 28	143 Jan 4	154 Feb 8
18,900	86,500	Green Shoe Mfg Co	3	29¼	Sale	28⅝	Sale	27¾	Sale	27¼ May 29	29⅜ May 3	27¼ May 29	30⅜ Mar 18
177,000	642,800	Greyhound Corp common	3	31⅝	Sale	42	Sale	42¾	Sale	39½ May 21	44⅜ May 2	31½ Jan 2	44⅜ May 2
9,300	53,200	4½% conv pref	50	62	Sale	84	Sale	82½	Sale	80½ May 20	88½ May 2	61½ Jan 3	88½ May 2
121,100	594,900	Grumman Aircraft Eng Corp	1	44¾	Sale	50½	Sale	48	Sale	47¼ May 27	52½ May 13	41½ Jan 24	52½ May 13
43,000	253,500	Gulf Mobile & Ohio RR	*	30⅜	Sale	38¾	Sale	39¾	Sale	38¾ May 1	41⅝ May 15	30⅛ Jan 2	41⅝ May 15
2,400	6,400	$5 preferred	*	82	Sale	87	88¼	90¼	Sale	87¼ May 2	90½ May 28	82 Jan 2	92 Feb 8
479,600	2,233,400	Gulf Oil Corp	8.33⅓	39⅞	Sale	46½	Sale	45⅜	Sale	44⅝ May 24	46⅝ May 1	38⅛ Jan 4	46⅞ Apr 30
77,100	571,100	Gulf States Utilities com	*	34¼	Sale	36¾	Sale	36¾	Sale	36 May 27	38 May 3	34 Jan 2	39¾ Mar 28
800	1,120	$4.20 preferred	100	93½	95½	95	97	97⅝	Sale	97 May 14	97⅝ May 28	95 Jan 18	97⅝ May 28
1,510	4,120	$4.40 preferred	100	95¼	96¼	96½	98	98⅜	Sale	96 May 6	98½ May 6	95 Apr 17	100¼ Feb 28
90	940	$4.44 preferred	100	97½	100	100⅝	102	101	102	100½ May 15	101 May 27	99¾ Feb 6	101½ Feb 28
340	670	$5 preferred	100	107	108	106¼	107	106	106¾	106 May 23	106¾ May 16	106 Feb 15	108½ Jan 30
1,130	1,820	$5.08 preferred	100	106½	108	107½	108¼	107½	109	107½ May 15	109 May 21	106 Feb 20	109 May 21
46,100	147,000	Gustin-Bacon Mfg Co	2.50	20⅝	Sale	17½	Sale	18¾	Sale	17¼ May 2	20¼ May 13	17⅛ Apr 19	22½ Jan 7
2,200	16,200	Hackensack Water	12.50	37	Sale	38½	Sale	37¾	Sale	37¾ May 31	39⅛ May 16	36 Jan 7	40 Jan 22
7,400	30,200	Hall (W. F.) Printing	5	29½	Sale	30½	Sale	32⅛	Sale	29½ May 1	32⅜ May 20	29 Apr 29	32¾ Feb 6
88,100	318,800	Halliburton Co	5	51¾	Sale	51½	Sale	54⅜	Sale	51½ May 1	54⅝ May 31	48½ Feb 12	54⅝ May 31
130.400	460,700	Hallicrafters Co	1	12½	Sale	13⅝	Sale	14⅛	Sale	12½ May 20	15⅛ May 27	12¼ Feb 12	15⅛ May 27
6,400	28,400	Hamilton Watch common	1	25⅜	Sale	26⅜	Sale	26¾	Sale	26 May 1	27¼ May 20	22⅜ Feb 6	27½ Apr 10
270	1,080	4% conv preferred	100	95	99¾	103	106	107	Sale	105 May 9	107 May 21	93 Feb 4	107½ Apr 26
10,800	48,800	Hammermill Paper Co	2.50	29½	Sale	32¾	Sale	32⅝	Sale	32⅝ May 6	33¼ May 15	29¼ Jan 2	33⅞ Apr 9
89,900	281,200	Hammond Organ Co	1	22⅜	Sale	22⅞	Sale	23	Sale	22¼ May 1	25 May 21	21⅛ Feb 6	25 May 21
213,100	808,900	Hanna (M A) Co	2.50	26⅝	Sale	32	Sale	32⅝	Sale	31⅜ May 7	33⅛ May 20	26¼ Jan 3	33⅛ May 20
50,800	293,700	Harbison Walker Refrac— Common	7.50	32¼	Sale	36⅛	Sale	35	Sale	35 May 24	38 May 3	31⅝ Jan 7	38 May 3
230	710	6% preferred	100	127½	128	129¼	Sale	131	Sale	127 May 10	132 May 23	126 Jan 22	132 Apr 5
17,700	156,700	Harcourt Brace & World Inc	1	28	Sale	34¼	34⅝	34	Sale	33⅜ May 28	35 May 10	28 Jan 2	35 May 10
49,300	165,900	Harris-Intertype Corp	1	52¼	Sale	46¼	Sale	46⅜	Sale	43½ May 2	46¾ May 29	43½ May 2	52¾ Jan 10
58,300	229,300	Harsco Corp	1.25	32⅜	Sale	33⅛	Sale	34⅝	Sale	31½ May 3	34⅞ May 31	30¾ Feb 28	34⅞ May 31
16,700	86,400	Harshaw Chemical Co	5	19	Sale	19⅜	Sale	19⅛	Sale	18½ May 9	19⅜ May 1	18½ May 9	21⅝ Jan 9
‡14,500	29,300	Hart Schaffner & Marx	5	—	—	34	Sale	36⅛	Sale	33⅜ May 13	37 May 23	‡32⅜ Mar 20	37 May 23
87,200	320,100	Harvey Aluminum Inc	1	17¾	Sale	21⅞	Sale	21⅜	Sale	20⅝ May 28	23½ May 6	17¾ Jan 2	23½ May 6
8,700	58,700	Hat Corp of America com	1	8	Sale	8⅜	Sale	7⅝	Sale	7½ May 29	8⅜ May 1	7½ Mar 26	9 Feb 11
310	1,410	5% preferred	50	39¾	41	42½	43¾	43¼	44¼	43 May 20	43½ May 27	40½ Jan 16	44 Apr 11
160,000	532,200	Haveg Industries	40c	19⅞	Sale	32⅜	Sale	35⅛	Sale	29¾ May 1	36¼ May 20	19¾ Jan 2	36¼ May 20
40,100	54,200	Hawaiian Telephone Co	5	—	—	24⅛	Sale	22⅜	Sale	22¼ May 31	25¼ May 3	22¼ May 31	25¼ May 3
‡93,700	154,700	Hayes Industries Inc new	5	28¼	Sale	25⅝	Sale	28⅛	Sale	25¼ May 1	29⅞ May 20	‡24⅜ Apr 10	29⅞ May 20
47,200	262,500	Hazeltine Corp	*	20	Sale	23¼	Sale	22⅜	Sale	21¼ May 31	23⅞ May 9	20 Jan 2	25⅝ Feb 20
35,400	215,100	Heinz (H J) Co com	8.33⅓	46⅜	Sale	43¾	Sale	43¾	Sale	41½ May 23	44⅞ May 6	39 Apr 2	49¾ Jan 16
520	1,230	3.65% preferred	100	85½	87	89	90½	89	91	89 May 8	89 May 8	85⅝ Feb 19	89 Apr 29
52,100	229,200	Helene Curtis Indus cl A	1	26⅝	Sale	24	Sale	25⅛	Sale	23½ May 1	26⅜ May 9	22⅝ Apr 23	30¾ Jan 8
73,200	346,400	Heller (W. E.) & Co	25c	17⅞	Sale	16¼	Sale	14⅝	Sale	14⅝ May 23	16¼ May 1	14½ Apr 22	18⅞ Jan 24
5,700	18,400	Helme (G W) Co common	10	35¼	36	37¾	Sale	40¼	Sale	37¾ May 1	41½ May 22	35 Jan 8	41½ May 22
1,020	4,330	7% non-cum preferred	25	37¼	38	37⅜	37¾	38	Sale	37⅝ May 8	38⅛ May 16	37 Apr 5	38⅛ May 16
31,400	69,000	Helmerich & Payne	10c	—	—	11⅜	Sale	11	Sale	10⅝ May 14	11⅝ May 15	§9⅝ Jan 2	13⅛ Feb 28

For footnotes, see page 29.

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Aggregate Sales in May Shares	Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
		Hercules Powder Co—											
183,500	754,700	Common	1 1/24	41½	Sale	37¾	Sale	38⅛	Sale	36 May 10	39⅝ May 27	36 May 10	43½ Jan 16
440	1,080	5% preferred	100	115	117	116	117½	116¼	117⅝	115 May 13	117 May 2	115 Mar 1	118 Mar 11
400	3,200	$2 conv class A pfd	*	67	70	62	68¾	63	Sale	62 May 8	63 May 31	62 May 8	69 Jan 11
54,100	234,400	Hershey Chocolate	*	32⅝	Sale	35⅝	Sale	32⅞	Sale	31¾ May 21	36⅜ May 8	31⅛ Mar 26	37 Apr 4
89,700	331,900	Hertz Co (The)	1	44⅝	Sale	50⅞	Sale	53⅜	Sale	48⅝ May 3	53½ May 31	41¾ Feb 12	53½ May 31
143,100	380,300	Hess Oil & Chemical	50c	13¾	Sale	16⅜	Sale	15⅜	Sale	15 May 17	17¼ May 3	13⅛ Feb 20	17¼ May 3
74,400	358,300	Heublein Inc	1	16⅞	Sale	21	Sale	20⅝	Sale	20⅛ May 6	22¼ May 16	16¾ Jan 2	22¼ May 16
13,100	61,000	Hewitt-Robins Inc	5	19¾	Sale	21⅝	Sale	23	Sale	21⅝ May 1	24⅛ May 14	19⅝ Jan 3	24⅜ Feb 1
67,600	404,400	Hewlett-Packard Co	1	24¼	Sale	22¾	Sale	22¼	Sale	21⅛ May 21	23¼ May 1	18½ Apr 9	27¼ Jan 14
		Heyden Newport Chemical—											
118,900	419,500	Common	1	15	Sale	18½	Sale	20⅛	Sale	18½ May 1	21⅛ May 31	14⅞ Jan 2	21⅛ May 31
1,200	2,940	3½% preferred ser A	100	74	75	76¼	77	83	Sale	76 May 7	83 May 31	74 Jan 4	83 May 31
272,700	374,300	High Voltage Engineering	1	—	—	29½	Sale	37¼	Sale	27⅝ May 6	37¼ May 31	25¼ Apr 17	36⅝ May 20
16,100	39,400	Hill Corp	5	5⅞	6⅜	8⅞	9	9⅜	Sale	8¾ May 9	10½ May 17	6 Jan 8	10½ May 17
72,400	245,200	Hilton Hotels Corp	2.50	27⅞	Sale	25⅜	Sale	24¾	Sale	24½ May 31	25⅜ May 1	24½ May 31	28⅞ Jan 25
35,100	131,400	Hoffman Electronics Cp	50c	9½	Sale	8¼	Sale	8¾	Sale	7⅞ May 9	9⅜ May 10	7½ Apr 3	10⅜ Jan 4
7,700	60,400	Holland Furnace	5	3¾	Sale	4¾	Sale	4⅜	Sale	4¼ May 16	5 May 2	3¾ Jan 2	5⅛ Apr 26
300,200	362,900	Holly Sugar Corp	10	30	Sale	38⅜	Sale	44¾	Sale	34⅞ May 9	51½ May 21	30 Jan 2	51½ May 21
44,500	159,000	Holt Rinehart & Winston	1	29¾	Sale	30¼	Sale	31	Sale	28½ May 13	31 May 31	27⅜ Mar 19	32¼ Feb 8
30,800	213,200	Homestake Mining	12.50	43¼	Sale	46	Sale	48½	Sale	45½ May 10	49¼ May 15	43¼ Jan 2	52⅛ Feb 11
102,400	381,400	Hooker Chemical Corp com	5	35	Sale	34¼	Sale	36¼	Sale	32½ May 6	36½ May 31	32½ May 6	37½ Feb 15
620	2,460	$4.25 preferred	*	93	93¾	95	97	98	98⅞	96 May 7	104½ May 20	93 Jan 3	99 May 9
230	1,880	$5 2nd preferred ser C	*	101½	Sale	104¼	Sale	102½	103½	103½ May 28	106½ May 9	101½ Jan 2	106½ May 9
26,900	115,200	Hoover Ball & Bearing Co	5	30⅝	Sale	39	Sale	47	Sale	39 May 1	48¼ May 31	28 Feb 1	48¼ May 31
26,300	90,600	Hotel Corp of America	1	2¾	2⅞	3	Sale	2⅞	Sale	2¾ May 21	3⅛ May 1	2¾ Jan 21	3¼ Feb 15
900	4,500	5% conv preferred	25	15¼	Sale	16	16½	17	Sale	16 May 9	17 May 31	15¼ Jan 2	17 May 31
93,700	165,800	Houdaille Indus Inc com	3	18⅝	Sale	22¾	Sale	27¼	Sale	22⅝ May 2	27⅜ May 29	18⅝ Jan 2	27⅜ May 29
1,700	11,700	$2.25 conv preferred	50	40⅜	Sale	44	44½	45¼	46	44½ May 3	47⅜ May 10	40⅜ Jan 2	47⅜ May 10
134,800	374,100	Household Finance com	*	47¼	Sale	51⅝	Sale	55¼	Sale	50¾ May 7	55¾ May 31	45½ Jan 9	55¾ May 31
740	3,090	3¾% preferred	100	80½	81¾	84½	86	82	84½	81 May 15	85 May 21	80½ Jan 8	88 Mar 26
360	610	4% preferred	100	87½	89	91	92	90	Sale	89⅞ May 29	91½ May 15	88¼ Jan 23	92½ Mar 21
1,000	1,410	4.40% preferred	100	97½	98½	98½	100	98½	100	100 May 9	100 May 9	97½ Apr 3	100 May 9
24,000	166,000	Houston Light & Power	*	115¼	Sale	127¾	Sale	—	—	125½ May 2	128¾ May 17	114 Jan 2	129½ Apr 5
‡80,600	84,900	New common	*	—	—	42¾	Sale	45¼	Sale	42 May 6	47¾ May 23	‡42 May 6	47¾ May 23
30,200	140,300	Howard Johnson Co	1	39⅝	Sale	44½	Sale	49¾	Sale	44½ May 1	50 May 20	39⅝ Jan 2	50 May 20
9,700	46,100	Howard Stores Corp	1	9⅝	Sale	13⅛	Sale	12	Sale	11¾ May 20	13⅜ May 1	9⅝ Jan 2	13⅜ Apr 24
86,000	292,100	Howe Sound Co	1	12⅝	Sale	11½	Sale	12½	Sale	11½ May 1	13⅜ May 23	11⅛ Jan 2	13⅜ May 23
		Hudson Bay Mining &											
14,700	60,900	Smelting Co Ltd	*	47½	Sale	54½	Sale	52⅜	Sale	51½ May 24	55¼ May 6	47⅜ Jan 2	55¼ May 6
		Hunt Foods & Industries—											
155,100	532,600	Common	5	32⅞	Sale	29¼	Sale	34⅞	Sale	28¾ May 3	35⅞ May 29	28¾ May 3	35⅞ May 29
430	8,980	5% preferred ser A	100	98¼	99	101	102½	101	101½	100½ May 17	101⅛ May 8	98¼ Jan 10	102 Apr 29
430	1,580	5% preferred ser B	100	98	99½	101	Sale	102	Sale	100 May 15	102 May 31	98¾ Feb 20	102 May 31
80,700	475,400	Hupp Corp common	1	7⅞	Sale	7¼	Sale	7⅛	Sale	7⅛ May 6	7½ May 15	6⅞ Mar 20	8¾ Jan 14
800	3,200	5% preferred ser A	50	40¾	41½	42¾	43¾	43¼	44½	42¼ May 6	43¾ May 24	40⅝ Jan 8	43¾ Apr 5
9,900	57,400	Hussmann Refrigerator	5	16¼	Sale	16⅞	Sale	17¼	17½	16½ May 13	17½ May 23	16⅛ Jan 30	18 Apr 5
34,800	172,900	Idaho Power Co	5	33	Sale	35	Sale	36	Sale	34¼ May 17	36½ May 23	32½ Jan 2	36½ May 23
97,100	321,700	Ideal Cement Co	5	21⅞	Sale	24⅞	Sale	26¼	Sale	24¼ May 16	26⅞ May 24	21 Mar 18	26⅞ May 24
95,200	177,300	Illinois Central Industries	*	—	—	49½	Sale	54	Sale	47½ May 7	54⅜ May 29	45⅛ Apr 5	54⅜ May 29
25,600	307,600	Illinois Central RR Co	*	39⅜	Sale	50½	Sale	53⅞	Sale	50 May 7	54⅛ May 24	39⅜ Jan 2	54⅛ May 24
		Illinois Power Co—											
92,800	301,200	Common	15	38¾	Sale	38⅜	Sale	41¼	Sale	38 May 8	41½ May 29	34½ Mar 6	41½ May 29
590	6,050	4.08% preferred	50	46	46½	46¼	47	46½	47	46½ May 23	47 May 13	45⅞ Jan 8	48 Feb 21
220	760	4.26% preferred	50	48	48½	47	48	47½	48¼	47¼ May 13	48 May 6	47 Apr 29	49 Mar 11
440	3,810	4.70% preferred	50	51½	52½	51⅝	52	52	52¼	51¾ May 23	52¼ May 20	51¼ Feb 25	53 Jan 30
40	180	4.42% preferred	50	49¼	50	49	50½	49¼	50½	49 May 14	50 May 20	49 May 14	50⅞ Mar 20
200	2,750	4.20% preferred	50	47½	48	48¼	49¼	48	49	48 May 20	49 May 28	47 Jan 7	49½ Feb 20
53,800	172,000	Indiana General Corp	1	30¼	Sale	31⅝	Sale	33⅜	Sale	30½ May 10	34½ May 22	27½ Apr 22	36¾ Jan 29
31,000	108,200	Indianapolis Power & Lt	*	30	Sale	30⅝	Sale	31¾	Sale	30 May 22	32¼ May 9	29⅝ Feb 25	33 Jan 31
		Industria Electrica											
4,300	25,700	De Mexico S A	100p	5⅞	6	6	6⅛	5⅞	Sale	5⅞ May 20	6⅛ May 2	5⅞ Jan 28	6¼ Jan 9
48,100	282,400	Ingersoll-Rand common	*	66¼	Sale	76¼	Sale	80¼	Sale	75½ May 2	81 May 27	65 Jan 2	81 May 27
----	70	6% preferred	100	153½	160	155	162½	155	162½	---- ----	---- ----	155 Jan 28	155 Jan 28
153,200	628,700	Inland Steel Co	*	37½	Sale	39⅜	Sale	42¾	Sale	38 May 2	42¾ May 31	36 Mar 1	42¾ May 31
11,800	129,600	Inspiration Cons Copper	20	53	Sale	65¾	Sale	—	—	65⅝ May 1	70¾ May 10	52¾ Jan 2	66½ Feb 11
‡61,100	68,000	New common	10	—	—	33	Sale	36½	Sale	33 May 1	38⅜ May 23	‡33 Apr 23	38⅜ May 23
36,900	151,700	Interchemical Corp com	5	31¼	31½	34	Sale	34⅜	Sale	33½ May 2	35 May 15	30⅝ Feb 4	35⅞ Apr 10
1,110	2,780	4½% preferred	100	97¼	97½	98	98½	98	99¼	97½ May 22	99 May 27	96 Mar 5	99 May 27
19,800	104,800	Interlake Iron Corp	1	23½	Sale	25⅜	Sale	25⅝	Sale	24⅞ May 6	26 May 29	23½ Jan 2	26¾ Apr 15
152,800	1,117,300	Int'l Business Machines	5	388½	Sale	462¼	Sale	477¼	Sale	457½ May 7	478½ May 31	384¼ Jan 2	478½ May 31
160,100	543,600	Inter Harvester common	*	49¾	Sale	60¼	Sale	59¼	Sale	58¼ May 29	63⅛ May 20	49½ Jan 2	63⅛ May 20
9,810	152,780	7% preferred	100	157⅛	Sale	160⅞	Sale	162	Sale	160⅞ May 1	162½ May 2	157⅛ Jan 2	175 Jan 17
		International Minerals &											
84,600	282,200	Chemical Corp com	5	41¾	Sale	50¾	Sale	55⅝	Sale	50⅜ May 1	56⅝ May 22	40¼ Jan 3	56⅝ May 22
500	2,900	4% preferred	100	83	85½	83½	85¼	85¾	88	84 May 6	86 May 24	83¾ Jan 15	86¼ Feb 11
‡4,200	15,500	International Mining	1⅔	—	—	9⅝	Sale	9¾	10¼	9½ May 2	10⅛ May 23	‡9⅜ Apr 30	11¼ Jan 30
132,400	811,000	Internatl Nickel of Canada	*	62⅜	Sale	64⅝	Sale	64⅛	Sale	63⅛ May 27	66 May 6	58½ Mar 12	68¼ Feb 1
90,700	963,900	International Packers Ltd	1	17¾	Sale	17⅞	Sale	17⅞	Sale	17 May 7	19 May 21	16¾ Apr 15	20¾ Mar 14
		International Paper—											
298,400	1,615,000	Common	2.50	26⅜	Sale	32	Sale	31⅝	Sale	30⅜ May 8	32½ May 20	26⅛ Jan 2	32½ Apr 8
1,500	5,300	$4 preferred	*	98½	Sale	99¼	100½	99½	Sale	99¼ May 20	99¾ May 20	98 Jan 16	99¾ May 20
12,200	75,100	Intl Pipe & Ceramics Corp	1	28	29	29¾	Sale	32	Sale	29¾ May 1	33 May 13	26¾ Feb 18	33 Mar 20
3,000	27,700	5% conv preferred	100	104¼	Sale	107	Sale	110½	Sale	106⅝ May 6	111 May 21	104 Jan 4	111 May 21
2,000	11,100	Internatl Rys of Cent Am	*	10¾	11⅛	8	8¼	8⅛	Sale	7½ May 27	8¾ May 6	7½ May 27	11 Jan 29
2,210	22,720	5% preferred	100	49	50	52¼	Sale	52¾	Sale	50¼ May 10	54¼ May 29	48½ Jan 21	64⅞ Jan 25
46,500	223,400	International Rectifier	1	9⅛	Sale	8⅜	Sale	8¼	Sale	7⅝ May 7	8½ May 1	7⅝ May 7	10⅝ Jan 28
32,900	279,700	Int'l Resistance Co	10c	27⅝	Sale	22⅝	Sale	22⅝	Sale	21½ May 1	23¾ May 13	20⅛ Apr 22	29⅜ Feb 7
18,800	47,200	International Salt	*	71¾	Sale	80½	Sale	83	Sale	80 May 13	85 May 2	71 Mar 4	85 May 2
22,100	131,000	International Shoe Co	*	25⅛	Sale	27⅝	Sale	27¼	Sale	26¼ May 14	27⅝ May 1	25⅛ Jan 2	28¼ Apr 23
		International Silver—											
25,800	147,000	Common	1	34⅝	Sale	36⅛	Sale	37	Sale	35¾ May 7	47⅜ May 29	34⅝ Jan 2	41¾ Jan 25
100	400	7% preferred	25	39⅛	40½	39⅛	40	39	40	39⅛ May 22	39⅛ May 22	39⅛ Jan 18	39⅛ Jan 18
192,600	794,500	International Tel & Tel	*	42½	Sale	47⅛	Sale	48⅛	Sale	46⅝ May 29	49⅜ May 9	41¾ Jan 2	49⅜ May 9
3,970	10,720	4% conv pfd series B	100	100¼	Sale	103¾	104½	103¼	Sale	101¾ May 15	104½ May 7	99½ Jan 3	106 Apr 5
12,140	12,140	4% conv pfd series C	100	—	—	—	—	101½	Sale	101¼ May 22	102⅜ May 29	101¼ May 22	102⅜ May 29
10,400	43,500	International Utilities	5	40¾	41	47⅞	Sale	51	Sale	47⅞ May 1	51 May 31	40¾ Jan 3	51 May 31
‡100	100	When issued	2.50	—	—	—	—	24¾	25¾	24⅜ May 15	24⅜ May 15	‡24⅜ May 15	24⅜ May 15
9,300	41,000	$2 conv preferred	25	44½	Sale	49⅞	Sale	50¾	Sale	48¾ May 21	50¾ May 31	44½ Jan 2	50¾ May 31
94,500	439,100	Interstate Dept Stores	1	28⅝	Sale	38¾	Sale	38⅝	Sale	36¾ May 6	40⅜ May 21	28¼ Jan 2	40⅜ May 21
30,200	134,000	Interstate Power Co	3.50	23⅞	Sale	27⅞	Sale	26¾	Sale	26¾ May 13	28¼ May 2	23⅞ Jan 2	28¼ May 2
563,200	563,200	Rights		—	—	—	—	5/64	Sale	5/64 May 31	11/64 May 24	5/64 May 31	11/64 May 24
4,000	35,300	Iowa Elec Light & Pw Co	5	56	Sale	61½	62	63¼	Sale	61¾ May 2	63½ May 22	56 Jan 2	63½ Feb 5
‡700	700	When issued	2.50	—	—	—	—	31⅝	Sale	31½ May 24	31⅞ May 28	‡31½ May 24	31⅞ May 28
14,900	66,400	Iowa-Illinois Gas & Elec	1	49¼	Sale	54¼	Sale	54⅛	Sale	53⅛ May 16	54½ May 3	49 Jan 3	55½ Apr 3
51,400	160,300	Iowa Power & Light Co	10	50	Sale	56	Sale	57¾	Sale	55½ May 3	58½ May 21	49⅝ Jan 3	58 May 21
39,100	238,800	Island Creek Coal com	50c	19¾	Sale	23¾	Sale	24¼	Sale	23½ May 28	24⅞ May 16	19¾ Jan 2	27 Mar 25
50	560	$6 preferred	1	120	122½	124	125	123½	125	124 May 3	125 May 3	121 Apr 16	125 May 3
22,400	121,000	I-T-E Circuit Breaker Co	5	14	Sale	15¾	Sale	17	Sale	15¾ May 1	17⅜ May 20	13⅞ Jan 2	17⅞ Apr 23
26,300	70,300	Jaeger Machine Co	5	10⅛	Sale	12⅜	Sale	13½	Sale	12⅛ May 2	13¾ May 6	10 Jan 2	13¾ May 6
23,000	113,100	Jefferson Lake Sulphur Co	1	16	Sale	15½	Sale	15¼	Sale	14⅜ May 7	15¾ May 1	14⅜ May 7	19¼ Feb 1
		Jersey Central Pwr & Lt—											
1,090	5,340	4% preferred	100	86	Sale	87¼	Sale	88	89½	86¾ May 7	90 May 15	84¼ Jan 7	90 May 15
14,400	111,800	Jewel Tea Inc common	1	50¼	Sale	60	Sale	57	Sale	55 May 20	60½ May 1	50⅛ Jan 29	61¼ Apr 30
50	230	3¾% preferred	100	86¼	87½	86½	90	88	89½	88 May 23	88 May 23	85¼ Feb 5	89 Apr 8
95,000	552,500	Johns-Manville Corp	5	43	Sale	48	Sale	49⅛	Sale	48 May 1	49½ May 15	42 Jan 2	50¾ Apr 10
27,400	105,500	Johnson & Johnson	5	74	Sale	83½	Sale	87¼	Sale	81 May 3	90½ May 21	73½ Jan 2	90½ May 21
371,800	598,600	Jonathan Logan Inc	50c	15½	Sale	16⅞	Sale	19¾	Sale	16¾ May 1	19¾ May 31	15⅜ Mar 6	19¾ May 31
		Jones & Laughlin											
163,200	975,390	Steel Corp common	10	47⅞	Sale	55⅛	Sale	57⅜	Sale	54 May 7	57⅜ May 31	47½ Jan 2	58⅜ Apr 15
1,690	9,510	5% preferred ser A	100	101½	Sale	104¾	Sale	104½	Sale	104 May 15	106 May 23	100½ Jan 8	105½ Apr 24
5,800	42,100	Jorgensen (Earle M) Co	1	13⅝	Sale	14½	Sale	14¾	Sale	14¼ May 6	14⅞ May 24	13½ Jan 4	15¼ Apr 19
113,300	471,300	Joy Manufacturing Co	1	19⅞	Sale	24⅛	Sale	24⅞	Sale	23⅛ May 6	26¼ May 15	19⅝ Jan 2	26¼ May 15

For footnotes, see page 29.

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Aggregate Sales in May Shares	Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
140,800	477,300	Kaiser Alum & Chem	33⅓c	35½	Sale	36¼	Sale	39⅞	Sale	36¼ May 1	41⅛ May 14	32½ Mar 1	41⅛ May 14
1,400	12,000	4⅛% conv preferred	100	90	Sale	95½	99	96	98½	95½ May 2	100 May 21	90 Jan 2	100 May 21
2,500	8,100	4¾% preferred	50	50¾	52	50⅜	Sale	50¾	51	50⅛ May 16	51 May 23	50 Mar 25	51⅝ Jan 9
4,200	14,500	4¾% cv pfd (57 ser)	100	104½	105¼	105	108	110	114	106 May 7	111½ May 23	104½ Jan 4	111½ Jan 21
300	2,100	4¾% cv pfd (59 ser)	100	106	106½	105	110	106½	109¾	106¼ May 6	106¼ May 6	106 Jan 7	110 Jan 31
		Kansas City Pow & Lt Co—											
‡15,300	71,900	Common	*	—	—	39¾	Sale	37¾	Sale	37½ May 28	40 May 6	‡37½ May 28	40¾ Feb 26
70	570	3.80% preferred	100	81	82	83	84	84	85	83 May 16	84½ May 27	81 Jan 24	84½ May 27
100	770	4% preferred	100	95	Sale	95	96½	94	96	94 May 13	95 May 9	93 Feb 12	95 Jan 2
1,090	1,880	4½% preferred	100	100¾	102	100½	Sale	100¼	Sale	99¾ May 10	101 May 6	99¾ May 10	102 Mar 7
140	1,350	4.20% preferred	100	94½	95	96½	97½	96	97	96 May 21	97½ May 2	95¼ Jan 10	97½ May 2
1,010	2,570	4.35% preferred	100	97½	98½	99	100	99¾	Sale	99¾ May 29	100½ May 2	99 Jan 22	100¾ Apr 1
36,400	312,400	Kansas City South Ind	*	38⅞	Sale	46¾	Sale	46	Sale	44⅛ May 28	47⅜ May 6	38¼ Jan 4	47⅜ May 6
10,000	51,300	Noncumulative pfd	25	19¼	19¾	20⅝	Sale	20¾	21¼	20⅜ May 14	21⅛ May 28	19⅝ Jan 8	21¾ Mar 25
37,800	125,400	Kansas Gas & Elec Co	*	27½	Sale	29½	Sale	33¼	Sale	29⅛ May 1	34½ May 15	27⅜ Jan 2	34½ May 15
11,200	62,800	Kansas Power & Lt Co	8.75	48	Sale	51¾	Sale	50	Sale	49 May 17	52 May 1	48 Jan 2	53⅞ Feb 26
208,200	878,300	Kayser-Roth Corp	1	16¾	Sale	19	Sale	19⅛	Sale	18¾ May 6	20⅜ May 10	16½ Mar 18	20⅜ May 10
56,200	188,200	Kellogg Co	50c	56	Sale	63	Sale	68⅞	Sale	62 May 7	68⅞ May 31	55 Jan 3	68⅞ May 31
50,900	156,300	Kelsey Hayes Co	1	33⅛	Sale	38⅜	Sale	41	Sale	37½ May 10	41¾ May 31	33 Jan 2	41¾ May 31
23,500	127,200	Kendall Co	8	30	Sale	38⅜	Sale	37⅝	Sale	36¾ May 23	40¼ May 7	30 Jan 2	40¼ May 7
144,500	734,300	Kennecott Copper Corp	*	66¼	Sale	78¾	Sale	76⅜	Sale	74½ May 8	79½ May 2	66¼ Jan 2	79½ May 2
28,800	147,500	Kern County Land Co	2.50	73¼	Sale	75¾	Sale	74⅛	Sale	73⅛ May 7	76¼ May 23	71 Mar 1	78¾ Jan 10
127,100	777,000	Kerr-McGee Oil Industries	1	34¾	Sale	41½	Sale	40	Sale	38 May 20	42⅜ May 1	34⅜ Jan 2	42¾ Apr 22
10,300	31,600	Keystone Steel & Wire	1	33½	34	37	Sale	36¼	Sale	36⅛ May 28	37⅜ May 6	34 Jan 3	37⅜ Jan 9
63,000	396,500	Kimberly Clark Corp	5	53¾	Sale	56¼	Sale	55⅞	Sale	54¾ May 8	56⅝ May 1	52⅜ Mar 13	59¼ Jan 11
30,800	144,100	King-Seeley Thermos Co	1	33	Sale	42⅛	Sale	46¼	Sale	40⅝ May 6	46⅜ May 27	32⅛ Jan 2	46⅜ May 27
10,400	26,500	KLM Royal Dutch Air	100G	12	Sale	13⅜	Sale	16⅝	Sale	13⅜ May -1	16⅝ May 31	12 Jan 2	16⅝ May 31
17,800	103,800	Koppers Co Inc common	10	39½	Sale	41¾	Sale	42⅝	Sale	41 May 6	42¾ May 31	39¼ Mar 8	43⅞ Apr 16
1,500	6,220	4% preferred	100	85	85¾	88¼	Sale	88½	Sale	87½ May 14	88⅝ May 31	84½ Jan 10	89 Mar 22
272,900	1,346,900	Korvette (E J) Inc	1	28½	Sale	26⅞	Sale	28⅛	Sale	25¼ May 6	29⅛ May 27	25 Mar 22	32⅞ Jan 28
37,200	212,900	Kresge (S S) Co	10	21⅝	Sale	24⅝	Sale	23¾	Sale	23⅜ May 23	24⅞ May 6	21½ Jan 2	25¼ Jan 15
87,700	214,000	Kress (S H) & Co	10	16¼	Sale	18¾	Sale	18¾	Sale	18⅝ May 27	21⅜ May 6	16¼ Jan 2	21⅜ May 6
7,600	45,400	Kroehler Mfg Co	5	13½	14	14⅞	Sale	15	Sale	14 May 17	15¼ May 14	13¼ Jan 22	15¾ Apr 8
131,800	502,800	Kroger Company	1	23¾	Sale	29	Sale	29⅜	Sale	27¾ May 14	30⅛ May 2	23¾ Jan 2	30⅛ May 2
17,100	85,800	KVP Sutherland Paper Co	5	27⅜	Sale	32⅜	Sale	32⅛	Sale	31⅛ May 10	33⅝ May 14	27⅜ Jan 2	34½ Apr 10
33,200	216,400	Laboratory for Electronics	1	13⅛	Sale	10⅝	Sale	11⅝	Sale	10½ May 7	12⅞ May 14	10½ May 7	15⅞ Jan 15
15,000	101,700	Laclede Gas Co	4	27¾	Sale	34½	Sale	30	Sale	29⅝ May 21	35⅜ May 7	27¾ Jan 2	35⅜ May 7
----	200	4.32% preferred ser A	25	38	43	47	57	46	56	-- ------	-- ------	47⅞ Mar 29	51⅛ Apr 26
29,500	93,400	Lane Bryant	*	24½	Sale	26¼	Sale	24½	Sale	23⅞ May 24	27⅜ May 9	22½ Mar 7	27⅜ May 9
38,300	142,900	Lanvin-Parfums Inc	1	22	22⅜	22	Sale	23¼	Sale	21½ May 3	24⅛ May 17	19½ Mar 12	25⅛ Jan 15
111,200	584,100	Lear Siegler Inc	1	16	Sale	15⅜	Sale	15½	Sale	15¼ May 1	16⅞ May 17	15 Apr 2	18⅜ Jan 14
14,700	200,000	Lee Rubber & Tire	5	13¾	14	17¾	Sale	17⅞	Sale	17½ May 3	18⅛ May 9	13⅞ Jan 3	20⅜ Feb 14
57,400	474,000	Leesona Corp	5	22¼	Sale	27⅝	Sale	30⅝	Sale	26½ May 9	31¼ May 20	21 Apr 17	31⅞ Feb 14
57,100	140,800	Lehigh Coal & Navig'n Co	1	7	Sale	7⅜	Sale	--	--	7 May 20	7½ May 7	7 Jan 2	7⅞ Mar 26
68,600	305,700	Lehigh Portland Cement	15	16⅞	Sale	18¾	Sale	19¼	Sale	18 May 8	19¼ May 27	16¾ Jan 2	19½ Jan 14
48,100	287,100	Lehigh Valley Indus com	50c	1⅜	Sale	1⅜	Sale	1¼	Sale	1¼ May 3	1⅜ May 1	1¼ May 4	1¾ Feb 12
700	8,600	$1.50 conv pfd series A	*	22	22½	22	23	22¼	22⅞	22 May 16	22½ May 22	22 Jan 3	23 Jan 31
5,000	19,400	Lehigh Valley RR Co	*	5⅜	Sale	6⅜	6½	--	--	6¼ May 6	6⅝ May 3	5⅜ Jan 2	6⅞ Feb 14
78,100	349,800	Lehman Corp (The)	1	27⅛	Sale	28⅛	Sale	29⅛	Sale	27¾ May 2	29⅜ May 21	26¾ Jan 2	29⅞ Feb 1
16,100	102,200	Lehn & Fink Products	1	34	Sale	33¼	Sale	34	Sale	33¼ May 1	36 May 3	32½ Mar 19	39½ Jan 22
24,200	58,300	Leonard Refineries Inc	3	9½	Sale	10⅛	Sale	10¾	Sale	10 May 2	11½ May 22	9⅜ Jan 2	11½ May 22
135,200	481,800	Libbey-Owens-Ford Glass	5	52	Sale	53¾	Sale	54⅝	Sale	53¼ May 27	55⅛ May 10	51½ Jan 2	55⅝ Jan 18
506,400	1,156,400	Libby McNeil & Libby	7	12½	Sale	15⅜	Sale	15⅞	Sale	14¾ May 13	16⅜ May 2	12⅛ Mar 26	16⅜ May 2
83,900	417,900	Liggett & Myers Tob com	25	66¾	Sale	82⅞	Sale	76½	Sale	76½ May 31	83⅞ May 6	66½ Jan 2	83⅞ May 6
1,190	5,090	7% preferred	100	150	Sale	153½	Sale	154½	155¾	153½ May 1	155 May 17	150 Jan 2	159½ Apr 3
84,600	288,900	Lily Tulip Cup Corp	5	43¼	Sale	40⅝	Sale	41½	Sale	38¾ May 1	43¾ May 14	38¾ May 1	47⅛ Mar 29
103,000	596,500	Ling-Temco-Vought Inc	50c	16¼	Sale	15⅛	Sale	14¾	Sale	14⅜ May 9	15⅞ May 23	14 Apr 15	18¼ Feb 27
24,700	99,900	Link Belt Co	5	47¼	Sale	51⅝	Sale	52⅞	Sale	51¼ May 2	53 May 13	46½ Jan 2	53 May 13
92,800	1,305,700	Lionel Corp (The) com	2.50	5¾	Sale	6⅛	Sale	6⅜	Sale	6 May 2	6¾ May 16	4¾ Feb 28	7¾ Mar 14
1,800	18,500	3¾% non-cum conv pfd	20	16½	17	18½	Sale	18½	19	18 May 20	19 May 20	15 Feb 28	22 Mar 14
466,800	1,827,900	Litton Industries Inc	1	65	Sale	67¾	Sale	76⅜	Sale	66⅝ May 6	76⅜ May 31	57½ Mar 1	76⅜ May 31
280,300	1,337,000	Lockheed Aircraft	1	54⅛	Sale	57	Sale	54	Sale	54 May 31	58¼ May 13	49¼ Jan 23	58¼ May 13
55,700	463,300	Loew's Theatres Inc	1	21½	Sale	17⅞	Sale	18⅞	Sale	17½ May 7	20½ May 13	17⅛ Mar 22	23¾ Jan 4
140,200	651,700	Lone Star Cement	4	18½	Sale	21⅝	Sale	22¾	Sale	21 May 6	23⅛ May 24	17⅞ Jan 2	23⅛ May 24
197,900	820,100	Lone Star Gas common	10	22½	Sale	22⅞	Sale	23⅝	Sale	22½ May 6	24 May 14	22 Feb 28	24¼ Feb 15
40	490	4.84% preferred	100	132	140	132¼	160	137	145	137 May 17	138 May 13	132½ Jan 7	143¼ Feb 14
51,300	304,500	Long Island Lighting com	10	51⅞	Sale	62¾	Sale	62¾	Sale	60⅛ May 16	65¾ May 9	51½ Jan 3	65¾ May 9
‡49,300	84,000	New common	5	--	--	31⅝	Sale	31½	Sale	30⅜ May 16	33⅛ May 9	‡29⅞ Apr 17	33⅛ May 9
60	420	5% series B pfd	100	103	104	105	106½	105	106½	105 May 14	105¼ May 14	104 Jan 7	105¼ May 14
----	110	4.25% series D pfd	100	94	95½	94½	96	94½	96	-- ------	-- ------	94½ Mar 8	96½ Mar 4
670	2,230	4.35% series E pfd	100	96	97	97¼	98⅛	98¼	100	97¼ May 8	99 May 21	96 Jan 16	99 Apr 5
86,800	231,800	Loral Electronics Corp	25c	--	--	13⅜	Sale	14⅛	Sale	12⅝ May 7	14¼ May 31	§12⅜ Apr 4	16⅜ Feb 15
170,900	798,700	Lorillard (P) common	5	42¼	Sale	50½	Sale	50⅛	Sale	48½ May 3	53⅜ May 15	42⅛ Jan 2	54⅞ Apr 17
700	4,460	7% preferred	100	143	Sale	150½	Sale	151	Sale	150½ May 1	152½ May 27	142¾ Jan 3	152½ May 27
38,600	225,200	Louisville Gas & Elec (Ky)	*	32½	Sale	35¾	Sale	38¼	Sale	35¼ May 8	38¼ May 31	32 Jan 7	38¼ May 31
44,100	205,200	Louisville & Nashville	50	59¾	Sale	77	Sale	79	Sale	72 May 7	79⅝ May 23	59¾ Jan 2	79⅝ May 23
33,700	162,700	Lowenstein (M) & Sons	1	9⅜	Sale	11⅞	Sale	11⅞	Sale	10¾ May 6	12⅛ May 1	9⅜ Jan 2	12⅜ Apr 29
19,400	181,600	Lukens Steel Co	3.33⅓	39½	Sale	46¼	Sale	46¾	Sale	44⅝ May 17	47½ May 31	39½ Jan 2	49⅞ Apr 15
40,200	125,500	Lykes Bros Steamship Co	10	15½	Sale	17⅝	Sale	18¾	Sale	17½ May 2	19⅛ May 20	15½ Jan 2	19⅛ May 20
4,500	43,500	MacAndrews & Forbes	10	24¼	Sale	27¾	Sale	28⅜	Sale	27⅝ May 3	28⅝ May 14	24 Jan 2	30 Jan 17
101,000	391,000	Mack Trucks Inc common	5	36¼	Sale	43¼	Sale	44⅛	Sale	42⅝ May 20	45⅝ May 10	36⅛ Jan 2	46⅞ Apr 15
1,500	18,000	5¼% preferred (x w)	50	46½	46⅞	49⅝	Sale	51½	Sale	49⅝ May 1	52 May 27	46¼ Jan 3	52 May 27
20,800	154,600	Macy (R H) Co Inc com	1	56¼	Sale	65	Sale	67	Sale	65 May 1	67 May 28	56 Jan 2	67 May 28
1,510	12,520	4¼% pfd series A	100	92	93½	94¼	Sale	95½	Sale	94 May 2	95½ May 31	92 Jan 7	96½ Apr 2
53,100	302,600	Madison Fund Inc	1	22⅝	Sale	21¾	Sale	22¼	Sale	21½ May 1	22⅜ May 16	19¾ Mar 1	24 Jan 8
109,400	387,500	Madison Square Garden	1	1¾	Sale	1⅞	Sale	1¾	Sale	1⅝ May 24	2¼ May 9	1⅝ May 24	2½ Jan 16
7,700	27,200	60c conv preferred	*	8⅝	Sale	9	Sale	8⅞	Sale	8½ May 27	9½ May 1	8½ Jan 3	9¾ Jan 16
7,300	49,000	Magma Copper Co	10	66	Sale	77	78½	--	--	75¼ May 10	82¾ May 15	63 Jan 2	82¾ Apr 24
‡5,500	5,500	When issued	3⅓	--	--	--	--	26	26½	26⅜ May 14	27¾ May 15	‡26⅜ Mar 14	27¾ May 15
246,300	1,218,900	Magnavox Co (The)	1	36¾	Sale	42¼	Sale	41⅞	Sale	41¼ May 3	43½ May 13	35½ Jan 2	43½ May 13
24,400	127,200	Mallory (P R) & Co	1	42¼	Sale	41	Sale	41	Sale	40⅛ May 28	42⅜ May 6	40 Apr 29	48⅜ Feb 7
25,300	71,700	Manhattan Shirt Co	5	22¾	Sale	30½	Sale	32	Sale	28½ May 6	33½ May 24	22¾ Jan 2	33½ May 24
9,100	37,900	Manning Maxwell & Moore Inc	12.50	21½	22	24	Sale	24⅛	Sale	23⅜ May 29	25½ May 14	21¾ Jan 3	25½ May 14
25,600	63,100	Maracaibo Oil Exploration	1	5½	5⅞	6⅜	Sale	7¼	Sale	6⅛ May 2	7¼ May 29	5⅜ Jan 7	7¼ May 29
103,200	512,900	Marathon Oil Co	*	44¾	Sale	51⅛	Sale	52⅜	Sale	50⅜ May 3	53⅞ May 13	43½ Feb 27	53⅞ May 13
60,300	327,200	Maremont Corp	1	31	Sale	28⅞	Sale	27¾	Sale	27½ May 13	30⅜ May 1	27½ May 13	35 Jan 23
78,400	304,800	Marine Midland Corp	5	27¼	Sale	32	Sale	33⅞	Sale	31¾ May 2	33⅞ May 31	26¾ Jan 2	33⅞ May 31
62,500	300,100	Marlin-Rockwell Corp	1	24¾	Sale	31⅞	Sale	31¾	Sale	29¼ May 7	33¼ May 24	24⅜ Jan 2	33¼ May 24
66,000	307,900	Marquardt Corp	1	12⅜	Sale	11¾	Sale	11¾	Sale	11 May 8	12⅝ May 20	11 May 8	15⅝ Feb 26
25,900	129,600	Marquette Cement Mfg Co	4	37½	Sale	36⅞	Sale	39½	Sale	36⅞ May 1	40⅝ May 23	34½ Jan 23	40⅝ May 23
25,800	135,700	Marshall Field & Co com	*	33⅝	Sale	35¾	Sale	35	Sale	33⅝ May 22	35⅞ May 1	32 Apr 3	38¼ Feb 5
390,200	1,890,000	Martin-Marietta Corp	1	21⅝	Sale	19⅝	Sale	19⅛	Sale	19⅛ May 31	21 May 8	19⅛ Apr 30	22⅝ Jan 30
41,300	205,700	Masonite Corp	*	36½	Sale	43	Sale	43¾	Sale	42½ May 2	44¾ May 6	36¼ Jan 10	44¾ May 6
84,200	292,700	May Dept Stores common	5	54¼	Sale	57⅝	Sale	55¾	Sale	53½ May 24	57¼ May 7	53 May 27	59¼ Mar 8
630	2,170	$3.75 preferred 1945	*	82¼	Sale	86	Sale	86	87½	84 May 10	87 May 24	82¼ Jan 2	87 May 24
230	2,260	$3.75 preferred 1947	*	81½	83	85½	87	86	Sale	85½ May 7	86 May 14	83 Feb 26	86 Apr 1
850	1,120	$3.40 preferred	*	73½	74½	75½	77	75½	76½	75½ May 14	75½ May 14	75½ Jan 9	76½ Feb 4
410	1,040	3¾% pfd series 1959	100	82	83	85½	Sale	85½	86½	85 May 1	86 May 16	82 Jan 3	87 Apr 2
12,600	70,100	Mays (J W) Inc	1	14⅞	Sale	16⅛	Sale	15⅝	Sale	15⅜ May 21	16¼ May 1	14⅞ Jan 2	17¼ Jan 10
50,300	288,400	Maytag Co (The)	*	29⅞	Sale	33	Sale	35⅞	Sale	33 May 1	37¼ May 16	29½ Jan 2	37¼ May 16
51,200	208,700	M C A Inc common	*	49¼	Sale	52¾	Sale	54	Sale	52 May 1	58 May 6	48 Jan 2	58 May 6
21,500	103,800	$1.50 conv pfd	*	34¼	Sale	36⅛	Sale	36½	Sale	36 May 1	37 May 9	34¼ Jan 2	37 May 9
14,700	47,800	McCall Corp	*	22¼	Sale	24	Sale	26¾	Sale	24 May 1	28 May 6	19¼ Mar 4	28 May 6
10,000	44,200	McCord Corp	3	22⅝	Sale	22	Sale	21½	Sale	21½ May 29	22½ May 8	20⅝ Apr 5	23⅞ Jan 28
182,700	458,500	McCrory Corp common	50c	16⅛	Sale	13¼	Sale	13⅞	Sale	11⅜ May 17	15¼ May 22	11⅜ May 17	17¾ Mar 4
560	2,400	3½% conv preferred	100	82	83	84	87	77	80	73 May 15	84 May 6	73 May 15	89 Feb 7
4,980	11,040	$6 conv preferred	100	83½	Sale	85¾	Sale	83	84⅜	79 May 17	85¾ May 1	79 May 17	94 Mar 4
220	690	5½% conv pref B	100	105	120	100	Sale	95½	100	95 May 13	100 May 1	95 May 13	108 Apr 19
5,860	12,380	4½% conv pref B	100	65	Sale	66	Sale	62	Sale	60 May 21	66½ May 2	60 May 21	73¾ Mar 13
179,600	1,272,000	McDermott (J Ray) & Co	1	23½	Sale	31	Sale	29	Sale	28½ Mal 28	31⅜ May 1	22¾ Jan 10	31½ Apr 26
74,000	503,400	McDonnell Aircraft	2.50	57¾	Sale	56¾	Sale	54⅜	Sale	53⅝ Mal 27	59 May 15	50⅞ Apr 1	60¼ Feb 6
60,700	366,300	McGraw-Edison Co	1	37¼	Sale	39⅛	Sale	38¼	Sale	37¾ May 29	40⅝ May 16	34½ Feb 12	40⅝ May 16
54,500	316,100	McGraw-Hill Publishing	1	23⅝	Sale	28¾	Sale	27⅞	Sale	27⅛ May 29	29¼ May 1	23⅜ Jan 2	29¼ May 1

For footnotes, see page 29.

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Aggregate Sales in May Shares	Sales Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY — May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
		McGregor-Doniger Inc—											
6,100	30,300	Class A	1	16⅜	16½	18½	Sale	18	Sale	17¾ May 20	18¾ May 7	16 Jan 22	18¾ Mar 26
21,400	100,700	McIntyre Porcupine Mines	*	40¼	Sale	49⅛	Sale	48¾	Sale	46⅝ May 7	49¼ May 9	40 Jan 3	51 Apr 22
11,400	54,100	McKee (A G) & Co	*	11	Sale	18	Sale	16¾	Sale	16¼ May 7	18⅛ May 1	10⅞ Jan 2	18⅛ May 1
56,200	333,700	McKesson & Robbins	18	40⅞	Sale	49¼	Sale	46½	Sale	45¼ May 27	51⅜ May 14	39¼ Jan 3	51⅜ May 14
44,200	188,900	McLean Trucking Co	1	10	Sale	10¾	Sale	10⅞	Sale	10¾ May 1	11⅜ May 15	9⅞ Jan 2	12 Feb 13
14,900	117,900	McNeil Mach & Eng	*	24¼	Sale	28½	Sale	26⅞	Sale	26½ May 31	28¾ May 1	23⅞ Jan 3	29⅝ Mar 29
7,500	32,500	McQuay-Norris Mfg Co	10	21¼	22	22	Sale	21½	Sale	21⅛ May 28	22⅛ May 3	21⅛ May 28	23⅝ Feb 1
12,600	113,000	Mead Corp common	5	39	Sale	44⅜	Sale	42⅜	Sale	41½ May 17	44½ May 3	38½ Jan 4	45½ Feb 21
760	1,380	4¼% pfd 1st series	100	93	95	95	96½	96	97½	95½ May 16	96½ May 14	93½ Jan 7	96½ May 14
16,800	66,600	Medusa Portland Cement	*	20	20½	23⅛	Sale	24⅞	Sale	22¾ May 7	25¾ May 20	20⅛ Jan 4	25¾ May 20
49,500	229,400	Melville Shoe Corp com	1	26⅞	Sale	23⅜	Sale	23⅛	Sale	22½ May 8	23¾ May 24	22 Apr 2	27⅞ Jan 3
630	6,110	4% preferred ser B	100	86½	Sale	69	Sale	88¼	Sale	87¼ May 14	89½ May 10	86½ Jan 2	90 Jan 14
7,400	42,400	Mercantile Stores	1.83⅓	22¼	Sale	25	Sale	23½	Sale	23 May 17	25¼ May 2	20¼ Mar 11	25¼ Apr 29
74,100	418,800	Merck & Co Inc com	16⅔c	77½	Sale	89¼	Sale	89⅞	Sale	85 May 6	90 May 31	77½ Jan 2	90½ Apr 24
200	2,300	$3.50 preferred	*	88	90	92⅜	96	92	95	92⅜ May 24	92⅜ May 24	88½ Jan 3	92⅜ Apr 25
71,300	†222,600	Mergenthaler Linotype	25c	22⅝	Sale	26¼	Sale	28	Sale	26¼ May 1	28⅞ May 17	22⅝ Jan 2	28⅞ May 17
77,100	555,300	Merritt Chpmn & Scott	12.50	11⅞	Sale	13⅛	Sale	12¼	Sale	12⅛ May 23	13⅛ May 1	11¾ Jan 29	13⅜ Apr 29
110,500	451,300	Mesabi Trust units bene int		11¼	Sale	12¾	Sale	12⅝	Sale	12 May 3	12⅞ May 13	11¼ Jan 2	13⅜ Feb 11
17,900	71,100	Mesta Machine Co	5	29⅞	Sale	34	Sale	34¾	Sale	33⅝ May 2	37⅞ May 8	29⅞ Jan 2	37⅞ May 8
136,000	881,400	Metro-Goldwyn-Mayer Inc	*	32	Sale	31⅜	Sale	37⅛	Sale	31¼ May 6	37¼ May 31	28 Feb 28	37¼ May 31
178,600	661,300	Metromedia Inc	1	15⅝	Sale	26⅞	Sale	29	Sale	26¼ May 7	30¼ May 20	15 Jan 2	30¼ May 20
		Metropolitan Edison—											
810	2,770	3.90% preferred	100	87	88	86	Sale	88½	90	85½ May 1	89 May 24	85 Apr 29	90 Feb 1
100	550	4.35% preferred	100	97	Sale	97	99½	101	102	99½ May 6	101 May 17	96½ Jan 7	101 May 17
80	780	3.85% preferred	100	86¼	Sale	86	87½	87	88½	86 May 6	87½ May 22	86 Apr 11	88½ Feb 1
200	280	3.80% preferred	100	84¼	86	85	86	86½	88	85 May 9	87½ May 22	84 Apr 10	87½ May 22
50	370	4.45% preferred	100	100	101	98½	100	102	103½	100 May 9	102 May 24	98½ Apr 24	102 Mar 20
69,400	493,100	Middle South Utilities	10	36⅛	Sale	37⅞	Sale	37	Sale	36¼ May 24	38½ May 7	34¾ Jan 3	39 Apr 1
28,600	122,000	Midland-Ross Corp com	5	49⅝	Sale	61⅜	Sale	64	Sale	61⅛ May 6	64⅜ May 31	49⅝ Jan 2	64⅜ May 31
1,000	4,310	5½% 1st preferred	100	101	101½	103½	Sale	103½	Sale	102¼ May 10	104½ May 24	101 Mar 22	104½ Jan 28
8,800	45,600	Midwest Oil Corp	10	66¼	Sale	69½	Sale	66	Sale	65¾ May 24	69½ May 1	60¼ Jan 22	69⅞ Apr 24
42,200	205,900	Miles Laboratories Inc	2	25¼	Sale	32	Sale	30⅛	Sale	30 May 28	32¾ May 1	24¼ Jan 2	33¾ Apr 15
102,400	401,300	Minerals & Chemicals Philip Corp	1	18⅜	Sale	21⅛	Sale	22¾	Sale	20⅜ May 7	23 May 27	18⅜ Jan 2	23 May 27
72,300	409,200	Minn-Honeywell Reg	1.50	85¼	Sale	107¼	Sale	110	Sale	102¾ May 17	110 May 31	84½ Jan 2	111½ Apr 16
5,800	24,200	3% convertible pref	100	80½	Sale	85⅝	86⅛	85½	Sale	83 May 24	86½ May 2	79¾ Jan 2	88¾ Feb 27
4,900	18,000	Minnesota Enterprises Inc	*	14¾	Sale	14⅜	Sale	14⅞	Sale	14¼ May 2	14⅞ May 31	14 Apr 17	15¾ Jan 8
171,400	851,400	Minn Mining & Mfg	*	53⅛	Sale	61¼	Sale	59¼	Sale	58½ May 29	61⅜ May 1	52½ Jan 2	64½ Apr 24
44,700	184,600	Minn & Ontario Paper	2.50	18½	Sale	22	Sale	22¾	Sale	20½ May 8	22¾ May 31	18¼ Jan 2	23 Apr 9
35,700	120,000	Minnesota Pwr & Lt Co	*	42½	Sale	43	Sale	48	Sale	43 May 1	48⅞ May 15	40¼ Feb 8	48⅞ Apr 15
23,800	134,500	Mission Corp	1	45⅞	Sale	51¾	Sale	50⅛	Sale	49½ May 29	53½ May 3	44⅛ Mar 6	53½ May 3
11,100	209,800	Mission Development Co	5	31½	Sale	31½	Sale	30¾	Sale	30⅝ May 29	33¼ May 2	29½ Mar 6	34½ Mar 20
98,700	421,300	Mississippi River Fuel	10	38⅛	Sale	39¾	Sale	40¾	Sale	38⅜ May 6	41 May 31	37½ Mar 19	44 Feb 18
28,300	146,100	Mo-Kansas-Texas RR	*	2⅞	Sale	3⅞	Sale	4¼	Sale	3¾ May 1	4¼ May 31	2⅞ Jan 2	4⅝ Feb 15
24,700	164,300	Missouri Pac RR Class A	*	48⅝	Sale	60	Sale	71½	Sale	59⅝ May 3	73¼ May 31	48⅝ Jan 2	73¼ May 31
14,700	56,600	Missouri Portl'l Cement	6.25	33	33¼	34⅞	35½	35½	Sale	33¾ May 6	37½ May 27	32¾ Jan 4	37⅞ Mar 29
14,600	56,200	Missouri Public Service Co	1	22⅝	Sale	26¾	Sale	25⅜	Sale	25⅜ May 31	27 May 2	22⅝ Jan 2	27 Apr 30
127,900	627,200	Mohasco Industries com	5	9⅝	Sale	9⅜	Sale	9⅝	Sale	9⅛ May 7	9⅞ May 13	9⅛ Apr 30	11⅜ Jan 24
100	490	3½% preferred	100	66½	68	67⅝	68¾	67½	69½	68 May 10	68⅝ May 17	66⅝ Jan 9	69½ Jan 23
140	1,140	4.20% preferred	100	75½	77½	77½	79½	77½	Sale	77½ May 28	79¼ May 16	77 Apr 22	80 Apr 1
46,300	203,900	Monarch Machine Tool	*	18¼	Sale	27⅛	Sale	30	Sale	27 May 1	30½ May 23	18 Jan 2	30½ May 23
3,300	7,800	Monon RR class A	25	11½	12⅜	12	Sale	13⅞	14¾	12 May 1	15¾ May 10	11¼ Apr 16	15¾ May 10
35,100	102,700	Class B	*	9⅜	Sale	12½	Sale	16	Sale	12½ May 1	16½ May 13	9⅛ Jan 16	16½ May 13
136,100	897,000	Monsanto Chemical Co	2	49½	Sale	53	Sale	51¾	Sale	51½ May 28	54¼ May 14	49 Jan 17	54⅝ Apr 10
27,300	132,100	Montana-Dakota Util Co	5	38¼	Sale	40½	Sale	39½	Sale	38⅜ May 10	40⅝ May 1	38¼ Jan 2	42¾ Apr 5
50,800	150,400	Montana Power Co	*	37¼	Sale	37½	Sale	38⅛	Sale	37⅛ May 2	39 May 16	36⅝ Jan 9	39⅜ Apr 8
6,600	27,600	Montecatini Min & Chemical Am shs (5 shs or 5,000 lire)		23⅝	Sale	19⅞	20¼	18⅞	Sale	18¾ May 22	20⅛ May 13	18¾ Mar 28	23⅝ Jan 2
288,900	1,349,100	Montgomery Ward & Co	*	32½	Sale	36½	Sale	36⅝	Sale	35¼ May 27	38¾ May 9	32¼ Jan 2	38¾ May 29
39,000	131,200	Moore-McCormack Lines	12	8⅞	Sale	10¾	Sale	12⅛	Sale	10¾ May 1	12⅜ May 22	8⅞ Jan 2	12⅜ May 22
79,900	302,000	Morrell (John) & Co	10	23⅜	Sale	28¾	Sale	29⅛	Sale	28½ May 27	31⅞ May 16	23⅜ Jan 2	31⅞ May 16
82,500	285,100	Motor Wheel Corp	5	17	Sale	18⅞	Sale	20½	Sale	18⅝ May 7	21¼ May 21	16½ Jan 17	21¼ May 21
56,700	274,800	Motorola Inc	3	61¾	Sale	66½	Sale	70⅝	Sale	63¾ May 7	70¾ May 31	58 Apr 5	73 Feb 13
13,000	53,400	Mountain Fuel Supply Co	10	34¾	35⅜	37⅞	Sale	41½	Sale	37⅞ May 1	41½ May 31	35 Jan 11	41½ May 31
49,700	163,100	MSL Industries Inc	*	21½	Sale	26⅞	Sale	28⅞	Sale	25⅛ May 7	29¼ May 31	21½ Jan 2	29¼ May 31
49,300	80,900	Mueller Brass Co	1	22⅝	22⅞	26⅛	Sale	34⅛	Sale	26⅛ May 1	34⅝ May 31	23 Jan 3	34⅝ May 31
17,000	91,900	Munsingwear Inc	5	28⅝	29	27½	Sale	28⅛	Sale	27⅛ May 14	29¼ May 22	27 Mar 20	31⅜ Jan 15
46,700	158,100	Murphy Co (G C)	1	24⅞	Sale	23¾	Sale	22⅜	Sale	22 May 24	25¼ May 2	22 May 24	27¼ Feb 1
58,500	169,400	Murphy Corp	1	18¾	Sale	20⅞	Sale	20⅝	Sale	20⅜ May 28	22⅛ May 2	17¾ Feb 12	22⅛ May 2
25,400	129,700	Murray Corp of America	10	30⅜	Sale	37¾	Sale	39½	Sale	37 May 14	40⅝ May 28	30⅜ Jan 2	40⅝ May 28
11,900	48,500	Natco Corp	5	8¼	Sale	8⅞	Sale	9⅛	Sale	8⅜ May 15	9¼ May 28	8¼ Jan 2	10¼ Mar 7
18,000	63,800	National Acme Co	1	54½	Sale	66¼	Sale	68½	Sale	64¾ May 3	70¾ May 16	54½ Jan 2	70¾ May 16
243,600	1,171,800	National Airlines Inc	1	24⅝	Sale	29⅝	Sale	29¼	Sale	28⅛ May 14	30½ May 1	21¾ Jan 16	30½ May 1
22,200	127,700	National Aviation Corp	5	29⅝	Sale	26½	Sale	26⅞	Sale	26½ May 1	27⅜ May 8	25½ Mar 5	31 Jan 15
59,600	435,100	National Biscuit Co	5	43⅞	Sale	49¼	Sale	47⅞	Sale	47⅝ May 17	49⅜ May 2	43⅛ Jan 7	50¼ Feb 21
181,500	534,000	National Can Corp	10	11½	Sale	14	Sale	14⅞	Sale	13⅜ May 7	15¼ May 13	11½ Jan 2	15¼ May 13
119,500	529,900	National Cash Register	5	81	Sale	69¼	Sale	69¾	Sale	68¾ May 29	73⅜ May 8	66¾ Mar 1	82⅛ Jan 4
109,900	188,100	National Castings Co	*	20⅝	Sale	25⅝	Sale	30⅞	Sale	25¼ May 1	32⅞ May 20	20⅜ Jan 2	32⅞ May 20
47,400	131,800	National City Lines	1	22¾	Sale	25¼	Sale	27⅛	Sale	25¼ May 1	28 May 24	22⅜ Jan 3	28 May 24
54,700	261,000	National Dairy Products	5	63¾	Sale	64½	Sale	65½	Sale	63⅛ May 27	67 May 10	59⅛ Mar 19	67¾ Jan 10
176,800	678,800	National Distillers & Chem	5	24⅜	Sale	25½	Sale	24¾	Sale	24 May 13	26 May 1	23¾ Mar 4	26¼ Jan 28
2,600	35,910	4¼% pfd ser of 1951	100	93	Sale	94¼	Sale	93¼	94¼	93 May 15	96 May 9	92½ Jan 4	96½ Feb 12
1,000	9,200	4½% preferred (conv)	50	48½	49½	50	51	49	51⅞	49¼ May 21	51 May 13	48½ Jan 3	54 Feb 8
38,400	150,600	National Fuel Gas Co	10	29½	Sale	33	Sale	34⅞	Sale	32½ May 13	34⅞ May 31	29¼ Jan 2	34⅞ May 31
185,800	1,385,400	National General Corp	1	7⅞	Sale	10½	Sale	11½	Sale	10⅜ May 1	12¼ May 9	7⅞ Jan 2	12¾ Feb 25
49,300	295,300	National Gypsum Co com	1	40½	Sale	49⅝	Sale	47⅞	Sale	45¼ May 24	50 May 2	40½ Jan 2	50 May 2
1,540	3,270	$4.50 preferred	*	98½	100	101½	102¾	102	Sale	101 May 8	102¾ May 3	98 Feb 13	102¾ May 3
250,500	783,300	National Lead Co com	5	68⅛	Sale	72⅛	Sale	71½	Sale	70 May 27	74¼ May 15	68⅛ Jan 2	77 Apr 4
6,000	33,100	National Linen Serv Corp	1	26⅞	Sale	25⅝	Sale	25⅞	Sale	25½ May 27	26½ May 7	25½ May 27	27⅛ Jan 8
8,600	30,700	National-Standard Co	10	28¼	28¾	39	Sale	33	Sale	29 May 1	33¼ May 29	28¼ Feb 25	33¼ May 29
20,400	45,600	Nat Starch & Chem Cp	50c	42	42¾	46	Sale	44½	Sale	44 May 23	46¾ May 6	42¼ Jan 3	47 Apr 5
195,600	684,300	National Steel Corp	5	36¼	Sale	39⅝	Sale	45⅛	Sale	39⅝ May 1	45⅞ May 16	34¾ Mar 6	45⅞ May 16
70,700	139,700	National Sugar Refining	*	18	Sale	22⅛	Sale	24¼	Sale	22 May 1	28 May 21	18 Jan 2	28 May 21
258,900	582,500	National Tea Co	*	15	Sale	17⅛	Sale	18¾	Sale	16¾ May 17	18¾ May 31	15 Jan 2	18¾ May 31
5,900	37,800	Natl Vulcanized Fibre Co	1	17½	17¾	17⅝	Sale	17	17¾	17⅛ May 7	18⅛ May 14	15¼ Mar 19	19⅛ Jan 29
50,100	262,100	Natomas Co	1	7	Sale	8⅝	Sale	8½	Sale	8⅛ May 1	8⅝ May 1	6¾ Apr 17	9⅛ Apr 15
13,200	64,600	Nautec Corp	5	11¾	Sale	11⅜	Sale	11⅛	Sale	10¾ May 29	11⅝ May 6	10¾ May 29	13½ Jan 7
11,400	28,600	Neisner Bros Inc	1	6⅞	Sale	7⅛	Sale	7	Sale	6⅝ May 14	7⅛ May 1	6⅝ May 14	7¾ Feb 1
66,700	170,500	Neptune Meter Co	5	18¼	Sale	24⅛	Sale	25½	Sale	24⅛ May 1	26¼ May 9	18¼ Jan 2	26¼ May 9
‡30,800	63,600	Nevada Power Co new	1	—	—	32⅞	Sale	33⅝	Sale	32⅝ May 1	35¾ May 21	‡32 Apr 24	35¾ May 31
124,200	357,500	Newberry Co (J J) com	*	30¾	Sale	25	Sale	20⅝	Sale	20 May 14	25 May 1	20 May 14	33 Jan 14
3,500	6,540	3¾% preferred	100	78	Sale	80	Sale	75¾	Sale	75¼ May 24	81½ May 9	75¼ May 24	85 Apr 8
53,700	302,800	New England Elec System	1	24¾	Sale	27⅝	Sale	27⅝	Sale	27 May 22	28⅜ May 2	24½ Jan 2	28⅜ Apr 26
25,600	146,000	New England Tel & Tel	20	43⅜	Sale	47⅛	Sale	48	Sale	46¾ May 1	48¾ May 31	43⅜ Jan 2	48¾ Feb 11
60	410	N J Pwr & Lt Co 4% pfd	100	86	88½	89½	Sale	89	90½	89½ May 1	89½ May 1	86 Jan 21	89½ Apr 29
41,500	152,300	Newmont Mining com	10	63¾	Sale	74	Sale	82¼	Sale	73¾ May 1	83¾ May 23	61½ Jan 2	83¾ May 23
10,000	63,900	4% conv pfd	100	95⅜	Sale	99⅜	Sale	104½	Sale	99 May 1	108½ May 15	94 Jan 2	108½ May 15
22,900	153,500	Newport News Shipbuilding & Dry Dock Co	1	48¾	Sale	51	Sale	50¼	Sale	48¾ May 24	52⅜ May 10	47¾ Mar 1	53 Apr 8
14,900	143,800	New York Air Brake	5	28¼	Sale	31¾	Sale	31¾	Sale	30 May 10	31⅞ May 1	28¼ Jan 2	33¾ Feb 13
274,200	1,003,800	New York Central RR	1	15	Sale	18¼	Sale	21⅞	Sale	18 May 6	21⅞ May 31	15 Jan 2	21⅞ May 31
207,400	821,000	N Y Chicago & St. Louis	15	42⅞	Sale	42⅛	Sale	42⅛	Sale	40 May 7	42⅝ May 29	38 Mar 11	44⅞ Jan 8
3,100	31,900	N Y Shipbuilding Corp	1	12⅛	12½	12	Sale	11⅜	11¾	11¼ May 27	12 May 1	11¼ Apr 5	13¼ Apr 26
24,900	150,000	N Y State Elec & Gas Corp Common	*	40½	Sale	44	Sale	44½	Sale	43 May 21	45½ May 28	40 Jan 3	45½ May 28
710	3,540	$3.75 preferred	100	82¼	82¾	82⅞	Sale	85½	Sale	82⅝ May 17	85½ May 31	82½ Mar 22	85¾ Feb 25

For footnotes, see page 29.

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Aggregate Sales in May Shares	Aggregate Sales Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY — May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
		Niagara Mohawk Pwr Corp											
89,800	416,500	Common	*	46⅜	Sale	50	Sale	49¾	Sale	49⅜ May 29	50½ May 28	46 Jan 2	50½ May 28
520	4,100	3.40% preferred	100	73	74	75	Sale	76¼	77¼	74¾ May 1	76¼ May 27	72¾ Jan 11	76¼ May 27
2,220	11,450	3.60% preferred	100	77	Sale	78½	Sale	81	Sale	78½ May 1	81¼ May 31	76¼ Jan 3	82¼ Jan 23
1,350	7,130	3.90% preferred	100	84¼	Sale	86	Sale	87½	Sale	85 May 13	87½ May 31	83⅛ Jan 8	88 Jan 22
1,090	2,030	4.10% preferred	100	91½	93	93	94½	97¼	Sale	93 May 1	97½ May 31	92¾ Jan 8	97½ May 31
1,390	5,390	5.25% preferred	100	107	108	108½	Sale	108	108¼	107½ May 14	108½ May 1	107 Jan 7	110½ Feb 28
530	4,810	4.85% preferred	100	104¼	105	105¾	Sale	105¼	106¼	105¼ May 9	105¾ May 1	104 Mar 5	106¾ Jan 30
19,400	72,193	Niagara Share Corp	5	20⅜	20⅝	23⅝	Sale	22⅞	Sale	22¾ May 29	24⅛ May 13	20⅞ Jan 3	25 Jan 18
20,000	87,900	Nopco Chemical Co	1	25½	Sale	26¾	Sale	26⅛	Sale	25¼ May 27	27¼ May 3	25¼ Jan 2	29½ Jan 9
75,600	559,166	Norfolk & Western com	25	108¾	Sale	121¼	Sale	125	Sale	117 May 9	125 May 31	105 Jan 18	125 May 31
3,500	9,600	Adjustment preferred	25	22⅝	Sale	23	Sale	23½	24	23 May 1	24 May 20	22 Apr 15	24 May 20
2,400	11,500	6% preferred	10	13⅝	13⅞	13½	14	14½	Sale	13¼ May 7	14½ May 31	13¼ Jan 18	14½ May 31
19,300	90,600	Norris-Thermador Corp	50c	18⅛	18¾	21	Sale	21⅝	Sale	20½ May 7	22⅜ May 21	18¼ Feb 21	22⅜ May 21
175,300	859,900	North American Aviation	1	66¾	Sale	61¾	Sale	58⅜	Sale	57¼ May 29	63½ May 14	57¼ May 29	66¾ Jan 2
107,800	434,100	North American Car Corp	7	24½	Sale	25⅞	Sale	23¾	Sale	22⅞ May 27	26 May 1	20⅞ Mar 4	26¼ Apr 29
36,600	81,200	North American Coal	1	8⅛	8⅜	7⅞	Sale	8⅞	Sale	7⅞ May 1	8⅞ May 31	7¾ Apr 29	9½ Jan 31
137,400	184,700	North Amer Sugar Ind	10	13⅛	Sale	16⅜	Sale	20⅛	Sale	16 May 2	26¼ May 21	13⅛ Jan 14	26¼ May 21
390	2,510	Northern Central Ry	50	72½	Sale	77⅝	78½	78	79	77½ May 7	79 May 15	72½ Jan 2	79 May 15
67,300	214,800	Northern Indiana P S Co	*	44½	Sale	52	Sale	50⅜	Sale	49¾ May 14	53 May 3	43¾ Jan 4	52⅛ Apr 30
30,800	182,900	Northern Natu'l Gas com	10	43	Sale	51⅞	Sale	52⅝	Sale	50¾ May 21	54⅜ May 13	43 Jan 2	54⅜ May 13
400	2,270	5½% preferred	100	104½	105½	106	Sale	107	108	106 May 1	108 May 15	104¼ Jan 11	108 Mar 1
1,620	7,120	5.80% preferred	100	108½	108¾	109½	Sale	110¾	Sale	109½ May 1	111½ May 20	107½ Jan 29	111½ May 20
2,110	10,120	5.60% preferred	100	109⅛	Sale	109½	110½	110	Sale	109⅛ May 6	110 May 7	109 Jan 2	110½ Jan 17
82,400	492,100	Northern Pacific Ry	5	40	Sale	46¼	Sale	48	Sale	44⅞ May 6	48⅜ May 31	39 Jan 11	48⅜ May 31
		Northern States Pow (Minn)											
40,900	206,600	Common	5	35½	Sale	35¼	Sale	37	Sale	34¼ May 6	37 May 28	33½ Mar 29	37 May 28
1,140	7,690	$3.60 preferred	100	76	Sale	78½	79	80	81½	79 May 2	81½ May 29	76 Jan 2	81½ May 29
640	3,720	$4.10 preferred	100	91¾	92½	94¼	Sale	93¾	94½	93½ May 13	94½ May 24	92½ Jan 4	96 Feb 19
200	990	4.08% preferred	100	90½	92	92	93½	93	94½	93 May 22	93¼ May 13	91½ Jan 9	93¼ May 13
1,880	4,550	4.11% preferred	100	92½	93½	93¼	94	95	Sale	93¼ May 7	95 May 21	93 Feb 11	95½ Mar 4
370	630	$4.16 preferred	100	92½	93⅝	93	94½	95¼	96	94 May 14	95¼ May 24	93 Apr 22	95¼ May 24
99,800	537,300	Northrop Corp	1	23½	Sale	24⅛	Sale	22¾	Sale	22⅝ May 20	24¾ May 1	21⅛ Mar 20	25⅜ Jan 14
128,000	851,100	Northwest Airlines com	10	37⅞	Sale	53½	Sale	54⅞	Sale	51½ May 13	56½ May 23	35½ Jan 10	56⅝ May 23
13,000	64,000	Northwest Bancorp'n	3⅓	44⅜	Sale	48	Sale	47	Sale	45 May 21	48½ May 1	42¾ Mar 6	51 Jan 31
5,600	23,500	Northwestern Steel & Wire	5	20¼	Sale	21⅞	Sale	21½	Sale	21¼ May 2	22⅜ May 23	20¼ Jan 2	23 Feb 18
25,900	129,000	Norwich Pharmacal	66½c	43½	Sale	41½	Sale	40¼	Sale	40 May 21	42 May 1	38½ Mar 19	44⅞ Jan 8
26,900	172,400	Ohio Edison Co common	15	47¼	Sale	49½	Sale	48¾	Sale	47½ May 28	51 May 1	46⅞ Jan 3	51 May 1
1,920	9,790	4.40% preferred	100	98¾	Sale	99¼	Sale	100½	Sale	98¾ May 20	100½ May 9	97 Feb 12	100½ May 9
1,250	5,540	3.90% preferred	100	86	Sale	88	89½	87⅞	Sale	87⅞ May 31	89½ May 7	85¼ Jan 9	89½ May 7
2,190	6,930	4.56% preferred	100	102½	104	104	105	104¾	Sale	104 May 13	105 May 2	102 Jan 7	105 May 2
520	2,490	4.44% preferred	100	100	101	101¼	102	102	102¾	101¼ May 7	102 May 7	100½ Apr 19	102¾ Jan 25
		Oklahoma Gas & Elec—											
‡57,900	115,800	New common	2.50	--	--	23½	Sale	23	Sale	22⅝ May 31	24¾ May 1	‡22½ Mar 25	25 Apr 2
3,500	13,900	4% preferred	20	17⅛	17½	18	Sale	18	Sale	17¾ May 6	18¼ May 22	17¼ Jan 7	18⅜ Feb 13
1,020	1,490	4.24% preferred	100	95⅝	Sale	98	Sale	96½	98	97 May 13	98½ May 3	94½ Jan 9	98½ Apr 26
25,700	96,000	Oklahoma Natural Gas	7.50	36½	Sale	35⅜	Sale	34⅝	Sale	34⅛ May 29	35⅝ May 6	34⅛ May 29	38½ Jan 25
295,600	1,033,300	Olin-Mathieson Chem Corp	5	31½	Sale	39	Sale	39¾	Sale	38 May 27	41⅜ May 13	31⅜ Jan 2	41⅜ May 13
6,800	38,500	Opelika Mfg Corp	5	15¾	Sale	16¾	Sale	16⅞	Sale	16½ May 6	17½ May 13	15⅝ Jan 2	17½ May 13
14,400	62,600	Orange & Rockland Util	10	47¾	Sale	55¾	Sale	56⅝	Sale	55¼ May 1	59 May 8	47½ Jan 4	59 May 8
‡2,200	2,200	When issued	5	--	--	--	--	28⅞	Sale	28⅝ May 29	29⅝ May 28	‡28⅝ May 20	29⅝ May 28
112,800	374,600	Otis Elevator Co	*	55¼	Sale	52¼	Sale	49¼	Sale	48 May 15	53⅞ May 2	48 May 15	59½ Jan 30
		Outboard Marine &											
168,600	739,900	Manufacturing Co	30c	13⅞	Sale	11⅝	Sale	12⅝	Sale	11⅜ May 15	12⅞ May 29	11⅜ May 15	15⅜ Jan 11
4,650	23,000	Outlet Co	*	22¼	22⅞	24	Sale	23⅝	Sale	23 May 22	24¾ May 1	21⅛ Feb 15	24¾ May 1
53,200	261,300	Owens-Corning Fiberglas	1	57	Sale	60⅞	Sale	62	Sale	60½ May 7	68¾ May 14	53¾ Jan 21	68¾ May 14
56,100	279,600	Owens-Illinois Glass com	6.25	73½	Sale	84	Sale	80	Sale	78 May 31	84½ May 2	72⅛ Jan 24	84½ May 2
6,100	32,100	4% preferred	100	101	Sale	101¼	Sale	102½	Sale	101 May 2	103¾ May 20	100 Mar 1	105 Jan 18
11,400	85,100	Oxford Paper Co common	15	31½	Sale	35	Sale	34¾	Sale	34 May 28	35½ May 7	31⅜ Jan 8	37 Apr 9
720	4,080	$5 preferred	*	100½	Sale	101½	102½	100	101½	100⅛ May 24	101½ May 6	100 Jan 2	104 Feb 6
4,500	21,000	Pacific American Corp	5	17¾	18¼	15¾	Sale	18	Sale	15⅜ May 6	18⅜ May 23	15⅜ May 1	18½ Jan 8
28,800	80,800	Pacific Cement & Arreg	5	12¾	13	14	Sale	15½	Sale	13⅝ May 3	15½ May 31	12⅞ Jan 4	15⅛ May 27
108,900	575,000	Pacific Gas & Electric	10	31⅞	Sale	33⅜	Sale	32¾	Sale	32¼ May 27	33⅝ May 3	31⅞ Jan 2	34⅝ Jan 29
101,000	296,400	Pac. Intermountain Exp Co	5	--	--	19¼	Sale	18⅝	Sale	18½ May 6	19½ May 1	16½ Mar 25	20 Apr 24
68,400	330,100	Pacific Lighting Corp	*	60¾	Sale	54⅜	Sale	57½	Sale	53⅝ May 1	57½ May 31	53⅝ May 1	63¾ Jan 17
643,600	696,100	Pacific Petroleum Ltd	1	--	--	12⅝	Sale	13½	Sale	12⅜ May 9	14½ May 13	§10½ Mar 1	14½ May 13
		Pacific Teleph & Teleg—											
42,100	189,400	Common	14 2/7	31⅝	Sale	34¾	Sale	33	Sale	32¾ May 29	34⅞ May 1	31⅛ Mar 12	35¼ Apr 25
1,670	5,190	6% preferred	100	145½	Sale	153½	Sale	146½	Sale	146½ May 31	153½ May 1	145½ Jan 2	157 Apr 25
14,800	71,800	Pacific Tin Consol Corp	1	5⅝	Sale	5¾	Sale	6	6⅛	5⅝ May 2	6¼ May 15	5⅝ Jan 2	6¼ Jan 28
30,500	134,200	Packaging Corp of Amer	5	16⅛	Sale	14½	Sale	15	Sale	14¼ May 1	15½ May 2	13⅝ Apr 25	17⅝ Jan 15
78,700	273,500	Packard-Bell Electronics	50c	9¼	Sale	12½	Sale	13⅜	Sale	11⅝ May 7	14⅜ May 21	9¼ Jan 2	14⅜ May 21
69,900	337,400	Pan American Sulphur	70c	11¼	Sale	16⅛	Sale	16⅛	Sale	15 May 6	16⅝ May 15	11¼ Jan 2	16⅝ May 15
425,800	2,411,500	Pan Amer World Airways	1	21⅜	Sale	35¼	Sale	39½	Sale	33⅞ May 7	39¾ May 24	21⅜ Jan 2	39¾ May 24
		Panhandle Eastern Pipe											
44,600	272,800	Line Co common	*	67¾	Sale	77¾	Sale	77⅜	Sale	76½ May 28	80¾ May 13	67⅝ Jan 2	80¾ May 13
40	1,070	4% preferred	100	95½	97½	96½	98	96½	98	96½ May 17	96½ May 17	96 Jan 10	98 Jan 17
42,900	315,700	Papercraft Corp	1	--	--	7⅝	Sale	7¾	Sale	7 May 10	8 May 2	6¾ Apr 9	9¼ Jan 28
118,700	259,300	Paramount Pictures	1	36⅛	Sale	37¼	Sale	47	Sale	37 May 1	48¼ May 22	35¼ Mar 8	48¼ May 22
254,700	1,328,800	Parke Davis & Co	*	24⅞	Sale	29⅜	Sale	28	Sale	26¾ May 27	29¾ May 1	24½ Mar 20	29¾ May 1
2,400	18,300	Parmelee Transportation	*	51	Sale	50½	51	49½	Sale	48½ May 24	51½ May 15	48½ May 24	55½ Feb 14
43,200	293,200	Peabody Coal Co common	5	30¾	Sale	34⅛	Sale	34¾	Sale	34 May 1	35 May 15	29½ Jan 28	37 Apr 5
700	5,600	5% conv prior pfd	25	26	26¼	26¼	Sale	26⅝	27	26¼ May 1	26⅝ May 28	25¾ Apr 10	27 Feb 27
7,100	63,600	Pendleton Tool Industries	1	27⅞	Sale	28½	Sale	--	--	25 May 28	28½ May 1	25 May 28	33 Jan 21
‡3,700	4,600	New common	1	--	--	19¼	Sale	17⅝	Sale	17 May 29	19¼ May 1	‡17 May 29	19½ Apr 25
213,500	280,700	Penick & Ford Ltd	1	18	Sale	18⅜	Sale	20⅝	Sale	18¼ May 1	25½ May 22	17⅝ Jan 14	25½ May 22
70,000	293,800	Penn-Dixie Cement Corp	1	17⅛	Sale	17	Sale	17⅜	Sale	16½ May 7	17⅞ May 15	16½ May 7	19½ Jan 9
16,500	125,800	Penn Fruit Co Inc com	5	8¾	Sale	8½	Sale	8⅜	Sale	8¼ May 14	8¾ May 3	8¼ May 14	10⅝ Feb 14
470	12,870	4.68% conv preferred	50	41¼	Sale	44	45	44	45	43⅝ May 23	45¾ May 9	41¼ Jan 2	50¼ Apr 2
121,700	538,800	Penney (J. C.) Co	1	43	Sale	48⅜	Sale	44½	Sale	43¾ May 27	48⅜ May 1	42⅜ Jan 2	50 Apr 29
21,300	185,300	Pennsalt Chemicals Corp	3	36	Sale	37½	Sale	39	Sale	37¼ May 1	39⅞ May 24	34 Jan 3	42 Apr 5
7,400	30,700	Penn Glass Sand Corp	1	30¼	30½	34½	Sale	33¾	Sale	33 May 3	34⅞ May 10	30½ Jan 3	35 Mar 11
46,600	183,400	Penn Power & Light com	*	33	Sale	33⅛	Sale	35¼	Sale	33 May 1	36 May 16	32½ Apr 3	36 May 16
1,440	9,930	4½% preferred	100	101¼	Sale	102½	Sale	104½	105	102½ May 1	105½ May 28	101 Apr 5	106¾ Feb 28
1,370	6,340	4.40% preferred	100	100½	Sale	100	Sale	101	101¾	100 May 1	102 May 17	98¼ Apr 17	103 Feb 13
426,500	1,762,900	Pennsylvania RR Co	10	13¼	Sale	15⅝	Sale	17⅝	Sale	15⅛ May 6	18 May 31	13¼ Jan 2	18 May 31
6,600	30,200	People's Drug Stores Inc	5	35⅝	Sale	39	Sale	40⅝	Sale	38¾ May 1	40⅝ May 31	35¼ Feb 8	40⅝ May 31
36,000	294,000	Peoples Gas Lt & Coke	*	47½	Sale	53¾	Sale	54	Sale	51½ May 28	56½ May 15	46 Feb 11	56½ May 15
2,100	11,870	Peoria & Eastern Ry	100	47½	48¼	50½	51¾	60¾	Sale	50½ May 2	62¾ May 22	49 Jan 4	63 Feb 26
67,900	290,500	Pepsi-Cola Co	33⅓c	46¼	Sale	49½	Sale	48⅜	Sale	46½ May 27	51½ May 7	46 Jan 2	51½ May 7
37,500	208,200	Perkin-Elmer Corp	1	46	Sale	42	Sale	44⅜	Sale	40⅛ May 6	44⅝ May 31	39 Mar 19	48¼ Jan 7
11,800	90,400	Permanente Cement com	1	13¼	Sale	15¼	Sale	15¼	Sale	14¾ May 13	15⅝ May 27	13¼ Jan 2	16⅜ Apr 17
5,100	15,000	5% conv preferred	50	53¼	Sale	52½	52¾	55	Sale	52¼ May 7	55 May 13	51¼ Mar 14	55 Jan 8
15,900	65,400	Pet Milk Co common	*	45¾	Sale	46¾	Sale	47¾	Sale	42 May 27	47¾ May 31	42 May 27	51 Jan 9
140	740	4½% preferred	100	99¾	100½	101	102	101	102	101 May 14	101¾ May 20	99½ Mar 8	101¾ May 20
20,800	20,800	Petrolane Gas Service Inc	1	--	--	--	--	26¼	Sale	26¼ May 31	28¾ May 2	26¼ May 31	28¾ May 2
14,000	76,000	Petroleum Corp of Amer	1	17	Sale	18	Sale	17¾	Sale	17¼ May 6	18⅛ May 1	16¼ Feb 12	18⅛ May 1
15,300	78,000	Pfaudler Permutit Inc	5	26	Sale	26⅞	Sale	24⅞	Sale	24⅞ May 31	27½ May 1	24⅞ May 31	28¾ Jan 9
150,800	875,600	Pfizer (Chas) & Co	33⅓	47	Sale	53¾	Sale	53⅛	Sale	50½ May 21	54⅞ May 9	47 Jan 2	54⅞ May 9
73,200	355,400	Phelps Dodge Corp	12.50	54¾	Sale	59⅞	Sale	59⅞	Sale	58¾ May 10	61¾ May 16	52¾ Mar 6	61¾ May 16
78,400	398,100	Phila Electric Co common	*	29⅝	Sale	33½	Sale	35	Sale	33¼ May 1	36⅛ May 22	29½ Jan 2	36⅛ May 22
680	3,660	4.40% preferred	100	101½	102½	100½	Sale	103	Sale	100½ May 1	103 May 31	100 Jan 7	105 Mar 1
1,240	7,240	3.80% preferred	100	87⅞	Sale	88	89	90¾	Sale	88¼ May 3	90¾ May 31	86⅝ Jan 11	91 Mar 5
490	2,380	4.30% preferred	100	100½	Sale	98	98½	100¾	Sale	98½ May 2	100¾ May 31	97 Apr 19	103 Feb 5
80	1,510	4.68% preferred	100	105	106	104	105	105	106½	104 May 7	105½ May 6	103 Apr 16	106 Apr 1
143,400	772,600	Phila & Reading Corp NY	50c	35⅞	Sale	40	Sale	37½	Sale	37⅛ May 28	41½ May 10	33⅛ Jan 21	41¾ Apr 24
47,900	332,400	Philip Morris & Co com	5	73½	Sale	87⅛	Sale	86⅜	Sale	83¼ May 16	87⅝ May 1	71¾ Jan 25	90½ Apr 22
730	8,080	4% preferred	100	84¼	85¼	89	Sale	88¼	89	88 May 24	90 May 9	84¼ Jan 3	91 Feb 14
420	1,990	3.90% preferred	100	83	84	87½	Sale	86½	87	87 May 20	88¼ May 6	81¾ Jan 10	88¼ May 6
347,500	1,455,300	Phillips Petroleum Co	5	48½	Sale	54⅛	Sale	53⅛	Sale	51⅝ May 14	55⅜ May 22	47⅛ Jan 17	55½ Apr 26
17,500	88,000	Phillips-Van Heusen Corp	1	19½	Sale	18⅜	Sale	19¼	Sale	17¾ May 7	19⅜ May 31	17¾ Apr 15	21¾ Jan 18
28,300	107,100	Pillsbury Co Inc common	*	52¼	Sale	61¾	Sale	56¾	Sale	55 May 27	64¼ May 20	51½ Jan 2	64¼ May 20
140	540	$4 preferred	*	99¼	101	99¾	101	100	101	100 May 13	101 May 7	99½ Jan 8	102½ Jan 18
35,200	216,700	Piper Aircraft Corp	1	30	Sale	34⅝	Sale	32⅜	Sale	32¼ May 21	34⅝ May 1	29⅛ Feb 28	34⅝ May 1
30,200	219,900	Pitney-Bowes Inc	2	40¾	Sale	47¼	Sale	36½	Sale	45 May 28	47⅞ May 3	39 Feb 26	49⅛ Apr 15

For footnotes, see page 29.

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Aggregate Sales in May Shares	Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
17,400	62,800	Pitts Coke & Chemical	10	13½	Sale	15⅜	Sale	15⅞	Sale	15 May 1	16⅝ May 24	13⅜ Jan 3	17⅜ Jan 8
670	1,620	$5 conv preferred	*	72¾	Sale	84½	87	82	83¾	83¾ May 21	86 May 7	72¾ Jan 2	86 May 7
800	3,400	4.80% conv preferred	*	69	71	81	Sale	80¾	81¾	80¾ May 21	82 May 10	73 Jan 10	82 May 10
46,700	214,600	Pittsburgh Forgings Co	1	14¾	Sale	19¼	Sale	21¼	Sale	19¼ May 1	22⅜ May 23	14½ Jan 2	22⅜ May 23
		Pitts Ft Wayne & Chi Ry—											
140	1,430	7% guaranteed pfd	100	134½	Sale	142½	143½	141¼	142	141 May 16	143 May 8	134½ Jan 2	143 May 8
98,200	455,300	Pittsburgh Plate Glass	10	51¾	Sale	54⅝	Sale	55¼	Sale	54½ May 28	57¼ May 16	51¾ Jan 2	57⅞ Jan 14
303,600	858,900	Pittsburgh Steel Co com	*	7	Sale	10½	Sale	13½	Sale	10⅛ May 7	13½ May 31	7 Jan 2	13½ May 31
930	4,780	5% preferred class A	100	37	38	56¾	57¼	56½	57⅞	55½ May 14	58 May 23	38 Jan 3	61¾ May 15
5,700	25,800	5½% 1st ser pr pref	100	40	41	60	60½	61¾	Sale	58½ May 8	61¾ May 15	41 Jan 3	61 May 14
5,300	55,100	Pitts & West Virginia	100	34⅝	Sale	35⅞	Sale	35¼	Sale	33¼ May 14	36½ May 2	32¼ Mar 12	40½ Jan 8
		Pitts Young & Ash Ry—											
200	500	7% non-cum pfd	100	121½	123	126	127½	132	Sale	126 May 3	132 May 31	122 Jan 17	132 May 31
40,000	128,200	Pittston Co common	1	57⅞	58¼	65¾	Sale	69	Sale	63½ May 7	69½ May 31	57⅜ Feb 28	69½ May 31
5,410	11,230	$3.50 conv preferred	75	104½	106½	121	Sale	127	Sale	117½ May 7	127 May 31	105¼ Jan 3	127 May 31
41,200	197,700	Plough Inc	1.25	31¾	Sale	34⅝	Sale	34⅜	Sale	33⅛ May 21	35¼ May 1	28½ Mar 20	35¼ May 1
357,900	1,478,500	Polaroid Co	1	142⅜	Sale	129⅝	Sale	156	Sale	120½ May 6	156 May 31	120½ May 6	156 May 31
30,300	104,900	Poor & Co	10	15⅛	15½	18⅜	Sale	19¾	Sale	18 May 7	20⅛ May 27	15½ Jan 3	20⅛ May 27
2,540	7,240	Porter Co 5½% s f pref	100	94	Sale	98	Sale	96½	97	95 May 23	98⅛ May 1	93 Jan 14	99½ Apr 8
22,300	168,900	Potomac Electric Power	10	43⅛	Sale	45⅞	Sale	--	--	44½ May 8	46 May 6	42 Mar 5	48 Jan 29
‡60,000	67,900	New common	10	--	--	23¼	Sale	22½	Sale	22⅛ May 16	23¼ May 1	‡22⅛ May 16	23⅞ Apr 18
81,700	480,000	Procter & Gamble Co	*	71⅜	Sale	78	Sale	76½	Sale	76¼ May 7	78⅝ May 13	69⅝ Mar 1	79¾ Apr 16
92,300	449,500	Pub Serv Co of Colorado	5	28	Sale	28⅞	Sale	29¼	Sale	28⅜ May 9	29½ May 31	27½ Jan 2	30⅞ Feb 19
		Public Serv Elec & Gas—											
64,600	‡477,800	Common	*	69¼	Sale	73¼	Sale	75⅜	Sale	73 May 1	75⅝ May 31	68⅞ Jan 2	75⅝ May 31
8,500	41,500	$1.40 div pref com	*	30½	Sale	31¾	Sale	31⅛	Sale	30⅞ May 27	31⅞ May 24	30⅛ Jan 2	32½ Feb 18
160	1,790	4.08% preferred	100	97	Sale	93	94½	93½	94½	93 May 13	93¾ May 15	91½ Jan 4	95 Feb 21
100	1,670	4.18% preferred	100	94¾	95	95¼	96¼	94½	96	95½ May 13	95½ May 13	94¾ Jan 14	97½ Apr 5
1,720	5,110	4.30% preferred	100	91	92	97¼	98	99	Sale	97½ May 6	100 May 24	96½ Mar 8	100 Feb 1
660	5,330	5.05% preferred	100	108	Sale	108¼	109	109¼	Sale	108¼ May 16	109½ May 24	106¾ Mar 7	109¾ Jan 15
1,800	5,340	5.28% preferred	100	108¾	Sale	108¾	Sale	109	Sale	108 May 27	110½ May 15	108 May 27	111½ Jan 25
		Public Serv of Indiana—											
41,200	226,400	Common	*	33	Sale	36⅛	Sale	38¾	Sale	35¾ May 6	39 May 23	32¼ Jan 3	39 May 23
630	2,510	3½% preferred	100	76	Sale	79	Sale	80	82	77½ May 8	81 May 13	76 Jan 2	81 May 13
210	8,610	4.32% preferred	25	24¾	Sale	24¼	25¼	24½	24⅞	24 May 3	24½ May 17	24 May 3	25 Mar 14
2,000	3,400	4.16% preferred	25	23	24¼	23½	24¼	23⅞	Sale	23¼ May 17	23⅞ May 31	23 Mar 29	24⅛ Jan 22
42,900	147,800	Publicker Industries com	5	6⅛	Sale	6⅜	6½	7¼	Sale	6⅜ May 2	7⅝ May 16	6 Jan 2	7⅝ May 16
80	1,050	$4.75 preferred	*	84	85	84½	84¾	85	86¼	84¾ May 6	86 May 15	84 Jan 4	86 May 15
14,900	14,900	Puerto Rican Cement Co	1	--	--	--	--	20¾	Sale	[illegible] May 29	22 May 24	20⅜ May 29	22 May 24
59,900	300,300	Puget Sound Pwr & Lt	10	39⅞	Sale	35¾	Sale	37⅛	Sale	35¾ May 1	37⅝ May 15	35¾ Apr 23	40⅜ Jan 4
60,700	159,100	Puget Sound Pulp & Tim	3	19¾	Sale	28½	Sale	29	Sale	28½ May 1	29⅞ May 9	19¾ Jan 2	30 Apr 15
88,800	496,200	Pullman Inc	*	24⅛	Sale	30⅜	Sale	30⅜	Sale	29⅞ May 6	31½ May 14	23¾ Jan 2	31½ May 14
192,200	919,300	Pure Oil Co	5	37½	Sale	40⅜	Sale	42¼	Sale	38½ May 7	42¼ May 31	36¼ Jan 11	42¼ May 31
17,900	69,500	Purolator Products Inc	1	--	--	76	Sale	73¾	Sale	70½ May 17	77¾ May 9	64¼ Apr 3	79½ Apr 24
23,300	115,200	Quaker Oats (The) com	5	62	Sale	62¼	Sale	64½	Sale	62¼ May 1	66¼ May 15	61¼ Feb 19	69½ Jan 18
270	1,780	6% preferred	100	141½	Sale	142	143	144¾	145	142 May 6	145½ May 17	141 Jan 2	147½ Mar 14
4,300	32,000	Quaker State Oil Ref Corp	10	27½	Sale	33⅞	Sale	33⅝	Sale	32¾ May 28	34¼ May 17	27½ Jan 2	34½ Apr 29
526,300	2,260,600	Radio Corp of Amer com	*	57¾	Sale	64½	Sale	70⅛	Sale	63¼ May 6	70¼ May 31	56 Jan 2	70¼ May 31
8,700	51,100	$3.50 1st preferred	*	78¼	Sale	79¼	Sale	80¾	Sale	78½ May 8	82 May 22	77 Apr 17	82 May 22
44,100	221,600	Ralston Purina Co	2.50	34¾	Sale	36⅛	Sale	36⅛	Sale	35⅛ May 28	37⅜ May 13	34½ Jan 2	40 Jan 24
27,200	157,400	Ranco Inc	2.50	17¼	Sale	17¼	Sale	17	Sale	16¾ May 14	17½ May 10	15⅛ Feb 26	18¼ Jan 7
18,000	110,600	Random House Inc	1	12⅜	Sale	10¼	Sale	10¼	Sale	9¾ May 17	10½ May 1	9¾ May 17	13½ Jan 7
‡17,800	22,300	Raybestos-Manhattan new	*	--	--	42	Sale	42¼	Sale	41 May 1	44⅞ May 14	‡41 May 1	44⅞ May 14
82,600	299,800	Raymond Int'l Corp	3.33⅓	8⅞	Sale	11⅛	Sale	12⅛	Sale	11⅛ May 1	12⅝ May 24	8⅝ Jan 2	12⅝ May 24
158,100	895,900	Rayonier Inc	1	21⅞	Sale	29¼	Sale	28¾	Sale	27 May 28	29⅞ May 2	21½ Jan 2	29⅞ May 2
135,800	761,700	Raytheon Co	5	28½	Sale	22¾	Sale	22¾	Sale	22 May 6	24¾ May 17	21½ Apr 22	30½ Jan 8
50,300	92,200	Reading Co common	50	7⅞	Sale	8	8¼	12⅝	Sale	7⅞ May 6	12¾ May 31	7½ Jan 21	12¾ May 31
10,600	22,300	4% non-cum 1st pfd	50	15¼	Sale	14½	15	18	Sale	14½ May 8	18⅝ May 20	14⅜ Apr 30	18⅝ May 20
10,100	24,700	4% non-cum 2nd pfd	50	12	Sale	10¾	11⅜	14¼	Sale	10⅝ May 7	14⅞ May 20	10½ Mar 14	14⅞ May 20
‡21,900	62,200	Red Owl Stores	*	--	--	28⅜	Sale	29⅜	Sale	27⅝ May 9	29⅝ May 28	‡22⅞ Mar 5	29⅝ May 28
3,400	26,700	Reed Roller Bit Co	*	15⅝	Sale	16	16⅛	16	Sale	15⅝ May 16	16⅛ May 9	15½ Jan 7	17⅜ Feb 21
27,100	90,900	Reeves Bros Inc	50c	12⅞	Sale	13¾	Sale	14¼	Sale	13⅛ May 8	15⅜ May 9	12 Jan 2	15⅜ May 9
90,200	348,200	Reichhold Chemicals	1	10¾	Sale	10¼	Sale	11⅞	Sale	10 May 8	12⅛ May 29	10 May 8	13 Jan 11
6,700	29,200	Reliable Stores Corp	10	18½	Sale	22⅛	Sale	22⅝	Sale	22 May 1	23⅜ May 1	18⅜ Jan 4	23½ Apr 22
9,100	54,700	Reliance Electric & Eng Co	5	39½	Sale	41⅞	Sale	45¼	Sale	41⅜ May 1	45½ May 23	38⅛ Jan 3	45½ May 23
21,700	169,800	Reliance Mfg Co com	5	14¼	Sale	16	Sale	15⅝	Sale	14¾ May 3	16¾ May 8	13¾ Mar 26	20½ Jan 17
770	1,700	3½% conv pfd	100	53	Sale	62	63½	62	63½	61½ May 14	63½ May 6	53 Jan 2	69 Jan 17
86,600	536,900	Republic Aviation	50c	16¼	Sale	17¾	Sale	16¾	Sale	16⅝ May 14	17⅞ May 1	16¼ Jan 2	18½ Feb 26
27,000	198,400	Republic Corp com	50c	6¾	Sale	9⅞	Sale	9⅞	Sale	9⅝ May 8	10⅛ May 27	6¾ Jan 2	10¼ Apr 19
4,000	16,800	$1 conv preferred	10	14	Sale	16	16½	16½	Sale	15⅞ May 23	16¾ May 2	14 Jan 2	16¾ May 2
273,800	1,339,000	Republic Steel Corp	10	34⅞	Sale	38⅜	Sale	39	Sale	37¾ May 7	39⅜ May 22	34¾ Jan 2	41⅜ Apr 16
36,000	139,100	Revere Copper & Brass	5	36⅛	Sale	44½	Sale	48⅞	Sale	42 May 10	48⅞ May 31	36⅛ Jan 2	48⅞ May 31
153,600	740,000	Revlon Inc	1	40⅜	Sale	44¼	Sale	41¼	Sale	40¼ May 29	44⅝ May 1	40¼ Jan 2	48½ Jan 24
67,200	484,200	Rexall Drug & Chem Co	2.50	33	Sale	35⅜	Sale	34⅛	Sale	33½ May 27	35⅞ May 1	29 Mar 6	37⅛ Jan 7
686,200	1,997,300	Reynolds Metals Co com	*	23¾	Sale	29	Sale	34	Sale	28⅝ May 1	35⅛ May 16	23⅝ Jan 2	35⅛ May 16
15,900	47,600	4¾% preferred ser A	50	50	50⅜	50¼	50⅝	51⅞	Sale	50⅝ May 2	52⅜ May 21	49⅝ Jan 8	52⅜ May 21
13,600	47,800	4½% conv 2nd pfd	100	102¼	Sale	105	Sale	107¼	Sale	104¾ May 10	107¼ May 31	102⅛ Jan 3	110 Jan 2
371,700	2,059,300	Reynolds (R J) Tob com	5	41¾	Sale	44⅞	Sale	42⅜	Sale	42⅛ May 29	47⅜ May 14	38½ Mar 1	47⅜ May 14
1,700	7,100	3.60% preferred	100	87½	89	87¾	88	88⅛	Sale	87¾ May 2	88⅛ May 20	87 Feb 7	88¼ Feb 8
47,200	437,600	Rheem Mfg Co	1	10½	Sale	14⅛	Sale	13⅝	Sale	13⅝ May 3	14⅜ May 7	10⅜ Jan 2	15 Apr 15
138,600	449,900	Rhodesian Selection Tr	£	4¼	Sale	5⅝	Sale	5⅞	Sale	5½ May 1	6⅛ May 22	4¼ Jan 2	6⅛ May 22
85,500	380,600	Richardson-Merrell Inc	1.25	58	Sale	59¾	Sale	57⅜	Sale	56⅝ May 27	61⅜ May 1	55 Jan 17	65¾ Feb 21
57,400	329,000	Richfield Oil Corp	*	39⅝	Sale	45⅜	Sale	43¾	Sale	43⅜ May 20	45¾ May 9	39 Jan 2	47⅝ Apr 10
20,500	88,400	Riegel Paper Corp	10	32¾	Sale	33¾	Sale	30¼	Sale	30¼ May 28	34 May 1	30¼ May 28	36⅜ Apr 16
13,600	56,700	Ritter Co	2.50	19¼	19¾	26⅜	Sale	26¼	Sale	24½ May 7	27⅛ May 29	19⅞ Jan 3	27⅛ May 29
39,000	134,200	Robertshaw Controls Co	1	24⅝	Sale	25⅛	Sale	28¼	Sale	25 May 1	28⅜ May 31	23½ Mar 19	28⅜ May 31
29,400	176,400	Rochester Gas & Elec Corp	*	27⅝	Sale	32½	Sale	32	Sale	31⅜ May 28	33 May 2	27 Jan 3	33 May 2
16,200	98,100	Rochester Telephone Corp	10	37	37¼	41⅝	Sale	40	Sale	39½ May 31	42 May 1	37¾ Jan 2	43 Apr 11
65,100	243,900	Rockwell-Standard Corp	5	34⅛	Sale	39⅝	Sale	39¼	Sale	38⅞ May 14	40½ May 20	34⅛ Jan 2	40¾ Apr 25
		Rohm & Haas Co—											
26,500	113,800	Common	5	114	Sale	121¼	Sale	134¼	Sale	117¼ May 7	137½ May 24	104 Feb 12	137½ May 23
80	350	4% preferred ser A	100	113½	115½	96¼	97	95½	98	97 May 24	97 May 24	94 Mar 19	97 May 24
55,500	208,700	Rohr Corp	1	16⅞	Sale	16⅝	Sale	17⅝	Sale	16⅜ May 3	17¾ May 31	16¼ Mar 4	17⅞ Jan 9
58,200	283,400	Ronson Corp	1	23⅞	Sale	26	Sale	25⅜	Sale	24¾ May 28	27½ May 8	21 Mar 18	27½ May 8
30,100	57,000	Roper (Geo D) Corp	1	19	Sale	29⅜	Sale	33⅛	Sale	28¾ May 2	34⅛ May 20	18⅝ Jan 2	34⅛ May 20
18,900	184,600	Royal Crown Cola Co	1	27	Sale	34⅜	34⅞	32⅝	Sale	31⅛ May 23	35¼ May 2	26⅞ Jan 2	38 Feb 6
498,900	2,510,300	Royal Dutch Petrol Co	20g	43½	Sale	49⅝	Sale	48	Sale	46¾ May 7	49¾ May 1	43¼ Jan 2	49¾ May 1
63,400	252,100	Royal McBee Corp	1	9	Sale	9⅞	Sale	9⅜	Sale	9⅜ May 6	10⅜ May 21	8⅞ Jan 2	10⅞ Jan 17
9,400	56,100	Rubbermaid Inc	1	12⅝	Sale	12½	Sale	12¾	Sale	12¼ May 1	13 May 27	12 Apr 15	13½ Jan 9
36,900	176,900	Ruberoid Co	1	27½	Sale	26½	Sale	28¼	Sale	26½ May 1	28⅞ May 23	26⅛ Apr 29	31⅞ Feb 1
2,900	12,300	Ruppert (Jacob)	5	11⅞	12	12¼	12½	11¾	Sale	11¾ May 10	12¾ May 3	11⅝ Jan 21	14½ Feb 19
18,700	86,800	Ryan Aeronautical Co	*	16⅝	Sale	17⅛	Sale	17⅝	Sale	16¾ May 14	18 May 24	16½ Mar 21	19⅜ Jan 10
68,600	797,900	Ryder System Inc	2.50	9¼	Sale	12⅛	Sale	11⅝	Sale	11⅛ May 7	12⅛ May 1	9 Jan 2	12½ Apr 8
82,800	432,400	Safeway Stores com	1.66⅔	46⅛	Sale	57	Sale	56¾	Sale	54½ May 27	57⅞ May 3	45⅜ Feb 4	57⅞ May 3
1,800	7,850	4% preferred	100	93¾	Sale	94¼	Sale	94½	Sale	93¾ May 3	96 May 27	91¼ Apr 22	96 Feb 20
----	----	4.30% conv preferred	100	200	360	257	400	300	400	--	------	--	------
59,800	303,300	St Joseph Lead Co	10	25¼	Sale	29¼	Sale	31¾	Sale	28⅞ May 1	32¾ May 17	25 Jan 7	32¾ May 16
8,800	39,700	St Joseph Lt & Pwr Co	*	19⅝	Sale	20½	Sale	20¼	Sale	20 May 23	20¾ May 3	19 Jan 10	21⅝ Feb 20
60,600	347,800	St Louis-San Fran Ry com	*	18⅞	Sale	22¾	Sale	23½	Sale	22½ May 6	23⅞ May 16	18¾ Jan 2	23⅞ May 16
3,400	18,000	5% preferred ser A	100	80	80½	84½	Sale	83¼	84½	82½ May 17	86 May 9	79 Jan 8	86 May 9
107,600	723,100	St Regis Paper Co	5	26¾	Sale	33½	Sale	34	Sale	32¾ May 6	34¼ May 22	26½ Jan 2	34⅜ Apr 22
34,000	196,200	San Diego Gas & Elec Co	10	35⅜	Sale	38	Sale	37¼	Sale	36⅛ May 21	38⅛ May 1	35 Jan 2	39⅝ Mar 15
289,400	2,130,100	San Diego Imperial Corp	1	10	Sale	12⅝	Sale	11⅞	Sale	11⅛ May 28	12⅞ May 16	10 Jan 2	13¾ Apr 15
25,200	81,700	Sangamo Electric Co	5	11⅞	12	11½	Sale	12	Sale	11½ May 6	12⅞ May 15	11⅛ Apr 15	13⅜ Jan 10
159,100	497,300	Schenley Industries Inc	1.40	18½	Sale	20⅛	Sale	22⅛	Sale	19¾ May 2	23⅛ May 21	18½ Jan 2	23⅛ May 21
13,700	48,300	Convertible pref	35c	9¼	Sale	9¾	Sale	9⅞	Sale	9¾ May 1	10⅛ May 28	9⅛ Jan 15	10⅛ May 28
96,800	444,500	Schering Corp common	1	39⅝	Sale	41½	Sale	40	Sale	39¾ May 24	42⅛ May 15	38½ Mar 29	45½ Jan 16
11,400	62,400	5% conv preferred	30	33⅛	Sale	32¾	Sale	32½	32¾	32¼ May 23	33 May 3	32¼ Apr 4	35⅞ Jan 16
65,200	387,300	Schick Inc	1	6⅝	Sale	9⅛	Sale	8⅞	Sale	8⅜ May 8	9¾ May 20	6¼ Jan 2	10 Mar 7
75,100	287,100	Schlumberger (Ltd)	1	66¼	Sale	73	Sale	72½	Sale	72 May 28	75¼ May 15	65⅜ Feb 12	75¾ Apr 26
78,500	477,700	SCM Corp common	5	13¾	Sale	12⅞	Sale	12¼	Sale	11½ May 7	13¼ May 13	11½ May 7	16⅜ Jan 23
20,400	85,300	5½% conv preferred	50	52½	Sale	54⅞	Sale	52½	Sale	52 May 28	55⅛ May 1	51¾ Jan 3	59 Jan 22

For footnotes, see page 29.

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Aggregate Sales in May Shares	Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
117,800	768,500	Scott Paper Co common	*	32⅜	Sale	35½	Sale	34⅝	Sale	33½ May 27	36¼ May 3	31 Mar 15	36⅜ Apr 26
120	1,380	$3.40 preferred	*	85½	87	90	92	90	91	90 May 9	90 May 9	86 Jan 8	92 Apr 5
100	3,890	$4 preferred	*	97	99½	100	101	101½	Sale	101 May 17	102 May 27	97⅛ Jan 9	102 Jan 23
78,000	298,750	Scovill Mfg Co common	25	21⅛	Sale	27⅛	Sale	27¾	Sale	26⅝ May 2	29 May 20	21⅛ Jan 2	29 May 20
60	330	3.65% preferred	100	77	78½	78	79	79½	81½	78 May 14	80¼ May 29	77 Jan 18	80¼ May 29
21,000	108,100	Screw & Bolt Corp of Amer	1	4½	Sale	4⅞	Sale	4⅝	Sale	4⅝ May 6	5⅛ May 2	4⅜ Jan 2	5½ Apr 2
101,900	565,700	Seaboard Air Line RR	20	33⅜	Sale	36¼	Sale	39¾	Sale	36 May 1	40¼ May 29	32½ Jan 2	40¼ May 29
94,700	440,700	Seaboard Finance	1	17⅛	Sale	19¾	Sale	21⅛	Sale	19½ May 20	21⅜ May 31	17⅛ Jan 2	21⅜ May 31
57,600	220,000	Seagrave Corp (The)	5	20	Sale	31⅞	Sale	27	Sale	25½ May 17	33⅛ May 2	20 Jan 2	33⅛ May 2
‡600	600	When issued	2.50	--	--	--	--	13⅝	Sale	13½ May 29	13⅞ May 31	‡13½ May 29	13⅞ May 31
‡14,100	65,700	Sealright-Oswego Falls	5	--	--	35⅝	Sale	34⅞	Sale	34¼ May 27	36⅛ May 15	‡29¾ Mar 19	36¼ Apr 25
197,200	863,900	Sears Roebuck & Co	3	76⅜	Sale	83	Sale	89¼	Sale	83 May 1	90¾ May 22	74 Jan 17	90¾ May 22
32,100	92,300	Seiberling Rubber Co	1	9½	10	11¾	Sale	14⅞	Sale	11⅝ May 1	16 May 20	9 Mar 6	16 May 20
50,200	308,300	Servel Inc common	1	9¼	Sale	8⅞	Sale	8	Sale	7¾ May 31	8⅞ May 1	7¾ May 31	11¼ Jan 22
640	760	$5.25 preferred	*	103	105	106	110	105	107	105 May 29	106 May 7	103¼ Jan 8	106 Mar 12
52,200	160,800	SFC Financial Corp	1	--	--	15⅝	Sale	15⅞	Sale	14⅞ May 10	16 May 29	13½ Jan 24	16 May 29
11,200	96,100	Shahmoon Industries Inc	2.50	9½	Sale	14	Sale	14¾	Sale	13¾ May 3	15½ May 22	9½ Jan 2	15⅞ Mar 18
33,800	262,900	Shamrock Oil & Gas	1	37⅛	Sale	41	Sale	40½	Sale	39½ May 9	42¼ May 1	34½ Jan 30	43½ Apr 22
27,000	196,400	Sharon Steel Corp	*	18¾	Sale	21⅜	Sale	22¾	Sale	20⅛ May 7	23 May 23	18¾ Jan 2	24⅛ Jan 23
41,200	131,400	Shattuck (Frank G) Co	*	12	Sale	15⅜	Sale	14⅝	Sale	14⅝ May 17	17½ May 7	11⅞ Jan 2	17½ May 7
232,900	1,055,300	Shell Oil Co	1	38	Sale	41¾	Sale	43¾	Sale	40⅜ May 7	43⅞ May 13	34⅝ Jan 16	43⅞ May 13
103,600	349,400	Shell Transport & Trading N Y shares ordinary		22⅞	Sale	24½	Sale	24	Sale	23¼ May 27	24⅞ May 3	22¼ Feb 11	24⅞ May 3
67,900	167,500	Sheller Mfg Corp	1	19¼	Sale	22	Sale	24	Sale	22 May 1	25¼ May 23	19¼ Jan 2	25¼ May 23
68,600	490,200	Sheraton Corp of Amer	50c	10⅝	Sale	8⅞	Sale	9¼	Sale	8⅝ May 14	9½ May 27	8⅜ Apr 26	13⅛ Jan 14
14,700	40,400	Shoe Corp of America	1	16¼	Sale	17⅞	Sale	17	Sale	17 May 14	18½ May 8	16¼ Jan 2	19⅛ Feb 18
15,300	83,900	Signode Steel Strapping Co	1	24½	Sale	24¾	Sale	23¼	Sale	22 May 7	24¾ May 1	22 Mar 15	26½ Jan 28
39,400	135,000	Simmons Co	*	32½	Sale	34¾	Sale	38⅞	Sale	34½ May 6	39¾ May 22	32½ Jan 2	39¾ May 22
4,300	35,100	Simonds Saw & Steel Co	*	28¾	29¼	30	Sale	29⅞	Sale	29½ May 16	30 May 1	28⅞ Jan 9	32¾ Feb 11
68,600	153,200	Simplicity Pattern Co	50c	22¼	Sale	25½	Sale	25⅞	Sale	25½ May 1	27¼ May 22	22 Jan 7	28½ Apr 15
261,500	1,429,600	Sinclair Oil Corp	5	36	Sale	46⅜	Sale	44⅞	Sale	43⅛ May 8	46⅜ May 1	35½ Jan 2	46⅝ Apr 30
‡67,600	179,100	Singer Co	10	--	--	70	Sale	75	Sale	69¾ May 2	76½ May 17	‡63 Mar 1	76½ May 17
16,700	114,800	Skelly Oil Co	25	56	Sale	59⅞	Sale	59½	Sale	59 May 6	61 May 8	55¾ Jan 3	63¾ Mar 22
62,000	159,700	Smith (A O) Corp	10	23¼	Sale	25¾	Sale	30½	Sale	25⅝ May 1	31⅜ May 22	23 Jan 2	31⅜ May 22
328,900	437,500	Smith-Douglass Co Inc	5	23¾	Sale	31⅛	Sale	41¾	Sale	31⅛ May 1	42⅞ May 24	23⅝ Jan 2	42⅝ May 22
54,000	332,000	Smith Kline & French Lab	*	64¼	Sale	67⅝	Sale	64¾	Sale	63¾ May 29	68⅜ May 1	60¾ Mar 20	68½ Apr 29
176,000	1,013,500	Socony Mobil Inc	15	58⅜	Sale	67¼	Sale	68¾	Sale	64½ May 8	69½ May 29	58¼ Jan 2	69½ Apr 16
113,600	437,600	Soo Line RR Co	*	11⅞	Sale	17¼	Sale	21⅝	Sale	17 May 1	21⅞ May 31	11⅞ Jan 2	21⅞ May 31
24,100	191,500	South Amer Gold & Plat	1	8⅜	Sale	8⅞	Sale	9⅛	Sale	8⅝ May 3	9¼ May 23	8¼ Jan 4	10¼ Feb 6
18,300	124,300	So Caro El & Gas com	4.50	56½	Sale	59½	Sale	56¾	Sale	56¼ May 27	60½ May 6	53¼ Jan 21	61½ Apr 24
800	3,500	5% preferred	50	52	54	52	53¼	53¼	Sale	52 May 3	53¼ May 21	51⅝ Mar 18	54 Feb 4
12,900	53,500	South Jersey Gas Co	2.50	33	Sale	38½	Sale	41⅛	Sale	38½ May 1	41½ May 23	32¾ Jan 2	41½ Feb 28
656,500	1,437,600	South Puerto Rico Sugar	5	29½	Sale	45⅞	Sale	42¼	Sale	40¾ May 3	49¾ May 21	28½ Jan 2	49¾ May 21
4,300	29,000	8% preferred	25	31	Sale	33⅝	Sale	34½	35½	33 May 14	35 May 29	30½ Jan 4	25½ Feb 25
14,200	91,500	Southeastern Pub Service	1	23¼	Sale	26⅜	Sale	25	Sale	24¾ May 29	26⅜ May 1	22¼ Jan 15	27 Feb 18
213,300	796,700	Southern Calif Edison	8⅓	30⅞	Sale	31¾	Sale	32⅛	Sale	31¼ May 8	32⅞ May 16	30¾ Mar 4	33 Jan 25
69,500	313,500	Southern Co (The)	5	51½	Sale	55⅝	Sale	54⅛	Sale	54⅛ May 29	57 May 13	51⅛ Jan 2	57 May 13
4,400	40,600	Southern Indiana Gas & El	*	50	Sale	55⅞	Sale	54½	Sale	54½ May 31	57¾ May 14	50 Jan 2	57¾ Apr 25
39,900	285,900	Southern Natural Gas	7.50	43	Sale	51⅞	Sale	51¾	Sale	50 May 17	52⅜ May 3	43 Jan 2	52⅜ Apr 19
239,100	1,149,300	Southern Pacific Co	*	29⅛	Sale	33¾	Sale	35¾	Sale	33⅜ May 1	36⅝ May 31	28⅜ Mar 1	36⅝ May 31
84,000	361,400	Southern Ry Co common	*	56¾	Sale	63¾	Sale	64¾	Sale	61¾ May 27	64⅞ May 31	55¼ Mar 6	65¾ Apr 23
18,500	97,500	5% non-cum pfd	20	20⅛	Sale	21	Sale	20½	Sale	20⅜ May 29	21⅜ May 3	19⅞ Feb 5	21⅜ May 3
90	730	Mobile & Ohio Ctfs	100	71¾	74	74⅛	Sale	76	80	74⅛ May 1	77½ May 29	72 Jan 31	77½ May 29
27,500	161,300	Southwestern Pub Serv	1	35	Sale	35⅞	Sale	36½	Sale	34¾ May 9	37 May 29	33⅜ Mar 1	37 May 29
18,100	69,700	Spalding (A G) & Bros Inc	1	15	Sale	17⅜	Sale	18	Sale	17⅜ May 1	19½ May 23	15 Jan 2	19½ May 23
55,700	224,200	Spartans Industries	1	12½	Sale	13½	Sale	13¼	Sale	12⅛ May 20	14⅛ May 1	10⅝ Mar 6	14¼ Jan 28
46,700	237,900	Sparton Corp	2.50	7⅛	Sale	8⅝	Sale	8¾	Sale	8¼ May 13	9¼ May 15	6⅞ Jan 3	9¼ Apr 24
155,200	467,400	Spencer Chemical com	6	29⅜	Sale	31⅜	Sale	33	Sale	31 May 13	35¾ May 23	25⅞ Mar 19	35¾ May 23
110	870	4.20% preferred	100	95¾	96½	95¼	96½	95½	97	94¼ May 7	96 May 20	94¼ May 7	97 Feb 1
681,900	3,645,000	Sperry-Rand Corp com	50c	13¾	Sale	13¼	Sale	13½	Sale	13⅛ May 1	14¼ May 7	12⅞ Mar 26	15 Jan 18
1,200	8,880	$4.50 preferred	25	94	94½	94½	95	95	Sale	94½ May 28	95¾ May 8	93 Apr 24	98½ Feb 7
118,200	676,400	Spiegel Co Inc common	*	25¼	Sale	29¾	Sale	30½	Sale	29 May 8	32¼ May 16	25 Jan 3	32¼ May 16
360	2,330	$4.50 preferred	*	82¾	Sale	89	Sale	90	Sale	88½ May 27	90 May 10	82⅛ Jan 2	90 Feb 1
83,500	322,100	Square D Co	5	35⅞	Sale	43¼	Sale	47	Sale	41¼ May 6	48½ May 22	35⅞ Jan 2	48½ Feb 22
3,400	3,400	Staley (A E) Mfg Co	10	--	--	--	--	41½	Sale	41½ May 31	43⅛ May 29	41½ May 31	43⅛ May 29
52,100	233,000	Standard Brands common	*	64⅛	Sale	69	Sale	69½	Sale	67¾ May 24	73⅜ May 7	64 Jan 2	73⅜ May 7
1,330	5,950	$3.50 preferred	*	83	Sale	82½	83¼	83⅞	Sale	82¾ May 2	85 May 23	81 Jan 22	85¾ Apr 15
102,700	421,400	Standard Kollsman Ind Inc	1	18⅞	Sale	16⅛	Sale	16⅝	Sale	14⅝ May 7	16¾ May 31	14⅝ May 7	20½ Feb 14
		Standard Oil Co—											
182,700	812,900	California common	6.25	63	Sale	67½	Sale	63¾	Sale	63 May 20	68 May 1	61¼ Feb 28	69¼ Apr 24
8,600	41,700	$3.30 conv preferred	*	95½	Sale	95¾	Sale	95	Sale	94⅛ May 17	97 May 6	93 Feb 13	98¼ Apr 9
170,200	946,000	Indiana	25	48¼	Sale	59⅞	Sale	58	Sale	56¾ May 8	60½ May 6	46⅝ Jan 2	60½ May 6
519,400	2,966,400	New Jersey	7	59½	Sale	67⅞	Sale	67¾	Sale	64 May 8	70 May 8	58⅜ Jan 2	68⅛ Apr 15
35,200	162,100	Ohio common	10	53¼	Sale	68¾	Sale	64⅝	Sale	59¾ May 21	70⅝ May 13	52⅝ Jan 2	70⅝ May 13
800	2,800	3¾% pfd series A	100	89½	91½	92	Sale	92	93¾	92 May 1	92 May 1	90 Jan 22	93 Apr 3
84,700	474,600	Standard Pckg Corp com	1	14¾	Sale	13½	Sale	13⅝	Sale	13⅜ May 28	14½ May 15	13⅜ May 28	16¼ Feb 26
800	5,700	$1.60 conv preference	20	49½	Sale	48	49	47¼	49	47 May 13	49 May 2	47 May 13	53½ Jan 9
12,600	49,900	$1.20 conv preference	20	24¾	Sale	24⅜	24⅝	23¾	Sale	23⅛ May 24	24⅞ May 1	23⅛ May 24	26 Jan 17
46,000	77,800	6% conv preferred	20	25⅛	25½	24¾	Sale	23⅞	Sale	23 May 24	25 May 2	23 May 24	27½ Jan 29
18,300	125,800	Standard Pressed Steel Co	1	12¾	Sale	12⅞	Sale	12¾	Sale	12⅜ May 28	13¼ May 6	12⅜ May 28	16⅜ Jan 24
47,600	191,000	Stanley Warner Corp	5	21⅛	Sale	22½	Sale	24⅛	Sale	22⅛ May 9	24¾ May 24	20½ Mar 25	24¾ May 24
49,400	160,900	Stanray Corp	1	7¼	Sale	9	Sale	9⅞	Sale	8¾ May 1	10¼ May 16	7¼ Jan 2	10¼ May 16
1,800	13,300	Starrett Co (The) L S	*	31	32	29	Sale	29¾	30	29 May 1	30⅛ May 16	29 Mar 18	31½ Jan 3
64,800	300,500	Stauffer Chemical com	5	35¾	Sale	36	Sale	35	Sale	33⅞ May 13	36¼ May 1	32½ Mar 18	38⅝ Jan 15
----	230	3½% preferred	100	83¼	84	82⅝	84	82¾	84½	-- ------	-- ------	83¼ Feb 7	85 Feb 27
4,400	14,100	Sterchi Bros Stores Inc	1	16⅛	Sale	16¼	Sale	16¼	Sale	16⅛ May 2	16¼ May 1	15¾ Jan 3	17¼ Feb 6
31,400	218,800	Sterling Drug Inc	5	75	Sale	83½	Sale	79¾	Sale	79¼ May 31	84⅞ May 16	71½ Jan 18	84⅞ May 16
‡17,400	17,400	When issued	2.50	--	--	--	--	27⅛	Sale	26¾ May 27	28½ May 20	‡26¾ May 27	28½ May 20
91,200	370,500	Stevens (J P) & Co Inc	15	30⅜	Sale	35	Sale	32½	Sale	32¼ May 29	35⅛ May 1	29½ Jan 18	35½ Apr 18
44,900	204,100	Stewart-Warner Corp	2.50	30¼	Sale	36½	Sale	35¼	Sale	34¾ May 14	36⅝ May 1	29¼ Feb 25	36¾ Apr 24
33,000	270,100	5% prior preference	20	18¾	19	19	Sale	20¼	Sale	18½ May 3	20⅝ May 27	18¾ Jan 11	19⅞ Feb 21
2,000	21,900	Stokely-Van Camp com	1	18⅜	Sale	19½	Sale	19⅞	Sale	19½ May 1	19⅞ May 20	17¾ Jan 11	24¼ Jan 25
32,400	106,300	Stone & Webster Inc	1	51	Sale	53⅞	Sale	55½	Sale	51 May 14	56⅛ May 31	50⅛ Mar 20	56⅛ May 31
5,900	41,500	Stone Container Corp	1	15¾	Sale	16	Sale	15¼	Sale	15⅛ May 22	16 May 1	15 Apr 11	18⅜ Jan 11
31,100	133,500	Storer Broadcasting Co	1	31⅛	Sale	38⅞	Sale	42½	Sale	38⅞ May 1	42½ May 31	31 Jan 2	42½ May 31
10,200	61,900	Stouffer Foods Corp	1.25	23⅝	Sale	30¼	Sale	33¼	Sale	29⅞ May 2	34¾ May 14	23½ Jan 2	34¾ May 14
596,000	2,337,000	Studebaker Corp	1	6¼	Sale	6¼	Sale	6	Sale	5⅞ May 17	6⅜ May 1	5⅞ May 17	8 Feb 14
35,100	187,000	Suburban Gas	1	17½	Sale	20½	Sale	19	Sale	18½ May 27	21⅜ May 2	17½ Jan 2	21½ Apr 16
29,900	161,810	Suburban Propane Gas	1	25⅛	Sale	29¾	Sale	30⅛	Sale	29⅛ May 1	31⅜ May 14	25⅛ Jan 2	31⅜ May 14
40,700	66,600	SuCrest Corp	1	18½	19	22	Sale	23¼	Sale	20⅜ May 7	28½ May 21	18⅝ Jan 3	28½ May 21
29,200	106,000	Sunbeam Corp	1	43¼	Sale	49¼	Sale	49⅞	Sale	46½ May 8	50⅞ May 22	41⅛ Jan 4	50⅞ May 22
70,500	284,500	Sunstrand Corporation	5	23	Sale	23¼	Sale	27⅛	Sale	23¼ May 1	28⅛ May 23	21½ Jan 2	28⅛ May 23
17,200	87,500	Sun Chemical Corp com	1	8¾	Sale	9¾	Sale	9¾	Sale	9⅜ May 21	10¼ May 3	8¾ Jan 2	10¼ Feb 5
1,000	2,260	$4.50 preferred series A	*	84	86	90⅜	93	98	100	93 May 10	98½ May 10	85 Jan 7	98½ May 10
21,600	141,100	Sun Oil Co	*	44½	Sale	50¼	Sale	49	Sale	48⅜ May 7	50¼ May 1	43½ Jan 3	50⅜ Apr 18
749,900	4,368,700	Sunray DX Oil Co new	1	25½	Sale	32⅞	Sale	33¼	Sale	31⅞ May 7	34⅝ May 17	25¼ Jan 2	34⅞ Apr 18
‡15,000	17,600	Sunshine Biscuits	6.25	--	--	56	Sale	54	Sale	53⅛ May 29	56⅜ May 2	‡53⅛ May 29	56⅜ May 2
116,100	297,600	Sunshine Mining Co	10c	7¾	Sale	9	Sale	10¾	Sale	9 May 1	11⅝ May 22	7¾ Jan 2	11⅝ May 22
10,710	41,580	Superior Oil Co (Calif)	25	1087	Sale	1468	Sale	1475	Sale	1420 May 27	1559 May 14	1045 Jan 21	1559 May 14
10,700	36,600	Sweets Co of Am	1.38 8/9	15¾	Sale	20	Sale	17⅝	Sale	17 May 20	20 May 1	15⅝ Jan 2	20 May 1
69,900	330,000	Swift & Co	25	40¾	Sale	43	Sale	42⅞	Sale	42¼ May 3	43½ May 24	40⅛ Jan 2	44⅜ Apr 10
73,700	214,300	Swingline Inc class A	1	31⅛	Sale	34	Sale	35⅝	Sale	33½ May 1	36⅜ May 8	29⅝ Apr 2	36⅜ May 8
81,300	397,600	Symington-Wayne Corp	1	15½	Sale	17⅜	Sale	18⅛	Sale	17 May 28	18⅛ May 31	15⅜ Jan 2	19¼ Apr 17
27,900	205,600	Taft Broadcasting Co	1	17⅞	Sale	27⅜	Sale	27	Sale	26¼ May 3	28¼ May 20	17⅞ Jan 2	28¼ May 20
104,600	438,100	Talcott (James) Inc	4.50	40⅛	Sale	38⅜	Sale	34⅞	Sale	34⅜ May 28	38⅝ May 1	34⅜ May 28	42¼ Jan 18
10,000	10,000	Talon Inc	5	--	--	--	--	43⅝	Sale	43⅝ May 28	48 May 15	§43⅝ May 28	48 May 15
9,600	84,400	Tandy Corp	1	6¾	Sale	6¼	Sale	6⅛	Sale	6 May 16	6½ May 8	6 May 16	7¾ Jan 25
23,900	145,700	TelAutograph Corp	1	5⅞	Sale	6⅛	Sale	5⅞	Sale	5¾ May 28	6⅞ May 10	5½ Mar 26	7⅜ Jan 25
132,500	683,500	Tennessee Corp	1.25	47¾	Sale	52½	Sale	54	Sale	50¼ May 13	54 May 31	45⅝ Feb 19	54 May 31
222,400	1,757,900	Tennessee Gas Trans Co	5	18	Sale	21⅜	Sale	20⅝	Sale	20½ May 20	21½ May 1	17¾ Jan 2	21½ Apr 30
434,200	1,551,000	Texaco Inc	12.50	61½	Sale	69½	Sale	66⅝	Sale	64⅞ May 24	70 May 2	59½ Jan 7	70 May 2

For footnotes, see page 29.

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Aggregate Sales in May Shares	Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
117,300	670,100	Texas Eastern Transmn	3.50	16½	Sale	18⅜	Sale	18¼	Sale	18 May 23	18⅝ May 1	16¼ Jan 2	18⅝ Apr 30
24,800	94,900	Texas Gas Transmission	5	41½	41⅞	46⅛	Sale	47¾	Sale	45⅝ May 6	49¼ May 22	41¼ Mar 4	49¼ May 22
355,000	1,849,900	Texas Gulf Producing	33⅓	41⅝	Sale	53¾	Sale	59⅜	Sale	53¼ May 7	60½ May 24	41⅝ Jan 2	60½ May 24
209,600	1,185,000	Texas Gulf Sulphur	*	14⅜	Sale	15½	Sale	15⅝	Sale	15⅛ May 8	16⅞ May 15	13¾ Mar 26	16⅞ May 15
287,100	953,700	Texas Instruments Inc	1	63¾	Sale	70	Sale	85⅜	Sale	67 May 3	85⅞ May 31	57 Apr 5	86 May 31
121,400	957,500	Texas Pacific Coal & Oil	10	48⅞	Sale	64⅛	Sale	65½	Sale	63⅝ May 9	65⅞ May 22	47⅝ Jan 2	65⅞ May 22
29,500	206,300	Texas Pacific Land Trust Sub shares	1	17⅜	17¾	19½	Sale	21	Sale	19⅜ May 1	23½ May 6	17½ Jan 3	25¼ Feb 13
79,000	496,400	Texas Utilities Co	*	51½	Sale	54	Sale	54	Sale	53¼ May 10	55⅞ May 21	50½ Jan 24	55⅞ May 31
195,400	816,000	Textron Inc common	50c	30	Sale	34¾	Sale	36⅞	Sale	33¾ May 8	37½ May 20	29½ Mar 21	37½ May 20
11,700	33,500	$1.25 conv preferred	*	32	Sale	37	Sale	40	Sale	36½ May 8	40¼ May 22	32 Jan 2	40¼ May 22
115,400	330,600	Thatcher Glass Mfg	5	25⅝	Sale	34⅞	Sale	29⅝	Sale	28½ May 21	35¼ May 3	25⅝ Jan 2	35¼ Apr 30
138,200	791,300	Thiokol Chemical Co	1	28⅛	Sale	26⅛	Sale	25	Sale	24⅝ May 23	27 May 13	24⅛ Mar 20	30⅞ May 31
16,400	54,200	Thomas & Betts Co	1	28½	Sale	29	Sale	30¾	Sale	26⅝ May 16	30⅞ May 31	26⅛ Mar 12	29¾ Apr 11
2,100	9,300	Thompson (John R)	7.50	11	11½	11½	12	11½	12¼	11⅜ May 22	12 May 23	11 Jan 11	14 Feb 18
78,500	265,900	Thompson-Ramo Wooldridge Common	5	52¾	Sale	57¼	Sale	58½	Sale	56 May 15	60⅛ May 8	50⅛ Mar 20	60⅛ May 8
3,600	4,780	4% preferred	100	88½	89½	91	92	93¼	Sale	91 May 2	93¼ May 27	89½ Jan 11	93¼ May 27
5,400	23,100	Thor Power Tool Co	*	29¼	29⅝	32	Sale	31⅝	Sale	31⅛ May 20	32 May 1	29½ Jan 4	33⅜ Feb 13
137,000	511,800	Tidewater Oil Co com	10	22⅛	Sale	23¼	Sale	24¼	Sale	23¼ May 1	24⅞ May 3	19⅝ Mar 4	24⅞ May 3
15,200	72,900	$1.20 preferred	25	25	Sale	25⅜	Sale	25½	Sale	25⅛ May 9	25⅝ May 6	24¾ Mar 13	25⅝ Mar 20
84,100	229,600	Timken Roller Bearing	*	53⅝	Sale	59⅛	Sale	67¾	Sale	59 May 1	67¾ May 31	53⅝ Jan 2	67¾ May 31
16,300	92,000	Tishman Realty & Const	1	18	Sale	17¼	Sale	18¼	Sale	17 May 2	19¼ May 14	16⅞ Apr 26	20 Jan 3
36,000	164,800	Toledo Edison Co (The)	5	26½	Sale	29	Sale	29½	Sale	28¾ May 1	29⅝ May 28	25¾ Mar 1	30⅜ May 29
6,200	46,800	Torrington Co	*	58⅛	58½	67¼	Sale	67¼	Sale	67⅛ May 24	69½ May 9	58¼ Jan 3	69½ May 9
39,000	176,300	Tractor Supply Co	1	20⅜	Sale	29¼	Sale	24⅝	Sale	24⅜ May 24	29¾ May 1	20¼ Jan 2	29¾ May 1
21,000	89,500	Trane Co (The)	2	68	Sale	75¼	Sale	75	Sale	70½ May 7	76 May 24	65½ Feb 8	76¾ Apr 24
100,000	469,300	Transamerica Corp com	2	45	Sale	52⅞	Sale	53	Sale	50⅞ May 20	54 May 3	44½ Jan 3	54 May 3
5,900	46,900	4½% conv preferred	100	136	Sale	155½	Sale	156	Sale	151½ May 20	159½ May 3	133½ Feb 4	159½ May 3
82,700	460,800	Transitron Electronic Corp	1	6⅞	Sale	6	Sale	6	Sale	5⅝ May 6	6¼ May 10	5½ Mar 26	7¾ Jan 24
57,000	232,700	Transwestern Pipeline Co	1	9⅞	Sale	10⅛	Sale	10⅜	Sale	10 May 1	11¼ May 8	9⅜ Mar 1	12⅜ Apr 3
159,600	501,100	Trans World Airlines Inc	5	10½	Sale	15	Sale	17⅞	Sale	15 May 1	18⅜ May 24	10¼ Jan 31	18⅜ May 24
44,000	255,000	Trans-World Financial Co	1	17⅝	Sale	19	Sale	17¾	Sale	16¾ May 24	19⅜ May 2	16½ Feb 25	22½ Apr 15
42,500	255,200	Tri-Continental Corp com	1	42¾	Sale	46½	Sale	47½	Sale	46⅛ May 29	47⅞ May 10	42⅜ Mar 4	48 Apr 8
3,500	3,500	$2.50 preferred	50	--	--	--	--	55½	Sale	55 May 6	55¾ May 13	55 May 6	55¾ May 13
236,300	427,500	Tung-Sol Electric Co com	1	14¾	Sale	21	Sale	24¼	Sale	20⅞ May 1	28⅜ May 15	14¾ Jan 2	28⅜ May 15
3,300	15,000	5% pfd series of 1957	50	45¼	46½	45⅞	Sale	47⅝	48⅝	45⅞ May 1	49 May 8	45¼ Apr 30	49 May 8
317,500	830,000	20th Century-Fox Film	1	20¼	Sale	30¼	Sale	36⅜	Sale	30⅛ May 2	36⅜ May 31	20 Jan 2	35¼ May 28
5,200	48,700	Twin Industries Corp	1	10	Sale	8½	Sale	7⅞	Sale	7¾ May 28	8¾ May 2	7¾ May 28	11 Jan 22
31,000	345,600	Udylite Corp (The)	1	17⅛	Sale	21½	Sale	20¾	Sale	20 May 8	22¼ May 3	17⅛ Jan 2	23½ Apr 18
38,100	130,800	Unarco Industries	5	--	--	10½	Sale	10¾	Sale	10¼ May 21	12 May 2	8⅛ Jan 3	12 May 2
89,300	406,400	Underwood Corp	*	17¼	Sale	13⅞	Sale	14½	Sale	13⅜ May 20	15⅜ May 10	13 Apr 26	21⅝ Jan 14
120,500	382,300	Unilever Ltd Am dep rcts ord		22⅛	Sale	23⅞	Sale	25¼	Sale	23⅞ May 1	25½ May 10	21½ Jan 29	25½ May 10
73,300	363,200	Unilever N V ord shs	20g	38⅜	Sale	46⅛	Sale	48¾	Sale	45 May 8	49 May 31	38 Jan 2	49 May 31
89,100	342,900	Union Bag-Camp Paper	6⅔	34⅝	Sale	38⅜	Sale	41	Sale	37¼ May 7	41½ May 24	34⅝ Jan 2	41½ May 24
188,400	665,500	Union Carbide Corp	*	101¼	Sale	110¼	Sale	111½	Sale	109⅛ May 6	112½ May 16	100¾ Jan 2	112¾ Feb 4
18,300	211,800	Union Electric Co com	10	48¼	Sale	55¾	Sale	--	--	50⅞ May 9	56¾ May 3	48⅛ Jan 3	56¾ May 3
‡105,300	112,100	New common	5	--	--	28	Sale	27⅜	Sale	27⅜ May 24	28½ May 10	‡26⅞ Apr 22	28½ May 10
1,000	6,840	$4.50 preferred	*	100	Sale	101½	102½	102	Sale	100¾ May 13	102¾ May 17	100 Jan 2	102¾ May 17
80	100	$3.70 preferred	*	82½	83½	81	85	83½	85	82½ May 23	83½ May 27	82½ May 23	83½ Jan 7
660	3,780	$3.50 preferred	*	77½	78½	80	Sale	78⅞	Sale	78¾ May 28	81 May 7	75⅝ Jan 25	82 Mar 14
500	1,770	$4.00 preferred	*	91½	93	91½	93	91½	93	92 May 13	93 May 21	92 Jan 7	95 Jan 14
98,000	425,800	Union Oil of California	25	63⅛	Sale	66⅞	Sale	70¾	Sale	66¾ May 1	71½ May 23	59⅜ Jan 25	71½ May 23
201,900	823,700	Union Pacific RR com	10	33¼	Sale	39⅜	Sale	41⅜	Sale	38⅝ May 8	42 May 21	33¼ Jan 2	42 May 21
58,700	223,500	4% preferred	10	8¾	Sale	9	Sale	9	Sale	8⅞ May 8	9¼ May 14	8¾ Jan 2	9⅜ Feb 25
65,800	448,700	Union Tank Car Co	*	27¼	Sale	32⅜	Sale	34¼	Sale	31¼ May 7	34¼ May 31	26⅝ Jan 2	34¼ May 31
22,100	55,800	Union Twist Drill Co	5	23⅝	Sale	26	Sale	30¼	Sale	25¾ May 1	30½ May 31	23½ Jan 2	30½ May 31
145,500	628,000	United Air Lines Inc	10	32¼	Sale	39¾	Sale	41⅛	Sale	38⅜ May 14	42⅝ May 24	31¼ Jan 3	42⅝ May 24
83,400	430,800	United Aircraft common	5	51⅜	Sale	49¾	Sale	46⅞	Sale	46⅜ May 31	50⅞ May 1	46⅜ May 31	53⅞ Jan 8
100	1,600	4% cv pfd (1955 ser)	100	107½	Sale	105	110¼	102	105½	105½ May 21	105½ May 21	105 Feb 14	112 Jan 18
2,800	12,900	4% cv pfd (1956 ser)	100	102½	Sale	98	Sale	96¼	Sale	95¼ May 23	98 May 1	95¼ May 23	102½ Jan 2
58,200	188,000	United Artists Corp	1	28	Sale	27⅝	Sale	28¾	Sale	27½ May 1	29¼ May 27	27¼ Apr 25	32 Feb 21
64,800	239,400	United Biscuit Co of Amer	*	39¾	40¼	31¼	Sale	33⅞	Sale	30¼ May 1	34⅜ May 22	30¼ May 1	40¾ Jan 10
1,800	†123,000	United Board & Carton	*	--	--	19¾	20¼	19	19½	18¾ May 24	20 May 3	18½ Mar 27	31 Jan 10
3,600	†180,100	United Carbon "ex dist"	*	--	--	7⅛	Sale	--	--	7⅛ May 1	7⅛ May 1	7 Mar 5	7¼ Mar 4
14,000	109,700	United-Carr Fastener	2.50	30	30½	35¾	Sale	35¼	Sale	34⅜ May 10	36⅛ May 16	29 Jan 28	36½ Apr 25
89,200	555,000	United Corp (Del)	1	8⅛	Sale	8¼	Sale	8⅛	Sale	8 May 7	8⅜ May 1	8 Jan 2	8¾ Feb 8
2,200	18,200	United Electric Coal Cos	5	54¼	Sale	52	Sale	50¾	Sale	50 May 22	52 May 1	50 May 22	59 Jan 21
21,900	106,400	United Eng & Foundry	5	18	Sale	19⅞	Sale	19¼	Sale	19 May 23	20 May 1	18 Jan 2	20 Jan 30
67,300	547,100	United Financial Corp	1	21⅝	Sale	25⅝	Sale	23⅞	Sale	22⅜ May 24	25¾ May 16	20½ Mar 19	27⅞ Apr 15
254,900	783,800	United Fruit Co	*	21⅞	Sale	26⅛	Sale	29½	Sale	26 May 1	30⅛ May 22	21⅞ Jan 2	30⅛ Apr 22
101,000	563,800	United Gas Corp	10	36¾	Sale	38⅝	Sale	39½	Sale	37⅝ May 24	39¾ May 3	35⅛ Mar 14	39¾ May 3
21,000	97,800	United Gas Improvemt	4.50	21¼	Sale	26¾	Sale	26¼	26¾	25 May 13	27⅝ May 23	21¼ Jan 2	27⅝ May 23
22,200	112,500	United Greenfield Corp	10	19	Sale	22⅜	Sale	22½	Sale	21½ May 7	23¾ May 16	19 Jan 2	23¾ May 16
91,300	380,300	United Merch & Mfgs	1	17¾	Sale	17⅞	Sale	19	Sale	17⅝ May 1	19 May 27	17⅝ Jan 2	19⅞ Jan 30
25,300	213,500	United Park City Mines	1	1⅛	Sale	1¼	Sale	1⅜	Sale	1⅛ May 3	1⅜ May 1	1⅛ Jan 2	1½ Apr 5
35,900	186,500	United Shoe Machinery	25	47¼	Sale	52⅞	Sale	51	Sale	50 May 24	52⅞ May 1	47¼ Jan 2	55⅝ Feb 21
3,270	8,260	6% preferred	25	33½	34	35	Sale	34⅝	35¼	34½ May 22	35⅜ May 3	34 Jan 7	36 Mar 18
66,400	198,300	U S Borax & Chem com	1	24¾	Sale	27	Sale	30¼	Sale	26¾ May 2	32¼ May 23	24¾ Jan 2	32¼ May 23
130	1,350	4½% preferred	100	98¼	99	99⅝	100¼	98¾	100	99¼ May 13	99⅝ May 3	98¼ Jan 4	99½ Feb 5
16,200	71,500	U S & Foreign Securities	1	26⅜	Sale	30⅜	Sale	31¼	Sale	30⅜ May 1	31¾ May 23	26 Jan 3	31¾ May 23
50,900	255,700	U S Freight Co	*	39	Sale	44⅝	Sale	45½	Sale	44 May 17	46⅜ May 23	36¼ Feb 11	46⅜ May 23
51,500	312,100	U S Gypsum common	4	73¾	Sale	81½	Sale	84¾	Sale	80½ May 6	84¾ May 31	73 Jan 2	84¾ May 31
250	1,340	7% preferred	100	160½	162	168½	170	170⅛	Sale	168¼ May 10	171 May 31	161½ Jan 4	171 Apr 3
99,800	670,800	U S Industries Inc com	1	13½	Sale	10¼	Sale	10⅜	Sale	10 May 10	10¾ May 15	10 Apr 25	15¾ Jan 29
1,300	3,400	4½% pfd series A	50	45½	48	49½	49⅞	47¾	50½	49¾ May 20	50¼ May 9	45½ Feb 19	50¼ May 9
21,800	103,400	U S Lines common	1	39¾	40	42⅞	Sale	46	Sale	42⅞ May 1	46 May 31	39⅝ Jan 4	46 May 31
1,600	3,700	4½% preferred	10	8½	8¾	9⅞	Sale	9½	10¼	9¾ May 9	10 May 1	8⅝ Jan 3	10 May 1
97,800	388,900	U S Pipe & Foundry Co	5	15⅛	Sale	18⅞	Sale	18½	Sale	17¾ May 6	19½ May 22	15⅛ Jan 2	19½ Apr 22
14,600	69,600	U S Playing Card	5	25	Sale	26¼	Sale	26⅛	Sale	25 May 6	26¼ May 1	24¾ Jan 4	27⅝ Feb 4
41,400	253,100	U S Plywood Corp com	1	44⅜	Sale	56⅝	Sale	58	Sale	56 May 22	58⅜ May 14	42¾ Jan 3	58⅜ May 14
160	800	3¾% pfd series A	100	82½	Sale	85½	87	85½	Sale	85½ May 23	85⅝ May 23	81½ Jan 4	85⅝ May 23
100,000	495,200	U S Rubber Co common	5	40¾	Sale	46⅞	Sale	47¼	Sale	45⅞ May 8	49½ May 20	40¼ Jan 2	49½ May 20
4,510	25,980	8% non-cum 1st pfd	100	161¾	Sale	167¼	Sale	166½	Sale	166⅛ May 28	170 May 9	161¾ Jan 2	170 May 9
9,900	34,200	U S Shoe Corp	*	29¼	Sale	29½	Sale	27½	Sale	26⅞ May 28	29½ May 1	26⅞ May 28	32½ Jan 30
650,100	3,777,300	U S Smelting Ref & Mng	50	48⅞	Sale	60¼	Sale	68¼	Sale	60¼ May 1	71⅜ May 28	48⅛ Jan 2	88⅜ Feb 19
55,700	329,200	7% preferred	50	58½	Sale	64	Sale	65	Sale	63½ May 2	66⅞ May 21	56 Jan 10	71½ Feb 20
973,300	4,669,500	U S Steel Corp com	16⅔	44⅛	Sale	49⅝	Sale	51⅞	Sale	48 May 7	52⅜ May 31	43½ Jan 2	54 Apr 16
15,400	74,500	7% preferred	100	150	Sale	155¼	Sale	155¼	Sale	153½ May 7	156 May 1	150 Jan 2	157⅜ Mar 28
23,400	109,500	U S Tobacco Co common	*	26⅞	Sale	29⅝	Sale	29¾	Sale	29⅝ May 1	31⅝ May 14	26⅜ Jan 2	31⅝ May 14
220	3,370	7% non-cum preferred	25	38½	39	39⅝	40½	39½	41	40 May 3	40 May 3	38½ Jan 4	40 Mar 13
46,400	160,900	U S Vitamin & Pharmactl	1	23⅝	Sale	27⅜	Sale	27	Sale	26¼ May 6	28½ May 1	23⅛ Feb 25	28½ May 1
56,500	153,100	United Utilities	5	--	--	39½	Sale	38	Sale	37⅝ May 17	41¾ May 7	35¾ Apr 18	41¾ May 7
34,600	76,800	United Whelan Corp	30c	6⅜	Sale	6¼	Sale	6⅝	Sale	6 May 6	7¼ May 21	6 May 6	8½ Jan 25
36,400	294,000	Universal American Corp	25c	7¾	Sale	7⅝	Sale	8¼	Sale	7½ May 3	8¼ May 31	7¼ Feb 4	9⅛ Feb 14
1,600	12,200	Conv preferred	5	39	39¾	40¼	Sale	40¼	40½	40 May 1	40⅜ May 6	38½ Jan 28	40⅜ May 6
29,000	232,800	Universal Cyclops Steel	1	24¾	Sale	30	Sale	31¼	Sale	29⅝ May 20	31¾ May 23	24¾ Jan 2	33⅞ Apr 15
17,400	77,100	Universal Leaf Tob com	*	37	Sale	37¾	Sale	36½	Sale	35¼ May 27	38¼ May 7	34¾ Mar 1	39 Jan 8
230	2,060	8% preferred	100	160¼	162	163¼	164	164½	Sale	163½ May 6	165 May 24	160¼ Jan 3	165 Mar 4
325,800	973,000	Universal Match Corp	2.50	13⅞	Sale	14½	Sale	16⅝	Sale	14½ May 1	17⅜ May 22	13¼ Apr 4	17⅜ May 22
160,300	1,134,800	Universal Oil Products Co	1	39⅛	Sale	33¼	Sale	34¼	Sale	33¼ May 1	36⅛ May 13	28⅜ Apr 3	42¾ Jan 8
97,500	469,400	Upjohn Co	1	32¾	Sale	39¼	Sale	40⅛	Sale	39¼ May 1	42½ May 14	32¾ Jan 2	42½ May 14
56,700	107,600	Uris Building Corp	10c	--	--	17¾	Sale	22⅜	Sale	17½ May 3	22⅜ May 31	16¾ Mar 20	22⅜ May 31
41,400	208,000	Utah Power & Light	12.80	38¼	Sale	40½	Sale	39¾	Sale	38⅜ May 27	40⅞ May 3	37⅜ Jan 10	41¾ Apr 4
8,600	60,000	Vanadium-Alloys Steel Co	5	28	28⅝	36⅛	Sale	35	Sale	33⅞ May 10	36⅜ May 3	28⅜ Jan 3	36⅞ Apr 16
31,200	158,000	Vanadium Corp of Amer	1	13⅓	Sale	13	Sale	14⅜	Sale	12⅞ May 1	14½ May 29	12½ Mar 20	15¼ Feb 14
6,100	47,100	Van Raalte Co	10	28	Sale	29⅞	Sale	29¾	Sale	28½ May 16	29⅞ May 1	26⅜ Mar 1	29⅞ Apr 26
192,200	664,300	Varian Associates	1	33½	Sale	26⅞	Sale	23⅞	Sale	21 May 24	27½ May 2	21 May 24	37⅛ Jan 14
86,700	475,600	Vendo Co	1.25	26½	Sale	25⅛	Sale	26¼	Sale	25 May 1	28¾ May 15	24¼ Apr 25	32½ Jan 23
59,000	169,300	Victor Comptometer	1	9	Sale	9¾	Sale	9¼	Sale	9⅛ May 29	9⅞ May 2	8⅞ Jan 2	11¾ Feb 12
74,000	229,100	Va-Car Chem Corp com	1	40	Sale	49⅜	Sale	55⅛	Sale	48½ May 2	56½ May 24	39½ Jan 22	56½ May 24
12,900	62,600	5% prior preferred	50	40½	Sale	47	Sale	47½	Sale	46¼ May 7	47½ May 21	40⅛ Jan 4	47½ Mar 7
15,100	44,700	5% conv preferred	50	53	Sale	58½	Sale	61	62½	57½ May 3	63½ May 24	53 Jan 2	63½ May 24

For footnotes, see page 29.

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Aggregate Sales in May Shares	Sales Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY — May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
61,400	790,900	Virginia Elec & Pwr com	8	60⅝	Sale	65¼	Sale	--	--	65⅛ May 1	70 May 13	60 Jan 2	70 May 13
‡35,400	39,200	New common	*	--	--	44	Sale	45⅝	Sale	43⅞ May 1	47¼ May 13	‡43¼ Apr 18	47 May 13
1,010	6,415	$5 preferred	100	110	Sale	110	111½	111⅝	Sale	110 May 7	112¼ May 31	108½ Feb 27	113 Jan 10
20	570	$4.04 preferred	100	90	91	90½	92½	91¾	92½	91 May 15	91¼ May 28	91 Jan 14	93 Feb 11
740	1,670	$4.20 preferred	100	94	95	96½	Sale	98½	99½	96 May 2	99½ May 20	95½ Apr 18	99½ May 20
210	1,410	$4.12 preferred	100	92¼	93	95½	96½	96⅜	98	96½ May 2	96½ May 2	93 Jan 3	96½ May 2
300	4,040	$4.80 preferred	100	104¼	105	105⅝	106½	106	106½	105⅝ May 2	106¼ May 29	104½ Jan 7	106½ Apr 5
34,000	94,600	Von's Grocery Co	1	22	Sale	25⅞	Sale	26¾	Sale	25¾ May 3	28⅜ May 14	21 Jan 16	28⅜ May 14
186,100	399,700	Vornado Inc	10c	19	Sale	23⅛	Sale	27⅝	Sale	22⅛ May 7	29¼ May 28	18½ Mar 22	29¼ May 28
39,700	420,600	Vulcan Materials Co com	1	10¼	Sale	14	Sale	13¼	Sale	13⅛ May 7	14 May 1	10¼ Jan 2	14¼ Apr 24
280	1,520	6¼% preferred	100	104¼	105	105¼	Sale	104	105	105¼ May 1	106 May 21	104 Jan 4	107½ Feb 7
1,250	3,560	Wabash RR 4½% pfd	100	85	Sale	83	Sale	81⅞	Sale	81 May 14	83¼ May 1	81 Mar 27	87 Jan 10
24,600	142,100	Wagner Electric Corp	15	20	Sale	24	Sale	23⅝	Sale	23½ May 29	25⅜ May 13	19⅝ Jan 2	25⅜ May 13
11,300	47,700	Waldorf System	*	6⅞	7⅛	8	Sale	9	Sale	7⅞ May 7	9⅛ May 24	6¾ Mar 6	9⅛ May 24
18,400	60,200	Walgreen Co	10	46½	Sale	44	Sale	43	Sale	42¼ May 28	44⅜ May 1	42¼ May 28	49½ Feb 20
18,500	106,900	Walker (Hiram) G & W	*	54⅛	Sale	54¼	Sale	55½	Sale	53⅜ May 2	55½ May 13	51 Mar 1	55½ Jan 25
34,400	114,400	Wallace & Tiernan Inc	50c	26½	27	25⅝	Sale	26⅞	Sale	25½ May 8	27½ May 16	24¼ Mar 4	27¾ Jan 7
31,200	269,900	Walworth Co	2.50	7	Sale	7⅞	Sale	7½	Sale	7½ May 3	8⅛ May 22	6¾ Jan 2	8¾ Feb 11
46,700	69,300	Ward Baking Co common	1	7¼	7½	6⅞	Sale	8¼	Sale	6¼ May 3	9 May 24	6¼ May 3	9 May 24
2,620	7,500	5½% preferred	100	66	Sale	62	Sale	68½	Sale	61⅛ May 3	69½ May 27	60 Apr 23	72⅜ Feb 1
78,300	235,700	Ward Industries Corp	1	4	Sale	5½	Sale	5⅜	Sale	4⅞ May 13	6⅛ May 3	3⅞ Jan 2	6⅜ Mar 8
32,000	73,200	Warner Bros Co	*	--	--	21¾	Sale	23⅝	Sale	20¾ May 7	24 May 23	17½ Feb 20	24 May 23
109,600	367,000	Warner Bros Pictures	1.25	14	Sale	13⅝	Sale	15⅛	Sale	13⅛ May 2	15⅝ May 24	12⅞ Mar 20	15¾ Feb 4
23,700	54,100	Warner Co	10	29½	Sale	27½	Sale	26	Sale	25½ May 23	28 May 3	25 Mar 11	29½ Jan 2
181,500	852,360	Warner Lambert Pharmaceutical com	1	24⅛	Sale	27½	Sale	28⅛	Sale	26⅞ May 8	29 May 20	23¼ Jan 2	29¼ Apr 8
4,400	42,800	$4 conv preferred	100	104¾	Sale	109	110	106½	Sale	106½ May 31	110 May 14	103 Feb 14	110 May 14
15,800	62,600	Warren (S D) Co	*	33	Sale	36⅜	Sale	37¾	Sale	35¾ May 1	38½ May 3	32 Jan 3	38½ May 3
19,500	74,800	Washington Gas Light	*	36⅛	Sale	36	Sale	40	Sale	36 May 1	40⅞ May 28	33⅜ Mar 4	40⅞ May 28
19,600	104,800	Washington Water Power	*	47½	Sale	48½	Sale	48⅞	Sale	48½ May 1	49⅝ May 14	47¼ Jan 2	51 Feb 1
8,100	17,400	Waukesha Motor Co	5	31¾	Sale	36¾	Sale	37½	38	36¾ May 1	40⅜ May 22	31¾ Jan 2	40⅜ May 22
4,500	19,700	Wayne Knitting Mills	5	30½	Sale	32¼	Sale	33¾	Sale	32 May 2	33⅞ May 27	30⅛ Feb 5	33⅞ May 27
54,300	123,700	Welbilt Corp	1	3	Sale	3¼	Sale	3½	Sale	3⅛ May 2	3½ May 8	2⅞ Apr 2	3½ May 8
21,400	78,400	Welch Scientific Co	1	--	--	17⅞	Sale	15¾	Sale	15½ May 31	17⅞ May 1	14⅜ Apr 2	21⅞ Jan 23
12,300	41,400	West Kentucky Coal Co	4	9⅛	9½	10	Sale	10⅝	11	10 May 1	12¼ May 20	9 Mar 11	12⅜ Jan 23
47,000	179,000	Wesco Financial Corp	1	--	--	48	Sale	46⅝	Sale	44¼ May 10	48 May 1	39¼ Feb 28	53¾ Apr 15
1,860	5,790	West Penn Pwr 4½% pfd	100	102½	Sale	101⅛	Sale	102¼	Sale	100¼ May 10	103 May 23	100 Apr 11	106½ Feb 15
130	790	4.20% pfd series B	100	95	96	95⅛	96½	96¾	Sale	95⅛ May 6	97 May 24	94½ Jan 14	98 Mar 12
450	740	4.10% pfd series C	100	91	92½	94	Sale	93½	95	93¼ May 10	94½ May 17	91½ Jan 14	94½ May 17
62,200	270,300	West Va Pulp & Paper	5	31	Sale	35⅜	Sale	35⅛	Sale	35⅛ May 28	38⅜ May 20	30½ Jan 2	38⅜ May 20
930	3,590	4½% prefrred	100	100	101	102	103	102¾	Sale	101 May 14	102¾ May 2	100½ Jan 4	103 Mar 4
123,700	538,600	Western Air Lines Inc	1	31¾	Sale	46⅜	Sale	53	Sale	43½ May 6	53 May 31	28 Jan 8	53 May 31
67,300	394,100	Western Bancorporation	2	33⅜	Sale	38½	Sale	38⅝	Sale	37½ May 6	39¾ May 14	31⅝ Jan 17	40 Apr 11
45,300	129,300	Western Maryland com	*	19	Sale	20	Sale	21¼	Sale	19½ May 3	21¾ May 29	18⅞ Jan 2	22⅜ Jan 14
17,100	20,200	4% non-cum 2nd pfd	40	28	Sale	29¼	30	32	Sale	29 May 10	32 May 29	28 Jan 2	32 May 29
24,700	133,100	Western Pacific RR	*	29¼	Sale	35¾	Sale	38⅝	Sale	34⅜ May 13	38⅞ May 31	29 Jan 2	38⅞ May 31
212,200	1,310,000	Western Union Teleg	2.50	26⅝	Sale	30⅝	Sale	30⅜	Sale	29⅝ May 8	31⅞ May 21	26¼ Jan 2	33 Apr 9
77,400	306,700	Westinghouse Air Brake	10	25¼	Sale	30¾	Sale	30⅞	Sale	30 May 23	32 May 16	25 Jan 2	32 May 16
391,600	1,937,000	Westinghouse Elec com	6.25	32	Sale	35⅞	Sale	36⅜	Sale	35 May 7	37⅜ May 13	31⅞ Jan 2	37½ Apr 24
3,200	13,900	3.80% preferred ser B	100	88	88¼	86¾	88	87⅝	88¼	87 May 14	88 May 2	86¾ Apr 19	90¼ Jan 30
20	70	Wheeling & Lake Erie	100	109½	114	113	115	115⅛	120	115 May 10	115 May 10	110 Feb 15	115 May 10
33,300	195,700	Wheeling Steel common	10	27¼	Sale	31¾	Sale	32¼	Sale	31 May 7	33⅛ May 14	27 Jan 2	35 Apr 15
2,070	11,000	$5 preferred	*	92	92½	97¾	Sale	99½	101	97½ May 1	101½ May 27	92 Jan 3	101½ May 27
101,000	431,600	Whirlpool Corp common	5	35¾	Sale	47⅝	Sale	51	Sale	47 May 6	51⅛ May 31	35½ Jan 7	51⅛ May 31
8,900	16,300	4¼% conv preferred	80	77	78	80	Sale	82½	Sale	79¼ May 2	82½ May 31	77 Jan 4	82½ May 31
9,600	33,300	White Dental Mfg (S S)	20	34	Sale	40⅝	Sale	44¾	Sale	40 May 17	44¾ May 31	33⅞ Jan 4	44¾ May 31
186,300	460,500	White Motor Co common	1	41⅛	Sale	58½	Sale	65⅞	Sale	57¼ May 7	65⅞ May 31	41⅛ Jan 2	65⅞ May 29
490	1,570	5¼% preferred	100	101	102½	104½	Sale	104	105½	103¾ May 21	105½ May 2	101¾ Mar 15	105½ Apr 16
21,100	110,400	White Sewing Machine	1	6¾	Sale	8¾	Sale	8¾	9	8½ May 8	9⅝ May 17	6¾ Jan 2	10⅜ Feb 27
500	4,900	Prior preference	20	21½	Sale	24	25	25½	26⅛	25 May 8	25¾ May 15	21½ Jan 2	25 May 8
1,200	5,900	$3 conv preferred	50	39	Sale	42	Sale	45	46	42 May 1	45 May 24	39 Jan 2	45 May 24
10,500	71,100	White Stores Inc	1	18¼	Sale	15⅝	Sale	15	Sale	15 May 16	15⅞ May 1	14 Mar 29	19⅜ Jan 15
8,400	48,300	Wickes Corp	5	36	Sale	36½	Sale	36⅞	Sale	35 May 23	37½ May 9	34¼ Mar 25	39¾ Apr 15
129,600	238,400	Wilcox Oil Co	5	26½	Sale	26¾	Sale	31¾	Sale	25¾ May 17	33⅝ May 24	25⅜ Mar 6	33⅝ May 24
42,300	175,800	Wilson & Co common	*	38¼	Sale	41¼	Sale	42	Sale	40 May 17	42¼ May 29	38 Jan 2	43⅞ Jan 25
800	10,900	$4.25 preferred	*	87	Sale	91½	92½	91½	92½	91⅛ May 2	92 May 3	87 Jan 2	93⅛ Feb 12
9,700	64,900	Windsor Industries Inc	10c	6½	Sale	9⅛	Sale	9⅛	Sale	9 May 24	9⅜ May 29	6½ Jan 2	9¾ Mar 28
43,800	306,800	Winn-Dixie Stores Inc	1	27½	Sale	30⅞	Sale	30¾	Sale	30⅛ May 24	31⅜ May 9	26⅞ Mar 1	31⅞ Apr 22
7,100	75,800	Wisconsin Elec Pwr com	10	56⅞	Sale	59¼	Sale	--	--	57⅝ May 6	61¼ May 16	56 Mar 6	62¼ Jan 31
15,600	16,000	New common	10	--	--	29½	30	30⅛	Sale	29⅛ May 7	32¼ May 17	‡29⅛ May 7	32¼ May 17
60	890	6% preferred	100	129	130	135	137	134	136	133 May 15	136½ May 3	130 Jan 7	136½ Apr 8
‡15,600	16,000	Wisconsin Pub Serv Corp	10	44¼	Sale	44½	Sale	45½	Sale	44½ May 1	47 May 13	42⅝ Jan 30	47 May 13
38,700	164,100	Witco Chemical Co Inc	5	28	Sale	34⅞	Sale	36¾	Sale	34 May 6	37 May 31	28 Jan 2	37 May 31
15,400	71,000	Woodward Iron Co	10	24⅞	Sale	26⅝	Sale	26½	Sale	26⅛ May 22	27 May 6	24½ Jan 3	27⅛ Feb 15
64,400	515,600	Woolworth (F W) Co	10	64	Sale	73⅝	Sale	74½	Sale	73 May 27	75⅜ May 21	62⅞ Feb 5	75¾ Apr 15
71,700	328,800	Worthington Corp com	10	26⅜	Sale	32⅞	Sale	35⅛	Sale	32⅜ May 2	36 May 16	26¼ Jan 2	36 May 16
550	3,290	4½% prior preferred	100	84¾	86	88¼	Sale	89½	90¼	88 May 2	91¾ May 16	85 Jan 7	91¾ May 16
10,800	30,100	Wrigley (Wm) Jr	*	104½	Sale	102	Sale	98	Sale	97¼ May 22	102¼ May 16	97¼ May 22	107 Jan 25
17,200	83,600	Wyandotte Worsted Co	5	9⅞	10⅛	10⅝	Sale	10⅜	Sale	10 May 8	10⅞ May 2	9⅞ Jan 7	12 Mar 29
214,800	1,125,800	Xerox Corp	1.25	157¾	Sale	178¼	Sale	212⅞	Sale	175⅛ May 7	213 May 31	146¼ Jan 24	213 May 31
65,100	310,000	Yale & Towne Mfg Co	10	23	Sale	30¾	Sale	30⅞	Sale	30 May 9	31¼ May 20	23 Jan 2	31¼ May 20
7,200	21,400	Young (L A) Spg & Wire	5	25¼	Sale	31¼	Sale	31½	Sale	31 May 2	34½ May 21	25¼ Jan 2	34½ May 21
105,200	418,300	Youngstown Sheet & Tube	*	85¼	Sale	99¾	Sale	105⅛	Sale	98¼ May 6	106⅞ May 31	84¾ Jan 2	106⅞ May 31
40,600	159,600	Youngstown Steel Door	*	18⅝	Sale	23½	Sale	25⅜	Sale	22½ May 6	25¾ May 16	18⅝ Jan 2	25¾ May 16
211,800	1,036,000	Zenith Radio Corp	1	55⅛	Sale	57½	Sale	59	Sale	54⅝ May 27	59 May 31	51 Mar 6	59½ Jan 22

*No par value. †Corrected volume. ¶Companies in receivership. §Transferred from ASE to NYSE in 1963. High and low is combination of both Exchanges. Volume shown is Big Board trading only. a Deferred delivery sale. r Cash sale. wd When distributed. wi When issued. x Ex-dividend. y Ex-rights.

‡The volume of trading and range of sale prices published here, is simply the trading and range for the new shares since this issue was either split, or since new stock was issued in connection with a stock dividend. The range and volume for the old shares can be found in the back issues of the BANK AND QUOTATION RECORD, in the month when the issue was removed from trading.

1963 STOCK DIVIDENDS AND/OR SPLITS-UPS

Name of Issue	Basis of Split or Stock Dividend	Date When Admitted to Trading
Amerada Petroleum Corp.	Two-for-one	May 7 wi
American Enka Corp.	Two-for-one	Mar 19 wi
American Sugar Co. Formerly Amer Sugar Refining	Two-for-one	Apr 22 wi
Beatrice Foods Co.	Four-for-three	Feb 25 wi
Buckeye Pipe Line Co.	Two-for-one	May 2 wi
Chrysler Corporation	Two-for-one	Apr 17 wi
Cincinnati Gas & Electric	Two-for-one	Apr 25 wi
Cleveland Electric Illuminating	Two-for-one	May 20 wi
Delta Air Lines, Inc.	50% in stock	Feb 5 wi
Financial Federation	Five-for-four	Mar 12 wi
Gardner-Denver Co.	Three-for-two	Jan 18 wi
General Steel Industries	100% in stock	Feb 5 wi
Hart Schaffner & Marx	25% in stock	Jan 29 wi
Hayes Industries, Inc.	50% in stock	Mar 12 wi
Houston Lighting & Power	Three-for-one	Apr 26 wi
Inspiration Consolidated Copper	Two-for-one	Apr 23 wi
International Mining Corp.	Three-for-one	Jan 25 wi
International Utilities	Two-for-one	May 10 wi
Iowa Electric Light & Power	Two-for-one	May 15 wi
Kansas City Power & Light	Two-for-one	Dec 31 1962 wi
Long Island Lighting Co.	Two-for-one	Apr 17 wi
Magna Copper Co.	Three-for-one	May 14 wi
Nevada Power Co.	Three-for-two	Apr 5 wi
Oklahoma Gas & Electric	Two-for-one	Mar 7 wi
Orange & Rockland Utilities	Two-for-one	May 28 wi
Pendleton Tool Industries	Three-for-two	Apr 24 wi
Potomac Electric Power Co.	Two-for-one	Apr 17 wi
Raybestos-Manhattan, Inc.	Two-for-one	Apr 3 wi
Red Owl Stores, Inc.	Two-for-one	Jan 22 wi
Sealright-Oswego Falls	50% in stock	Jan 28 wi
Seagrave Corporation	Two-for-one	May 29 wi
Singer Company	Two-for-one	Feb 18 wi
Sterling Drug, Inc.	Three-for-one	May 14 wi
Sunshine Biscuits, Inc.	Two-for-one	Apr 16 wi
Union Electric Co.	Two-for-one	Apr 22 wi
Virginia Electric & Power	Three-for-two	Apr 18 wi
Wisconsin Electric Power Co.	Two-for-one	Apr 22 wi

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American Stock Exchange

Monthly and Yearly Record

RANGE OF STOCK AND BOND PRICES FOR MAY

Stock Sales—	1963	1962	Bond Sales—	1963	1962
May (Shares)	27,933,745	34,005,011	May	$9,093,000	$9,155,000
Jan. 1 to May 31 (Shares)	119,393,712	145,453,714	Jan. 1 to May 31	34,457,000	32,201,000

NOTICE—Cash and deferred delivery sales are disregarded in the month's range unless they are the only transactions of the month, and when selling outside of the regular monthly range are shown in a footnote in the month in which they occur. No account is taken of such sales in computing the range for the year.

Aggregate Sales in May Shares	Since Jan. 1 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
9,300	33,400	Aberdeen Petroleum cl A	1	2¼	2⅜	2¼	Sale	2⅜	Sale	2⅛ May 28	2⅜ May 31	2⅛ May 28	2¾ Mar 8
49,800	176,600	Acme Hamilton Mfg Corp	10c	1⅛	Sale	1⅛	Sale	1⅛	Sale	1 May 1	1¼ May 9	1/16 Jan 2	1⅝ Jan 10
5,000	40,300	Acme Missiles & Construction Corp cl A	25c	4	Sale	3¼	Sale	2⅝	Sale	2⅛ May 29	3¼ May 1	2⅛ May 29	4½ Jan 4
14,400	53,800	Acme Precision Products	1	3	Sale	3½	Sale	3	Sale	2⅞ May 29	3¾ May 3	2⅞ Jan 15	4¾ Mar 7
1,300	15,800	Acme Wire Co	10	9⅞	10½	9¼	9⅜	9⅛	9⅜	9 May 21	9⅜ May 10	9 May 21	11⅞ Jan 14
22,300	136,800	Admiral Plastics Corp	10c	7¼	Sale	6⅛	Sale	6	Sale	5⅛ May 17	6⅜ May 27	4⅞ Mar 18	7½ Jan 4
7,200	40,200	Aero Flow Dynamics Inc	1	2⅝	2⅞	2⅝	Sale	2⅝	2⅞	2½ May 1	2⅞ May 17	2⅜ Apr 9	3¼ Jan 17
29,600	192,800	Aerojet-General Corp	1	46¼	Sale	62	Sale	58¾	Sale	55¾ May 28	62 May 1	45½ Jan 16	65⅜ Apr 15
11,900	49,600	Aeronca Mfg Corp	1	3⅜	Sale	3⅛	Sale	3⅛	Sale	3 May 6	3¼ May 10	3 May 6	4⅛ Jan 4
31,100	69,300	Aerosol Techniques Inc	10c	10¾	Sale	12¼	Sale	14½	Sale	12 May 8	14½ May 29	10¼ Jan 8	14½ May 29
2,800	54,000	Aid Invest & Discount Inc	1	4¼	4⅜	3⅞	Sale	3⅞	4	3¾ May 1	4 May 1	3¾ May 1	4½ Feb 18
16,000	26,500	Aileen Inc	1	--	--	22½	Sale	22	Sale	20½ May 8	23⅛ May 16	19⅜ Apr 23	23⅞ Apr 30
4,200	9,700	Airport Parking Corp of America Class A	*	17½	Sale	15	15⅜	13¼	13¾	13⅜ May 28	15¼ May 8	13⅜ May 28	17½ Jan 2
250	2,250	Ala Power Co 4.20% pfd	100	88½	90½	91	92	91	Sale	91 May 3	92½ May 9	89⅞ Jan 8	93½ Feb 26
12,600	75,900	Alan Wood Steel Co	10	12¾	Sale	16¼	Sale	18¼	Sale	16 May 3	19 May 29	12¼ Jan 3	19 May 29
300	2,441	5% cum preferred	100	62½	64½	78	79½	77½	78½	78½ May 28	80 May 3	62¼ Mar 15	80 May 3
11,500	54,700	Alaska Airlines Inc	1	3½	Sale	4	Sale	4¼	Sale	3⅞ May 1	4⅜ May 24	3¼ Jan 8	5½ Feb 14
90	370	Algemene Kunstzijde Unie— Amer dep rcts Amer shs		56	Sale	62	64	63	66	64 May 7	65 May 10	56 Jan 2	65 May 10
6,900	34,700	All Amer Engineer'g Co	10c	4½	Sale	4⅞	Sale	4⅞	Sale	4¾ May 10	5½ May 16	4½ Jan 2	5¾ Jan 14
68,300	285,200	All-State Properties Inc	1	2½	Sale	2⅛	Sale	2⅝	Sale	2 May 1	2⅝ May 17	2 Mar 11	3 Jan 14
32,800	345,500	Alleghany Corp warrants		7⅝	Sale	7½	Sale	7½	Sale	7⅛ May 6	7¾ May 14	6⅞ Apr 4	9⅝ Jan 11
42,700	203,000	Allegheny Airlines Inc	1	5½	Sale	6⅜	Sale	6	Sale	6 May 15	6⅝ May 9	5⅜ Jan 3	6⅝ May 9
1,600	6,400	Alliance Tire & Rub A	£1¼	7⅜	7¾	8¾	9⅜	8¾	9¼	8⅝ May 8	8⅞ May 13	7⅝ Jan 11	9¾ Apr 3
39,300	98,400	Allied Artists Pictures	1	3⅛	Sale	2¾	Sale	2⅝	Sale	2⅛ May 22	2⅞ May 3	2⅛ May 22	3⅞ Jan 28
2,900	4,000	5½% conv preferred	10	9½	11	9⅛	Sale	8	8⅝	8 May 24	9⅛ May 1	8 May 24	9⅝ Jan 21
4,000	26,000	Allied Control Co Inc	50c	7⅝	7⅞	7⅞	Sale	8¼	Sale	7½ May 21	8¼ May 31	7½ Jan 23	9½ Feb 27
29,200	190,300	Allied Paper Corp	8	12⅜	Sale	10	Sale	9⅝	Sale	8½ May 23	10 May 1	8½ May 23	14⅜ Feb 4
4,900	36,200	Alloys Unlimited Inc	10c	7⅝	Sale	7⅜	Sale	7⅛	Sale	7 May 31	7⅞ May 2	7 May 31	10 Jan 24
4,100	15,700	Almar Rainwear Corp	1	5¾	6¼	5⅛	Sale	5⅜	Sale	5 May 7	5⅜ May 13	5 May 7	6⅛ Jan 31
155,200	363,500	Alsco Inc	1	1⅝	1¾	1⅛	Sale	¾	Sale	11/16 May 27	1½ May 2	11/16 May 27	2¾ Jan 23
4,050	15,300	Aluminum Co of America— $3.75 preferred	100	84½	85	85½	Sale	88½	Sale	85½ May 1	88½ May 17	84⅛ Apr 22	89 Feb 28
27,300	195,600	Ambassador Oil Corp	1	5⅝	5¾	5⅞	Sale	5⅞	Sale	5¾ May 1	6 May 2	5¼ Jan 8	6⅝ Feb 18
42,900	188,300	Amco Industries	1	--	--	5½	Sale	4⅝	Sale	4⅝ May 31	6⅛ May 2	3¾ Jan 16	6¼ Jan 30
1,500	13,700	American Beverage Corp	1	4⅝	Sale	4½	5	4⅜	Sale	4⅜ May 31	4¾ May 3	4¼ Mar 28	6⅛ Jan 8
2,475	7,525	American Book Co	20	46½	Sale	44¼	44½	45	Sale	43⅝ May 24	46¾ May 8	43⅝ May 24	52 Jan 15
10,500	42,100	American Book-Stratford Press Inc	1	5	Sale	4⅝	4¾	6	Sale	4½ May 7	6 May 24	4 Mar 18	6 May 24
3,100	38,500	Amer Business Systems	*	5½	5¾	7	7½	7	7¼	6¾ May 24	8¼ May 10	5¾ Jan 4	9⅛ Jan 17
70,100	146,800	American Electronics Inc	1	3½	Sale	3⅛	Sale	4¼	Sale	3⅛ May 1	5⅛ May 27	3 Mar 18	5⅛ May 27
59,900	192,300	Amer Inter Aluminum	25c	1¼	Sale	2¾	Sale	3⅞	Sale	2¾ May 1	3⅞ May 31	1¼ Jan 2	3⅞ May 31
5,100	25,100	American Israeli Paper Mills Ltd American shares	£1	2¼	2½	2½	Sale	2⅝	3	2½ May 1	3⅛ May 20	2½ Jan 22	3¼ Mar 29
25,000	134,300	American M A R C Inc	50c	2⅝	Sale	2⅝	Sale	2⅝	Sale	2½ May 2	2¾ May 9	2½ May 2	3½ Jan 14
1,900	22,200	American Mfg Co	12.50	36	37	42½	43	47	47½	43 May 6	47¾ May 16	37 Jan 4	47¾ May 16
140,700	726,800	Amer Petrofina Inc cl A	1	4⅜	Sale	7½	Sale	8	Sale	6⅞ May 8	8 May 31	4¼ Jan 2	8 May 31
14,400	120,000	Amer Realty & Petroleum	10c	5	Sale	4½	Sale	4⅛	Sale	3¾ May 13	4½ May 1	3¾ May 13	5⅝ Feb 4
21,100	127,900	Amer Seal-Kap Corp com	2	12⅝	Sale	13⅜	Sale	12¾	Sale	12¼ May 29	13⅞ May 2	12¼ May 29	14½ Mar 7
6,400	31,900	American Thread 5% pfd	5	4¼	4½	4¾	Sale	4⅝	4¾	4⅝ May 2	4¾ May 1	4¼ Jan 3	4¾ Mar 15
2,700	11,200	Anchor Post Products Inc	2	11¼	11¾	12⅝	Sale	13⅛	13½	12⅜ May 3	13⅜ May 27	11¾ Jan 10	13⅜ May 27
5,800	20,500	Andrea Radio Corp	1	12⅝	Sale	13	13¼	11⅜	Sale	11 May 29	13 May 3	11 May 29	16¾ Jan 17
75,700	327,900	Anglo-Lautaro Nitrate Corp "A" shares	2.40	3⅜	Sale	3⅞	Sale	4¼	Sale	3¾ May 1	4¼ May 24	3 Jan 3	4¼ May 24
3,700	17,600	Angostura-Wupperman	1	12	Sale	10⅝	Sale	12	Sale	10½ May 9	12 May 31	10 Mar 8	12 Jan 2
600	4,600	Ansul Chemical Co	1	24¾	25½	23	24	22½	Sale	22½ May 31	23½ May 7	20½ Apr 4	26 Jan 10
6,400	38,400	Anthony Pools Inc	1	2¾	3	4⅜	Sale	4⅛	4¼	4¼ May 29	4¾ May 2	2¾ Jan 4	4¾ May 2
16,300	58,600	Apollo Industries Inc	5	7¾	Sale	8¼	Sale	10	Sale	8⅛ May 7	10 May 31	7⅜ Mar 11	10 May 31
1,330	6,650	Appalachian Power— 4½% preferred	100	97	Sale	99¾	Sale	99	99¾	98½ May 15	101 May 6	96¾ Jan 3	101 Jan 30
39,300	244,000	Argus Inc	50c	11⅞	Sale	6⅝	Sale	7⅛	Sale	5⅞ May 2	7½ May 27	5½ Apr 24	13⅛ Jan 4
114,100	535,500	Arkansas Louisiana Gas	2.50	28⅝	Sale	33	Sale	33	Sale	31¾ May 8	33½ May 16	28⅜ Jan 2	34⅜ Mar 13
50	875	Arkansas Power & Light— 4.72% preferred	100	99	102½	102½	103½	102½	103½	102½ May 2	102¾ May 27	100½ Jan 10	103 Feb 12
7,600	41,900	Armour & Co warrants		25	26½	28⅜	Sale	27	Sale	25½ May 17	28½ May 1	24¼ Mar 21	30 Jan 25
3,000	15,100	Arrow Electronics Inc	1	2	2⅜	2	Sale	1⅞	2⅛	1⅞ May 3	2⅛ May 20	1⅞ Feb 11	2⅜ Jan 3
97,500	515,700	Asamera Oil Corp Ltd	40c		⅞ Sale	1/16	Sale	1	Sale	1/16 May 13	1 1/16 May 29	⅝ Mar 29	1¼ Feb 11
14,200	44,100	Associated Baby Services	*	3¼	3½	4⅝	Sale	4⅝	Sale	4½ May 2	5⅛ May 3	3⅜ Jan 3	5⅛ May 3
100	1,100	Associated Elec Industries— Amer dep rcts reg	£1	5	Sale	5 1/16	6⅜	6	6¼	6 May 15	6 May 15	4½ Jan 21	6 May 15
4,900	26,300	Associated Food Stores	1	2⅞	3	3	3⅛	3	Sale	3 May 6	3⅛ May 2	2¾ Jan 21	3¼ Feb 13
8,400	42,100	Assoc Laundries of Amer	1	1¾	Sale	1⅞	Sale	1⅝	Sale	1⅝ May 29	1⅞ May 1	1⅝ Mar 4	2⅛ Mar 28
206,600	921,300	Associated Oil & Gas Co	1c	4⅝	Sale	5½	Sale	4¾	Sale	4¼ May 24	5⅞ May 3	4¼ Jan 3	6 Mar 11
2,900	2,900	Associated Products Inc	1	--	--	--	--	13⅞	Sale	13½ May 28	14 May 27	13½ May 28	14 May 27
56,200	109,800	Assoc Testing Labator's	10c	7⅜	Sale	6	Sale	8¼	Sale	5⅝ May 9	8½ May 31	5⅛ Mar 14	8½ May 31
27,900	82,300	Astrex Inc	33⅓c	7	Sale	6⅞	Sale	7½	Sale	6⅜ May 8	7½ May 14	6⅜ May 8	8 Mar 18
46,300	89,000	Atco Chem-Indus Prod	10c	2¾	Sale	2¼	Sale	2¾	Sale	2¼ May 1	3½ May 22	2⅛ Apr 29	3½ May 22
6,100	21,700	Atico Financial Corp	1	9	Sale	7⅞	Sale	8	Sale	7¾ May 7	8⅛ May 23	7½ Feb 4	9 Jan 2
5,700	24,400	Atlantic Coast Line Co	*	56⅛	Sale	62½	Sale	68¾	Sale	62 May 7	68¾ May 31	55¾ Jan 2	68¾ May 31
39,100	265,100	Atlantic Research Corp	1	13⅛	Sale	11¾	Sale	9¾	Sale	8¾ May 14	11⅞ May 1	8¾ May 14	14⅝ Feb 18
94,300	214,000	Atlas Consol Mining & Development Corp	10 pesos	6⅞	Sale	8	Sale	10⅜	Sale	8 May 1	11⅛ May 28	6⅞ Jan 2	11⅛ May 28
176,700	412,600	Atlas Corp warrants		⅞	1 1/16	1 1/16	Sale	1⅛	Sale	1 1/16 May 1	1¼ May 31	⅞ Feb 11	1¼ May 31
19,100	200,600	Atlas General Industries	1	13⅜	Sale	14¾	Sale	15	Sale	14⅝ May 3	15⅝ May 15	13 Jan 2	17½ Feb 21
12,100	128,600	Atlas Sewing Centers Inc	1	1/16	½	5/16	Sale	¼	5/16	¼ May 1	5/16 May 1	¼ Feb 27	¾ Jan 18
24,500	120,300	Audio Devices Inc	10c	11⅝	Sale	11⅛	Sale	12	Sale	10⅞ May 3	12½ May 14	10¼ Apr 19	14⅝ Jan 24
38,800	173,500	Aurora Plastics Corp	1	13½	13⅞	20	Sale	22⅜	Sale	19¼ May 7	23¾ May 22	13⅜ Jan 3	23¾ May 22
11,900	48,600	Automatic Radio Mfg Co	1	4⅞	Sale	4½	Sale	4¼	Sale	4 May 23	4⅝ May 15	4 May 23	5¾ Jan 9
600	12,200	Automatic Steel Products	1	4¾	Sale	4⅝	Sale	4¾	5	4⅝ May 1	4⅞ May 22	4⅜ Jan 22	5⅞ Feb 11
900	8,100	Non-vot non-cum pfd	1	5⅝	6	6½	Sale	6½	6⅞	6¼ May 2	6⅞ May 22	5⅞ Jan 10	7 Feb 13
37,400	108,100	Avien Inc	10c	4	Sale	2¾	Sale	3	3⅛	2½ May 21	3½ May 10	2½ Mar 25	4⅝ Jan 8
17,900	44,900	Avis Industrial Corp	5	12	12⅜	18¼	Sale	21⅛	Sale	18¼ May 1	22¾ May 15	11½ Jan 8	22¾ May 15
1,300	8,300	Avondale Corp	10	--	--	14⅛	14¼	14¼	14¾	13⅝ May 14	14½ May 22	11½ Jan 10	15 Mar 14
1,800	9,700	Ayshire Collieries Corp	3	43	Sale	42	43½	43½	Sale	42⅛ May 24	43½ May 31	40½ Mar 8	45¼ Jan 22
32,300	299,200	Bailey & Selburn Oil & Gas Class A	1	8⅛	Sale	10	Sale	10⅝	Sale	9⅜ May 10	11¼ May 14	8 5/16 Mar 1	11¼ May 14
3,400	36,300	Baker Industries	1	8	8¼	10	10⅛	11⅛	Sale	9⅞ May 14	11⅛ May 21	8 Jan 7	11⅞ Mar 22
8,500	89,500	Baldwin-Montrose Chemical Common	50c	5	Sale	7⅞	Sale	7	Sale	7 May 22	8 May 1	5 Jan 2	8⅜ Mar 1
7,600	59,900	Conv preferred	*	10½	Sale	14	Sale	12⅞	13	12¾ May 27	14 May 1	10⅜ Jan 7	14⅛ Mar 29
19,900	68,100	Baldwin Securities	1c	3⅝	Sale	4¼	Sale	4⅛	Sale	4 May 6	4¼ May 1	3⅝ Jan 2	4¼ Apr 30
64,300	214,900	Banff Oil Ltd	50c	1/16	Sale	1 1/16	Sale	1 1/16	Sale	1⅛ May 2	1⅜ May 9	1/16 Jan 3	1⅜ May 9
12,600	74,600	Banner Industries Inc	10c	4	Sale	3⅛	Sale	3	Sale	2⅞ May 23	3¼ May 1	2⅜ Apr 15	4⅛ Jan 2

For footnotes, see page 96.

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Aggregate Sales in May Shares	Sales Since Jan. 1 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
8,600	76,300	Bargain Town USA Inc	10c	6¾	7	8¾	Sale	7¾	Sale	7⅝ May 21	8¾ May 1	6½ Jan 3	9½ Apr 22
35,500	81,800	Barnes Engineering Co	1	19⅛	Sale	16⅜	Sale	20⅜	Sale	16⅜ May 1	21½ May 16	15⅜ Apr 1	23⅛ Jan 24
8,400	43,100	Barry Wright Corp	1	11	Sale	9⅛	Sale	9⅞	10⅛	9⅛ May 1	10¼ May 14	9⅛ Apr 5	12¼ Jan 11
6,400	42,000	Barton's Candy Corp	1	10⅛	Sale	9⅛	Sale	8⅞	9	8¾ May 1	9⅜ May 3	8¾ Mar 14	10⅞ Jan 7
14,200	108,600	Baruch-Foster Corp	50c	⅛	Sale	1	Sale	⅞	Sale	⅞ May 20	1⅛ May 2	⅞ Jan 3	1 5/16 Apr 26
37,300	296,000	Bayview Oil Corp	25c	1⅛	Sale--	1⅛	Sale	1⅛	Sale	1 May 28	1¼ May 1	⅞ Feb 1	1½ Mar 15
16,200	44,400	Bearings Inc	*	14½	Sale	17¾	Sale	19¼	Sale	17½ May 1	19⅞ May 20	14½ Jan 2	19⅞ May 20
2,600	23,300	Beck (A S) Shoe Corp com	1	8⅛	Sale	7	7¼	6¾	7	6½ May 14	7¼ May 2	6½ Apr 2	8⅞ Jan 14
4,000	31,200	Bell Electronic Corp	*	2⅞	3¼	2⅜	Sale	2¼	2⅜	2 May 20	2½ May 8	2 May 20	3½ Jan 10
6,800	34,100	Bell Telephone of Canada	25	49⅝	Sale	52⅞	Sale	52¾	53⅛	52½ May 27	53½ May 9	49⅛ Feb 12	53½ May 9
56,900	281,100	Belock Instrument Corp	50c	4	Sale	5½	Sale	5⅞	Sale	5⅜ May 1	6¼ May 9	4 Jan 2	6¼ May 9
44,300	87,100	Benrus Watch Co Inc	1	8¼	Sale	8⅛	8⅜	10	Sale	7½ May 24	10⅝ May 31	7½ May 24	10⅝ May 31
24,400	105,100	Berkey Photo Inc	1	6⅝	Sale	7¼	Sale	7½	Sale	6¾ May 3	8⅛ May 9	6⅝ Jan 2	9¼ Jan 18
4,900	24,500	Berkshire Frocks Inc	1	8	Sale	8⅛	Sale	8	Sale	8 May 7	8¾ May 14	7 Mar 7	9¼ Jan 28
5,900	26,800	Bethlehem Corp (The)	*	2½	2⅞	2½	Sale	2⅝	Sale	2½ May 1	2¾ May 15	2⅛ Feb 11	2⅞ Apr 16
1,900	6,450	Bickford's Inc	1	26	Sale	25	Sale	23⅜	Sale	23⅜ May 31	25 May 1	23⅜ May 31	28½ Jan 16
22,600	22,600	Binney & Smith Inc	2.50	--	--	18⅞	Sale	18¾	Sale	18½ May 2	20⅝ May 13	18½ May 2	20⅝ May 13
9,800	65,700	Birdsboro Corporation	4	4	Sale	3⅞	Sale	3½	3⅝	3⅝ May 28	3⅞ May 1	3½ Jan 21	4⅝ Mar 18
30,000	103,800	Blauner's	3	1¼	1⅜	1⅛	1¼	1¾	Sale	1 May 14	1¾ May 29	⅞ Feb 27	1¾ May 29
71,100	170,900	Bloomfield Bldg Ind cl A	10c	7½	Sale	7½	Sale	8¼	Sale	7⅜ May 1	8⅜ May 14	7⅜ Jan 2	8½ Jan 28
5,200	12,900	Bloomfield Industries Inc	1	--	--	8⅝	Sale	8	Sale	8 May 9	8⅝ May 1	7¾ Apr 25	10 Mar 25
11,800	32,100	Blossman Hydratane Gas	1	7	7¼	7	Sale	7	Sale	6¾ May 1	7¼ May 22	6⅝ Jan 20	8 Jan 29
10,700	50,200	Bohack (H C) Co common	*	20⅛	Sale	19⅞	Sale	20⅞	Sale	19 May 24	22 May 20	19 Apr 24	24½ Jan 22
3,260	4,510	5½% prior preferred	100	81½	Sale	84	85½	86¾	Sale	83 May 21	86¾ May 31	81½ Jan 2	90 Jan 25
20,300	111,800	Borne Chemical Co Inc	1.50	6⅜	Sale	5¾	Sale	5¾	Sale	5⅜ May 3	6½ May 20	5⅜ Mar 26	7¼ Jan 3
1,000	9,500	Bourjois Inc	1	12¾	13¼	14½	15	14½	Sale	14½ May 31	15⅛ May 22	13 Jan 3	16 Jan 30
13,600	112,900	Bowling Corp of Amer	10c	1⅜	Sale	1½	Sale	1½	1⅝	1½ May 1	1⅝ May 2	1¼ Jan 2	2 Jan 24
2,700	17,600	Brad Foote Gear Works	20c	2	Sale	1⅞	Sale	1¾	Sale	1¾ May 31	2 May 3	1¾ May 31	2¼ Mar 1
21,000	51,700	Brandywine Raceway	1	16¾	Sale	21¼	Sale	18¾	Sale	18 May 10	21¾ May 2	16½ Jan 2	23 Apr 26
163,800	960,000	Brazilian Tr Lt & Pwr ord	*	2½	Sale	4	Sale	3½	Sale	3¼ May 28	4⅛ May 2	2½ Jan 2	4¼ Mar 15
28,100	103,900	Breeze Corp	1	8¾	Sale	8⅝	Sale	8⅝	Sale	8⅜ May 24	9⅝ May 3	8¼ Apr 10	10⅜ Jan 23
120,000	135,100	Brillo Mfg Co	1	20¾	Sale	24	Sale	27	Sale	24 May 1	28¾ May 15	20¾ Jan 2	28¾ May 15
23,800	89,400	British American Oil Co	*	27¾	Sale	25¾	Sale	26½	26¾	25½ May 1	27¾ May 8	25⅝ Apr 30	28¼ Jan 16
		British Amer Tob Ltd—											
2,100	z6,000	Am dep rcts ord bear	10s	8 15/16	9	7 9/16	7 11/16	7½	7 13/16	7 5/16 May 7	7 13/16 May 16	7 5/16 May 7	9⅞ Apr 5
200	z10,100	Am dep rcts ord reg	10s	8 13/16	9	7⅜	8¼	7 7/16	7 9/16	7 5/16 May 10	7 7/16 May 3	7 5/16 May 10	10 Mar 7
28,400	225,300	British Columbia Power	*	18½	Sale	19½	Sale	19¼	Sale	18⅞ May 28	20⅜ May 1	18¼ Feb 26	21½ Jan 24
		British Petroleum Co Ltd—											
167,100	895,000	American dep rcts reg	£1	6 7/16	Sale	7	Sale	7 7/16	Sale	6 13/16 May 3	7 7/16 May 10	6⅜ Jan 2	7 9/16 Apr 18
8,500	35,000	Brooks Instrument Co	25c	3	Sale	2¾	Sale	3⅛	Sale	2¾ May 1	3⅛ May 31	2½ Apr 23	3¼ Jan 4
60,400	393,500	Brown Company	1	10⅛	Sale	13¼	Sale	12½	Sale	12¼ May 21	13⅜ May 1	10⅛ Jan 2	13⅜ May 1
		Brown Forman Distillers—											
1,300	8,500	Class A common	30c	22½	23¼	27¾	28¼	82¼	28¾	27¾ May 2	28¾ May 17	22⅝ Jan 3	28¾ May 17
16,300	73,000	Class B common	30c	22½	Sale	27¼	Sale	26⅝	Sale	26½ May 28	28⅜ May 17	22½ Jan 3	28⅜ May 17
2,600	26,900	4% cum preferred	10	7¾	Sale	7⅞	8	7¾	8	7¾ May 29	8 May 13	7⅝ Jan 7	8 Apr 1
27,900	199,000	Bruce (E L) Co Inc	1	9⅞	Sale	8¾	9	8⅞	Sale	8½ May 7	9⅝ May 17	8½ May 7	11⅜ Feb 12
100	2,700	Bruck Mills Ltd class B	*	2⅞	3⅜	4½	5¼	4⅛	5	4½ May 3	4½ May 3	3½ Jan 16	5½ Feb 8
38,500	162,500	BSF Company	66⅔c	4⅛	4½	6	Sale	6½	Sale	5⅞ May 1	6⅞ May 13	4⅜ Jan 3	8⅛ Jan 21
22,200	101,100	Budget Finance Plan com	50c	13⅝	Sale	15⅜	Sale	15⅞	Sale	15⅛ May 8	16 May 1	13¼ Jan 18	16⅛ Apr 19
3,900	18,800	6% serial preferred	10	10¼	Sale	--	--	10½	Sale	10¼ May 29	10⅞ May 23	10⅛ Jan 21	10⅞ Feb 4
4,200	18,000	Buell Industries Inc	1	5⅛	Sale	4⅝	Sale	4⅝	Sale	4½ May 13	4⅞ May 28	4½ May 13	6¼ Jan 14
51,300	190,800	Bunker Hill (The) Co	2.50	8¾	Sale	13	Sale	14½	Sale	12¾ May 7	14⅞ May 22	8½ Jan 3	14⅞ May 22
		Burma Mines Ltd—											
29,400	29,700	Amer dep rcts ord	3s 6d	⅛	Sale	⅛	Sale	⅛	Sale	⅛ May 1	3/16 May 2	⅛ Jan 2	3/16 Jan 2
6,200	25,100	Burnell & Company Inc	25c	4	4¼	3½	Sale	3½	Sale	3⅛ May 9	4⅜ May 14	3⅛ May 9	4⅞ Jan 11
		Burroughs (J P) & Son											
2,900	‡7,200	Inc new	1	--	--	5⅞	Sale	5⅝	5¾	5⅝ May 21	6 May 6	5⅝ May 21	6⅞ Apr 9
8,200	56,100	Butler's Shoe Corp	1	8⅜	Sale	7	Sale	6⅞	7	6⅞ May 3	7⅛ May 16	6⅝ Apr 4	9⅞ Jan 17
37,400	273,200	B V D Co Inc	1	16¾	Sale	17¾	Sale	17¾	Sale	17⅜ May 27	17¾ May 1	16⅛ Apr 10	19⅛ Jan 28
17,300	75,200	Calgary & Edmonton Ltd	*	20½	20⅞	20	Sale	20⅜	20¾	19⅝ May 3	21⅞ May 20	18⅞ Feb 12	22½ Feb 28
51,400	256,600	California Electric Power	1	23⅜	Sale	28	Sale	28⅞	Sale	27⅝ May 6	29½ May 23	22⅞ Feb 4	29½ May 23
1,300	3,200	$3.00 preferred	50	63½	65	70½	Sale	73½	74¼	70½ May 1	75 May 8	63½ Jan 8	75 May 8
300	1,800	$2.50 preferred	50	52	53	52¼	53½	52¾	53	53 May 13	53 May 13	52 Jan 9	54 Apr 17
450	5,750	6% preferred	50	57½	58	54½	55	54½	55	54½ May 7	55 May 2	54 Mar 29	60¼ Mar 5
		Cameo-Parkway Records Inc											
28,300	163,800	Class A	10c	11¼	Sale	9¾	Sale	8	Sale	7¾ May 17	10 May 1	7¾ May 17	12¼ Jan 15
		Campbell Chibougamau											
142,900	314,400	Mines Ltd	1	3½	Sale	3 1/16	Sale	4⅜	Sale	3 3/16 May 1	4¾ May 16	3½ Jan 2	4¾ May 16
8,900	23,400	Campbell Machine Inc	1	4⅝	4¾	6⅛	6⅜	7⅛	Sale	6 May 3	7¼ May 31	4⅝ Feb 1	7¼ May 31
----	----	Canada Bread Co Ltd	*	5	8	4	6½	4	7	-- ------	-- ------	-- ------	-- ------
300	5,400	Canada Cement Co Ltd	*	26½	26⅝	36⅛	36⅞	35¾	36½	36 May 17	36½ May 21	27¼ Jan 3	36¾ Apr 18
----	----	1.30 preferred	20	24	26½	26	27½	26	27½	-- ------	-- ------	-- ------	-- ------
227,600	785,200	Canada Sou Petroleum vtc	1	4 1/16	Sale	3⅝	Sale	4 1/16	Sale	3 7/16 May 6	4½ May 21	3¼ Mar 8	4⅝ Jan 2
125	1,550	Canadn Dredge & Dock Co	*	7¼	8	6⅝	7¼	7⅜	7¾	7⅜ May 16	7⅜ May 16	6⅞ Apr 19	8¼ Jan 11
		Canadian Export Gas &											
17,500	137,700	Oil Ltd	16⅔c	1⅛	Sale	1	Sale	1 1/16	1	15/16 May 2	1 May 1	1 1/16 Feb 27	1⅛ Jan 2
12,900	79,500	Can Homestead Oils	10c	1	Sale	13/16	Sale	⅞	Sale	13/16 May 1	15/16 May 10	1 1/16 Apr 29	1 1/16 Feb 27
		Canadian Husky Oils Ltd name changed to Husky Oil Ltd											
20,000	75,700	Canadian Indus Gas	2.50	8⅜	Sale	8	Sale	9 1/16	Sale	8 May 1	9⅛ May 31	7⅞ Apr 25	9¼ Jan 8
473,800	1,128,300	Canadian Javelin Ltd	*	8⅜	Sale	10⅝	Sale	13⅞	Sale	10¼ May 1	14¼ May 31	8⅜ Jan 2	14¼ May 31
39,900	123,900	Canadian Marconi Co	1	3⅝	3¾	3⅞	4	4⅜	Sale	3¾ May 6	4½ May 28	3¾ Jan 3	4⅝ Jan 29
2,500	10,300	Canadian Petrofina pfd	10	9¾	Sale	10½	10¾	10⅝	Sale	10⅛ May 6	10⅝ May 28	9¾ Jan 2	10⅞ Feb 7
4,400	51,500	Canadianwide Props Ltd	1	5⅜	Sale	4½	4¾	4½	4⅞	4½ May 6	5¼ May 16	4⅛ Feb 14	6⅛ Jan 18
2,800	31,900	Can Williston Minerals	6c	1/16	⅜	⅜	Sale	⅜	Sale	5/16 May 6	⅜ May 1	¼ Feb 6	1/16 Jan 4
13,100	48,350	Canal-Randolph Corp	1	14½	Sale	14¼	Sale	14⅛	Sale	14 May 1	14½ May 13	13⅞ Apr 15	17⅜ Apr 8
52,600	169,400	Canaveral Internat'l	50c	6⅜	Sale	5	Sale	4⅜	Sale	4⅛ May 23	5¼ May 15	4⅛ May 23	7⅜ Jan 22
36,900	168,200	Capital Cities Broadcast	1	17	Sale	23¼	Sale	22	Sale	21⅛ May 21	24⅜ May 7	16⅞ Jan 2	24⅞ Apr 23
450	6,050	Capital City Products	1	17½	Sale	18⅛	Sale	17½	18	18 May 6	18¼ May 15	16½ Mar 20	19 Jan 10
8,400	33,600	Carey Baxter & Kennedy	1	4	4½	5½	Sale	5	5¼	5 May 13	5⅞ May 1	4½ Jan 4	6½ Mar 7
8,500	37,500	Carnation Co	5.50	88	Sale	88	Sale	94½	Sale	87⅝ May 7	94½ May 9	83 Mar 12	95 Jan 10
200	2,010	Carolina Pwr & Lt $5 pfd	*	107½	109	108½	109	109⅜	110⅝	108¼ May 6	110 May 27	107¼ Jan 7	110 Jan 24
		Carreras Ltd—											
20,000	50,300	Amer dep rcts B ord		13/16	Sale	¾	Sale	13/16	Sale	¾ May 21	⅞ May 13	11/16 Mar 25	⅞ Feb 11
2,500	15,600	Carter (J W) Co common	1	5¼	5¾	4¾	Sale	4½	4⅝	4⅜ May 21	5 May 6	4 Mar 26	6 Jan 11
2,100	20,600	Castle (A M) & Co	10	10⅛	Sale	13⅝	14	13½	13⅞	13½ May 6	13¾ May 9	10⅛ Jan 2	14⅜ Mar 8
23,900	79,300	Catalin Corp of America	1	3¼	Sale	3¾	Sale	4⅜	Sale	3⅝ May 1	4⅝ May 31	3⅛ Jan 3	4⅝ May 31
1,100	1,100	Central Charge Service	1	--	--	--	--	10¼	Sale	9⅞ May 29	10¼ May 31	9⅞ May 29	10¼ May 31
69,200	283,800	Central Hadley Corp	1	1/16	¾	1	Sale	1	Sale	13/16 May 3	1 May 1	⅝ Feb 25	1⅛ Apr 15
		Cent Maine Power Co—											
400	2,630	3.50% preferred	100	72	73	72½	73½	73½	74½	73 May 6	74¾ May 17	72½ Jan 4	75½ Apr 16
150	700	Cent Pwr & Lt 4% pfd	100	84¼	86¾	86¼	88	86½	88	86¼ May 20	86¾ May 13	85¾ Jan 17	87½ Jan 29
11,800	51,800	Central Securities Corp	1	17¼	Sale	20¼	Sale	19⅝	Sale	19 May 24	20¼ May 1	17⅛ Jan 2	20⅜ Apr 11
1,075	9,675	Conv pref $1.40 series B	*	28	28½	30½	Sale	30¾	31¾	30½ May 1	32 May 2	28 Jan 4	32 Apr 15
1,875	4,795	Conv pref $1.50 series	*	34	35¼	39¼	40¾	38½	Sale	38 May 28	40½ May 6	34¼ Jan 8	40¾ Apr 22
1,700	10,600	Century Electric Co	10	7	7⅜	8⅛	8½	7¾	8⅛	8 May 8	8¼ May 7	7⅜ Jan 3	9 Feb 18
8,500	53,300	Century Geophysical Corp	1	4⅜	Sale	4⅜	Sale	4⅛	Sale	3⅞ May 16	4½ May 1	3⅞ May 16	5⅜ Mar 7
900	4,500	Chamberlin Co of Amer	2.50	5	5¼	6½	6⅞	6½	6⅞	6⅝ May 7	6⅞ May 2	5 Jan 8	6⅞ May 2
15,100	142,700	Charter Oil Co Ltd	1	1	Sale	1 5/16	1⅜	1⅜	Sale	1 5/16 May 6	1 5/16 May 6	13/16 Feb 5	1½ Apr 5
5,900	52,600	Cherry-Burrell Corp	5	10¾	Sale	11½	11¾	12	Sale	11½ May 14	12 May 31	10½ Feb 1	13½ Jan 9
7,600	13,800	Chicago Rivet & Machine	2	22¾	23¼	24	Sale	28	28½	24 May 1	29 May 27	22½ Jan 22	29 May 27
39,100	364,700	Chief Consol Mining Co	1	1¼	Sale	2⅜	Sale	2	Sale	1⅞ May 17	2⅜ May 1	1⅛ Jan 4	3 Feb 20
29,500	120,800	Christiana Oil Corp	1	5⅛	Sale	6	Sale	5⅞	Sale	5⅝ May 22	6 May 1	5⅛ Jan 2	6½ Jan 29
60,200	661,000	Chromalloy Corp	10c	12½	Sale	20⅞	Sale	17⅞	Sale	17¾ May 28	21⅛ May 1	12⅛ Jan 8	22½ Apr 15
244,000	1,092,100	Cinerama Inc	1c	14	Sale	14⅞	Sale	15	Sale	13½ May 17	15½ May 24	13½ Jan 3	17⅜ Mar 26
23,100	90,400	Circuit Foil Corp	25c	19⅝	Sale	21⅝	Sale	25½	Sale	20⅞ May 1	25⅞ May 31	19 Mar 1	25⅞ May 31
13,600	104,000	C K P Development Ltd	*	13¼	Sale	10½	Sale	10¾	Sale	10⅜ May 1	11½ May 13	10¼ Mar 19	13½ Jan 8
10,200	37,500	Clark Cable Corp	10c	5⅜	5¾	5⅜	Sale	5¾	Sale	5 May 17	5⅞ May 28	4⅞ Mar 12	6¼ Mar 18

For footnotes, see page 96

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Aggregate Sales in May Shares	Since Jan. 1 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
14,400	52,700	Clarostat Mfg Co Inc	1	7¾	Sale	6⅞	Sale	6⅝	Sale	6⅜ May 23	6⅞ May 1	6⅜ May 23	7⅞ Jan 10
41,200	104,400	Clary Corporation	1	5	Sale	5⅜	5⅝	7¼	Sale	5⅜ May 2	7⅜ May 29	4½ Mar 25	7⅜ May 29
500	9,400	Clayton & Lambert Mfg	4	13	13½	14	14¾	15½	15⅞	14⅛ May 21	15⅝ May 22	12⅝ Apr 11	15⅝ May 22
6,400	37,600	Clopay Corporation	1	3	Sale	3⅛	Sale	3¼	Sale	3 May 1	3⅜ May 21	3 Jan 2	3½ Jan 31
1,400	7,900	Club Aluminum Products	*	2¾	2⅞	3⅛	Sale	3¼	Sale	3⅛ May 1	3¼ May 16	2¾ Jan 10	3¼ May 16
31,000	145,200	Coburn Credit Co common	1	--	--	12¾	Sale	11⅞	Sale	11¼ May 20	12⅞ May 6	9⅛ Mar 29	12⅞ Apr 26
6,600	23,170	6% preferred	20	--	--	25½	Sale	24⅞	Sale	23¾ May 21	26 May 1	20¼ Mar 18	26¼ Apr 22
32,300	167,500	Cohu Electronics Inc	1	3¾	Sale	4⅛	Sale	4	Sale	3⅞ May 3	4¾ May 16	3½ Apr 11	4¾ May 16
23,700	25,300	Coleman Company Inc	5	--	--	30⅛	Sale	35⅝	Sale	30 May 1	35⅞ May 31	29¾ Apr 30	35⅞ May 31
17,400	92,300	Colonial Sand & Stone Co	1	13⅞	Sale	17	Sale	16½	Sale	16½ May 31	17⅝ May 6	13⅞ Jan 2	18⅝ Feb 11
2,200	12,600	Commercial Metals Co	5	4	Sale	5¼	5½	5⅜	Sale	5¼ May 2	5⅜ May 7	4 Jan 2	5½ Feb 4
30,400	231,000	Com'ty Discnt Cen Inc	10c	1⅛	Sale	1⅛	Sale	1¼	Sale	1⅛ May 1	1⅜ May 3	1⅛ Jan 2	1¾ Jan 23
5,800	61,900	Community Pub Service	10	43½	Sale	42	Sale	39½	Sale	38½ May 31	42¼ May 2	38½ May 31	46 Feb 20
		Compo Shoe Machinery—											
13,800	79,300	Vtc ext to 1965	1	10¼	Sale	8¼	Sale	8⅝	Sale	7⅝ May 7	9⅞ May 10	7⅝ May 7	14⅜ Jan 31
80,400	452,400	†Compudyne Corp	25c	3	Sale	1⅞	Sale	¾	Sale	⅝ May 23	2 May 1	⅝ May 23	3⅝ Jan 24
5,100	32,200	Connelly Containers	50c	4½	4¾	4⅞	Sale	5	Sale	4⅞ May 1	5⅛ May 3	4⅜ Mar 19	5¼ Apr 17
11,900	56,000	Consol Diesel Elec Corp	10c	4⅞	Sale	4½	Sale	4½	Sale	4⅜ May 1	4¾ May 10	4⅛ Apr 18	5⅛ Jan 4
7,900	47,100	Consol Mng & Smelt Ltd	*	21⅜	Sale	23⅜	Sale	24	24½	23⅜ May 1	24⅞ May 3	21¼ Jan 4	25¼ Apr 16
28,100	174,900	Consolidated Oil & Gas	20c	3¾	4	4	Sale	4	Sale	4 May 1	4¼ May 6	3¾ Jan 7	4¾ Feb 6
5,100	24,000	Consolidated Royalty Oil	*	8⅝	Sale	8⅞	9⅜	9¼	9½	9 May 2	9½ May 7	8⅜ Jan 15	10¼ Feb 15
40,300	249,900	Consolidated Sun Ray Inc	1	⅞	Sale	⅞	Sale	⅞	Sale	⅛ May 31	1 May 1	¾ Mar 12	1⅛ Mar 27
6,200	22,900	Construction Products A	1	1⅞	2⅛	1⅜	1⅝	1⅜	Sale	1¼ May 7	1½ May 15	1¼ May 7	2¼ Jan 3
3,900	23,800	Cont Aviation & Eng Corp	1	7	Sale	7½	Sale	7⅝	Sale	7¼ May 16	7⅞ May 2	7 Jan 2	8⅝ Feb 20
2,300	12,600	Cont Commercial Corp	1	5⅜	Sale	5⅛	Sale	5¼	5½	5⅛ May 1	5½ May 13	5⅛ Apr 23	5⅞ Feb 8
7,100	36,700	Cont Connector class A	50c	7⅛	Sale	7⅜	Sale	8⅜	Sale	7¼ May 9	8⅜ May 31	6¾ Mar 27	8⅝ Jan 15
37,300	137,000	Cont Materials Corp	10c	⅛	Sale	⅛	Sale	⅝	Sale	⅝ May 1	¾ May 2	⅝ Jan 2	⅞ Jan 16
3,300	16,200	Cook Pt & Varnish	15	17¼	Sale	18	Sale	18¾	19¼	18 May 1	19¼ May 17	17⅛ Jan 2	19¼ May 17
7,800	34,400	Cooper-Jarrett Inc	1	5¾	Sale	6¾	Sale	7½	Sale	6¾ May 1	7⅞ May 20	5¾ Jan 2	7⅞ May 20
		Corby H Distillery Ltd—											
300	700	Class A voting	*	14¾	16	16⅝	Sale	16⅝	18¼	16⅝ May 1	17½ May 8	15⅞ Jan 15	17½ May 8
100	200	Class B nonvoting	*	14⅝	16	15	16¾	16⅛	18	17 May 8	17 May 8	16 Apr 26	17 May 8
8,300	37,000	Coro Inc	5	6⅞	7¼	8⅝	Sale	8⅜	Sale	8⅛ May 29	9⅛ May 8	7¾ Jan 10	9¾ Jan 22
800	6,600	Corroon & Reynolds com	1	20⅛	20½	21¼	Sale	21⅛	Sale	21⅛ May 3	21½ May 22	20 Jan 4	22¾ Feb 20
200	3,000	$1 preferred A	*	20¼	20¾	21	Sale	20½	21	20½ May 22	21 May 1	20⅜ Apr 5	21½ Apr 22
9,400	36,400	Cott Beverage Corp	1.50	6	Sale	5⅝	6	5⅝	5⅞	5⅝ May 6	6⅜ May 20	5½ Feb 6	6⅜ May 20
11,400	83,900	Cott Bottling Co of New England Inc	1	6½	Sale	6⅞	Sale	7	Sale	6¾ May 3	7⅜ May 9	6⅜ Jan 11	8 Feb 18
		Courtaulds Ltd—											
500	2,400	Am dep rcts ord reg	£1	7½	7⅝	8¾	9¼	9⅛	Sale	9⅛ May 31	9⅛ May 31	7 1/16 Feb 6	9⅛ May 31
3,800	29,000	Cox Instruments Corp	1	6¼	6½	8¼	Sale	8¼	8½	8¼ May 1	8½ May 8	6½ Jan 3	9⅝ Feb 7
102,700	551,700	Crane Carrier Indust	50c	2¼	Sale	2⅜	Sale	2½	Sale	2¼ May 7	2⅞ May 17	2¼ Jan 2	3 Jan 11
116,000	485,100	Creole Petroleum Corp	5	36⅝	Sale	41½	Sale	40¾	Sale	39 May 24	43¼ May 2	35⅝ Mar 11	43½ Apr 24
7,300	22,400	Crestmont Consolidated	1	3¾	4⅛	4⅞	Sale	4⅞	Sale	4⅛ May 17	4⅞ May 1	3⅞ Jan 9	5 Apr 23
2,000	13,700	Crose-United Corp	25c	2½	2⅞	2½	2¾	2¾	Sale	2½ May 14	2¾ May 17	2½ Apr 18	3⅝ Jan 21
600	8,200	Crowley Milner & Co	1	7	7⅛	7¾	8¼	7⅝	7⅞	7⅝ May 15	7¾ May 15	6¾ Jan 18	8⅜ Apr 22
8,200	69,400	Crown Alum Industries	25c	3	Sale	4½	Sale	3⅞	Sale	3⅞ May 29	4½ May 1	3 Jan 2	5¼ Jan 11
5,900	29,700	Crown Cent Petrol (Md)	5	13⅛	Sale	14⅛	Sale	13¾	Sale	13⅝ May 10	14¾ May 2	12½ Jan 7	14¾ May 2
5,600	40,800	Crown Drug	25c	2⅝	Sale	2¼	Sale	2⅛	2¼	2⅛ May 2	2⅜ May 14	2⅛ Apr 8	2⅞ Feb 7
4,100	16,800	Crystal Oil & Land Co	10c	6¾	7¼	5⅝	5⅞	6	6¼	5½ May 16	6 May 28	5½ Apr 2	6⅞ Jan 9
47,500	263,800	Cubic Corporation	*	10¼	Sale	7½	Sale	8½	Sale	7⅜ May 1	9¼ May 29	6⅝ Apr 25	12⅜ Jan 18
500	2,000	Curtis Mfg Co class A	4	8⅛	8⅜	8⅛	8⅜	8	8½	8⅛ May 2	8½ May 15	7⅞ Jan 21	8½ May 15
		Cutter Laboratories Inc—											
33,900	212,400	Class A common	1	11⅞	Sale	13¾	Sale	13⅝	Sale	13⅜ May 1	14⅛ May 15	11⅜ Jan 3	14¾ Feb 13
5,900	23,800	Class B common	1	11¼	Sale	13⅛	Sale	13	Sale	13 May 13	13⅜ May 2	11¼ Jan 2	14⅛ Feb 15
23,700	149,900	Daitch Crystal Dairies	50c	4¼	Sale	5⅝	Sale	5⅞	Sale	5½ May 1	6½ May 3	4¼ Jan 2	6⅞ Apr 17
7,600	190,900	Daryl Industries Inc	50c	3½	Sale	3	Sale	2¾	Sale	2⅝ May 16	3 May 1	2⅝ Feb 12	4⅛ Jan 14
12,700	57,800	Davidson Brothers Inc	1	4¼	4½	4⅞	Sale	4¾	Sale	4⅝ May 29	5 May 14	4⅜ Jan 4	5⅝ Apr 4
14,600	68,200	Day Mines Inc	10c	5⅜	Sale	5⅛	Sale	5 1/16	Sale	5 May 2	5¼ May 10	5 May 2	6⅛ Mar 13
660	3,760	Dayco Corp class A pref	35	29¾	30½	32½	32⅞	33½	33⅝	32⅞ May 2	33½ May 8	30 Jan 8	33½ Apr 4
3,500	19,000	D C Transit System cl A	20c	11⅛	Sale	10¾	11	10⅝	11	10⅝ May 16	11 May 7	10½ Apr 2	11⅜ Jan 23
6,400	23,200	Defiance Industries class B	1	5⅞	Sale	6⅝	Sale	--	6⅞	6⅝ May 1	8½ May 20	5¾ Apr 11	8½ May 20
30,900	72,400	Dennison Mfg Co class A	5	19	Sale	24⅛	Sale	29	Sale	23¾ May 1	31 May 31	18⅞ Jan 3	31 May 31
120	710	8% debenture stock	100	143	Sale	152	155	152¼	154	152¼ May 8	155 May 3	142½ Jan 2	155 Apr 22
12,600	58,300	Desilu Productions Inc	1	7⅝	Sale	7⅜	Sale	6⅞	Sale	6⅞ May 31	7½ May 1	6⅞ May 31	8¼ Feb 20
39,900	99,700	Detroit Gasket & Mfg Co	1	8½	Sale	12¾	Sale	14⅜	Sale	12⅛ May 6	15⅞ May 27	8½ Jan 2	15⅞ May 27
31,100	155,900	Detroit Industrial Prod	1	5½	Sale	5¼	Sale	5	Sale	5 May 29	5⅞ May 2	5 May 29	7⅜ Jan 16
17,200	82,500	Devoe & Raynolds Co Inc	1	24¼	Sale	28¼	Sale	28	Sale	26⅝ May 17	28¼ May 1	24⅛ Jan 3	28⅜ Apr 29
15,600	209,100	Devon-Palmer Oils Ltd	25c	⅛	¾	⅛	Sale	⅝	Sale	⅝ May 29	¾ May 15	⅝ May 29	⅞ Jan 23
34,200	249,800	Dialight Corp	1	10⅞	Sale	14⅛	Sale	14½	Sale	14 May 6	14¾ May 24	10½ Jan 8	14¾ May 24
5,800	25,100	Dielectric Products Engineering Co Inc	1	2½	2⅞	2½	Sale	2½	Sale	2⅛ May 2	2⅝ May 13	2⅛ May 2	3½ Jan 24
6,700	107,800	Dilbert's Quality Supermar'ts Inc com	10c	¾	⅞	½	Sale	⅝	Sale	½ May 1	⅝ May 29	½ Mar 25	1½ Jan 10
2,900	24,200	7% 1st preferred	10	1	Sale	¾	1⅛	1⅛	¾	⅝ May 16	1⅛ May 7	⅝ Apr 2	1½ Jan 11
		Distillers Co Ltd—											
100	6,200	Am dep rcts ord reg	10s	4½	4⅝	4 5/16	4 7/16	4⅜	4½	4⅜ May 3	4⅜ May 3	4 1/16 Jan 30	4⅝ Feb 13
3,200	11,200	Diversey (The) Corp	1	10¼	Sale	10¼	10½	10¼	10⅝	10 May 16	10⅜ May 8	10 May 16	11¾ Feb 12
22,700	76,100	Dixilyn Corp class A	4	2¼	Sale	2¼	Sale	2	2⅛	2 May 10	2⅜ May 1	1¾ Apr 11	2½ Apr 22
1,300	109,800	Common	10c	--	--	2¼	Sale	2½	2⅝	2¼ May 1	2⅝ May 10	2⅛ Jan 4	2⅞ Feb 14
38,200	162,500	Dome Petroleum Ltd	2.50	12	Sale	13⅜	Sale	12⅝	Sale	12½ May 9	13⅝ May 14	11½ Feb 25	13⅞ Apr 18
1,400	4,900	Dominion Bridge Co	*	17½	18½	21¼	Sale	20	Sale	18⅞ May 21	21⅝ May 6	17⅛ Jan 3	21⅝ May 6
4,600	40,300	Dominion Steel & Coal ord	*	9⅛	9⅜	13¾	14	13	13⅛	12⅞ May 24	13¾ May 3	9⅜ Jan 7	14¼ Apr 23
14,400	66,300	Dominion Tar & Chem Ltd	*	16¼	Sale	17⅞	Sale	17⅜	17½	17½ May 29	18½ May 10	16¼ Jan 2	18½ May 10
300	2,000	Dominion Textile Co Ltd	*	15¼	16	18¼	19¼	17½	19½	18½ May 28	19 May 24	16 Jan 7	19 May 24
31,500	126,600	Dorr-Oliver Inc com	7.50	12¼	Sale	12¾	Sale	12½	Sale	12⅜ May 27	13¼ May 17	12¼ Jan 2	13⅞ Feb 1
875	3,725	$2 preferred	32.50	34½	35¼	35¼	36¼	36⅜	36½	35¼ May 13	36½ May 28	35¼ Jan 4	41 Jan 29
30,200	86,200	Dorsey (The) Corp	1	7⅜	7⅝	7¾	Sale	8¼	Sale	7½ May 1	8½ May 3	7⅜ Jan 3	9 Feb 13
19,000	135,800	Draper Corp	*	38¼	Sale	37	Sale	36½	Sale	35⅛ May 20	37¾ May 1	34½ Apr 2	40½ Feb 7
85,200	448,100	Drilling & Exploration Co	1	17½	Sale	16⅝	Sale	16⅞	Sale	16⅝ May 1	17 May 16	15¾ Feb 19	18⅝ Jan 9
17,200	20,000	Driver Harris Co	5	14⅜	15	15¾	Sale	20⅝	Sale	15⅜ May 2	25⅝ May 24	14⅝ Jan 8	25⅝ May 24
7,600	40,200	Drug Fair-Community Drug	1	6	Sale	5⅞	Sale	6	Sale	5⅞ May 1	6¾ May 14	5½ Mar 26	7 Jan 14
		Dunlop Rubber Co Ltd—											
1,400	8,800	Amer dep rcts ord reg	10s	4	Sale	4½	4⅝	4 1/16	4¾	4 1/16 May 27	4¾ May 3	4 Jan 2	4 11/16 Feb 28
4,200	16,800	Duraloy (The) Company	1	3	Sale	2¾	Sale	2⅝	2⅞	2⅜ May 20	2¾ May 1	2⅜ May 20	3½ Feb 19
18,200	78,800	Duro Test Corp	15c	7⅜	Sale	6⅝	Sale	6⅞	Sale	6½ May 2	6⅞ May 3	6⅜ Mar 7	7½ Jan 3
4,900	27,700	Du Val Corp	*	--	--	34⅞	Sale	36½	Sale	34½ May 6	36½ May 17	31⅞ Jan 18	36½ May 17
26,100	201,400	Dynalectron Corp	10c	2¼	Sale	2½	Sale	2⅜	Sale	2¼ May 3	2½ May 1	2⅛ Jan 2	3⅛ Feb 1
2,700	11,400	Eastern Air Devices	1	2⅜	Sale	1¾	Sale	2	2⅛	1⅝ May 1	2⅛ May 29	1⅝ May 1	3⅛ Feb 11
5,800	22,700	Eastern Can Co class A	1	7¼	7¾	7⅞	Sale	8	8⅜	7⅜ May 1	8⅝ May 16	7⅛ Mar 19	9 Jan 21
5,680	8,430	Eastern Company	25	41¾	Sale	39	40	46½	Sale	38 May 8	51 May 21	38 May 8	51 May 21
20,200	65,500	Eastern Freight Ways	20c	4⅜	Sale	4¼	Sale	4⅝	Sale	4 May 17	4¾ May 3	4 Mar 22	5½ Jan 10
8,900	53,100	Eastern States Corp com	1	19¼	Sale	28⅞	Sale	31¼	31¾	28⅜ May 9	31½ May 29	19¼ Jan 2	31½ May 29
120	690	$7 preferred series A	*	178¼	190	182	185	184⅛	187¾	182 May 7	185 May 23	175¼ Mar 6	185 May 23
20	160	$6 preferred series B	*	163½	167¾	168¼	172	172	175¾	169 May 10	171¾ May 22	165 Jan 11	171¾ May 22
42,000	145,100	Edo Corporation	1	10	Sale	12⅜	Sale	15⅛	Sale	11⅝ May 7	15⅜ May 31	10 Jan 2	15⅜ May 31
37,300	138,200	Elder-Peel Ltd	1	⅛	Sale	⅛	Sale	1	Sale	⅛ May 1	1⅛ May 23	⅛ Apr 29	1⅛ Feb 7
5,600	15,000	Electro-Voice Inc	2	5	5½	5⅛	Sale	5⅝	Sale	5⅛ May 1	6¼ May 8	5 Apr 15	6⅜ Jan 11
3,300	17,500	Electrographic Corp com	1	15	Sale	16¾	Sale	16½	Sale	16⅛ May 8	16¾ May 1	15 Jan 2	17¼ Apr 3
54,200	225,200	Electronic Assistance	10c	4¼	Sale	5⅛	Sale	5½	Sale	4⅝ May 3	5¾ May 29	3⅞ Mar 22	5¾ May 29
10,200	95,300	Electronic Communications	1	12⅝	Sale	13⅛	Sale	11¾	Sale	11½ May 28	13⅛ May 1	10½ Apr 15	14⅞ Jan 30
		Electronic Research Assoc—											
11,700	36,300	Class A	10c	4⅝	Sale	5¼	Sale	5¾	Sale	4⅝ May 7	6⅛ May 28	4⅝ Jan 2	6½ Feb 6
71,600	228,300	Electronic Specialty Co	50c	24⅜	Sale	22⅞	Sale	24⅛	Sale	22⅝ May 7	24½ May 15	20⅝ Mar 27	25⅛ Jan 4

For footnotes, see page 96.

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Aggregate Sales in May Shares	Since Jan. 1 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
		Electronic & Missile—											
13,700	60,500	Facilities	25c	4⅝	4⅞	4⅝	Sale	4	Sale	3¼ May 21	4⅞ May 9	3¼ May 21	6¼ Feb 21
8,100	41,700	Electronics Corp of Amer	1	5⅜	Sale	5⅛	Sale	5	5¼	4⅞ May 13	5⅛ May 1	4⅝ Mar 6	5⅞ Apr 2
8,700	50,900	El-Tronics Inc	*	1⅞	Sale	2⅛	2¼	1⅞	Sale	1⅞ May 29	2⅜ May 8	1⅞ Jan 2	3⅛ Jan 14
3,800	19,700	Emenee Corporation	1	4⅞	Sale	4⅛	4⅜	3⅞	Sale	3¾ May 13	4⅛ May 2	3¾ May 13	5½ Jan 4
50	510	Empire Dist Elec 5% pfd	100	102	105	104	105	102½	103½	103 May 10	104 May 3	98 Jan 9	105 Feb 7
89,600	355,700	Equity Corp common	10c	3¼	Sale	3¼	Sale	3½	Sale	3⅛ May 1	3½ May 21	3 Mar 6	3½ Jan 7
650	5,100	$2 conv preferred	1	44	44¾	47½	48¼	48⅝	Sale	47 May 9	48⅝ May 31	44¾ Jan 3	48⅝ May 31
21,200	78,900	Erie Forge & Steel Corp	1	2⅛	Sale	1⅞	Sale	2	Sale	1¾ May 3	2 May 2	1¾ Apr 3	2⅜ Jan 3
1,300	8,400	6% conv 1st preferred	10	5⅛	5⅝	4¾	5	4⅞	5¼	4¾ May 2	5¼ May 22	4⅝ Mar 27	5⅞ Jan 10
5,800	17,800	Ero Manufacturing Co	1	4⅜	Sale	4⅛	Sale	4¼	4½	4⅛ May 1	4½ May 23	4⅛ Jan 4	4⅞ Jan 14
3,000	31,400	ERT Corp	1	4⅜	Sale	4	4⅛	4	4⅛	4 May 3	4¼ May 10	3⅞ Mar 7	4¾ Jan 7
4,000	14,000	Espey Mfg & Electronics	1	7⅛	7½	7⅛	Sale	6¾	7¼	6½ May 17	8 May 7	6½ Apr 18	9½ Jan 28
5,900	44,500	Esquire Inc	1	6¾	Sale	10¾	Sale	8¾	Sale	8 May 29	11⅛ May 2	6¾ Jan 2	11¾ Mar 22
7,000	17,600	Esquire Rad & Electron	10c	2⅛	2⅜	2⅜	Sale	3⅛	Sale	2⅜ May 1	3¼ May 23	2⅛ Feb 6	3¼ May 23
256,600	361,000	Essex Chemical Corp	*	3⅞	Sale	4	Sale	6⅜	Sale	3⅝ May 14	7¼ May 20	3½ Apr 15	7¼ May 20
7,300	27,600	Evans Rule Co	1	6⅛	6½	6½	6¾	6	6¼	6 May 21	6⅝ May 6	6 May 20	7⅞ Feb 18
50,300	249,500	Exquisite Form Indus	10c	3⅝	Sale	4⅜	Sale	3⅞	Sale	3⅞ May 10	4⅜ May 1	3⅛ Jan 11	5⅛ Feb 13
3,100	46,100	Fairmont Chemical Co	1	3½	3¾	3⅞	4	3¾	4	3¾ May 7	4 May 2	3¾ Jan 3	5⅝ Jan 21
8,500	46,200	Falcon Seaboard Drilling	1½	4⅜	4⅝	5⅛	Sale	6⅝	6⅞	5⅛ May 1	6⅝ May 29	4½ Jan 15	6⅞ Feb 14
18,700	97,400	Famous Artists Schools	2c	11¾	Sale	12	Sale	12	Sale	11⅝ May 29	13⅜ May 15	11⅛ Jan 8	14¾ Feb 4
11,000	43,900	Fanny Farmer Candy Shops	1	26¼	Sale	24½	Sale	24¼	Sale	24⅛ May 28	25¾ May 15	22⅛ Feb 25	26¼ Jan 2
56,200	168,900	Faraday Uran Mines Ltd	1	1⅝	Sale	1 9/16	Sale	1⅜	Sale	1¼ May 24	1 9/16 May 1	1¼ May 24	1⅝ Jan 2
86,200	408,500	Fargo Oils Ltd	1	2½	Sale	2¼	Sale	2 3/16	Sale	2 1/16 May 23	2½ May 1	2 1/16 Mar 19	2 11/16 Jan 8
5,000	23,600	Federated Purchaser A	10c	7	Sale	5⅛	5⅜	5¾	Sale	5⅛ May 2	5¾ May 31	5 Apr 16	8¼ Jan 10
69,200	353,800	Felmont Petroleum Corp	1	5¼	Sale	7⅛	Sale	7¾	Sale	7 May 1	7¾ May 13	5¼ Jan 2	7¾ Mar 11
8,500	32,800	Fields Plastics & Chem	1	7½	7¾	7¾	8	7½	Sale	6⅝ May 29	7⅞ May 2	6⅝ May 29	8⅞ Apr 18
18,800	65,800	Filmways Inc	25c	5	Sale	6½	Sale	6½	Sale	6 May 16	6⅝ May 1	4¾ Jan 4	7 Apr 3
24,900	130,700	Financial General Corp	10c	14¾	Sale	17½	Sale	16⅞	Sale	16⅛ May 13	18 May 1	14½ Jan 2	18 Feb 13
5,400	32,300	First National Realty & Construction com	10c	3	3¼	3¼	Sale	3	Sale	3 May 7	3¼ May 1	3 Jan 3	3⅞ Apr 22
2,000	10,400	60c conv preferred	8	10	10½	10¼	11	10¾	11⅛	10 May 15	11 May 2	9¾ Mar 28	12⅛ Apr 19
13,900	52,900	Warrants		1	1¼	1	Sale	1¼	Sale	1 May 1	1¼ May 27	1 Feb 26	1⅜ Feb 5
44,200	317,000	Firth Sterling Inc	2.50	5⅝	Sale	6	Sale	6⅛	Sale	5⅝ May 7	6⅜ May 31	5⅝ Jan 2	7⅜ Feb 6
12,700	54,200	Fisher & Porter Co	1	14⅞	Sale	14¼	Sale	14⅛	Sale	13⅝ May 3	14⅞ May 10	13½ Mar 13	16½ Jan 15
1,800	8,100	Fishman (M H) Co Inc	1	12⅜	Sale	10⅜	Sale	9⅝	10	9⅝ May 16	10⅝ May 6	9⅝ May 16	12¾ Jan 14
31,800	66,300	Florida Capital Corp	1	--	--	4⅛	Sale	3⅞	Sale	3⅝ May 23	4⅛ May 1	3⅝ May 23	4⅜ Apr 9
42,800	280,300	Flying Tiger Lines Inc	1	14⅝	Sale	12½	Sale	13¼	Sale	11⅝ May 3	13⅜ May 31	11⅛ Apr 16	16¼ Feb 13
680	8,190	Ford Motor of Canada	*	162	Sale	176¾	Sale	176	Sale	175 May 9	179 May 1	159 Feb 4	180 Jan 18
7,600	30,500	Forest City Enterprises	1	5¼	Sale	5⅝	Sale	5¾	Sale	5⅝ May 1	5⅞ May 1	5¼ Jan 2	6½ Feb 27
84,500	238,100	Fotochrome Inc	1	2⅜	2⅝	3⅛	Sale	4½	Sale	3 May 9	4¾ May 23	1⅞ Mar 28	4¾ May 23
11,200	39,600	Fresnillo (The) Company	1	4⅞	Sale	5½	Sale	5⅞	Sale	5⅜ May 2	6⅛ May 22	4⅞ Jan 2	6⅛ May 22
17,400	60,200	Friendly Frost Inc	10c	3⅛	Sale	2⅞	3⅛	2⅞	Sale	2¼ May 14	3⅛ May 22	2¼ May 14	3¾ Mar 11
5,100	27,300	Fuller (Geo A) Co	5	31½	Sale	35½	Sale	32¼	32½	32½ May 22	35½ May 1	30½ Mar 15	36½ Apr 25
69,200	101,400	Garan Inc	1	10½	11	14⅜	Sale	18¼	Sale	14⅛ May 1	18⅜ May 23	10½ Jan 3	18⅜ May 23
500	25,100	Gatineau Power Co com	*	31⅛	Sale	32¼	32⅞	31⅝	32⅜	32 May 29	32⅜ May 2	30⅝ Jan 3	32⅜ Apr 24
----	20	5% preferred	100	90	94	90	93	90	95¾	-- ------	-- ------	91¼ Jan 7	91¾ Apr 5
4,500	25,900	Genl Acceptance warrants		6½	7	6½	Sale	5⅞	6⅛	5¾ May 8	6½ May 1	5¾ May 8	7¾ Jan 15
8,400	22,900	General Alloys Co	1	2	Sale	1⅞	Sale	2	Sale	1¾ May 2	2⅜ May 13	1⅝ Apr 3	2⅜ May 13
67,800	219,800	Gen Battery & Ceramic	1	8½	Sale	7⅝	Sale	9¼	Sale	7⅜ May 1	9¼ May 31	7⅜ Apr 30	9¾ Jan 10
5,400	66,500	General Builders Corp	1	3	Sale	2¾	Sale	2⅞	3	2¾ May 1	3⅛ May 2	2⅝ Feb 13	3½ Mar 21
133,600	608,700	General Development Corp	1	5¾	Sale	5⅝	Sale	6⅜	Sale	5⅝ May 1	7 May 14	5⅛ Apr 3	7⅞ Jan 14
600	1,800	Genl Elec Co of Gt Britain Amer dep rcts ord reg	£1	5⅜	5⅞	6⅜	6½	6 13/16	7	6 3/16 May 8	6⅝ May 27	5¼ Jan 16	6⅝ May 27
6,300	50,700	General Fireproofing	5	29⅛	Sale	26	Sale	26¼	Sale	25⅞ May 6	27½ May 22	25½ Apr 26	34½ Feb 27
11,900	49,700	General Foam Corp	1	8½	Sale	9¼	Sale	8⅝	Sale	8¼ May 10	9⅜ May 15	8 Mar 1	10⅛ Jan 24
25,800	240,400	General Gas Corp	2.50	12¾	Sale	15	Sale	15	Sale	14¾ May 8	15¼ May 17	12¾ Jan 2	15⅜ Feb 27
105,500	1,228,300	General Plywood Co	50c	19⅜	Sale	15⅜	Sale	15½	Sale	15¼ May 28	17⅝ May 9	14¾ Apr 16	24¾ Feb 15
19,300	92,700	General Stores Corp	1	1 1/16	1	1⅛	Sale	1	1¼	1 May 13	1¼ May 8	1/16 Jan 4	1⅜ Jan 16
7,900	29,500	Genung's Incorporated	1	12⅜	Sale	12½	Sale	12	Sale	12 May 31	12¾ May 6	11½ Jan 15	12¾ Apr 16
10	250	Georgia Power $5 pfd	*	102	105	107	109	103	108	105 May 22	105 May 22	102 Jan 11	109 Feb 11
725	3,600	$4.60 preferred	*	98	99¾	100½	Sale	100⅝	101¼	99½ May 6	101½ May 28	98¼ Jan 16	101¾ Feb 8
53,600	237,100	Giannini Controls	50c	15	Sale	12	Sale	13½	Sale	11⅞ May 7	14⅛ May 9	11 Apr 24	16½ Jan 14
6,100	26,700	Giant Food Inc class A	1	12⅝	Sale	11½	12	11¼	Sale	11⅛ May 21	11⅞ May 2	10¼ Apr 19	13⅝ Feb 6
73,700	467,500	Giant Yellowknife Mines	1	10¼	Sale	10⅝	Sale	10⅞	Sale	10⅝ May 1	11½ May 23	10 Jan 11	12⅛ Feb 15
13,200	26,300	Gilbert (A C) Co	*	15	15⅞	17⅝	Sale	21⅝	Sale	17⅝ May 1	21⅝ May 31	13¾ Jan 18	21⅝ May 31
1,700	11,600	Gilchrist Co	*	20¾	Sale	13⅛	13⅝	14¾	15	13½ May 6	15 May 16	11¾ Apr 11	22⅛ Jan 3
35,300	302,900	Glass-Tite Industries	4c	4⅛	Sale	4¾	Sale	4⅝	Sale	4⅛ May 15	4⅞ May 7	3½ Feb 1	5¼ Apr 16
6,100	71,900	Glenmore Distilleries cl B	1	16	16⅝	16⅝	17	17¾	Sale	16½ May 8	18 May 20	16¼ Apr 10	23 Jan 25
24,100	51,400	Globe Security Systems	*	13⅛	14	13¼	13½	14⅜	Sale	13¼ May 2	15 May 22	12½ Apr 23	16¼ Jan 24
9,800	48,000	Gloray Knitting Mills Inc	1	10½	11	14¾	Sale	16¼	Sale	14¾ May 1	16¼ May 29	11 Jan 3	16¼ May 29
6,000	43,500	Gluckin (Wm) Co Ltd	£1	10	Sale	10½	Sale	10⅝	Sale	10⅛ May 22	10⅞ May 29	9¼ Jan 8	11⅜ Apr 15
183,400	515,900	Goldfield Corp	1	--	--	1⅜	Sale	1¾	Sale	1¼ May 1	1¾ May 31	1⅛ Jan 2	1¾ May 31
3,800	36,000	Goodman Mfg Co	16⅔	26½	Sale	26½	27	26	26½	25⅛ May 13	27½ May 16	25 Apr 8	33¼ Feb 8
17,200	63,200	Goodway Printing Co Inc	*	5⅝	Sale	4¼	Sale	5¼	Sale	4¼ May 1	6 May 20	3⅞ Apr 4	7 Jan 8
2,900	15,800	Gordon Jewelry class A	1	9¼	9½	9⅛	Sale	9¼	9½	9⅛ May 1	9⅜ May 3	9⅛ Mar 15	9¾ Jan 14
17,600	54,100	Gorham Corporation	4	21	Sale	22⅝	Sale	24⅛	Sale	22 May 2	25⅜ May 7	21 Jan 2	26¼ Feb 15
26,800	69,800	Gray Manufacturing Co	5	3⅜	3¾	5⅝	Sale	6¼	Sale	5⅝ May 1	7 May 22	3¾ Jan 3	7 May 22
137,000	471,700	Great Amer Industries	10c	1¼	Sale	1½	Sale	1⅜	Sale	1⅛ May 14	1½ May 1	1 Mar 19	1⅝ Jan 8
781,500	1,298,200	Great Basins Petrol Co	20c	3½	Sale	2⅞	Sale	4⅝	Sale	2¾ May 1	5¼ May 24	2¾ Apr 9	5¼ May 24
3,400	14,100	Great Lakes Bowling Corp	1	5	5½	4⅞	Sale	5	5⅛	4½ May 6	5⅛ May 23	4½ May 6	5⅝ Jan 8
61,300	327,000	Great Lakes Chemical	1	2⅛	Sale	2½	Sale	2¼	Sale	2¼ May 31	2⅝ May 2	2⅛ Jan 2	3⅜ Jan 10
9,500	39,600	Great Western Producers	60c	6⅛	Sale	7	Sale	7	7⅛	6¾ May 3	7 May 1	6 Mar 4	7¾ Jan 31
550	2,200	6% pfd series A	30	23½	25	25¼	26	24½	25	24¾ May 9	25¼ May 7	24½ Jan 14	26 Feb 21
8,600	54,300	Greer Hydraulics Inc	50c	2¾	Sale	2	2¼	2¼	Sale	2⅛ May 3	2⅜ May 13	2 Apr 8	3¼ Jan 28
600	3,200	Griesedieck Company	1	12⅜	12⅝	13½	14	13½	13⅞	13½ May 2	13⅞ May 13	12⅜ Jan 8	14½ Feb 11
800	1,900	Grocery Store Products	5	34¼	36	37½	39	34¼	35	35¾ May 23	39 May 3	34¼ Jan 4	39 May 3
45,700	93,300	Grow (The) Corp	10c	2¼	Sale	2	2⅛	2⅝	Sale	1⅞ May 3	2¾ May 21	1⅞ May 3	2¾ Jan 4
2,000	23,300	Guardsman Chemical Coatings Inc	1	9¾	10¼	11⅛	Sale	11⅝	Sale	11⅛ May 1	12 May 23	10¼ Jan 3	14½ Mar 14
13,600	74,800	Guerdon Industries	*	3½	Sale	5½	Sale	6½	Sale	5½ May 1	6⅞ May 28	3½ Jan 2	6⅞ May 28
100,400	746,500	Gulf American Land Corp	1	6	Sale	4¾	Sale	5⅛	Sale	4¾ May 1	5⅝ May 14	4¾ Apr 29	6⅝ Jan 7
8,200	37,200	Gulf Sts Land & Indus	50c	14¾	Sale	15⅝	16⅝	15	Sale	14 May 24	18½ May 20	14 May 24	20⅛ Jan 16
22,300	99,400	Gulf & Western Indus	1	26½	Sale	33⅛	Sale	29⅝	Sale	29 May 29	33½ May 14	26½ Jan 2	35¼ Apr 22
26,100	77,900	Gulton Industries Inc	1	33¼	Sale	31¾	Sale	32½	Sale	30¼ May 21	32¾ May 15	30¼ Apr 15	36⅞ Jan 29
125,200	240,500	H & B Corporation	10c	2⅜	Sale	2	Sale	2⅞	Sale	2 May 1	3⅜ May 21	2 Feb 27	3⅜ May 21
9,100	39,900	Hall (C M) Lamp Co	2	4	Sale	4¾	Sale	3⅝	Sale	3⅜ May 29	4¾ May 1	3⅜ May 29	5⅞ Feb 13
30,400	181,900	Hardeman (Paul) Inc	25c	16⅛	Sale	13	Sale	12⅞	Sale	12 May 6	13¼ May 9	12 May 6	17¼ Jan 10
35,600	94,200	Harn (The) Corp	1	7	Sale	7½	Sale	8⅝	Sale	7¼ May 8	9 May 28	7 Jan 2	9 May 28
5,200	24,700	Harnischfeger Corp	10	16⅝	Sale	17¾	Sale	17	Sale	16½ May 8	18¼ May 13	16 Mar 7	18⅞ Apr 11
16,100	57,500	Hartfield Stores Inc	1	6¼	Sale	6¼	Sale	6⅞	Sale	6 May 6	6⅞ May 24	6 Apr 15	8⅛ Jan 31
7,100	27,300	Hartford Electric Lgt new	25	40½	Sale	41⅞	Sale	43¾	Sale	41⅞ May 1	44¼ May 8	40½ Jan 2	44¼ May 8
2,200	31,300	Harvard Industries Inc	1	2½	Sale	2	Sale	1⅞	Sale	1⅞ May 31	2 May 1	1⅞ Apr 9	2⅞ Jan 9
18,000	44,800	Harvey Radio Co Inc	1	3⅝	Sale	3¾	Sale	4⅜	Sale	3¾ May 1	4⅞ May 22	3⅜ Jan 3	4⅞ May 22
4,700	21,500	Harvey's Stores class A	1	4½	Sale	4¼	Sale	4¼	Sale	4 May 27	4⅝ May 14	4 Feb 26	5¼ Jan 9
12,500	55,400	Hastings Mfg Co	2	7½	Sale	7	Sale	7¼	Sale	7 May 1	7⅝ May 10	6¾ Mar 15	8¼ Feb 1
47,100	296,100	Hazel Bishop	10c	5⅛	Sale	4¼	Sale	4⅛	Sale	3⅞ May 16	4¾ May 21	3⅞ May 16	6 Jan 3
8,700	47,400	Hebrew National Kosher Foods	50c	5⅛	Sale	5⅝	Sale	5	Sale	5 May 21	5⅝ May 1	5 Mar 13	6⅜ Jan 14
52,000	176,500	Hecla Mining Co	25c	13⅜	Sale	15	Sale	17⅜	Sale	14⅞ May 7	17¾ May 22	13⅜ Jan 2	17¾ May 22
27,000	95,500	Heinicke Instrument	16⅔c	9⅜	Sale	7	Sale	7½	Sale	6⅛ May 7	8 May 24	6⅛ May 7	9⅝ Jan 7
9,200	40,000	Helena Rubinstein Inc	*	28	Sale	33¾	Sale	36½	Sale	32⅝ May 28	38¾ May 6	27⅞ Jan 4	38¾ May 6
45,400	168,400	Heli-Coil Corp	*	26⅛	Sale	27	Sale	32⅞	Sale	26⅝ May 1	32⅞ May 31	26⅛ Jan 2	32⅞ May 31
		Heller (W E) & Co—											
160	450	5½% preferred	100	103	105	102⅞	105	104½	106½	102½ May 7	104½ May 15	102 Jan 17	107 Jan 10
290	340	4% preferred	100	79	80	85	Sale	84	Sale	80 May 3	85 May 1	76 Jan 14	85 May 1

For footnotes, see page 96.

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Aggregate Sales in May Shares	Since Jan. 1 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
9,800	38,100	Henderson's Portion Pak	1	14¾	Sale	14¼	14⅜	14½	Sale	13½ May 20	14⅞ May 3	13 Feb 26	15½ Jan 18
21,300	115,200	Hercules Galion Prod	10c	4	Sale	4½	Sale	4¼	Sale	4 May 20	4¾ May 2	3¾ Jan 28	5 Apr 25
5,300	15,600	Higbie Mfg Co	1	13½	14	16⅝	Sale	17⅝	Sale	16⅜ May 1	17⅝ May 29	13¾ Jan 11	17⅝ May 29
		Highway Trailer Indus—											
9,300	83,800	Common	1.25	7	Sale	7⅝	Sale	7	Sale	7 May 23	8 May 6	6⅞ Jan 7	9⅝ Feb 13
2,900	24,800	5% conv preferred	10	5⅜	5¾	5¾	6⅛	5¼	5⅝	5⅜ May 24	6⅛ May 3	5⅜ May 24	7⅝ Feb 13
6,100	15,900	Hill's Supermarkets Inc	50c	13	Sale	14⅞	Sale	15½	Sale	14⅞ May 1	18 May 7	13 Jan 2	18 May 7
16,900	95,000	Hilton Hotels Corp warrants		6⅞	Sale	6½	Sale	6⅛	Sale	6 May 24	6½ May 1	6 May 24	7⅞ Jan 4
7,900	34,800	Hoe (R) Co Inc common	1	1¾	Sale	1¾	Sale	1⅞	2	1⅝ May 3	2⅛ May 22	1⅝ Jan 3	2⅝ Jan 17
14,300	44,700	Class A	2.50	7	Sale	7¼	Sale	7⅜	Sale	7⅛ May 1	8⅛ May 22	7 Jan 2	9¼ Jan 17
31,600	148,800	Hoffman International	1	3¾	4	2⅜	Sale	1⅝	Sale	1 May 16	2⅜ May 1	1 May 16	4⅜ Jan 14
6,500	32,100	Hofmann Industries Inc	25c	⅝	Sale	1/16	Sale	⅝	Sale	⅝ May 16	¾ May 1	1/16 Mar 22	1/8 Jan 21
8,800	50,300	Hollinger Cons G M	5	19½	Sale	26½	Sale	26⅜	Sale	26¼ May 14	27⅛ May 29	19½ Jan 2	27⅛ May 29
11,600	194,950	Holly Corporation	50c	1⅛	Sale	1⅜	Sale	1¼	Sale	1¼ May 2	1⅜ May 1	1 Feb 4	1⅝ Mar 20
25,400	79,600	Holly Stores Inc	1	5¼	5½	4⅜	Sale	6⅛	Sale	4⅜ May 1	6⅛ May 31	4⅜ Mar 8	6½ Jan 29
4,200	14,000	Holophane Co Inc	*	32½	Sale	35¾	Sale	35½	Sale	35¼ May 9	36 May 2	32½ Jan 2	37½ Feb 27
3,550	26,710	Holyoke Shares Inc	5	28⅝	Sale	30¾	31	31⅛	31½	30⅝ May 6	31⅛ May 22	28½ Jan 3	31½ Apr 5
3,900	21,400	Home Finance Group Inc	1	12⅝	13	13⅜	Sale	13½	Sale	12¾ May 8	14 May 20	12¾ Apr 4	14⅜ Jan 25
19,000	82,800	Home Oil Co Ltd class A	*	10⅞	Sale	12¼	12⅜	12	Sale	11⅝ May 28	13½ May 23	10¾ Jan 3	13½ May 23
14,400	63,200	Class B	*	10¾	11	12¾	Sale	11⅝	Sale	11⅝ May 31	13½ May 22	10¾ Jan 3	13½ May 22
1,500	10,325	Hormel (Geo A) & Co	7.50	28	Sale	31	Sale	30⅝	Sale	30¼ May 2	21½ May 13	28 Jan 2	34¼ Feb 4
500	3,210	Horn & Hardart Baking	*	110	111½	110¾	Sale	112½	Sale	109½ May 2	115 May 27	108½ Apr 25	124 Jan 10
5,500	34,800	Horn & Hardart common	*	19⅞	Sale	20	Sale	19½	Sale	19½ May 13	20 May 1	19½ May 13	23 Jan 10
510	1,170	5% preferred	100	94¾	96	98	100	99	Sale	98 May 6	100 May 10	95¼ Jan 15	100 May 10
1,400	7,850	Hoskins (The) Mfg Co	2.50	27⅜	28	34¾	Sale	33	34	33⅜ May 16	35¼ May 8	28 Jan 4	35¼ May 8
3,300	11,900	Howell Elec Motors Corp	1	4¾	Sale	5½	Sale	5¼	5⅝	5⅜ May 2	6⅝ May 13	4⅝ Jan 2	6⅝ May 13
		Hubbell (Harvey) Inc—											
2,300	17,200	Class A common	5	17⅜	17⅞	18¾	19	18⅞	Sale	18⅝ May 6	19¼ May 22	17⅜ Jan 4	20 Apr 16
3,900	22,700	Class B common	5	17¼	17¾	18¾	19	18⅝	Sale	18⅝ May 7	19⅜ May 20	17 Jan 4	20⅞ Apr 8
		Hudson & Manhattan Corp											
5,800	44,500	Class A	10	29¼	Sale	28¾	29¼	--	--	29¼ May 2	30 May 9	26¾ Feb 20	31½ Jan 23
8,400	44,800	Hudson Vitamin Products	1	13½	Sale	12¾	Sale	12⅝	Sale	12⅛ May 20	13¼ May 3	12⅛ Apr 25	14½ Jan 3
22,500	73,700	Hughes and Hatcher Inc	1	--	--	14	Sale	14⅜	Sale	13⅜ May 21	15¼ May 10	12⅜ Jan 2	15¼ May 10
49,100	158,200	Husky Oil Canada Ltd	1	--	--	6	Sale	6½	Sale	6 May 1	6⅞ May 20	6 May 1	6⅞ May 20
117,400	605,800	Hycon Mfg Company	10c	2⅜	Sale	3¼	Sale	3⅜	Sale	3 May 13	3⅝ May 17	2⅜ Jan 2	3¾ Apr 19
9,300	28,200	Hydromatics Inc	1	5⅛	Sale	3¼	Sale	3⅛	Sale	2⅝ May 2	4⅜ May 27	1⅝ Apr 19	5½ Jan 10
26,100	186,100	Hydrometals Inc	2.50	5¼	Sale	5⅝	Sale	5½	Sale	5⅜ May 29	5⅞ May 1	5⅛ Jan 2	7¼ Jan 30
6,500	67,800	Hygrade Food Products	5	15⅞	Sale	21¼	Sale	20¾	Sale	20¼ May 9	21⅜ May 16	15⅞ Jan 2	22⅛ Apr 15
8,200	26,300	IMC Magnetics Corp	33⅓c	4¼	Sale	4⅜	Sale	5½	Sale	4⅜ May 1	5⅝ May 24	4 Mar 28	5⅝ May 24
		Imperial Chem Indus Ltd—											
17,600	161,800	Amer dep rcts ord reg	£1	8 1/16	8 3/16	8⅝	Sale	8⅝	Sale	8 7/16 May 13	8¾ May 2	7½ Jan 28	8 13/16 Apr 19
17,000	93,000	Imperial Oil (Canada)	*	40¾	Sale	39	Sale	40¾	Sale	38¾ May 2	42⅛ May 17	37⅝ Mar 8	42⅛ May 17
14,900	177,800	Imperial Tobacco of Can	5	13⅛	Sale	13¾	Sale	13⅝	14	13¾ May 1	14¾ May 7	12⅝ Apr 5	14¾ May 7
1,000	6,200	Imp Tob of Gt Brit & Ire	£1	7 1/16	8⅛	8⅞	9	8⅞	9¼	8⅞ May 14	8 15/16 May 15	8⅜ Jan 17	9 Feb 25
20,000	94,000	Independent Telephone	1	8⅝	Sale	8⅞	Sale	9	Sale	8¾ May 2	9½ May 15	8⅝ Jan 2	10¾ Feb 18
		Indianapolis Pwr & Light—											
340	1,970	4% preferred	100	88¼	90¼	88¼	Sale	--	--	88¼ May 1	92 May 22	88 Apr 8	92 Mar 12
		Industrial Electronic											
3,200	18,100	Hardware Corp	50c	3	3¼	3⅝	Sale	--	--	3½ May 14	3¾ May 7	3⅛ Jan 7	3⅞ Mar 13
5,800	13,600	Industrial Plywood Co	25c	3¼	3½	3⅛	3⅜	4	Sale	3¼ May 6	4¾ May 24	3¼ Apr 16	4¾ May 24
8,200	49,000	Inland Credit Corp cl A	1	16	Sale	12⅞	Sale	11½	11⅞	10⅜ May 15	12⅞ May 1	10⅜ May 15	17½ Feb 1
3,000	15,600	Inland Homes Corp	1	9½	9⅞	10⅛	Sale	10⅝	11	10⅛ May 1	11¼ May 24	9½ Feb 28	11¼ May 24
32,700	154,600	Insur Co of North Amer	5	94¼	Sale	101¾	Sale	98½	Sale	98¼ May 22	102½ May 1	93¾ Jan 2	102½ May 1
8,000	54,900	International Breweries	1	3⅜	Sale	4	Sale	4⅛	Sale	4 May 1	4⅜ May 8	3⅜ Jan 2	5¼ Feb 4
17,200	35,700	Internat'l Holdings Corp	1	33	Sale	--	--	33¾	34¼	33⅝ May 28	36 May 17	31 Feb 15	36 May 17
23,200	141,000	Internatl Oil & Gas Corp	1	5	Sale	4⅜	4½	4⅜	Sale	4⅛ May 15	4½ May 9	4⅛ May 15	5⅝ Jan 14
10,900	50,500	International Products	5	2⅞	Sale	4¾	Sale	5	5⅛	4⅝ May 7	5⅛ May 22	2⅞ Jan 2	5⅞ Feb 1
42,800	151,300	Internat'l Stretch Prods	1	8⅛	Sale	9¼	Sale	10⅜	Sale	9 May 27	10½ May 31	7⅛ Feb 11	10½ May 31
10,900	38,500	Intex Oil Company	33½c	6	6¼	7¼	Sale	7½	Sale	7 May 14	8 May 3	6 Jan 3	8 May 3
12,300	50,600	Investmt Prop Builders	10c	1¼	Sale	1⅛	Sale	1⅛	Sale	1 May 6	1⅛ May 1	1 May 6	1¾ Jan 18
		Investors Funding Corp											
1,300	11,600	(N Y) class A	5	11⅜	Sale	12	12¼	11½	Sale	11¼ May 15	12 May 3	10¼ Feb 7	15¼ Feb 28
8,800	49,700	Investors Royalty Co	1	3¼	Sale	3½	Sale	3½	Sale	3½ May 1	3⅝ May 3	3¼ Jan 2	3⅝ Mar 19
		Iowa Public Service Co—											
70	330	3.90% preferred	100	82¾	85½	84	86½	85	86	83¾ May 20	84 May 3	83¾ May 20	86½ Jan 22
23,400	151,400	Ipco Hospital Supply Corp	1	9⅞	Sale	12	Sale	12⅝	Sale	11⅛ May 9	13 May 21	9⅝ Jan 7	13¼ Apr 16
22,000	54,900	Irving Air Chute	1	19¼	20½	25½	Sale	27¾	Sale	24⅛ May 10	29⅛ May 31	20½ Jan 7	29⅛ May 31
103,200	2,069,000	Israel-American Oil Corp	10c	3/16	Sale	¼	Sale	5/16	Sale	¼ May 1	5/16 May 1	⅛ Mar 22	⅜ Mar 28
8,400	59,800	Jeannette Glass Co	1	8¼	Sale	11½	Sale	10¼	Sale	10⅛ May 27	12⅝ May 2	8 Jan 2	12⅝ May 2
29,900	202,200	Jefferson Construction	1	3⅝	Sale	5½	Sale	5⅛	Sale	4⅞ May 9	5½ May 1	3⅝ Jan 2	6⅛ Apr 19
9,700	35,500	Jefferson Lake Asbestos	1	10½	Sale	8½	8⅞	7½	Sale	6¾ May 8	8½ May 2	6¾ May 8	10⅞ Jan 9
		Jefferson Lake											
9,300	46,100	Petrochemicals Ltd	1	4½	4⅝	6⅛	Sale	6⅛	Sale	5¾ May 3	6⅜ May 20	4 9/16 Jan 9	6 1/16 Apr 26
6,500	32,600	Series B warrants		1⅞	2⅛	2 1/16	2¾	--	--	2 1/16 May 15	2 1/16 May 13	1 15/16 Jan 10	2 1/16 Apr 23
9,300	56,800	Jetronic Industries Inc	10c	2⅜	2½	2⅛	Sale	2⅜	Sale	2⅛ May 1	2½ May 31	2⅛ Apr 16	3¼ Jan 16
33,700	69,300	John's Bargain Stores	25c	--	--	13¾	Sale	14⅝	Sale	13 May 2	15⅞ May 8	11⅝ Apr 8	15⅞ May 8
14,300	79,900	Jupiter Corp (The)	75c	4¼	Sale	4¼	Sale	4⅜	Sale	4⅛ May 1	4½ May 8	4 Jan 16	5 Mar 25
141,100	755,300	Kaiser Industries Corp	4	6½	Sale	7⅝	Sale	7¾	Sale	7⅛ May 2	8⅜ May 13	6¼ Mar 1	8½ Apr 16
14,900	98,400	Kaltman (D) & Co	50c	1½	Sale	1¾	Sale	1⅝	Sale	1⅝ May 2	1¾ May 1	1½ Jan 2	2⅛ Feb 8
30	240	Kansas G & E 4½% pfd	100	97⅜	--	99	100	--	--	97½ May 6	99 May 2	97½ May 6	100 Apr 2
4,600	62,900	Katz Drug Company	1	11	Sale	13¼	Sale	12½	13	12½ May 15	13¼ May 1	10⅝ Jan 7	15⅝ Mar 12
30,200	194,400	Kaufman & Broad Bldg Co	1	14⅛	Sale	26½	Sale	24¾	Sale	22¾ May 17	26½ May 1	13⅞ Jan 4	27⅞ Apr 8
33,400	131,700	Kavanau Corporation	1	9¼	Sale	5½	Sale	5⅝	Sale	4⅞ May 23	5⅞ May 3	4⅞ May 23	10 Jan 4
25,300	119,000	Kawecki Chemical	25cz	23¾	Sale	26⅛	Sale	24⅞	Sale	24⅝ May 14	26½ May 2	20¾ Feb 19	26½ May 2
3,400	27,400	Kay Jewelry Stores Inc	1	7⅜	Sale	7½	7⅝	--	--	6¼ May 21	7½ May 3	6¼ Mar 29	7⅞ Jan 14
4,500	28,600	Kidde (Walter) & Co	2.50	12¼	Sale	13¼	Sale	13⅛	Sale	12⅜ May 15	14⅛ May 27	12 Jan 3	15 Feb 8
22,800	128,800	Kilembe Copper Cobalt Ltd	1	2⅜	Sale	3¼	Sale	3 1/16	Sale	2¾ May 23	3 1/16 May 6	2⅜ Jan 2	3¼ Apr 22
57,900	123,900	Kin-Ark Oil Company	10c	1⅝	Sale	1⅜	Sale	1½	1⅝	1¼ May 9	1¾ May 23	1⅛ Apr 29	2 Jan 14
79,400	192,200	Kingsford Company	1.25	1⅛	Sale	1¼	Sale	1⅜	Sale	1⅛ May 2	1⅝ May 21	1 Mar 7	1⅝ May 21
17,400	184,400	Kingston Products	1	3	3¼	4⅛	Sale	4⅜	Sale	4⅛ May 1	4¾ May 2	3⅛ Jan 3	5 Apr 17
22,000	47,200	Kinney Service Corp	1	14⅛	Sale	14½	Sale	14⅞	Sale	14⅛ May 28	15⅜ May 20	14 Feb 25	16 Jan 15
38,400	168,700	Kirby Petroleum Co	1	19½	Sale	23⅜	Sale	26⅛	Sale	22¼ May 21	26⅜ May 27	18⅛ Mar 6	26⅜ May 27
15,500	87,600	Kirkeby-Natus Corp	1	15⅜	Sale	18⅞	Sale	19¼	Sale	18⅝ May 1	20⅜ May 15	15⅛ Jan 2	20⅜ May 15
61,900	181,500	Kirkland Minerals Ltd	1	1/16	Sale	¼	Sale	¼	Sale	3/16 May 28	5/16 May 3	3/16 May 28	7/16 Jan 14
3,600	22,700	Kleer-Vu Industries Inc	10c	2½	2¾	3⅛	3¼	--	--	2⅞ May 29	3⅜ May 2	2⅜ Apr 22	3¾ Jan 22
26,000	103,700	Klein (S) Dept Stores Inc	1	13⅛	Sale	13⅜	Sale	13⅞	Sale	12⅝ May 7	13¾ May 24	12⅝ May 7	14⅞ Mar 13
3,000	14,400	Kleinert (I B) Rubber	2.50	12	12⅜	12¾	Sale	11½	Sale	11½ May 31	12¾ May 1	11½ May 31	14 Feb 6
37,000	159,100	Klion (H L) Inc	25c	4½	Sale	4¼	Sale	4⅛	Sale	3⅞ May 20	4⅜ May 1	3⅛ May 20	5½ Feb 8
900	6,300	Knott Hotels Corp	5	17	Sale	17¾	Sale	17¼	17½	17⅜ May 20	18 May 1	15⅝ Mar 28	18 May 1
1,300	7,300	Kostin Corp	7.50	14¾	15	15¾	15⅞	--	--	15½ May 13	16¼ May 23	14¾ Jan 3	16¼ May 23
336,100	1,682,800	Kratter (The) Corp cl A	1	15⅜	Sale	8¾	Sale	8¾	Sale	7⅝ May 1	9⅞ May 16	7⅝ May 1	17⅛ Jan 18
9,400	80,800	Kropp (The) Forge Co	33⅓c	1⅝	1¾	1¾	Sale	1¾	Sale	1⅝ May 7	1⅞ May 8	1⅝ Jan 18	2¾ Feb 21
		Kulka Smith Electronics—											
8,900	36,600	Common	10c	4⅝	Sale	4⅜	4⅝	4⅜	Sale	4⅜ May 2	5⅛ May 10	4⅛ Mar 29	5⅜ Jan 28
9,200	29,800	L'Aiglon Apparel Inc	1	9¾	Sale	9	9⅜	10¾	Sale	9⅜ May 2	11 May 20	9⅛ Apr 25	11 Jan 15
24,300	95,100	Lafayette Rad & Electron	1	9¾	Sale	11¼	Sale	12⅜	Sale	10⅛ May 14	12¾ May 29	9¾ Jan 2	13¼ Feb 12
8,700	40,700	Lake Shore Mines Ltd	1	2⅜	Sale	2⅜	Sale	2¼	Sale	2⅛ May 31	2⅜ May 1	2⅛ May 31	2¾ Jan 29
3,500	14,900	Lakey Foundry Corp	1	1¾	Sale	2⅛	2¼	2	Sale	2 May 31	2¼ May 2	1¾ Jan 2	2½ Jan 15
8,700	32,600	Lamb Industries Inc	3	3⅜	Sale	1⅞	2	2	Sale	2¾ May 3	3¾ May 23	2¾ Apr 25	4¼ Jan 22
6,400	34,300	Lamson Corp of Del	5	11½	Sale	12¾	13	13	Sale	12½ May 21	13⅛ May 8	11¼ Jan 3	14⅜ Feb 14
7,100	24,900	Lamson & Sessions Co	10	14½	14⅞	16⅜	Sale	17⅞	Sale	16⅜ May 1	18¼ May 20	14⅞ Jan 3	18¼ May 20
3,000	19,700	Lanston Industries Inc	5	2¾	Sale	2⅞	Sale	3	Sale	2⅝ May 8	3 May 16	2⅝ Jan 4	3¾ Mar 7
2,600	28,800	Larchfield Corp	1	5	Sale	5¾	Sale	5⅜	5⅝	5⅜ May 29	5⅞ May 2	5 Jan 2	5⅞ Jan 29
23,200	133,900	Lease Plan Interna'l Corp	1	22⅞	Sale	30⅜	Sale	32¾	Sale	30⅜ May 1	36⅛ May 27	22¾ Jan 2	36⅛ May 27
2,800	13,100	Lee Filter Corp	1	2⅞	3⅛	2¾	3	2⅞	Sale	2¾ May 7	2⅞ May 3	2¾ Mar 22	3⅞ Jan 25
3,400	15,800	Lee Motor Products cl A	1	2	2¼	1 7/8	2	2	Sale	1⅞ May 14	2⅛ May 10	1⅞ Apr 30	2⅝ Feb 5
161,600	867,000	Lefcourt Realty Corp	25c	½	Sale	1/16	Sale	½	Sale	⅜ May 16	1/16 May 27	⅜ Jan 14	½ Jan 2
12,900	111,600	Leslie Fay Inc class A	1	9½	Sale	10	Sale	9½	Sale	9½ May 27	10⅜ May 9	9¼ Jan 2	11⅜ Mar 11
1,500	6,800	Levine's Inc	4	10¾	11½	10½	Sale	10¾	11	10⅜ May 7	10⅞ May 15	10¼ Apr 15	12⅛ Feb 1
64,500	176,500	Liberty Fabrics of N Y	1	22½	Sale	16	Sale	13⅞	Sale	13¼ May 14	16½ May 3	13¼ May 14	23⅜ Jan 4
750	2,350	5% preferred	10	7¾	8	7¾	8	8	8⅜	7¾ May 13	8⅜ May 27	7⅝ Mar 13	8⅜ May 27
195,000	195,000	Rights		--	--	--	--	--	--	33/32 May 14	1⅜ May 16	33/32 May 14	1⅜ May 16

For footnotes, see page 96.

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Aggregate Sales in May Shares	Since Jan. 1 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 — Lowest Sale Prices	Highest Sale Prices
22,100	158,800	Lithium Corp of America	1	6⅞	Sale	8⅛	Sale	7¼	Sale	7 May 28	8⅛ May 1	6¾ Jan 2	9¼ Mar 27
184,100	224,700	Livingston Oil Co	10c	8⅞	Sale	9½	Sale	10¼	Sale	9⅛ May 6	10⅞ May 20	8¼ Feb 18	10⅞ May 20
1,700	11,100	Locke Steel Chain	2.50	13¾	Sale	10⅛	Sale	11	Sale	9¾ May 3	11 May 31	9¾ Apr 17	15½ Jan 23
2,600	17,500	Lockwood Kessler & Bartlett class A	25c	3⅝	Sale	3⅝	3⅞	2⅞	Sale	2¾ May 29	3¾ May 7	2¾ May 29	4¼ Jan 17
34,900	107,200	Lodge & Shipley (The) Co	1	1⅛	1¼	1⅛	Sale	1¼	Sale	1⅛ May 1	1⅜ May 23	1 Mar 20	1⅜ Jan 14
2,500	13,400	Longines-Wittnauer Watch	1	9⅛	9½	8¾	9	9⅞	Sale	8⅞ May 14	9⅞ May 31	8¾ Feb 15	9⅞ May 31
4,300	26,300	Louis Sherry Preserves	1	2¾	Sale	2⅞	Sale	2⅞	Sale	2¾ May 1	3 May 16	2⅝ Feb 7	4¼ Mar 12
28,700	71,500	Louisiana Gas Service	10	18	Sale	19⅝	Sale	22½	Sale	19⅛ May 7	22½ May 31	17¾ Jan 2	22½ May 31
35,100	179,100	Louisiana Land & Explor	30c	71¾	Sale	89⅜	Sale	83¼	Sale	83¼ May 31	89⅝ May 1	70½ Jan 2	90 Apr 19
50,300	139,100	Lucky Friday Silver-Lead Mines Company	10c	25¾	Sale	29	Sale	30¼	Sale	28⅛ May 7	32⅜ May 22	25⅝ Jan 2	32⅜ May 22
28,100	72,300	Lundy Electronics & Systems Inc	10c	4⅝	Sale	4⅝	4¾	5	Sale	4½ May 3	5¾ May 7	4¼ Apr 16	5⅞ Feb 8
2,300	11,110	Lunkenheimer (The) Co	2.50	25⅛	25⅝	27¼	Sale	27⅜	Sale	27 May 2	27⅜ May 17	25⅝ Jan 3	29¾ Feb 20
12,700	98,300	Lynch Corp	2	7¾	Sale	8⅜	Sale	8	8¼	8 May 9	8⅝ May 3	7⅝ Jan 2	10 Feb 8
41,200	155,600	MacFadden-Bartell Corp	50c	1¾	Sale	3¾	Sale	4	Sale	3⅜ May 9	4⅜ May 28	1¾ Jan 2	4⅜ May 28
23,500	137,800	Mack Trucks Inc warrants		18	Sale	23⅛	Sale	23¾	Sale	22⅞ May 22	25⅞ May 22	17¼ Mar 6	26¾ Apr 15
6,800	26,400	Macke Vending Co class A	1	23⅛	Sale	23⅛	Sale	23	Sale	22¼ May 9	23⅞ May 22	21 Jan 29	24 Jan 3
244,900	347,900	Mackey Air Lines Inc	33⅓c	⅞	1	2	Sale	2⅞	Sale	1¾ May 2	3½ May 16	⅞ Jan 10	3½ May 16
8,500	61,600	Macoid Industries Inc	*	2¾	3	3¼	Sale	3¼	3½	3¼ May 1	3¾ May 13	2¾ Feb 5	3¾ Apr 26
53,100	478,800	Magellan Petroleum Corp— Voting trust ctfs	1c	1⅜	Sale	1⅛	Sale	1⅛	Sale	1 May 1	1⅛ May 1	1 Mar 14	1⅝ Jan 9
32,800	147,600	Magna Oil Corporation	50c	5¾	Sale	5¼	Sale	4⅝	Sale	4½ May 16	5¼ May 1	5⅛ Apr 9	6⅜ Mar 14
4,300	19,100	Maine Public Service	7	21¾	Sale	21¼	Sale	22	Sale	21¼ May 1	22 May 31	21 Apr 25	22½ Jan 8
38,200	97,000	Majestic Specialties Inc	*	13	Sale	14½	Sale	16½	Sale	14 May 9	18⅝ May 16	12⅛ Mar 14	18⅝ May 16
1,900	16,100	Mallory Randall Corp	10c	4	Sale	4¼	Sale	3⅞	4	4 May 15	4½ May 8	3½ Mar 20	4½ Apr 26
15,900	106,200	Mangel Stores Corp	1	20⅝	Sale	19¼	Sale	18¾	Sale	18⅝ May 16	20 May 1	17 Apr 17	22½ Jan 10
36,600	114,400	Mansfield Tire & Rubber	2½	6⅝	6¾	7	Sale	8½	Sale	7 May 1	8⅝ May 24	6⅝ Jan 4	8⅝ May 24
----	----	Marconi Internat Marine American dep rcts	£1	3¾	4¼	4½	4¾	4⅜	4¾	-- ------	-- ------	-- ------	-- ------
17,600	68,100	Marlene Industries Corp	10c	--	--	6	Sale	6¾	Sale	5⅞ May 2	7 May 7	4⅞ Mar 7	7⅛ Jan 17
20,000	91,700	Martin-Marietta "wts"		28½	29¼	22½	Sale	23	Sale	22½ May 1	26¾ May 9	21½ Apr 30	29⅝ Jan 4
31,100	31,100	Mary Carter Paint Co	1	--	--	--	--	8¾	Sale	7⅜ May 22	10½ May 27	7⅜ May 22	10½ May 27
38,000	38,000	Class A	1	--	--	--	--	7½	Sale	7¼ May 22	8 May 28	7¼ May 22	8 May 28
18,800	83,600	Maryland Cup Corp	1	27¾	Sale	32¾	Sale	--	--	32¾ May 1	35 May 9	27¾ Jan 2	35 May 9
18,700	103,300	Masco Corp	1	28¼	Sale	38⅝	Sale	39⅛	Sale	37⅛ May 8	40½ May 8	27½ Jan 3	40½ May 8
500	‡500	New common wi	1	--	--	--	--	19½	19⅞	19½ May 20	20⅛ May 28	19⅞ May 20	20⅛ May 28
84,400	306,900	Massey-Ferguson Ltd	*	11⅝	Sale	12⅞	Sale	13⅛	Sale	12¾ May 2	13⅜ May 27	11⅜ Feb 13	13⅜ May 27
3,700	39,800	Maule Industries Inc	3	4½	Sale	7	Sale	7	7⅛	7 May 1	7⅛ May 22	4½ Jan 2	7⅛ Apr 29
334,600	992,300	McCrory Corp warrants		4½	Sale	3⅜	Sale	3⅞	Sale	3⅛ May 15	4½ May 28	3 Apr 29	5¼ Feb 6
147,300	448,700	McCulloch Oil Corp	50c	2	Sale	1¾	Sale	1⅞	Sale	1⅝ May 7	2¼ May 17	1⅝ Mar 19	2¼ Jan 25
304,600	1,176,600	Mead Johnson & Co	1	22	Sale	21⅞	Sale	24⅞	Sale	21¾ May 1	26 May 14	17⅞ Feb 18	26 May 14
7,500	19,200	Medco Inc class A	10c	--	--	6¼	Sale	7	Sale	5¾ May 9	7⅝ May 28	5¾ Apr 9	8¼ Apr 15
12,100	74,000	Melnor Industries Inc	1	--	--	11⅝	Sale	10⅜	10⅝	10⅜ May 28	11⅝ May 1	9½ Jan 8	12 Jan 23
81,800	402,200	Menasco Mfg Co	1	4½	Sale	5½	Sale	5½	Sale	4⅜ May 3	5¾ May 9	4⅜ Jan 3	6½ Feb 7
900	8,600	Merchants Refrigerating	1	19½	20½	24	24⅜	24	24¾	24 May 2	24½ May 17	20¼ Jan 14	24⅞ Apr 4
13,200	31,300	Merrill Island Mining Ltd	1	1/16	⅝	½	Sale	1/16	⅝	1/16 May 3	⅝ May 15	½ Jan 10	⅝ Jan 3
800	9,900	Miami Extruders Inc	10c	4½	4⅝	4¾	4⅞	4¾	4⅞	4¾ May 6	4⅞ May 16	4½ Jan 3	5½ Feb 27
12,500	58,900	Michigan Chemical Corp	1	11	Sale	11⅞	Sale	12	Sale	11½ May 24	12½ May 20	11 Jan 2	13⅞ Feb 25
641,400	910,800	Michigan Sugar common	1	2¾	2⅞	5⅝	Sale	6⅞	Sale	4¾ May 2	10½ May 21	2⅝ Jan 28	10½ May 21
61,800	126,800	6% preferred	10	11⅝	Sale	13¾	Sale	14¼	Sale	13⅛ May 6	15¼ May 23	11⅜ Jan 4	15¼ May 23
11,400	34,000	Micromatic Hone Corp	1	7¾	8¼	8⅜	Sale	8⅝	8¾	8⅜ May 1	9¾ May 21	7⅞ Jan 23	9¾ May 21
24,600	172,200	Microwave Associates Inc	1	13¼	Sale	9¾	Sale	11⅜	Sale	9¾ May 1	12¾ May 9	9⅝ Apr 25	15 Jan 24
6,200	33,600	Mid-West Abrasive Co	50c	13	13¼	14¾	Sale	14	Sale	13⅞ May 17	15¼ May 6	13¼ Jan 3	16¼ Apr 18
1,900	6,800	Midwest Investment Co	5	19⅝	20	20¼	20½	20¼	20¾	20⅛ May 9	20¼ May 3	19⅝ Jan 3	20½ Jan 28
51,400	291,200	Midwestern Financial	50c	7⅛	Sale	6⅝	Sale	5¾	Sale	5⅝ May 27	6⅝ May 1	5⅝ May 27	8¼ Jan 4
8,400	33,400	Mill Factors Corp	2.50	15⅞	Sale	15½	Sale	16	Sale	15½ May 1	16⅝ May 17	15⅜ Jan 24	16⅞ Feb 15
6,100	28,900	Miller-Wohl Co common	50c	4	Sale	3⅞	Sale	3⅞	Sale	3¾ May 22	4 May 2	3¾ Mar 11	4⅜ Jan 11
225	1,075	4½% conv preferred	50	31	32	33	33¾	35	35¾	34 May 9	35¼ May 27	31¼ Jan 15	35¼ May 27
7,300	42,100	Milo Electronics Corp	1	7⅝	Sale	7½	Sale	7¼	Sale	6¾ May 2	7½ May 1	7 Mar 27	8½ Jan 14
2,200	12,500	Mining Corp of Canada	*	12⅞	Sale	14⅝	15	15⅛	Sale	15 May 8	15¾ May 13	12⅞ Jan 2	15¾ May 13
400	1,425	Minnesota P&L 5% pfd	100	102	104	105	Sale	103½	105½	105 May 1	107 May 21	102 Jan 10	107 May 21
2,300	8,100	Mirro Aluminum Co	10c	24⅜	24⅝	23¾	Sale	24¼	24½	23¾ May 1	24¼ May 13	22½ Apr 4	24⅝ Jan 3
9,400	49,400	Missouri-Kansas-Texas ctfs		4¼	Sale	5⅞	Sale	6⅛	Sale	5½ May 6	6⅛ May 15	4¼ Jan 2	6⅞ Feb 14
57,300	290,900	Mohawk Airlines Inc	1	4½	Sale	6	Sale	5⅞	Sale	5¾ May 29	6⅝ May 3	4¼ Jan 24	6⅝ May 3
19,000	65,900	Molybdenite Corp of Can	1	7/16	½	7/16	½	½	Sale	7/16 May 2	½ May 24	7/16 Jan 3	11/16 Feb 15
61,100	187,700	Molybdenum Corp of Amer	1	22⅜	Sale	26	Sale	28½	Sale	24½ May 8	29⅜ May 31	22 Jan 2	29⅜ May 31
41,500	594,200	Warrants		9¼	Sale	7¾	Sale	7½	Sale	6½ May 17	8 May 10	4⅛ Feb 21	11⅝ Jan 9
32,300	142,700	Monogram Indus Inc	1	1¾	Sale	1⅜	Sale	1⅝	Sale	1⅜ May 1	1¾ May 3	1⅜ Apr 8	2 Jan 22
670	2,660	Monongahela Power Co— 4.40% cum pfd	100	94	95	96	97	98	99½	95¾ May 9	99 May 29	94 Jan 8	99 Apr 10
260	1,350	4.80% cum pfd ser B	100	102	103	104	105½	104½	Sale	104¼ May 9	106 May 21	101½ Jan 10	106 May 21
70	410	4.50% cum pfd ser C	100	96	97½	100¼	101¼	100¼	101¼	100¼ May 7	100½ May 23	97½ Jan 16	100½ Feb 25
2,190	4,600	Montgomery Ward & Co A	*	155	Sale	158½	159½	162	Sale	159½ May 2	162 May 22	155 Jan 2	164 Mar 14
4,900	22,100	Morse Electro Products	25c	3⅞	4	3	Sale	2¾	Sale	2⅝ May 10	3 May 1	2½ Apr 19	4⅜ Jan 9
45,300	84,900	Mt Clemens Metal Products	1	5⅞	Sale	5½	Sale	7¾	Sale	5¼ May 7	8½ May 16	5⅛ Feb 1	8½ May 16
----	1,400	6% cum preferred	4	3⅞	4	3⅞	4⅛	3⅞	4⅛	-- ------	-- ------	3⅞ Jan 11	4 Apr 11
2,100	8,400	Mount Diablo Company	1	5¾	Sale	6	6⅜	5⅞	6⅛	5⅞ May 21	6⅜ May 6	5⅝ Jan 3	6½ Mar 18
5,500	13,800	Mount Vernon Mills Inc.	2.50	13	Sale	15¼	Sale	16¾	Sale	15 May 2	17⅜ May 20	13 Jan 2	17⅜ May 20
26,800	z118,300	Mountain Sts Tel&Tel	12½	26⅝	Sale	31	Sale	30⅝	Sale	30⅛ May 22	31½ May 9	26¼ Jan 2	31⅞ Apr 19
294,200	294,200	Rights		--	--	--	--	⅝	Sale	13/32 May 23	11/16 May 31	13/32 May 23	11/16 May 31
6,100	14,600	Movielab Inc class A com	1	9¾	Sale	9⅞	Sale	11¾	Sale	9 May 13	11¾ May 31	9 May 13	11¾ May 31
4,000	23,700	Movie Star Inc class A	50c	3½	3¾	3⅞	4	3⅝	3¾	3⅝ May 22	4⅛ May 3	3⅝ Jan 17	4⅜ Apr 2
12,300	45,600	MPO Videotronics class A	1	5¾	Sale	7⅛	7½	8⅜	Sale	7⅛ May 10	8¾ May 24	5¾ Jan 2	9⅛ Feb 4
20,100	164,600	Muntz TV Inc	1	4⅞	Sale	4⅞	Sale	4¾	Sale	4⅝ May 24	5 May 3	4⅝ May 24	6¾ Feb 11
20,400	57,100	Murray Ohio Mfg Co	2.50	26⅛	Sale	33⅝	Sale	37	Sale	33⅝ May 1	37 May 3	26 Jan 2	37 May 3
20,500	120,600	Muskegon Piston Ring	2.50	12⅛	Sale	13½	Sale	13½	Sale	12⅞ May 9	14¼ May 28	12⅛ Jan 2	14¾ Feb 15
600	6,200	Muskogee Co	10	44⅜	44¾	48	48¾	47	48¼	47 May 17	48 May 3	45 Jan 7	49½ Jan 22
10,600	60,600	Muter Company	50c	4	4¼	4½	Sale	4½	Sale	4½ May 1	4⅞ May 16	4 Jan 3	5⅛ Mar 11
4,500	24,300	Nachman Corp	5	4⅞	5⅞	5	Sale	5⅛	Sale	5 May 1	5⅛ May 14	4⅞ Feb 19	5⅝ Jan 10
		Namm-Loeser's Inc name changed to Hughes & Hatcher Inc											
115,200	279,600	Napco Industries Inc	1	6⅝	6¾	7½	Sale	8¼	Sale	7⅜ May 3	9½ May 24	6⅝ Jan 4	9½ May 24
13,400	87,200	Nat Nast Inc class A	25c	5⅜	Sale	1¾	Sale	1⅝	Sale	1½ May 2	1⅞ May 13	1½ Apr 8	5¾ Jan 4
21,000	84,700	Nat Alfalfa Dehydrating & Milling Company	3	9	Sale	10½	Sale	9¾	Sale	9⅜ May 22	10⅞ May 9	7⅝ Feb 13	10⅞ May 9
50,500	186,700	National Bellas Hess	1	7⅜	Sale	6⅞	Sale	7½	Sale	6¾ May 6	8¼ May 23	6¾ Apr 15	8¼ May 23
6,700	61,300	National Bowl-O-Mat Corp	1	1⅜	1⅝	1	Sale	1⅛	Sale	1 May 1	1¼ May 8	1 Feb 21	1⅝ Jan 10
800	4,200	Natl Brewing Co (Mich)	1	4	Sale	4	Sale	3¾	4	4 May 1	4 May 1	4 Jan 2	4 Jan 2
1,700	14,600	National Casket Co	5	22	23	26⅛	Sale	25	26	25¼ May 3	27⅜ May 9	22 Jan 31	28½ Feb 13
7,900	37,300	National Company Inc	1	7	Sale	7⅛	Sale	6⅝	Sale	6½ May 10	7⅛ May 1	6½ Feb 19	8 Apr 4
6,100	15,900	Nat Elec Welding Mach	1	9	9⅜	10½	Sale	12	12½	10½ May 1	12¼ May 24	9¼ Jan 3	12¼ May 24
16,600	89,900	National Equipment Rental	1	11⅜	Sale	10⅛	Sale	12¼	Sale	10 May 1	12½ May 29	10 May 1	14¾ Feb 8
44,400	255,000	National Petroleum Ltd	25c	2 1/16	Sale	1¾	Sale	1⅞	Sale	1 11/16 May 6	1 15/16 May 31	1 11/16 May 6	2¼ Jan 4
7,400	27,400	Nat Presto Industries Inc	2	15⅜	Sale	16⅝	Sale	17	Sale	16⅝ May 1	17⅞ May 8	15⅛ Feb 12	18 Jan 24
13,100	206,000	National Research Corp	1	17⅝	18	22⅝	Sale	--	--	22¼ May 1	23½ May 7	17¾ Jan 23	24¼ Apr 4
28,200	79,900	National Rolling Mills Co	1	5⅝	Sale	8	Sale	12	Sale	7¾ May 1	12¼ May 29	5⅝ Jan 2	12¼ May 29
17,900	‡23,400	National Rubber Mach	5	--	--	21¾	Sale	21⅝	Sale	21½ May 24	25 May 3	21 Apr 29	25 May 3
11,000	71,600	Nat Telefilm Associates	10c	11/16	Sale	11/16	Sale	⅝	Sale	⅝ May 1	¾ May 15	⅝ Mar 1	11/16 Jan 31
1,700	9,000	National Transit Co	1	3⅝	3¾	4⅜	Sale	4¼	4½	4¼ May 16	4⅜ May 1	3¾ Jan 3	4½ Mar 28
13,300	58,800	Natl Union Elec Corp	30c	2⅛	2⅜	2⅛	Sale	2¼	Sale	2 May 8	2¼ May 2	2 May 8	2⅞ Jan 15
59,600	558,300	National Video class A	50c	6¾	Sale	10½	Sale	10¾	Sale	10⅛ May 22	12¼ May 3	6¾ Jan 2	13 Feb 14
5,900	38,600	Nedick's Stores Inc	20c	8⅞	Sale	9⅞	Sale	9¾	Sale	9⅜ May 24	9⅞ May 1	8⅝ Jan 7	10⅞ Apr 22
3,700	27,700	Needham Packing Co Inc	*	8	Sale	5⅞	Sale	5⅝	Sale	5½ May 23	6 May 7	5½ May 23	8⅛ Jan 7
5,100	29,900	Nelly Don Inc	2	10⅞	Sale	13⅜	Sale	13¾	14¼	12¾ May 8	14½ May 17	10⅞ Jan 2	14½ May 17
16,500	54,100	Nestle Le Mur Co	1	12⅜	12¾	13½	Sale	15¼	Sale	13½ May 1	15¼ May 31	10¾ Feb 8	15¼ May 31
58,100	175,000	New Idria Mining & Chemical Co	50c	1/16	Sale	½	Sale	1/16	Sale	½ May 1	11/16 May 24	½ Apr 29	¾ Jan 7
15,700	61,200	New Jersey Zinc	25	31⅛	Sale	30	Sale	30	Sale	29⅝ May 13	30⅝ May 17	28¼ Mar 6	32¼ Apr 9
9,500	68,400	New Mexico & Ariz Land	1	10	Sale	13	Sale	12⅛	Sale	11⅝ May 24	13⅛ May 3	9¾ Mar 20	13½ Apr 2
115,700	456,800	New Park Mining Co	1	2⅜	Sale	1⅞	Sale	2½	Sale	1⅞ May 1	2⅝ May 31	1⅝ Mar 14	2⅝ Jan 7
28,750	37,715	New Process Co	*	38⅞	Sale	38½	Sale	62⅜	Sale	38½ May 1	65⅜ May 23	32½ Jan 14	65⅜ May 23
1,000	5,000	N Y Auction Co	*	33½	34	30½	31	30	Sale	30 May 9	31 May 2	29½ Mar 26	34 Jan 3
22,433	38,943	N Y & Hond Rosario	3.33⅓	36¾	37½	48	Sale	59	Sale	47 May 2	59 May 31	37½ Jan 3	59 May 31

For footnotes, see page 96.

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Aggregate Sales in May Shares	Aggregate Sales Since Jan. 1 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY — May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
61,500	230,500	Noma Corp	1	6⅜	Sale	7½	Sale	8¼	Sale	7½ May 1	8⅞ May 29	5⅜ Jan 25	8⅞ Apr 16
36,200	135,000	Noramco Inc	1.25	2	Sale	2	Sale	2	Sale	1⅞ May 24	2⅛ May 1	1⅞ May 24	3 Feb 7
11,800	77,600	Norfolk Southern Ry Co	1	7½	Sale	8¼	Sale	9⅜	Sale	7⅞ May 8	9⅞ May 24	7½ Jan 2	10¼ Feb 14
2,400	13,900	North Amer Royalties Inc	1	1⅝	1⅞	1¾	Sale	1¾	1⅞	1¾ May 1	1⅞ May 1	1⅝ Jan 8	2 Mar 15
25,500	175,500	North Canadian Oils Ltd	25	1 1/16	Sale	1⅝	Sale	1½	Sale	1½ May 15	1 13/16 May 2	1 1/16 Jan 2	1 13/16 Apr 16
19,900	81,400	Northeast Airlines	1	2¾	Sale	2¾	Sale	2⅝	Sale	2½ May 10	2⅞ May 17	2½ Apr 15	3⅜ Feb 15
750	2,520	North Pennsylvania RR	50	57	58	62	Sale	63¼	64	61½ May 16	64 May 10	57½ Jan 16	64 May 10
940	4,420	North Ind PS 4¼% pfd	100	93½	Sale	94¾	Sale	94½	Sale	94¼ May 3	95½ May 9	92 Jan 11	96 Mar 6
174,000	470,800	Nor Rankin Nickel Mines	1	3/16	¼	¼	Sale	¼	Sale	¼ May 1	5/16 May 9	¼ Jan 4	7/16 Jan 7
16,700	65,100	Novo Industrial Corp	1	5⅞	Sale	8⅛	Sale	9⅛	Sale	8⅛ May 1	9½ May 17	5⅞ Jan 2	9½ May 17
35,100	290,100	Nuclear Corp of Amer	10c	2¼	Sale	2	Sale	1¾	Sale	1¾ May 20	2⅛ May 13	1½ Apr 8	2⅜ Jan 3
17,300	66,900	Oak Manufacturing Co	1	13⅜	Sale	16	Sale	16⅝	Sale	15¼ May 6	17¾ May 17	13 Jan 3	17¼ May 17
714,500	1,239,400	Occidental Petroleum	20c	20⅜	Sale	20⅛	Sale	26¾	Sale	19¾ May 2	27⅜ May 31	19⅝ Jan 30	27⅜ May 31
139,400	367,700	Ogden Corp	50c	5	Sale	5⅛	Sale	6¼	Sale	4⅞ May 9	6⅜ May 20	4¾ Mar 20	6⅜ May 20
13,700	44,300	Ohio Brass Co	1	23¼	Sale	26½	Sale	30½	Sale	26½ May 1	30½ May 31	23¼ Jan 2	30½ May 31
930	4,150	Ohio Power 4½% pfd	100	98	Sale	99	Sale	99⅞	Sale	98¾ May 13	101 May 16	98 Jan 2	101 May 16
8,600	38,500	Old Town Corp common	1	11⅛	11½	9⅛	Sale	9⅞	Sale	8¼ May 9	10½ May 29	7¾ Apr 18	11⅝ Jan 25
3,000	36,900	40c preferred	7	5	5¼	5¾	Sale	5¼	Sale	5 May 16	5¾ May 1	4¾ Jan 14	6⅛ Jan 25
11,600	32,450	O'okiep Copper Co Ltd— American shares	10c	51	Sale	67¼	Sale	70¼	Sale	66¾ May 8	74¾ May 14	51 Jan 2	74¾ May 14
3,300	19,800	O'Sullivan Rubber Corp	1	6⅞	Sale	6¼	Sale	6⅛	Sale	5⅞ May 14	6¼ May 1	5⅞ May 14	7⅜ Feb 14
1,200	7,600	Overseas Securities Co	1	10¾	Sale	12⅞	13⅛	13½	14	13¼ May 3	14 May 27	10⅜ Jan 4	14 May 27
11,500	29,000	Oxford Electric Corp	1	3⅝	3¾	3¾	Sale	3⅞	4	3⅝ May 2	4½ May 13	3⅝ Jan 14	4½ Jan 24
2,400	62,100	Oxford Mfg Co class A	1	31⅝	Sale	36	36¾	--	--	36 May 10	37 May 6	31⅛ Jan 8	38¼ Feb 1
17,200	‡21,200	Class A new com	1	--	--	18½	Sale	20	Sale	17⅝ May 17	20⅜ May 29	17⅝ May 17	20⅜ May 29
1,900	17,400	Pacific Clay Products	8	25½	Sale	34⅞	Sale	36	Sale	34½ May 2	36 May 31	25½ Jan 2	36 May 31
18,400	78,800	Pacific Coast Co common	1	10	Sale	10⅝	10¾	10⅝	Sale	10½ May 3	11⅜ May 16	10 Jan 2	13¼ Feb 27
250	2,220	5% conv preferred	25	20	Sale	20¼	21¾	21	Sale	21 May 31	21⅞ May 16	20 Jan 2	22 Mar 19
100	1,300	6% conv 2nd pfd A	25	18¾	19¾	22	•23	22¼	23¾	23 May 6	23 May 6	19¾ Jan 8	23 May 6
96,000	190,300	Pacific Coast Props Inc	1	7⅜	Sale	8⅜	Sale	10⅛	Sale	8⅜ May 1	10⅝ May 24	7¼ Jan 4	10⅝ May 24
16,500	84,200	Pacific G&E 6% 1st pfd	25	33⅛	Sale	33	Sale	33½	Sale	33 May 1	33⅞ May 24	32⅝ Feb 8	35 Jan 17
4,400	16,400	5½% 1st preferred	25	29⅛	29⅜	29¾	Sale	30¾	31	29½ May 6	31 May 28	29¼ Jan 9	31 May 28
2,900	11,300	5% 1st preferred	25	27¼	Sale	27¼	Sale	28	Sale	27 May 6	28 May 22	26¾ Apr 25	28⅝ Feb 13
8,900	39,000	5% red 1st preferred	25	27¼	Sale	26½	Sale	26¾	Sale	26½ May 1	27⅛ May 8	26½ Apr 17	27⅜ Feb 1
3,700	15,900	5% red 1st preferred A	25	27	27½	27	27⅜	27¼	27½	27¼ May 2	27¾ May 2	26¾ Jan 23	27¾ May 2
7,700	23,000	4.80% red 1st preferred	25	26¾	Sale	26⅜	26¾	26⅞	27	26½ May 2	27⅛ May 16	26 Feb 6	27¼ Mar 28
4,000	16,200	4.50% red 1st preferred	25	24¾	25¼	25½	Sale	25¼	Sale	25 May 14	25¾ May 7	24⅝ Feb 15	26 Apr 17
1,900	10,800	4.36% red 1st preferred	25	24⅛	24½	24⅞	Sale	24¾	Sale	24½ May 7	25 May 1	24⅛ Jan 9	25⅛ Jan 28
11,100	79,500	Pacific Industries Inc	2	4	Sale	3¾	Sale	3¾	Sale	3½ May 2	3⅞ May 9	3½ May 2	5⅛ Jan 9
5,150	12,910	Pacific Lighting $4.50 pfd	*	99⅝	Sale	99½	Sale	101	Sale	99⅜ May 10	101 May 31	98⅞ Apr 17	101 Jan 30
340	1,800	$4.40 div cum pfd	*	96	96¾	98	98¾	98½	Sale	98 May 14	98½ May 24	96¼ Jan 7	99 Apr 24
2,650	5,240	$4.75 div preferred	*	102	102¼	101½	102	102½	102¾	101¾ May 7	103 May 28	101¼ Mar 15	104½ Jan 28
460	1,050	Conv $4.75 div pfd	*	156	162	141	Sale	147½	151	140 May 7	147½ May 28	140 May 7	163½ Jan 24
1,170	5,130	$4.36 div preferred	*	95¼	95¾	97¼	97¾	98	98½	97¼ May 2	98¼ May 28	95⅛ Jan 11	98⅜ Apr 3
16,700	64,600	Pacific Northern Airlnes	1	3⅛	Sale	3¼	Sale	3⅞	Sale	3¼ May 1	4 May 27	3 Jan 22	4 May 27
22,300	96,000	Pacific Northw't Bell Tel	11	23¾	Sale	26⅜	Sale	24¼	Sale	23 May 28	26½ May 1	23 May 28	26¾ Feb 19
320,100	320,100	Rights		--	--	--	--	1 1/16	Sale	27/32 May 28	1 1/16 May 31	27/32 May 28	1 1/16 May 31
68,400	153,700	Pacific Petroleums Ltd "wts"		6⅛	Sale	7	Sale	7½	Sale	6¾ May 9	8⅝ May 10	5¾ Feb 28	8⅝ May 10
675	6,285	Pacific Pwr & Lt 5% pfd	100	103	103⅞	103½	104	105¾	107¾	103 May 27	106¾ May 29	102½ Feb 5	106¾ May 29
1,400	7,700	Packer's Super Markets	1	3¾	3⅞	4	Sale	4⅜	Sale	4 May 1	4⅜ May 31	3¾ Jan 3	4⅝ Mar 6
50,400	170,300	Paddington Corp cl A	50c	56	Sale	61¼	Sale	63¾	Sale	60¾ May 1	66½ May 22	51⅜ Mar 1	66½ May 22
12,700	40,700	Page-Hersey Tubes Ltd	*	19⅜	Sale	20¾	Sale	21⅜	Sale	20¾ May 1	21½ May 7	18¾ Feb 8	21¾ Jan 8
7,700	46,900	Pall Corp class A	1	36⅝	Sale	39½	Sale	42¼	Sale	38 May 20	42⅜ May 3	36¼ Feb 11	42⅜ May 3
105,700	105,700	Rights		--	--	--	--	1 7/16	Sale	13/16 May 20	1 7/16 May 31	13/16 May 20	1 7/16 May 31
33,300	204,200	Pancoastal Petroleum vtc 2B		½	Sale	½	Sale	7/16	Sale	7/16 May 16	9/16 May 7	7/16 Jan 3	11/16 Jan 8
11,300	37,600	Pantasote Co	1	3⅝	Sale	3⅛	Sale	3½	Sale	3⅛ May 1	3⅞ May 17	3⅛ Apr 26	4⅜ Jan 24
1,300	18,000	Park Chemical Company	1	5⅞	Sale	8	Sale	7⅛	7⅝	7⅜ May 27	8 May 1	5⅞ Jan 2	9 Feb 18
5,400	19,100	Park Electrochemical A	10c	8	8½	7⅝	Sale	8	Sale	6½ May 9	8 May 31	6½ May 9	8⅜ Jan 7
800	5,100	Parker Pen Co class A	2	19½	19¾	23⅛	Sale	21¾	22⅛	22 May 28	23¼ May 15	19¾ Jan 3	23¾ Feb 20
2,400	16,600	Class B	2	19	19½	22¾	Sale	22⅛	Sale	22⅛ May 14	23⅜ May 1	19¼ Jan 7	23⅜ May 1
25,700	162,900	Parkersburg-Aetna Corp	1	8¾	9	9¾	Sale	9⅞	Sale	9⅜ May 27	9⅞ May 22	8¾ Jan 8	11 Mar 8
10,400	52,500	Pato Cons Gold Dredging	1	3 1/16	Sale	3⅛	Sale	3 3/16	Sale	3 1/16 May 3	3¼ May 10	3 Jan 15	3⅝ Jan 31
300	9,900	Penn Traffic Co	2.50	7⅛	7½	7⅛	7⅜	7¼	7⅜	7¼ May 3	7½ May 17	6⅞ Apr 1	7½ May 17
43,000	469,600	Pentron Electronics Corp	1	2⅛	Sale	1¾	Sale	1⅞	Sale	1½ May 17	1⅞ May 27	1½ Apr 9	2½ Jan 9
3,500	23,200	Pep Boys (The)	1	11⅞	12¼	12⅜	Sale	12⅜	Sale	12 May 3	12⅝ May 10	11½ Apr 4	13½ Apr 26
3,000	17,300	Pepperell Mfg Co (Mass)	20	71¾	72½	78½	Sale	79½	80	77½ May 20	79⅝ May 29	72¼ Jan 3	80 Jan 17
2,300	16,500	Pepsi-Cola Bottling Co of Long Island Inc	25c	9¾	Sale	8½	9	8⅝	Sale	8¼ May 27	9 May 8	8¼ Mar 12	10 Jan 10
5,900	63,800	Perfect Circle Corp	2.50	28¾	Sale	42⅝	Sale	43⅝	Sale	41¾ May 15	43¾ May 9	28¼ Jan 3	43¾ May 9
62,600	596,300	Perfect Photo	*	5	Sale	5½	Sale	5½	Sale	5⅜ May 6	6¼ May 10	4½ Mar 4	7⅛ Jan 21
71,800	407,900	Permian Corporation	10c	12⅞	Sale	14⅜	Sale	14¼	Sale	13⅝ May 6	15⅛ May 14	12¼ Feb 19	16 Apr 15
21,500	133,200	Peruvian Oils & Minerals	1	¾	Sale	1 1/16	Sale	1 1/16	Sale	11/16 May 1	¾ May 2	⅝ Feb 7	⅞ Apr 8
32,400	142,300	Phillips-Eckardt Elec	1	5⅝	Sale	5⅞	Sale	6⅜	Sale	5½ May 17	6⅜ May 31	5⅜ Apr 10	6¾ Feb 6
8,700	37,000	Phillips Electronics & Pharmaceutical Industries	5	25	Sale	24¾	Sale	25⅛	Sale	24⅝ May 2	27⅞ May 27	23½ Apr 11	29 Jan 9
3,300	12,300	Philippine Long Dist Tel	5	4	Sale	4⅛	Sale	4⅜	4½	4⅛ May 1	4½ May 14	3¾ Jan 9	4⅝ Feb 7
8,700	15,900	Phillips Screw Company	10c	3⅞	4	4	Sale	4⅝	Sale	3⅞ May 7	4⅞ May 29	3⅞ Jan 4	4⅞ May 29
28,700	123,400	Phoenix Steel Corp (Del)	4	11⅜	Sale	10¼	Sale	11	Sale	9¾ May 2	11 May 7	9½ Apr 4	12 Jan 10
4,600	21,600	Piasecki Aircraft Corp	1	6⅜	Sale	8½	Sale	7⅛	7⅜	7⅛ May 21	8½ May 1	5⅞ Jan 16	8¾ Apr 30
7,900	46,100	Pierce Industries Inc	1	7	7¼	6⅞	Sale	7	Sale	6½ May 6	7 May 2	6½ Apr 30	8½ Feb 18
5,100	33,800	Pioneer Plastics Corp	1	9⅜	Sale	9⅝	Sale	9¼	Sale	9⅛ May 8	9⅝ May 1	8¾ Mar 25	10 Jan 10
4,200	15,440	Pitts & Lake Erie RR	50	104½	106½	114¼	Sale	116½	Sale	113 May 27	116½ May 31	105 Jan 7	116½ May 31
59,200	152,400	Pittsburgh Railways Co	*	23¼	Sale	24⅜	Sale	27⅛	Sale	23¼ May 8	27½ May 31	21½ Jan 17	27½ May 31
3,900	36,800	Plant Industries Inc	50c	--	--	2¾	3	2⅝	Sale	2⅝ May 31	3 May 9	2⅝ May 31	5 Jan 11
9,500	23,100	Plastic Materials & Polymers Inc	10c	3½	Sale	3	Sale	3⅜	Sale	3 May 1	4 May 13	2⅞ Apr 26	4⅛ Feb 19
3,200	37,700	Plume & Atwood Mfg Co	*	8⅜	8⅝	9⅜	Sale	8½	8¾	8⅜ May 24	9⅞ May 2	7⅝ Apr 3	10⅜ Apr 10
2,600	4,800	Pneumatic Scale Corp	10	34¼	35¾	34½	Sale	40	Sale	34½ May 1	40½ May 24	33 Apr 15	40½ May 24
24,000	166,600	Polarad Electronics	50c	4½	Sale	4⅛	Sale	4⅜	Sale	4⅛ May 1	5 May 10	4 Apr 2	6 Jan 23
2,200	14,700	Poloron Products class A	1	1½	1¾	2	2⅛	1⅞	Sale	1⅞ May 22	2¼ May 3	1½ Jan 7	2¼ Apr 11
4,500	41,100	Polycast (The) Corp	2.50	4¾	Sale	4⅞	5⅛	4½	Sale	4¼ May 3	5 May 13	4¼ May 3	6⅞ Feb 27
3,300	4,600	Polychrome Corp	1	--	--	7¾	Sale	6⅞	7	6⅝ May 22	7⅞ May 1	6⅝ May 22	7⅞ Apr 29
7,100	26,300	Polymer (The) Corp cl A	1	12⅞	Sale	12⅜	Sale	13⅛	Sale	11⅛ May 17	13⅞ May 27	11⅛ Apr 10	13⅞ May 27
1,400	4,300	Powdrell & Alex'er (Del)	2½	9¼	10¼	11¼	11¾	14	15	11¼ May 9	12¾ May 23	9½ Jan 15	12¾ May 23
9,800	50,700	Power Corp of Canada	*	--	--	9 1/16	9 3/16	9⅛	Sale	8 13/16 May 2	9⅞ May 17	7⅝ Feb 6	9⅞ May 17
6,200	230,400	Prairie Oil Royalties Ltd	1	2 1/16	Sale	2 1/16	Sale	2¾	Sale	2⅝ May 29	2 1/16 May 1	2 9/16 Apr 4	3⅞ Feb 15
2,100	10,500	Pratt & Lambert	*	31	Sale	33⅛	Sale	33⅝	Sale	32¾ May 14	34 May 28	30¼ Jan 10	34 May 28
3,800	37,500	Precision Microwave Corp	1	2½	Sale	2	2⅛	1⅞	2	1⅞ May 9	2¼ May 7	1½ Apr 2	3⅛ Jan 24
3,800	10,100	Precisionware Inc	1	3¼	Sale	3⅛	Sale	3¼	3½	3⅛ May 1	3⅜ May 27	3⅛ May 1	3⅞ Feb 18
10,300	78,100	Prentice-Hall Inc	66⅔c	34½	Sale	30¾	Sale	30⅝	Sale	30½ May 1	32¼ May 9	30½ Apr 25	37 Jan 17
2,800	27,100	Presidential Realty— Class A	10c	8⅜	Sale	8	8¼	7¾	Sale	7⅝ May 23	8 May 3	7⅝ Apr 5	8¾ Jan 18
7,400	43,900	Class B	10c	8⅛	Sale	8	Sale	7¾	8	7⅝ May 17	8⅛ May 9	7⅝ Mar 29	8⅝ Jan 18
19,900	117,800	Preston Mines Ltd	*	6⅜	Sale	8½	Sale	9	Sale	8⅜ May 21	9⅛ May 28	6 5/16 Jan 3	9⅛ May 28
26,400	87,600	Proctor-Silex (The) Corp	1	3⅞	Sale	3⅞	4	4½	Sale	3¾ May 9	4¾ May 14	3⅝ Jan 21	4⅞ Mar 8
39,900	134,600	Progress Mfg Company Inc	1	10⅛	Sale	14	Sale	15	Sale	13 May 3	15½ May 16	10⅛ Jan 2	15½ May 16
900	6,900	$1.25 conv preferred	20	20⅛	21¾	23¼	23⅝	23¼	23⅝	23 May 22	23½ May 9	21¾ Jan 17	23¾ Mar 29
10,000	35,600	Prophet (The) Company	1	23¾	24	23	Sale	24	Sale	23 May 1	24½ May 22	23 May 1	25⅝ Feb 27
4,500	36,700	Providence Gas Co	*	12½	Sale	13⅞	Sale	13¾	13⅞	13⅞ May 21	14 May 2	12¼ Jan 21	14⅜ Apr 18
1,325	3,920	Public Service of Colorado— 4¼% cum preferred	100	93¾	95	93½	Sale	94¾	95½	92½ May 15	95½ May 20	92½ Mar 1	95½ May 20
9,700	38,300	Puerto Rico Telephone	20c	49¼	50	66	Sale	66¼	Sale	64 May 7	69½ May 9	49¼ Jan 4	69½ May 9
5,600	20,200	Puritan Sportswear Corp	*	9	Sale	10½	Sale	12¼	Sale	10½ May 1	12½ May 27	9 Jan 2	12½ May 27
60,600	222,100	Pyle-National Co	5	26⅛	Sale	27⅞	Sale	31¾	Sale	27¼ May 6	32¼ May 22	23⅛ Mar 19	32¼ May 22
40,700	103,400	Quality Importers Inc	1	8¾	Sale	11¼	Sale	13½	Sale	11¼ May 1	14¼ May 16	8½ Feb 26	14¼ May 16
6,200	29,300	Quebec Lithium Corp	1	2¼	2⅜	2⅜	Sale	2 7/16	Sale	2¼ May 28	2 7/16 May 2	2¼ Jan 3	3⅛ Jan 21
----	3,025	Quebec Power Company	*	32¾	Sale	33¾	34¾	33½	35½	--- ------	-- ------	32½ Jan 3	34 Feb 28

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Aggregate Sales in May Shares	Since Jan. 1 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
34,400	130,900	Radiation Inc	25c	8½	Sale	9⅞	Sale	9¼	Sale	9⅛ May 24	10⅞ May 8	8½ Jan 2	10⅞ May 8
1,600	6,700	Ramco Enterprises Inc cl A	*	10¾	Sale	11	11¼	10¾	11¼	10⅝ May 16	11 May 2	10½ Feb 11	11¼ Jan 8
43,700	182,300	Ramer Industries Inc	20c	8¾	Sale	6½	Sale	6⅛	Sale	5⅛ May 1	6⅞ May 20	5⅛ May 1	9¼ Jan 8
31,300	268,400	Ramo Inc class A	1	6¾	7	11⅛	Sale	10	Sale	10 May 31	12½ May 6	6¾ Jan 3	16 Feb 19
228,500	580,700	Rapid American Corp	1	18	Sale	10½	Sale	8⅛	Sale	6⅛ May 16	10⅝ May 1	6⅛ May 16	19⅝ Feb 6
11,200	70,000	Rath Packing Co	10	11⅛	Sale	12⅝	Sale	12½	Sale	12¼ May 2	13⅜ May 13	11⅛ Jan 2	14½ Feb 25
70,600	155,400	Rayette Inc	40c	23¼	Sale	29¾	Sale	38¼	Sale	28½ May 3	38½ May 31	23 Mar 1	38½ May 31
14,600	91,100	Real Estate Investment Trust of America	1	20¼	Sale	22⅝	Sale	23	Sale	22⅜ May 3	23⅜ May 16	19⅜ Jan 22	23⅜ May 16
19,500	154,300	Real Properties Corp of America class A	1	9¼	Sale	6½	Sale	6¼	Sale	6 May 3	6⅝ May 29	5⅞ Apr 24	9¼ Jan 2
13,200	39,500	Realty Equities of N Y	1	7⅛	7⅜	7⅛	Sale	6⅞	Sale	6⅝ May 20	7⅛ May 1	6⅝ May 20	7⅝ Jan 4
9,100	24,800	Warrants		1⅝	1¾	1½	Sale	1½	Sale	1⅜ May 20	1⅝ May 15	1⅜ May 20	2 Feb 1
101,400	101,400	Rights		--	--	--	--	¾	Sale	3/32 May 31	¾ May 31	3/32 May 31	¾ May 31
1,600	4,400	Reda Pump Company	1	27	28	28¼	29	29¼	30¼	28¼ May 7	30½ May 21	27 Jan 21	30½ May 21
40,900	40,900	R. E. D. M. Corp	25c	--	--	--	--	5⅝	Sale	5⅜ May 13	6 May 2	5⅜ May 13	6 May 2
10,000	50,700	Reeves Broadcasting & Development Corp	1	2⅛	2⅜	3	Sale	3½	Sale	2⅞ May 1	3¼ May 7	2⅛ Jan 3	3½ Apr 15
52,500	211,900	Reeves Industries Inc	5c	3⅜	Sale	3¼	Sale	3	Sale	2⅞ May 27	3½ May 6	2⅞ May 27	3⅞ Feb 1
8,700	69,200	Reis (Robert) & Co	1	⅝	Sale	¾	Sale	11/16	Sale	11/16 May 31	13/16 May 3	5/8 Jan 2	13/16 Jan 8
1,550	82,850	Reliance Insurance Co	10	72½	Sale	84	Sale	--	--	83¾ May 1	85½ May 3	72⅜ Jan 2	85½ May 3
63,900	‡69,600	New	5	--	--	42	Sale	43⅝	Sale	41⅜ May 23	45¾ May 9	41 Apr 19	45¾ May 9
10,900	95,000	Remington Arms Co Inc	1	11	Sale	12¾	Sale	12⅜	Sale	12 May 21	12¾ May 1	11 Jan 2	13¾ Apr 3
4,500	14,800	Republic Foil Inc	1	15½	15¾	14½	Sale	15½	16⅛	14½ May 1	17⅝ May 14	14 Mar 11	17⅝ May 14
27,100	201,500	Republic Industrial Corp	1	3¾	Sale	5	Sale	4¾	Sale	4⅝ May 8	5 May 1	3⅝ Jan 3	5½ Apr 18
20,800	53,500	Republic-Transcon Indus	*	4⅛	Sale	8	8⅛	5⅛	Sale	4 May 2	5⅜ May 28	4 Apr 4	5⅜ Jan 14
11,600	61,600	Resistoflex Corp	1	14¼	Sale	16⅛	Sale	16⅞	Sale	16 May 6	17 May 23	14¼ Jan 2	18¾ Jan 30
12,200	72,100	Restaurant Assoc't's Inc	10c	8½	Sale	7⅛	Sale	6⅞	Sale	6⅝ May 14	7¼ May 2	6⅝ Apr 25	9 Jan 7
283,800	2,735,700	RIC Group Inc	1	--	--	12	Sale	13	Sale	10⅝ May 3	13 May 31	4⅜ Jan 2	13⅝ Apr 16
5,400	12,500	Rico Argentine Mining	50c	1⅝	1⅞	2	2¼	2⅝	2¾	2 May 3	2⅝ May 22	1⅝ Jan 16	2⅝ Feb 25
10,200	17,100	Ridgeway Corp	1	6¼	6¾	7½	8	8	8¼	8 May 15	8 May 15	6⅝ Jan 8	8¾ Mar 11
17,300	177,800	Rio Algom Mines Ltd	*	10¾	Sale	13⅜	Sale	13⅜	Sale	13¼ May 1	14 May 9	10⅝ Jan 2	14 May 9
37,200	303,300	Warrants series A		3/8	1/16	½	Sale	½	Sale	1/16 May 2	½ May 1	3/8 Jan 3	½ Jan 22
29,800	141,200	Rio Grande Valley Gas— Vtc extended	1	4⅞	Sale	5⅜	Sale	5⅜	Sale	5⅛ May 23	5⅝ May 7	4⅞ Jan 2	6¼ Jan 22
8,900	30,500	Ritter Finance Co Inc— Class B common	1	4⅝	Sale	4⅞	Sale	5¼	Sale	4⅞ May 1	5½ May 20	4⅝ Jan 2	5⅞ Jan 25
11,200	86,300	Robinson Technical Prod	20c	8¾	Sale	7⅛	Sale	6⅞	Sale	6⅜ May 8	7½ May 21	6⅜ Apr 4	9⅞ Jan 8
480	2,510	Rochester Gas & Electric— 4% preferred F	100	85⅛	Sale	87½	88½	87½	Sale	86¼ May 6	89 May 9	85 Jan 3	89½ Jan 23
900	7,800	Rodney Metals Inc	1	4⅛	4⅜	4	4¼	4⅛	4⅜	4 May 6	4⅜ May 23	4 Apr 22	5¼ Jan 21
4,300	16,700	Rogers Corporation	*	11¾	12	14	Sale	12⅞	Sale	12¼ May 23	14 May 1	11½ Apr 2	14¼ Apr 29
4,500	26,800	Rollins Broadcasting Inc	1	14	Sale	17¼	Sale	17	Sale	16½ May 20	17½ May 8	13¼ Jan 24	17¾ Apr 16
2,700	4,100	Rolls-Royce Ltd— American dep rcts reg	£1	3½	3⅞	3⅞	4	4⅛	Sale	3¾ May 9	4⅛ May 31	3¾ Jan 21	4¼ Mar 8
4,200	16,600	Roosevelt Field Inc	1.50	5	Sale	4⅝	4⅞	3⅞	4⅛	3⅝ May 8	4⅞ May 2	3⅝ May 8	6 Jan 15
9,100	‡13,500	Roosevelt Raceway new	1.20	--	--	15⅝	Sale	14⅜	Sale	14¼ May 31	15⅞ May 1	14¼ May 31	16 Apr 18
8,200	30,600	Rosenau Brothers Inc	1	7⅝	8	8⅝	Sale	8⅝	Sale	8⅛ May 2	8¾ May 1	7¼ Mar 22	8¾ Apr 30
12,100	59,500	Ross Products Inc	1	4⅛	4⅜	4⅛	Sale	4⅜	Sale	4 May 2	4⅝ May 16	3⅝ Mar 1	5⅝ Mar 27
5,500	23,000	Rowland Products Inc	5	8¾	Sale	7¾	8⅛	8⅜	Sale	7⅜ May 27	8⅜ May 29	7 Feb 11	10⅜ Jan 7
6,500	29,800	Roxbury Carpet Co	1	11	Sale	10⅞	Sale	10⅞	11	10⅝ May 3	11 May 15	10 Mar 5	12⅜ Feb 19
9,000	122,500	Royal American Indus	50c	2⅛	Sale	2⅜	Sale	2⅛	Sale	2⅛ May 2	2⅜ May 1	2⅛ Jan 2	3⅛ Mar 25
8,800	36,000	Royal School Laboratories	1c	11⅞	Sale	10⅛	10½	9¾	10⅛	10 May 2	10½ May 9	9⅛ Mar 19	12⅞ Jan 10
6,200	40,400	Royalite Oil Co Ltd	*	13½	Sale	11⅛	11¼	10¾	Sale	10½ May 31	11⅝ May 8	10 Mar 8	13½ Jan 2
115,200	246,100	Rusco Industries	1	3¾	Sale	4¾	Sale	4⅛	Sale	4 May 17	5¼ May 13	3⅝ Jan 2	5¼ May 13
57,500	171,100	Russeks Fifth Ave Inc	50c	2¼	Sale	2¾	Sale	3¾	Sale	2⅝ May 1	4 May 31	2¼ Jan 2	4 May 31
48,500	183,000	Russ Togs Inc class A	1	15⅛	Sale	17	Sale	15⅞	Sale	15½ May 27	17⅝ May 8	14⅞ Jan 2	17⅝ May 8
30,900	65,800	Ryan Consol Petroleum	1	3⅛	Sale	2¾	Sale	2¾	2⅞	2⅜ May 6	3⅛ May 20	2⅜ May 6	3½ Jan 27
1,100	13,900	Ryerson & Haynes	1	3½	3¾	3⅝	3⅞	3⅝	Sale	3⅝ May 7	3¾ May 6	3 Mar 18	4⅛ Apr 9
2,700	10,800	St Lawrence Corp Ltd	*	20⅝	20⅞	20¾	21	20⅝	20¾	20⅝ May 16	20¾ May 3	20⅝ Jan 8	21 Mar 19
5,000	39,800	Salem-Brosius Inc	2.50	2⅝	Sale	2⅞	Sale	2½	Sale	2½ May 31	2⅞ May 1	2½ May 31	3¼ Jan 9
78,800	145,200	San Carlos Milling Co Ltd	16 pesos	7¼	7½	14⅞	Sale	17	Sale	13 May 6	24 May 21	7⅜ Jan 7	24 May 21
1,200	8,100	San Diego Gas & Elec Co— Cum pfd 5% series	20	21⅞	22	22¾	23	21¾	22¼	21¾ May 24	23 May 9	21½ Mar 20	23 Apr 9
100	4,000	Cum pfd 4½% series	20	19¼	20	20⅝	20⅞	20⅜	20¾	20⅜ May 16	20⅜ May 16	19½ Jan 28	20⅜ May 16
1,900	5,100	Cum pfd 4.40% series	20	19¼	20	20	20⅜	20	20½	20¾ May 17	21 May 9	19½ Jan 4	22½ Apr 5
8,800	99,800	Sarcee Petroleums Ltd	50c	⅞	1⅛	1⅛	1 1/16	1⅛	Sale	1 1/16 May 6	1 1/16 May 3	1⅛ Jan 4	1 5/16 Jan 28
6,700	24,100	Savage Arms Corp	*	5	Sale	7¾	Sale	7¾	Sale	6⅞ May 8	7⅞ May 23	5 Jan 2	8 Apr 22
19,400	83,000	Savoy Industries Inc	25c	8⅛	8⅜	11½	Sale	11	Sale	10¼ May 21	11¾ May 3	8⅛ Jan 3	11¾ Apr 22
5,600	23,400	Saxon Paper Corp com	25c	5⅛	5½	5⅛	5⅜	5	Sale	4⅞ May 17	5⅝ May 21	4⅞ May 17	5⅞ Mar 8
7,400	25,000	6% conv preferred	10	9⅝	Sale	10	Sale	10⅜	Sale	9⅞ May 2	10½ May 15	9¼ Mar 27	10½ May 15
27,100	134,100	Sayre & Fisher Co	1	3⅞	Sale	4⅞	Sale	4¾	Sale	4⅛ May 15	5 May 31	3⅞ Jan 2	5½ Mar 4
33,200	120,800	Screen Gems Inc	1	17¼	18	24½	Sale	23⅝	Sale	23⅛ May 3	25⅜ May 8	16¾ Feb 28	25⅜ May 8
165,300	747,100	Scurry-Rainbow Oil Ltd	3.50	9¼	Sale	13½	Sale	15⅜	Sale	12⅞ May 3	15¾ May 29	9¼ Jan 2	15¾ May 29
7,300	40,100	Seaboard Allied Mill'g Cp	1	6⅛	6½	8⅛	Sale	7¼	7⅜	7⅛ May 14	8¼ May 2	6¼ Jan 9	8¾ Apr 23
4,500	35,300	Seaboard Plywood & Lum	1	2⅞	3	2⅞	Sale	2¾	Sale	2¾ May 9	3 May 2	2¾ Feb 13	4½ Feb 21
195,900	1,060,700	Seaboard World Airlines	3	5⅝	Sale	5¼	Sale	5¼	Sale	5 May 9	5¾ May 21	4¾ Mar 11	6½ Jan 22
4,700	41,300	Sealectro Corp	25c	6⅞	7	6⅛	Sale	8¾	8⅞	6⅛ May 1	7⅛ May 15	6⅛ Apr 25	9⅛ Jan 28
5,000	46,100	Season-All Industries Inc	1	--	--	8½	8⅞	7⅝	Sale	7½ May 10	8½ May 3	7 Mar 21	12 Jan 16
25,300	25,500	Security Freehold Petrol	*	6⅜	Sale	7½	Sale	7 3/16	Sale	7 3/16 May 31	7⅝ May 2	6 Feb 13	7 11/16 Apr 29
101,000	490,500	Seeburg (The) Corp	1	13¼	Sale	17⅞	Sale	18⅝	Sale	17½ May 6	19¾ May 15	13 Jan 2	19¾ May 15
105,800	328,700	Seeman Bros	3	9¾	Sale	8¾	Sale	9⅛	Sale	7⅞ May 17	10¼ May 24	7⅞ May 17	11¾ Jan 24
6,100	36,800	Seligman & Latz Inc	1	13½	Sale	13⅜	Sale	14	Sale	13¼ May 1	14¼ May 16	12½ Feb 28	14⅞ Jan 31
62,800	128,500	Servo Corp of America	1	4¼	Sale	4⅛	Sale	5¾	Sale	4 May 3	6⅜ May 22	4 Mar 13	6⅜ May 22
24,900	72,800	Servomechanisms Inc	20c	4	Sale	5⅛	Sale	4¼	Sale	4¼ May 21	5¼ May 1	3½ Mar 20	5¼ May 1
3,150	16,780	Seton Leather	*	11¼	11¾	12	Sale	12⅛	Sale	12 May 1	13 May 2	10⅝ Apr 19	13 Feb 19
10,100	19,300	Shaer Shoe Corp	1	--	--	8⅛	Sale	7⅞	Sale	7⅜ May 7	8¼ May 1	7⅜ May 7	9½ Mar 14
8,300	117,700	Shattuck Denn Mining	5	5	Sale	6½	6¾	6½	Sale	6½ May 7	7⅛ May 15	5 Jan 2	7¼ Feb 20
3,300	362,100	Shawinigan Water & Pwr	*	27⅜	Sale	27¾	Sale	26¾	28	27½ May 29	28 May 20	26⅝ Jan 29	28 Feb 27
28,300	114,000	Sherwin-Williams Co	12.50	80¼	Sale	79¾	Sale	88	Sale	79¼ May 7	88¼ May 31	74¾ Feb 12	88¼ May 31
360	830	4% preferred	100	94¾	96	96½	97½	97¼	99	96¼ May 14	98 May 29	96 Jan 11	98 May 29
1,100	1,825	Sherwin-Williams of Can	*	21¾	23	22¼	22¾	23⅞	24¼	23 May 10	24¾ May 20	23 Mar 26	25 Jan 25
40,800	153,300	Siboney-Caribbean Pet	10c	¼	Sale	1/8	Sale	¼	Sale	3/16 May 29	5/16 May 1	3/16 May 29	⅜ Apr 1
523,700	1,020,500	Signal Oil & Gas class A	2	26¼	Sale	25⅞	Sale	28⅞	Sale	25 May 14	31⅞ May 22	25 Mar 6	31⅞ May 22
3,025	1,325	Class B	2	26¾	28	27	28½	30	Sale	28 May 13	32½ May 22	26¼ Mar 7	32½ May 22
13,300	42,700	Silicon Transistor Corp	20c	4⅜	Sale	4	4¼	4⅛	Sale	3⅝ May 7	4⅝ May 13	3⅝ May 7	5 Jan 3
106,300	319,200	Silver Creek Precision	10c	¾	Sale	1/16	Sale	1/16	Sale	1/16 May 27	2/16 May 1	½ Apr 18	1/8 Jan 18
14,200	37,400	Silvray Lighting Inc	25c	1⅝	1⅞	2	2⅛	2⅞	Sale	2 May 2	2⅛ May 31	1¾ Jan 14	2⅛ May 31
700	6,400	Simca Automobiles— Amer dep receipts	100f	44½	46	38¼	39	36½	37¼	37 May 20	39 May 2	37 May 20	49¼ Jan 22
600	2,700	Simmons-Boardman Publish Corp $3 conv preferred	*	14¼	Sale	12¾	13¾	13	13½	12⅝ May 21	13½ May 9	12½ Mar 25	16 Jan 10
		Simpson's Ltd common	*	27⅜	27⅞	30⅛	30⅞	31⅞	Sale	30 May 15	31⅞ May 31	28 Jan 3	32 Apr 17
10,700	27,800	Sinclair Venezuelan Oil	1	41¼	Sale	56	Sale	55½	Sale	53 May 1	59¼ May 17	41¼ Jan 2	60 Apr 29
10,710	30,560	Singer Mfg Ltd— Am dep rcts ord reg shs	£1	5½	5⅞	5½	5¾	5¼	Sale	5¼ May 29	5⅝ May 17	5¼ May 29	6 Mar 28
1,000	3,600	Skyline Homes Inc cl A	50c	--	--	17¼	Sale	19⅜	Sale	17¼ May 1	19⅞ May 27	11 Jan 18	19⅞ May 27
14,100	72,700	Slick Airways Inc	*	6⅛	6½	5⅝	5⅞	5⅝	Sale	5¼ May 15	6 May 3	5⅛ Apr 22	7⅛ Jan 8
12,600	77,600	Sonotone Corp	1	7½	Sale	7⅛	Sale	6¾	Sale	6¾ May 31	7½ May 7	6⅝ Apr 22	8¼ Jan 14
5,700	24,300	Soss Manufacturing Co	1	16	Sale	15½	15⅞	16⅜	Sale	15 May 6	16½ May 29	15 May 6	17⅛ Jan 22
9,100	43,600	South Coast Corp	1	27¾	Sale	31⅞	Sale	35¼	Sale	31 May 14	40½ May 21	27⅛ Jan 3	40½ May 21
67,900	106,300	South Penn Oil Co	12½	31⅝	Sale	38	Sale	38⅞	Sale	37½ May 1	40½ May 22	31½ Jan 2	40½ May 22
40,900	142,300	Southern Calif Edison— 5% original pfd	8.33⅓	29	29¾	30¼	30¾	31¼	32	30 May 3	33 May 16	29¾ Jan 3	33 May 16
1,500	8,450	4.78% cum preferred	25	26½	Sale	26⅛	Sale	26¼	26⅝	26⅛ May 1	26½ May 7	26⅛ Feb 28	27¼ Jan 24
1,500	13,800	4.56% conv preference	25	87½	--	89	--	92	--	-- ------	-- ------	-- ------	-- ------
1,300	2,800	4.48% conv preference	25	81⅜	90	82½	86	86⅜	Sale	83⅛ May 3	86⅝ May 28	82 Mar 7	86¾ Jan 30
5,000	29,400	4.32% cum preferred	25	23¾	Sale	24¼	Sale	24	Sale	24 May 13	24⅝ May 2	23⅛ Apr 11	25 Feb 12
2,500	10,000	4.24% cum preferred	25	23⅝	23¾	24	24⅞	24½	Sale	23¾ May 7	24⅝ May 2	23½ Feb 28	25 Jan 30
200	3,800	4.08% preferred	25	22½	23¼	23	23½	23	23½	23 May 2	23½ May 15	22⅝ Feb 15	23½ Jan 24
11,900	38,000	Southern Calif Petroleum	2	18¼	Sale	16⅜	Sale	18½	Sale	16⅛ May 6	19 May 21	16 Apr 11	19 May 21
9,700	41,800	Southern Realty & Util	1	2⅝	Sale	3	Sale	3	Sale	2⅝ May 21	3 May 1	2⅝ Jan 2	4¼ Feb 26
1,500	6,100	Southland Royalty Co	5	75	77	79	81	78	78½	77 May 21	79 May 2	74½ Mar 4	80 Apr 24

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Aggregate Sales in May Shares	Since Jan. 1 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
4,800	38,600	Speed-O-Print Business Machines Corp	1	11¾	Sale	13⅞	Sale	11½	Sale	11½ May 29	13⅞ May 1	10 Mar 22	14⅞ Apr 23
6,800	37,800	Speedry Chem Prod cl A	50c	5½	5⅞	4⅝	Sale	4⅜	Sale	3⅞ May 7	4⅝ May 1	3⅞ May 7	6¾ Jan 22
9,100	61,900	Spencer Shoe Corp	1	9⅝	Sale	8⅝	Sale	9	Sale	8¼ May 22	9⅜ May 6	8¼ Apr 10	12 Jan 14
98,600	575,800	Sperry Rand Corp warrants		7½	Sale	7⅛	Sale	7	Sale	6¾ May 21	7¾ May 3	6⅝ Apr 2	8¼ Jan 17
16,500	189,400	Sports Arenas Inc	1c	1⅝	Sale	1⅝	Sale	1⅝	Sale	1½ May 14	1⅞ May 28	1½ Jan 2	2⅝ Jan 21
38,800	161,200	Standard Brands Paint	1	18⅞	Sale	24¼	Sale	25¼	Sale	23⅛ May 22	25⅞ May 28	18⅝ Jan 3	25⅞ May 28
25,300	56,200	Standard Dredging Corp	1	7⅞	Sale	8¾	Sale	10⅞	Sale	8¾ May 1	11⅛ May 29	7⅞ Jan 2	11⅛ May 29
2,500	5,910	$1.60 conv preferred	20	23¾	24	25⅛	25⅜	26⅝	26⅞	25⅜ May 3	26⅞ May 10	23¾ Feb 11	26⅞ May 10
5,400	45,600	Standard Forgings Corp	1	13⅝	Sale	12⅞	Sale	13¾	Sale	12¾ May 9	13¾ May 31	12¾ Apr 18	17¼ Jan 25
20,800	102,700	Standard Metals	3c	4⅛	Sale	4⅛	Sale	4	Sale	3⅞ May 28	4⅜ May 1	3⅞ May 28	4¾ Jan 28
4,300	4,300	Standard Motor Prods Inc— Class A	2	--	--	--	--	15½	Sale	15½ May 31	16⅝ May 23	15½ May 31	16⅝ May 23
16,100	50,400	Standard Products Co	1	12¾	Sale	13⅜	Sale	14⅜	Sale	12¾ May 16	14⅝ May 27	11 Mar 5	14⅝ May 27
6,000	24,900	Standard Shares Inc	1	31¼	32¼	31½	32	32½	32¾	31⅝ May 2	32½ May 20	30 Feb 28	32¾ Jan 14
12,800	51,200	Standard-Thomson Corp	1	6.	Sale	5⅝	Sale	5⅛	Sale	5 May 31	5⅝ May 1	5 May 31	6¼ Jan 14
3,400	16,400	Standard Tube class B	1	3⅝	3⅞	4	4⅜	4	Sale	3¾ May 22	4½ May 8	3⅝ Apr 5	4¾ Jan 18
57,700	78,700	Stanley Aviation Corp	10c	8	8½	8⅝	Sale	13¼	Sale	8½ May 1	14¾ May 10	7⅞ Jan 16	14¾ May 10
112,600	385,800	Stanrock Uranium Mines	1	⅞	Sale	1	Sale	¾	Sale	1⅛ May 22	1 May 1	1⅛ May 22	1¼ Feb 13
3?,300	122,200	Star Industries Inc cl A	1	22¼	Sale	27¾	Sale	28½	Sale	27⅜ May 14	29¾ May 24	22⅛ Jan 2	29¾ May 24
71,300	232,600	Starrett (The) Corp	10c	2½	Sale	2⅝	Sale	2½	Sale	2¼ May 16	2¾ May 8	2¼ May 16	3⅜ Feb 13
1,800	5,300	50c div conv pfd	50c	11	11⅜	11⅛	11½	11	Sale	11 May 13	11¼ May 8	11 Jan 16	12¼ Feb 13
13,500	63,400	Statham Instruments Inc	1	9	Sale	8½	Sale	10⅛	Sale	8⅜ May 2	10⅞ May 9	8¼ Mar 15	11¼ Jan 25
8,200	32,300	Steel Co of Canada Ltd	*	17¼	17½	19¼	Sale	19¾	Sale	19¼ May 1	20 May 3	17⅛ Mar 12	20 May 3
10,900	63,000	Steel Parts Corp	5	17¼	Sale	25⅝	Sale	24¼	Sale	23⅞ May 17	25⅞ May 7	16½ Jan 4	25⅞ May 7
73,300	175,800	Stelma Incorporated	10c	8	Sale	8½	Sale	9⅞	Sale	8½ May 1	10⅜ May 9	7⅜ Apr 23	10⅜ May 9
14,300	62,700	Stepan Chemical Co	1	19⅞	Sale	21½	Sale	18⅝	Sale	18½ May 31	22⅜ May 6	18½ May 31	23½ Feb 8
42,700	153,700	Stephan (The) Co	50c	12⅛	12½	17	Sale	18¼	Sale	17 May 1	20⅞ May 9	12½ Jan 3	20⅞ May 9
3,000	27,200	Sterling Aluminum Prod	5	10½	10¾	13½	Sale	13⅝	13¾	12⅞ May 24	13¾ May 15	10½ Jan 3	14½ Feb 13
1,600	6,100	Sterling Breweries Inc	1	16¼	17¼	17	17⅝	17½	17¾	17¼ May 9	19½ May 23	16¾ Feb 15	19½ May 23
30,500	276,700	Sterling Precision (Del)	10c	1½	Sale	1½	Sale	1⅝	Sale	1½ May 1	1⅝ May 1	1⅜ Apr 3	1⅞ Jan 23
300	1,900	Stetson (John B)	*	40	Sale	29¾	31	29¼	30	29¼ May 7	29¾ May 6	29¼ May 7	40 Jan 2
23,100	127,000	Stop & Shop Inc	1	19¾	Sale	24¼	Sale	22⅜	Sale	20⅝ May 17	24¼ May 1	19¾ Jan 2	26⅞ Apr 5
121,800	208,200	Strong Cobb Arner Inc	1	4⅜	Sale	4⅜	Sale	6	Sale	4⅛ May 1	6½ May 27	4⅛ Jan 2	6½ May 27
35,300	233,500	Struthers Wells Co	1	5⅜	Sale	5⅛	Sale	6⅛	Sale	4⅞ May 21	6⅛ May 31	4⅞ May 21	8⅜ Jan 21
12,000	42,800	Stylon Corp	4	7	Sale	6⅛	6¼	6¾	Sale	6 May 6	6⅞ May 22	6 Feb 8	7 Jan 2
5,700	28,300	Sunair Electronics Inc	10c	2	2¼	2	Sale	2⅛	2¼	1⅞ May 10	2½ May 2	1⅝ Apr 29	2⅞ Jan 14
87,200	373,100	Sunset Internat Petroleum	1	6½	Sale	6¼	Sale	6½	Sale	6¼ May 1	7⅛ May 9	6 Jan 4	7⅛ Jan 18
4,400	33,000	†Supercrete Ltd	25c	½	Sale	¾	Sale	¾	13/16	¾ May 1	13/16 May 3	½ Jan 2	13/16 Mar 28
6,200	21,600	Superior Window cl A	10c	¾	⅞	1⅝	Sale	1⅝	1¾	1⅝ May 3	1⅞ May 10	¾ Jan 3	1⅞ May 10
2,800	28,900	Supermarkets Operating	50c	12⅝	13⅜	19¾	Sale	18⅞	19⅜	18⅜ May 21	19⅞ May 23	13¼ Jan 4	21 Apr 26
6,800	30,500	Supronics Corp	25c	2¾	2⅞	2½	Sale	2½	2⅝	2⅜ May 20	3 May 3	2¼ Mar 11	3¾ Jan 25
11,700	29,500	Swanee Paper Corp	1	11¾	12	10	10⅜	11¾	Sale	10⅛ May 10	12⅜ May 23	9¾ Mar 6	12⅜ Jan 4
79,100	344,100	Symington Wayne Corp wts		6¼	Sale	7⅜	Sale	7⅜	Sale	6⅝ May 29	7½ May 3	6⅛ Jan 2	9¼ Apr 17
393,500	942,600	Syntex Corporation	2	35⅞	Sale	55	Sale	73½	Sale	54½ May 9	73⅝ May 31	35 Jan 2	73⅝ May 31
17,400	49,500	Talon Inc common	5	--	--	45	Sale	--	--	44⅝ May 1	48½ May 9	39¾ Mar 29	48½ May 9
1,400	4,750	4% cumulative pfd	10	8	8¼	8⅝	Sale	8¾	9	8⅝ May 1	8⅞ May 6	8 Jan 8	9 Apr 2
8,700	117,400	Tampa Electric Co	*	43¼	Sale	49⅛	Sale	--	--	48¼ May 6	49½ May 10	42½ Jan 2	49½ Apr 16
42,900	‡49,200	New common	*	--	--	24½	Sale	23⅞	Sale	23 May 17	25⅛ May 13	23 May 17	24⅞ Apr 18
50,400	187,600	Tastee Freez Ind Inc	67c	--	--	11¾	Sale	11½	Sale	11 May 2	14 May 14	10½ Apr 23	18⅛ Mar 14
83,900	305,900	Technical Materiel	12½c	24⅞	Sale	24½	Sale	24⅝	Sale	23⅛ May 6	25½ May 16	22⅛ Mar 27	29½ Jan 23
75,700	196,800	Technical Operations Inc	*	20⅜	Sale	24½	Sale	33¼	Sale	21½ May 6	34⅛ May 31	16⅝ Feb 28	34⅛ May 31
241,300	914,700	Technicolor Inc	1	8¾	Sale	11¼	Sale	12	Sale	11⅛ May 1	12⅝ May 17	8⅝ Jan 2	12⅝ May 17
13,800	66,000	Tel-A-Sign Inc	20c	2¼	Sale	1¾	1⅞	1½	Sale	1½ May 29	1⅞ May 9	1½ Apr 11	2⅜ Jan 2
21,300	75,800	Telectro Industries	10c	2⅜	Sale	2½	Sale	2⅜	Sale	2¼ May 21	2¾ May 1	2¼ Jan 2	3⅛ Mar 14
19,600	75,900	TelePrompTer Corp	1	5½	Sale	5⅛	Sale	5¾	Sale	4½ May 7	6⅛ May 22	4⅛ Mar 19	6¾ Jan 4
44,400	396,500	Teleregister Corp	*	5⅛	Sale	6⅜	Sale	5¾	Sale	5½ May 27	6½ May 13	4⅜ Mar 19	7⅛ Apr 8
3,300	28,500	Warrants		2½	Sale	2¾	Sale	2⅜	Sale	2⅛ May 8	2¾ May 1	1⅞ Mar 8	3⅛ Apr 9
14,000	130,100	Television Industries	1	2½	Sale	1⅛	Sale	1⅜	Sale	1⅛ May 1	1½ May 10	⅞ Mar 12	2¾ Jan 4
7,300	32,000	Tenney Engineering Inc	10c	3½	Sale	3	Sale	3⅛	Sale	3 May 1	3½ May 2	2¾ Jan 11	3⅞ Mar 8
56,100	278,300	Term-Hudson Electronics	25c	7½	Sale	4⅞	Sale	5	Sale	4⅜ May 24	5½ May 3	4⅜ May 24	7⅞ Jan 31
275	1,875	Texas P & L $4.56 pfd	*	96	98½	100	100½	101	Sale	100¾ May 6	101 May 7	98½ Jan 4	101¾ Feb 11
46,800	188,000	Texstar (The) Corp	10c	⅝	Sale	1/16	Sale	1/16	Sale	1/16 May 6	1/16 May 1	⅝ Jan 2	⅞ Jan 29
7,500	38,500	Textron Electronics Inc	50c	5¾	6⅛	5⅞	Sale	5½	Sale	5⅜ May 24	6 May 1	5⅜ May 24	6⅝ Mar 1
100,300	386,000	Textron Inc warrants		13⅞	Sale	14¾	Sale	14⅞	Sale	13¾ May 8	15½ May 20	11⅞ Mar 19	15½ May 20
4,900	41,000	Thew Shovel Co	5	20⅝	Sale	22½	Sale	22¾	Sale	22½ May 1	23 May 8	20⅝ Jan 2	24 Feb 26
42,000	192,200	Thompson-Starrett Co	10c	1¾	Sale	2	Sale	2⅛	Sale	1¾ May 21	2¼ May 28	1⅝ Jan 21	2¼ Feb 15
1,400	8,300	70c conv preferred	10	11½	11⅞	12⅛	Sale	12¾	13⅛	11¾ May 22	13 May 29	11 Feb 7	13 Feb 20
11,600	31,200	Thorofare Markets Inc	25c	16⅞	17¼	15¼	Sale	15½	Sale	15 May 21	15⅝ May 9	15 May 21	18⅜ Jan 9
10,200	46,600	Thriftimart Inc class A	1	22⅜	Sale	22½	Sale	21⅞	Sale	21⅝ May 8	22½ May 1	21⅛ Mar 19	24⅞ Jan 11
100	1,200	Tobacco Securities Trust Co— Am dep rcts def reg	5c	2⅛	3	2¾	3¼	3	3¼	2⅞ May 10	2⅞ May 10	2⅝ Jan 22	3¼ Feb 8
----	1,200	Am dep rcts reg	5s	6½	7	7⅝	8⅜	7¾	8¼	-- ------	-- ------	6⅛ Jan 7	8⅜ Apr 23
7,600	20,300	Todd Shipyards Corp	20	21⅜	21⅞	21⅞	Sale	25	25½	21⅞ May 1	25½ May 29	21¼ Mar 7	25½ May 29
1,525	5,725	Toledo Edison 4¼% pfd	100	90½	Sale	92¾	93¾	93½	Sale	92 May 13	93¾ May 2	90½ Jan 2	94½ Feb 14
600	8,500	Tonopah Mining of Nev	1	3¼	3½	3¾	4	3⅝	3⅞	3⅝ May 13	3¾ May 2	3¼ Jan 9	3⅞ Mar 21
10,900	148,900	Tower Universal Corp	1	3½	Sale	3¾	Sale	3⅜	Sale	3⅜ May 2	3¾ May 1	3⅛ Apr 8	5⅛ Feb 6
1,900	21,300	Town Photolab Inc	5c	3	3⅜	3⅛	3⅜	3	3¼	3 May 8	3⅜ May 20	2¾ Jan 10	4⅜ Feb 11
7,800	34,500	Trans-Lux Corp	1	12¼	Sale	13	Sale	12	Sale	12 May 20	13 May 1	12 Feb 25	13⅜ Mar 14
94,800	210,300	Trans World Airlines 'wts'		4¼	4½	5¾	Sale	8¼	Sale	5¾ May 1	8¾ May 27	4⅛ Jan 15	8¾ May 27
15,700	45,900	Transportation Cp Amer	10c	9⅛	Sale	8⅛	Sale	8⅞	Sale	8⅛ May 1	9 May 14	7⅝ Mar 7	9⅛ Jan 2
2,400	14,800	Transue & Williams Steel Forging Corp	*	--	--	10⅜	Sale	10¼	Sale	10⅛ May 13	10¾ May 2	9¼ Jan 4	11⅛ Apr 24
8,200	30,900	Trav-ler Industries	1	4⅜	Sale	4¼	Sale	4	4⅛	3⅞ May 22	4¼ May 1	3⅞ May 22	4⅞ Jan 9
17,700	36,700	Triangle Conduit & Cable	1	9¾	10	10⅛	Sale	14¾	Sale	10⅛ May 1	14¾ May 31	9¾ Mar 27	14¾ May 31
23,100	198,700	Tri-Continental Corp warr		33½	Sale	37⅝	Sale	39¼	Sale	37⅝ May 1	39½ May 16	32⅛ Mar 6	39⅝ Apr 8
4,200	16,300	True Temper Corp	10	29	Sale	34	Sale	34	Sale	33 May 28	35½ May 22	29 Jan 2	35½ Apr 4
20,400	80,700	Unexcelled Chemical Corp	5	8	Sale	7¼	7⅜	6⅞	Sale	6⅝ May 8	8 May 14	6½ Apr 18	10¼ Jan 25
1,200	5,400	Union Gas of Canada	*	16⅞	17½	19½	Sale	19⅞	20½	19½ May 1	20⅞ May 17	17¼ Mar 4	20⅞ May 17
300	4,200	Union Investment Co	4	12⅛	12⅝	13⅜	13⅞	13⅛	13⅞	13⅜ May 9	13⅜ May 9	12¼ Jan 17	13⅜ Apr 30
2,900	6,300	Union Stk Yds of Omaha	20	21⅛	22	22¼	22¾	23	23⅝	22 May 15	23½ May 28	21¾ Jan 3	23½ May 28
8,000	39,600	United Aircraft Prod	50c	4⅜	Sale	4⅜	Sale	4¼	Sale	4 May 23	4⅜ May 1	4 Jan 15	5⅛ Apr 8
22,000	164,600	United Asbestos Corp	1	3 7/16	Sale	3 5/16	Sale	3 3/16	Sale	3 1/16 May 7	3⅜ May 3	3 Apr 18	3 13/16 Jan 4
44,600	182,400	United Canso Oil & Gas vtc	1	3 1/16	Sale	1 3/16	Sale	1 3/16	Sale	1 1/16 May 1	1 5/16 May 3	1⅛ Jan 2	1 9/16 Feb 19
4,200	25,600	United Elastic Corp	*	40	40½	38	Sale	36⅞	Sale	36⅞ May 31	38¼ May 13	36 Mar 13	41 Jan 4
5,600	51,500	United Foods Inc	1	7	Sale	9	Sale	8½	8⅝	8½ May 27	9⅛ May 1	7 Jan 2	9⅞ Apr 4
19,800	147,400	United Imp & Inv Corp	2.60	4¼	Sale	3⅞	Sale	3⅝	Sale	3⅜ May 24	4 May 3	3⅜ May 24	5⅛ Jan 10
700	3,700	United Milk Products	5	5⅞	6⅜	5½	6	6¾	6⅞	5½ May 7	6 May 10	5½ May 7	6¼ Jan 21
2,000	2,700	United Molasses Co Ltd— Amer dep rcts ord reg	10s	4⅛	4¼	4¾	5	4 7/16	4⅞	5 May 2	6½ May 23	4¼ Jan 3	6½ May 23
100	1,060	United N J Ry & Canal	100	184½	186	200½	Sale	201	203¾	200½ May 1	202 May 15	184½ Jan 4	202 May 15
3,800	24,400	U S Air Conditioning	50c	2⅜	Sale	2⅞	Sale	2¾	Sale	2⅝ May 15	2⅞ May 1	2¼ Jan 2	3½ Apr 1
2,700	35,400	U S Ceramic Tile Co	1	5	Sale	7½	7⅞	7½	Sale	7¼ May 16	7¾ May 10	5 Jan 2	8¼ Apr 9
41,800	128,000	U S Natural Gas Corp	1	7	Sale	7¼	Sale	9½	Sale	7¼ May 1	9¾ May 27	6 Jan 17	9¾ May 27
6,100	21,500	U S Rubber Reclaim Co	1	5½	5¾	6¾	Sale	7⅝	Sale	6¼ May 8	7⅝ May 29	5¾ Jan 3	7⅝ May 29
4,000	23,900	United Stockyards Corp	25c	5⅜	5¾	5¼	Sale	5¼	5½	5¼ May 1	5⅜ May 10	5⅛ Jan 23	5¾ Jan 4
11,100	53,900	Universal American Corp— 1962 series warrants		2¾	Sale	2¼	Sale	2¼	Sale	2 May 3	2¼ May 1	2 Apr 25	2⅞ Jan 10
4,100	18,200	1955 series warrants		2⅜	2⅝	2⅝	2¾	2½	Sale	2⅛ May 8	2⅝ May 2	2⅛ May 8	3 Feb 14

For footnotes, see page 96.

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Aggregate Sales in May Shares	Since Jan. 1 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
23,200	64,200	Universal Automated Ind	10c	--	--	2⅜	Sale	2⅜	Sale	2¼ May 3	2½ May 8	2¼ Mar 27	3 Jan 7
3,200	18,400	Universal Container A	10c	4¾	5	5¼	5½	5⅛	5¼	5 May 10	5⅜ May 2	5 Jan 4	6 Mar 13
124,600	627,100	Universal Controls Inc	25c	4¾	Sale	4½	Sale	4⅝	Sale	4⅜ May 1	5 May 3	4⅜ Apr 16	5½ Jan 7
350	2,200	Universal Insurance	17.78	33¼	34½	32⅝	33	33	Sale	33 May 2	33⅝ May 17	31¼ Apr 4	39¾ Jan 9
27,500	151,900	Universal Marion (Fla)	*	8⅝	Sale	9	Sale	9⅛	Sale	9 May 1	9⅛ May 1	8⅝ Jan 2	9⅝ Feb 12
517,400	641,800	Utah Idaho Sugar Co	5	9½	Sale	11¼	Sale	13⅞	Sale	11¼ May 1	19⅞ May 21	9⅜ Jan 2	19⅞ May 21
4,500	19,100	Valspar Corp	1	6¾	Sale	6½	6⅞	7	7⅜	6½ May 6	7¼ May 20	6⅛ Mar 5	7¼ May 20
8,100	48,500	Valve Corp of America	25c	9⅝	Sale	12	Sale	12⅜	Sale	10⅞ May 9	12⅜ May 31	9⅜ Jan 31	12⅜ May 31
8,100	46,500	Venture Capital Corp	1	4⅛	Sale	3½	Sale	4¼	Sale	3½ May 1	4¼ May 31	3¼ Mar 18	4½ Jan 7
47,500	355,900	Victoreen Instrument Co	1	7⅞	Sale	8⅝	Sale	8½	Sale	8⅜ May 22	9⅛ May 10	7⅞ Jan 2	10¼ Feb 11
17,700	107,200	Viewlex Inc class A	25c	3½	Sale	2⅞	Sale	2⅞	Sale	2¾ May 1	3¼ May 9	2¾ Apr 30	3⅞ Jan 18
24,200	107,600	Virginia Dare Stores Corp	1	7⅛	7⅜	8⅛	Sale	7⅝	Sale	7½ May 23	8⅞ May 3	6⅜ Mar 8	8⅞ May 3
85,700	167,000	Va Iron Coal & Coke	2	9¾	Sale	10⅛	Sale	10⅞	Sale	10⅛ May 1	11¼ May 31	9¼ Mar 4	11¼ May 31
3,000	26,800	Vita Food Products Inc	25c	15⅜	Sale	18¾	19	17¾	18	17¾ May 29	19⅜ May 8	15⅜ Jan 2	20½ Mar 15
2,000	14,800	Vogt Manufacturing Corp	*	11	11½	11½	Sale	11¼	11¾	11 May 17	11¾ May 10	10¾ Jan 4	13½ Jan 15
7,700	24,500	VTR Inc	1	5	5¼	5	Sale	5	Sale	5 May 1	5⅛ May 6	5 Jan 11	5⅜ Feb 15
16,600	78,900	Wagner Baking Corp com	*	1⅝	1¾	2⅝	Sale	2⅛	2⅜	2 May 28	2⅞ May 1	1½ Jan 21	2⅞ Feb 7
870	1,360	7% preferred	100	35½	40	40	46	31	Sale	30¼ May 16	39 May 9	30¼ May 16	55¼ Feb 13
4,700	13,000	Waitt & Bond common	4	3¼	3½	3⅝	Sale	4¼	Sale	3⅝ May 1	4⅞ May 27	3⅜ Jan 7	4⅞ May 27
2,500	z4,700	6% conv preferred	10	6½	7	7⅛	7½	8⅝	Sale	7¾ May 20	9¾ May 24	6¾ Jan 7	9¾ May 24
85,600	242,800	Waltham Precision Inst Co	1	2¼	Sale	2¼	Sale	2¼	Sale	2 May 6	2¼ May 1	2 Jan 31	2⅜ Jan 9
363,900	1,642,600	Webb & Knapp Inc com	10c	⅛	Sale	⅝	Sale	1⅝	Sale	1/16 May 28	¾ May 9	1/16 May 28	1⅛ Jan 8
3,020	9,590	$6 series preference	*	80½	Sale	56	Sale	51	Sale	50⅛ May 29	62⅞ May 13	50⅛ May 29	87 Jan 8
3,400	15,300	Weiman & Company Inc	1	3⅞	Sale	3⅝	3¾	3⅝	3¾	3½ May 24	3¾ May 3	3½ May 24	4 Jan 3
7,400	43,400	Wentworth Mfg Co	1.25	4½	4¾	3⅞	Sale	4⅛	Sale	3⅞ May 1	4¼ May 2	3¾ Apr 15	5 Jan 11
2,700	13,000	West Chemical Products	50c	22¼	22½	22½	23	21⅞	Sale	21⅞ May 31	23¼ May 8	21⅞ May 31	24¼ Feb 15
60	780	West Texas Utilities Co 4.40% preferred	100	93	94½	95¼	96½	97½	Sale	96½ May 7	97½ May 31	94½ Jan 10	97½ May 31
18,000	150,500	Westbury Fashions	10c	9¼	Sale	7¾	7⅞	6¾	Sale	6¾ May 23	8⅛ May 3	6⅝ Apr 4	12½ Jan 10
50,400	123,100	Western Equities Inc	10c	3⅜	Sale	2⅜	Sale	2⅝	Sale	2⅜ May 1	3⅛ May 15	2⅛ Apr 23	3⅛ May 15
34,000	182,200	Western Nuclear Inc	5c	3	Sale	3⅜	Sale	3⅛	3¼	3⅛ May 24	3⅝ May 16	2⅞ Mar 3	3¾ Apr 25
19,900	120,400	Western Stockholders Inc Amer dep rcts ord shs	1s	7/16	Sale	7/16	Sale	7/16	Sale	7/16 May 1	½ May 10	7/16 Jan 2	½ Jan 17
5,300	17,800	West Tablet & Stationery	*	19⅛	20	21½	Sale	23⅝	23⅞	21½ May 1	24¼ May 15	19¼ Jan 3	25½ Feb 6
7,900	25,500	Weyenberg Shoe Mfg	1	23⅛	23¾	24⅝	Sale	25	25⅜	24⅝ May 1	26⅞ May 15	22¾ Jan 7	26⅞ May 15
3,200	20,300	Whippany Paper Board	10c	8⅞	9⅛	10⅛	10¼	10¼	Sale	10 May 2	11 May 16	9⅛ Jan 3	12¼ Feb 1
46,300	186,600	White Eagle Internat'l	10c	1/16	Sale	½	Sale	1/16	Sale	½ May 1	1/16 May 1	½ Feb 19	⅛ Jan 8
6,900	10,900	White Stag Mfg Class A	1	--	--	21	Sale	21½	Sale	21 May 1	21¾ May 14	20¾ Apr 29	22½ Mar 22
14,400	46,200	Whitmoyer Laboratories	1	10	Sale	12⅝	Sale	13½	13¾	12½ May 17	14⅜ May 23	9¾ Jan 9	14⅜ May 23
3,500	21,700	Wichita River Oil Corp	1	1⅞	2⅛	1⅝	1¾	1⅝	Sale	1⅝ May 15	1⅞ May 10	1½ Feb 21	2 Mar 4
8,300	21,100	Wieboldt Stores Inc	*	14½	14⅞	16⅛	Sale	14⅛	Sale	14⅛ May 31	16⅛ May 1	14⅛ May 31	16⅝ Apr 18
2,800	13,000	Williamhouse (The) Inc	10c	5½	5¾	5½	5¾	5⅛	5¼	5⅛ May 27	5½ May 27	5⅛ May 27	6 Feb 6
22,400	108,000	Williams Brothers Co	1	13⅞	Sale	15¾	Sale	16¾	Sale	15¾ May 1	17⅜ May 9	13⅞ Jan 2	18⅜ Apr 19
7,900	90,100	Williams-McWilliams Ind	10	5⅜	Sale	6⅝	6¾	6½	Sale	6⅜ May 21	7 May 9	5⅛ Jan 2	7½ Feb 11
10,400	52,300	Williams (R C) & Co	1	15	Sale	15¼	Sale	13	Sale	12⅞ May 23	15¼ May 1	12⅞ May 23	17⅜ Mar 8
45,800	336,600	Wilshire Oil Co of Tex	1	2 1/16	Sale	2	Sale	2	Sale	1⅞ May 14	2⅛ May 17	1⅞ Feb 28	2 1/16 Mar 21
21,000	65,800	Wilson Brothers common	1	7	Sale	6½	Sale	6¼	6⅜	6 May 23	7¼ May 10	6 May 23	8⅝ Jan 25
400	7,900	5% preferred	25	15¾	Sale	18	18¾	18	Sale	17¾ May 15	18⅜ May 10	15¾ Jan 2	19⅝ Mar 27
240	1,080	Wisconsin P&L 4½% pfd	100	96½	Sale	99	99¾	100½	102	99¼ May 10	101½ May 16	95½ Jan 10	101½ May 16
1,300	1,300	Wood (John) Co	*	--	--	--	--	--	--	8⅞ May 27	9⅜ May 17	8⅞ May 27	9⅜ May 17
6,200	44,790	Wood Newspr Mach Corp New common	1	12¾	Sale	11¼	Sale	11½	11¾	11⅛ May 3	12 May 3	11 Feb 14	13⅞ Jan 4
14,900	28,200	Woodall Industries Inc	2	17½	17⅞	17⅞	Sale	19¾	20	17⅜ May 10	20¾ May 16	16½ Feb 19	20¾ May 16
300	8,200	Woolworth (F W) Ltd Amer dep receipts	5c	6⅛	6½	7½	7⅞	7⅜	Sale	7⅜ May 31	7⅜ May 31	6⅜ Jan 4	8 Mar 15
----	400	6% preference	£1	2⅜	3	2⅜	3	2⅜	3	-- ------	-- ------	2½ Mar 11	2¾ Mar 29
14,100	112,400	Wright-Hargreaves Ltd	40c	¾	Sale	⅛	Sale	¾	Sale	⅛ May 1	1/16 May 27	⅛ Jan 2	1 Feb 5
104,300	334,800	Yale Express System Inc Class A	25c	8¾	9	14⅝	Sale	14⅛	Sale	13⅞ May 23	16⅝ May 16	8⅛ Mar 25	16⅝ May 16
23,600	160,900	Yonkers Raceway com	25c	3⅞	Sale	4	Sale	3⅞	Sale	3¾ May 28	4¼ May 3	3¾ May 28	4¾ Feb 25
1,000	20,100	6% preferred	5	3⅞	4	4⅛	4¼	4⅛	4¼	4⅛ May 16	4¼ May 7	3⅞ Jan 11	4⅜ Apr 4
10,700	51,400	Zale Jewelry Co	1	15⅝	Sale	16⅝	Sale	16½	Sale	15¾ May 20	17 May 9	15⅜ Jan 2	17¼ Apr 11
37,000	102,900	Zapata Off-Shore Co	50c	4¾	4⅞	5⅜	Sale	6	Sale	5⅜ May 1	6½ May 3	4⅞ Jan 3	6½ May 3
48,200	228,000	Zapata Petroleum Corp	10c	6⅝	Sale	9⅛	Sale	9¼	9½	8¾ May 2	9⅝ May 21	6½ Jan 8	9⅝ May 21
2,600	7,400	Zion Foods Corp	1	4¼	4½	4	4⅛	4⅛	4½	4 May 6	4¾ May 20	4 Mar 5	4⅞ Feb 13

BONDS

$	$												
705,000	2,635,000	Alsco Inc 5½s conv	1974	26⅛	27	60	Sale	70	Sale	54½ May 17	74 May 27	27 Jan 3	74 May 27
70,000	472,000	Amer Realty & Petrol Co 6½s	1972	--	--	90	91½	91½	Sale	89 May 14	93 May 7	84½ Jan 17	102½ Feb 4
3,000	31,000	△Amer Steel & Pump 4s	1994	58⅛	62	58½	65	58¾	65	60 May 23	61 May 16	58½ Apr 26	64 Feb 1
84,000	369,000	Appalach'n El Pwr 3¼s	1970	94	Sale	93½	Sale	93⅞	Sale	93½ May 1	94⅞ May 28	93¼ Apr 16	95½ Jan 7
202,000	717,000	Baldwin Montrose Chem 7s	1972	70	Sale	82½	Sale	82	Sale	82 May 1	84¾ May 28	68½ Jan 11	85 Apr 22
118,000	773,000	Belock Instrument Corp 6s series A	1975	--	--	131½	Sale	135	Sale	126½ May 8	144 May 9	100 Feb 11	144 May 9
3,000	5,000	Bethlehem Steel 6s	1998	126¾	128	127½	--	126⅝	--	126½ May 21	127½ May 14	126½ May 21	127½ Feb 14
538,000	991,000	Bloomfield Bldg Indus 6½s	1977	107¼	Sale	107⅜	Sale	112	Sale	105 May 2	113½ May 14	105 May 2	115½ Jan 28
54,000	199,000	Boston Edison 2¾s	1970	90¾	Sale	90½	Sale	91⅜	Sale	90½ May 1	92 May 16	90¼ Mar 14	92¼ Feb 6
11,000	21,000	Brandywine Raceway Assn 6s debs	1978	100	--	100	--	100	--	100¾ May 8	100¾ May 8	100 Feb 18	100¾ May 8
171,000	532,000	BSF Corp 5¾s conv	1969	70½	71⅞	82½	85	92⅛	Sale	84½ May 2	93 May 31	71½ Jan 8	93 May 31
27,000	118,000	Chicago Transit Authority 3¾s rev ser '47	1978	100⅜	100¾	101⅜	102¼	101¼	102	101⅜ May 17	102¼ May 16	100⅜ Jan 7	102¼ May 16
82,000	393,000	Coburn Credit Co Inc 6s conv subord debs	1976	--	--	156½	Sale	143	150	142 May 20	159½ May 6	118½ Mar 27	159½ May 6
63,000	463,000	Delaware Lack & West RR Lackawanna of N J Div 1st mtge 4s ser A	1993	30¼	30½	38⅞	Sale	39	Sale	36 May 9	39 May 14	30½ Jan 3	42 Feb 19
32,000	258,000	△1st mtge 4s ser B	1993	11¼	12	17	Sale	15½	16	16 May 17	17 May 1	11¼ Jan 3	19½ Feb 18
42,000	213,000	First Nat Realty & Constr Corp 6½s ex warr	1976	69¼	71	72	Sale	71⅜	72	71¼ May 22	72⅝ May 28	69½ Mar 13	73½ Apr 9
219,000	516,000	Fotochrome Inc 5½s	1981	53¾	Sale	55	Sale	57	Sale	53 May 1	59½ May 22	51 Apr 8	62 Jan 15
171,000	710,000	Gen Development 6s	1975	85½	87	90⅛	Sale	91	93	87⅝ May 1	96 May 24	87⅝ May 1	96 May 24
216,000	509,000	General Foam Corp 6s	1981	78	Sale	81	82½	84	Sale	82 May 3	84¼ May 15	77½ Jan 15	84½ Feb 8
530,000	3,099,000	Gulf American Land 6½s convertible	1977	87½	Sale	81¾	Sale	84⅞	Sale	80¼ May 1	86½ May 14	78½ Mar 7	93¾ Jan 15
109,000	459,000	Hartfield Stores 5½s	1981	70	Sale	72¾	73½	73	Sale	70¼ May 21	75 May 28	70 Jan 2	79 Jan 15
109,000	1,039,000	Hoffman Inter'n 7s	1973	80	85	62	Sale	54	Sale	52 May 29	62½ May 8	50 Feb 27	86 Jan 14
56,000	411,000	Hudson & Manhattan Corp 1st mortgage 6s	1982	98⅜	99	98¼	98¾	98½	98⅞	98⅜ May 13	99 May 21	96¼ Feb 20	99¾ Feb 8
30,000	380,000	Hydrometals 6s A	1972	61¾	65	73	Sale	73	74	70 May 9	74 May 14	61 Jan 7	74 May 14
64,000	171,000	Italian Power Realization △Trust 6½s liq tr ctfs	--	44¼	52½	46⅛	47⅞	47⅛	48½	46⅛ May 3	48½ May 22	46 Jan 28	48½ Mar 1
13,000	137,000	Kaltman & Co 6s	1977	116½	Sale	112½	Sale	115	118½	112 May 20	113 May 7	112 May 20	127 Feb 11
27,000	207,000	Kawecki Chemical 4⅞s	1976	102¼	104¾	106	107½	105	Sale	105 May 14	107¼ May 10	103 Jan 28	108 Apr 19
874,000	2,696,000	Livingston Oil 5¾s	1982	117½	Sale	119¾	Sale	122⅝	Sale	118 May 3	128 May 20	112 Mar 1	124½ Jan 7
79,000	366,000	Mergenthaler Lino 5s	1977	101½	102	105	Sale	105	106½	103½ May 2	106 May 28	102 Jan 3	106 May 28

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For footnotes, see page 96

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Midwest Stock Exchange

A compilation of the round-lot transactions only

Stock Sales—	1963	1962	Bond Sales—	1963	1962
May (Shares)	3,652,000	3,837,000	May	------	$500
Jan. 1 to May 31 (Shares)	17,883,000	15,464,000	Jan. 1 to May 31	$1,000	500

Aggregate Sales in May Shares	Aggregate Sales Since Jan. 1 Shares	Midwest Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
49,100	67,300	Abbott Laboratories	5	75⅝	Sale	97¾	Sale	95⅝	Sale	91 May 27	97¾ May 1	73⅜ Jan 21	97¾ Apr 30
8,100	36,200	Acme Steel Co	10	13¾	Sale	17½	Sale	18¾	Sale	17¼ May 7	18¾ May 31	13¾ Jan 2	18¾ May 31
15,600	43,800	Admiral Corp	1	11¾	Sale	14⅞	Sale	17¼	17½	14⅞ May 1	18⅛ May 29	11¾ Jan 2	18⅛ May 29
1,400	46,100	Advance Ross Electronics	25c	3⅞	4	5	Sale	--	--	5 May 1	5 May 1	3⅞ Jan 4	6⅛ Feb 13
2,100	11,300	Alleghany Corp (Un)	1	11	11⅜	10	10⅛	10¼	10⅜	10 May 8	10½ May 14	9⅞ Apr 4	13⅛ Jan 11
8,100	47,500	Allied Chemical Corp	9	43½	43¾	50⅝	50⅞	50¼	Sale	49 May 27	52 May 9	42⅜ Mar 1	52 May 9
15,200	65,600	Allis-Chalmers Mfg	10	14⅝	Sale	17⅝	Sale	20	Sale	17⅝ May 1	20¼ May 23	14⅝ Jan 2	20¼ May 23
10,800	90,000	Aluminium Ltd	*	20⅛	Sale	26¼	Sale	26⅛	Sale	25⅜ May 27	27¾ May 9	20⅛ Jan 2	27¾ May 9
3,200	16,300	Aluminum Co of Amer (Un)	1	54¼	Sale	58	58¼	63⅝	Sale	59¼ May 6	64¼ May 17	52 Mar 25	64¼ May 17
22,400	65,800	American Airlines (Un)	1	18⅛	Sale	22⅞	Sale	23⅝	Sale	22⅛ May 8	24½ May 17	17⅞ Jan 3	24½ May 17
4,300	32,500	American Broadcasting Param't Theatres (Un)	1	33⅛	33½	--	--	31	Sale	30¾ May 17	32⅝ May 3	30¼ Mar 4	37⅝ Jan 24
21,800	48,800	American Can Co (Un)	12.50	45⅞	Sale	44⅝	Sale	45⅝	Sale	43⅞ May 10	46⅛ May 27	43¾ Apr 2	47¼ Feb 4
11,000	48,900	American Cyanamid (Un)	10	49⅛	Sale	58⅞	Sale	59	Sale	54⅝ May 20	59 May 1	48¼ Jan 2	59 May 1
4,400	23,300	Amer Home Products (Un)	1	52⅞	Sale	56¾	57	57	Sale	54½ May 28	57⅝ May 6	49½ Mar 25	58 Jan 22
2,100	8,100	American Investment (Ill)	1	20½	Sale	22⅝	23¼	23	23¼	22⅞ May 8	23⅜ May 20	20½ Jan 2	23⅜ May 20
18,800	91,600	American Mach & Fdry	1.75	20⅝	Sale	20½	Sale	20⅜	Sale	19⅝ May 3	21½ May 14	19⅝ May 3	24¼ Feb 14
48,200	208,100	Amer Motors Corp	1.66⅔	16¼	Sale	19⅞	Sale	19⅝	Sale	18½ May 21	20⅝ May 1	16¼ Jan 2	23 Feb 14
13,900	59,600	Amer Radiator & SS (Un)	5	12⅞	Sale	15⅞	Sale	15½	Sale	15¼ May 29	16⅛ May 20	12⅞ Jan 2	16⅛ Feb 29
29,800	149,900	American Tel & Tel	33⅓	116⅞	Sale	125	Sale	123⅛	Sale	121⅞ May 29	126 May 1	114¾ Jan 2	126 May 1
14,800	91,700	Amer Tobacco Co (Un)	6.25	29¼	Sale	32¼	Sale	30½	Sale	30 May 27	32¾ May 6	28 Mar 1	33⅞ Apr 18
4,200	30,500	American Viscose (Un)	25	60½	60⅞	62	Sale	67	Sale	62 May 1	67 May 31	59 Apr 1	67 May 31
9,600	32,600	Ampex Corp (Un)	1	16¾	Sale	17	17¼	17⅞	Sale	16½ May 8	18⅝ May 13	14¾ Mar 18	18⅝ May 13
1,800	7,000	Amsted Industries Inc	1	30⅜	Sale	--	--	35¾	36	32⅛ May 8	36 May 22	30⅜ Jan 2	36 May 22
10,100	37,300	Anaconda Co (Un)	50	40⅞	Sale	47⅝	Sale	52⅝	Sale	47 May 8	52⅝ May 31	40⅝ Jan 2	52⅝ May 31
38,500	121,500	Apache Corp	1.25	11⅛	Sale	9⅞	Sale	12¼	Sale	9¾ May 2	12⅞ May 23	9¾ Apr 25	12⅞ May 23
16,800	88,100	Arkansas Louisiana Gas	2.50	28¾	Sale	33	Sale	33	Sale	32 May 7	33⅜ May 16	28½ Jan 2	34¼ Mar 18
10,200	36,800	Armco Steel Co (Un)	10	52	Sale	53⅝	Sale	58	Sale	52⅝ May 2	58 May 31	52 Jan 2	58½ Apr 16
2,100	19,800	Armour & Co	5	42¾	Sale	46⅝	Sale	44⅝	45	44¾ May 20	46⅝ May 1	42⅛ Mar 1	48⅝ Apr 15
3,700	17,700	Ashland Oil & Ref	1	26	Sale	29⅞	Sale	30	Sale	29⅞ May 1	31 May 13	26 Jan 2	31 May 13
25,900	132,500	Atch Topeka & Santa Fe	10	25⅛	Sale	29	Sale	30	Sale	28½ May 3	30 May 31	25 Jan 2	30 May 31
3,500	23,600	5% non-cum preferred	10	10⅛	10⅜	10⅞	Sale	10⅝	10⅞	10¾ May 16	11 May 3	10⅜ Jan 7	11 Mar 18
1,300	6,100	Athey Products Corp	4	22¾	23¾	24	24½	23	24	23¼ May 28	24¼ May 10	22½ Feb 21	26¼ Jan 10
2,900	8,800	Atlantic Refining Co (Un)	10	48	48¼	54¼	Sale	53⅛	53⅜	52⅞ May 22	54¾ May 14	48½ Jan 3	56¾ Apr 16
10,600	85,500	Automatic Canteen Co of America	2.50	13⅞	Sale	14⅜	Sale	14⅞	Sale	14⅛ May 7	16 May 21	13⅜ Apr 4	17⅛ Jan 22
5,600	39,300	Avco Corporation	3	25	Sale	27¼	Sale	26⅝	Sale	26 May 24	27½ May 2	23⅛ Mar 1	27½ May 2
4,000	11,900	Baldwin-Lima-Ham (Un)	13	13⅜	13¾	12⅛	12⅜	14	Sale	12½ May 7	14⅜ May 23	12½ Apr 26	14⅜ Jan 24
4,200	11,750	Bastian-Blessing	*	22¾	Sale	22¾	23¼	23	Sale	22¾ May 1	23½ May 20	22¼ Jan 4	25½ Jan 8
4,100	25,200	Belden Mfg	10	22¾	23¼	25⅛	Sale	24¼	Sale	24 May 8	25¾ May 16	23¼ Jan 4	26½ Feb 8
--	12,100	Bell & Gossett Co	2	13⅜	13¾	--	--	--	--	-- ------	-- ------	13½ Jan 8	21⅛ Apr 22
22,200	84,100	Bell & Howell Co	*	22¾	Sale	23⅜	Sale	27⅛	Sale	23⅜ May 1	27⅞ May 13	21½ Feb 8	27⅞ May 13
4,200	17,100	Bendix Corp	5	54¼	54¾	54	54½	53¼	Sale	52⅜ May 29	55¾ May 14	50⅜ Mar 22	58½ Jan 25
7,500	40,000	Benguet Consol Inc (Un)	p2	1¼	1⅜	1⅜	Sale	1¼	1½	1¼ May 2	1⅜ May 1	1¼ Jan 3	1½ Feb 18
18,300	125,100	Bethlehem Steel Corp (Un)	8	28¾	Sale	31½	Sale	32⅞	Sale	30⅞ May 8	33 May 31	28¾ Jan 2	34⅝ Apr 16
450	3,250	Binks Manufacturing Co	1	25¼	26	27¾	Sale	29	30	27¾ May 1	29½ May 24	24½ Jan 11	29½ May 24
4,900	27,800	Boeing Company (Un)	5	37	37½	37¼	Sale	37	Sale	36¼ May 8	37⅞ May 3	35¼ Mar 26	40⅛ Feb 4
2,600	6,150	Booth Fisheries Corp	5	35	35½	28	28½	27¼	27¾	27⅛ May 17	29⅜ May 13	27⅛ May 17	30 Mar 12
10,400	36,900	Borg-Warner Corp	5	42	Sale	45½	Sale	46⅛	Sale	45¼ May 7	46½ May 15	41½ Mar 6	46½ May 15
2,200	7,200	Brach & Sons (E J)	*	33¼	33¾	32	Sale	31¼	31½	29⅝ May 21	32 May 1	29⅝ May 21	34⅝ Apr 8
200	600	Brad Foote Gear Works	20c	2	2⅛	1⅞	2	1¾	2	1⅞ May 3	1⅞ May 3	1⅞ May 3	2 Jan 11
800	800	Brown Shoe Co	15	--	--	--	--	--	--	90¼ May 2	90¼ May 2	90¼ May 2	90¼ May 2
48,000	268,500	Brunswick Corp	*	18⅞	Sale	15⅝	Sale	15⅛	Sale	14¾ May 7	16¼ May 13	14¾ May 7	20⅝ Jan 8
900	14,100	Budd Co	5	11⅞	12	13⅜	Sale	14	14¼	13⅜ May 1	13⅝ May 10	12½ Mar 19	15⅛ Apr 16
8,700	67,100	Burlington Indus (Un)	1	25⅞	Sale	34	Sale	34¾	35	34 May 1	35¼ May 21	25⅞ Jan 2	35¼ May 21
13,100	61,200	Burroughs Corp	5	28¼	Sale	29⅜	Sale	31⅛	Sale	28¾ May 7	31¼ May 31	28¼ Jan 2	34 Feb 18
200	3,800	Burton-Dixie Corp	12½	21¾	22¼	23⅛	23¾	22½	23	23 May 17	23⅛ May 3	22⅛ Jan 14	24 Mar 19
20,000	78,800	Business Capital Corp	1	5⅜	Sale	4⅝	Sale	5⅛	Sale	4⅝ May 1	5⅜ May 10	4½ Mar 22	5⅝ Jan 4
3,200	12,200	Calumet & Hecla Inc	5	11½	12	11⅜	Sale	11⅛	11¼	11⅛ May 6	12¾ May 15	11⅛ May 6	13¼ Jan 30
1,400	3,500	Canadian Export Gas & Oil Ltd	16⅔c	1	1⅛	⅛	1	⅞	Sale	⅞ May 31	1 May 21	⅞ May 31	1⅛ Jan 14
1,200	7,800	Canadian Pacific (Un)	25	22⅝	22⅞	26⅝	26⅞	28⅝	Sale	27⅝ May 8	28⅝ May 31	23¼ Jan ⅜	28⅝ May 31
----	6,100	Carrier Corp common	10	37	Sale	--	--	--	--	-- ------	-- ------	37 Jan 2	42 Apr 17
----	10	4½% preferred	50	47¾	48½	--	--	--	--	-- ------	-- ------	50 Apr 2	50 Apr 2
13,700	67,300	Caterpillar Tractor (Un)	*	37⅛	Sale	37⅜	Sale	44⅜	Sale	37⅜ May 1	44⅞ May 31	34⅞ Mar 21	44⅞ May 31
3,800	20,200	Celanese Corp of Am (Un)	*	38½	Sale	44½	Sale	46¾	47¼	44½ May 1	46¾ May 13	37¼ Feb 26	46¾ May 13
46,100	91,900	Central & South West	2.50	41¼	Sale	43½	Sale	42⅛	Sale	41¾ May 31	43½ May 1	41¼ Jan 2	46⅞ Feb 7
7,600	25,800	Central Illinois Pub Serv	*	23⅞	24¼	25¾	Sale	25¼	Sale	24⅝ May 8	26¾ May 1	22¾ Mar 4	26¾ May 1
2,300	15,200	Certain-Teed Prods (Un)	1	15⅞	Sale	14½	14¾	14⅜	Sale	14 May 23	14⅝ May 3	14 May 23	19½ Jan 31
3,700	29,000	Champlin Oil & Ref com	1	30	Sale	31⅛	Sale	33	Sale	30½ May 7	33 May 15	29½ Feb 12	34½ Jan 17
909	2,667	$3 conv preferred	*	63	64½	64	64½	64	Sale	63¼ May 31	64½ May 2	63¼ Jan 3	64½ Mar 14
300	6,400	Chemetron Corp	1	18⅜	18⅝	21⅛	21½	--	--	21⅜ May 7	21½ May 6	19⅜ Jan 3	22 Feb 1
5,400	29,600	Chesapeake & Ohio Ry (Un)	25	51½	Sale	60¼	Sale	62¾	Sale	60¼ May 1	63⅜ May 28	51½ Jan 2	63⅜ May 28
3,400	21,100	Chic Mil St Paul & Pac	*	9¼	9½	11⅞	12	14⅛	Sale	12 May 3	14⅛ May 23	9¾ Jan 3	14⅛ May 23
5,700	17,000	Chicago & Northwest Ry	*	13⅜	13⅞	19	19½	23½	Sale	18⅞ May 8	23⅝ May 31	14½ Feb 4	23⅝ May 31
4,500	16,500	5% series A preferred	100	20½	21	30	30¾	36⅞	Sale	30⅞ May 8	36⅞ May 31	21⅜ Jan 3	36⅞ May 31
4,600	13,800	Chicago R I & Pac Ry	*	18½	19	22¾	Sale	23⅛	Sale	22¾ May 1	24½ May 13	19½ Jan 3	25 Feb 14
14,000	66,300	Chicago South Shore and South Bend RR	12.50	10⅞	Sale	15⅝	Sale	18	Sale	15⅝ May 1	19 May 27	10⅞ Jan 2	19 May 27
5,200	147,200	Chrysler Corp	25	73⅞	Sale	106½	Sale	--	--	101¾ May 6	107 May 3	72 Jan 2	110 Apr 22
49,400	58,800	New common	12.50	--	--	53¼	Sale	64	Sale	51¼ May 6	64⅛ May 31	51¼ May 6	64⅛ May 31
1,300	6,500	Cincinnati Gas & El Co	8.50	49½	50	56¼	Sale	--	--	55⅛ May 22	56¼ May 1	49¾ Jan 7	56¼ May 1
1,400	1,500	New common wi	8.50	--	--	--	--	27	27⅜	27⅜ May 29	28⅛ May 2	27⅜ May 29	28¼ Apr 29
3,800	23,100	Cities Service Co	10	56½	Sale	67⅝	Sale	67⅜	67⅝	65⅜ May 16	67⅞ May 3	56½ Jan 2	68 Apr 29
900	9,700	City Products Corp	*	25⅜	Sale	28¾	29	28¾	29¼	28 May 10	28¾ May 7	25⅜ Jan 2	30¾ Mar 8
300	1,900	Cleveland-Cliffs Iron com	1	36¾	37⅜	43½	Sale	44½	45¼	43½ May 1	45⅛ May 16	39 Jan 8	45⅛ May 16
150	3,022	4½% preferred	100	93	95	95	96½	95	96	95 May 8	95½ May 16	94¼ Jan 28	96½ Apr 22
300	2,700	Cleveland Elec Illuminat	15	64¼	64¾	64¼	64¾	63¾	64¼	64 May 8	64⅞ May 2	62¾ Mar 7	68¼ Jan 14
100	100	New common	*	--	--	--	--	--	--	32¼ May 23	32¼ May 23	32¼ May 23	32¼ May 23
----	16,700	Clevite Corp	1	--	--	--	--	--	--	-- ------	-- ------	39¼ Feb 4	39¾ Feb 15
400	40,050	Coleman Co Inc	5	19¼	19¾	30	30¼	--	--	31 May 2	34¼ May 9	18⅞ Jan 9	34¼ May 9
2,200	15,600	Colgate-Palmolive (Un)	1	43⅝	43⅞	52⅞	Sale	52¾	53⅛	51⅞ May 6	55¾ May 23	43 Jan 17	55¾ May 23
2,100	22,300	Colorado Fuel & Iron Corp	5	8¾	Sale	9¼	9⅝	10	Sale	9½ May 7	10⅛ May 22	8¾ Mar 19	10⅞ Apr 16
8,700	39,000	Columbia Gas Sys (Un)	10	26¾	27	29⅝	Sale	29⅝	Sale	28⅞ May 7	30 May 22	26⅞ Jan 3	30 May 22
22,200	127,900	Commonwealth Edison	12.50	44⅜	Sale	48½	Sale	49	Sale	48⅛ May 7	49⅞ May 13	44⅜ Jan 2	50⅜ Feb 15

*No par value. ‡Corrected volume. a Deferred delivery sale. r Cash sale x Ex-dividend. (Un) Issue admitted to unlisted trading privileges. y Ex-rights.

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Aggregate Sales in May Shares	Sales Since Jan. 1 Shares	Midwest Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 — Lowest Sale Prices	Highest Sale Prices
5,400	37,900	Consolidated Foods	1.33⅓	34¾	Sale	40⅝	Sale	40⅞	41⅛	40⅛ May 23	42⅛ May 28	33⅝ Jan 4	42⅛ May 28
3,500	19,000	Consumers Power Co	*	42⅜	Sale	44¼	Sale	44½	Sale	43⅝ May 2	44½ May 31	40⅞ Mar 4	45½ Apr 9
14,400	64,500	Container Corp of Amer	5	24¾	Sale	28	Sale	27⅜	Sale	27⅛ May 27	29½ May 10	23⅞ Jan 3	29½ May 10
8,800	71,500	Continental Can Co (Un)	10	44⅝	45	44⅜	Sale	46	Sale	44⅛ May 7	46¾ May 16	42¾ Apr 3	46¾ May 16
5,500	27,600	Continental Insurance Co	5	58½	59	60½	Sale	58¾	Sale	58⅛ May 29	60¾ May 2	58⅛ May 29	64½ Feb 18
800	10,500	Continental Motors (Un)	1	10¾	10⅞	12½	12¾	13	13¼	12¾ May 2	13 May 2	11 Jan 8	13 May 2
2,100	22,600	Continental Oil (Del)(Un)	5	53½	54	59½	60	61½	62	59½ May 8	63¼ May 16	54⅞ Jan 4	63¼ May 16
1,000	4,800	Controls Co of America	5	23	23½	26	Sale	28½	29	25½ May 3	28¾ May 29	22½ Jan 21	28¾ May 29
6,600	31,800	Corn Products Co	50c	49½	50	54⅛	Sale	58	Sale	54⅛ May 1	59¾ May 23	49¾ Jan 3	59¾ May 23
8,200	40,100	Crowell-Collier Publishing	1	19⅛	Sale	16½	Sale	17	Sale	16¼ May 3	17¾ May 22	14⅜ Apr 2	20½ Jan 4
3,300	19,100	Crucible Steel Co of America (Un)	12.50	16⅞	Sale	20¼	20½	21⅜	21½	20⅛ May 7	21¼ May 20	16⅞ Jan 2	21⅝ Apr 16
9,400	47,500	Curtiss-Wright Corp (Un)	1	17½	17¾	21⅜	Sale	22⅜	Sale	21⅛ May 1	24¼ May 16	17⅝ Jan 16	24¼ May 16
2,400	18,700	Deere & Co	1	51¾	Sale	62¾	Sale	68¼	Sale	62¾ May 1	68¼ May 31	51¾ Jan 2	68¼ May 31
3,800	18,500	Detroit Edison (Un)	10	31¼	31¾	32⅝	Sale	32⅜	32¾	32¼ May 9	33 May 15	31⅝ Jan 14	34¾ Jan 30
5,900	16,300	Dodge Manufacturing	5	28⅞	Sale	31	31¼	32	Sale	30½ May 6	32⅞ May 24	28⅞ Jan 2	32⅞ May 24
6,600	27,800	Dow Chemical Co	5	56	Sale	65⅝	Sale	62⅜	62¾	62¾ May 28	65⅞ May 1	55¾ Mar 1	65⅞ May 1
800	11,600	du Pont (E I) (Un)	5	234¼	235	252¼	253	252¼	Sale	250 May 20	254 May 10	236½ Jan 10	254 May 10
4,100	10,800	Eastern Air Lines Inc	1	19½	Sale	19⅞	Sale	22	Sale	19⅜ May 6	23 May 28	19¼ Jan 2	24½ Feb 14
3,000	18,800	Eastman Kodak (Un)	10	106⅝	107¼	116⅞	Sale	115	115½	112¼ May 20	117 May 2	108 Jan 3	122 Apr 26
18,400	99,600	El Paso Natural Gas	3	17⅛	Sale	20¼	Sale	19⅛	Sale	19 May 23	20¼ May 1	17⅛ Jan 2	20⅜ Apr 22
16	181	Elder Manufacturing Co	7.50	28	28½	13¾	--	12	16½	13¾ May 10	13¾ May 10	12¼ Mar 1	13¾ Apr 26
13,700	42,100	Emerson Electric Mfg	1	12¼	--	35	Sale	36½	Sale	35 May 1	36½ May 13	27⅜ Jan 3	36½ May 13
----	100	Erie Lackawanna RR Co	*	--	--	--	--	--	--	-- ------	-- ------	3⅞ Feb 25	3⅞ Feb 25
14,400	78,900	Fairbanks-Whitney Corp	1	4½	Sale	4½	Sale	5	Sale	4⅜ May 1	5⅜ May 9	4¼ Apr 16	6⅛ Jan 11
3,300	18,700	Fairchild Camera & Instrument Corp (Un)	1	45¼	Sale	36	Sale	38⅞	39⅜	36 May 1	38¼ May 13	32¾ Apr 5	50½ Jan 14
6,800	83,200	Firestone Tire & Rub (Un)	*	35⅛	Sale	37⅛	37½	35	Sale	35 May 31	37½ May 10	33 Mar 12	37⅝ Jan 29
4,600	22,900	First Wisconsin Bankshs	5	45	Sale	47½	Sale	48¾	Sale	47½ May 1	48⅞ May 23	44¾ Jan 16	48⅞ May 23
800	4,250	Flour Mills of America Inc	1	6½	7½	5	5½	6	Sale	6 May 31	6 May 31	5½ Apr 17	7¼ Feb 8
29,400	211,100	Ford Motor Co	2.50	45⅜	Sale	48⅞	Sale	51½	Sale	47⅞ May 6	51¾ May 31	42 Feb 28	51¾ May 31
11,100	34,900	Foremost Dairies Inc	2	8¾	Sale	9	Sale	10⅛	Sale	8⅞ May 3	11 May 20	8¾ Jan 2	11 May 20
3,250	49,350	Fruehauf Corp	1	24¾	Sale	29½	Sale	32¼	Sale	29⅜ May 1	32¾ May 14	24¾ Jan 2	32¾ May 14
10,600	20,750	Formerly Fruehauf Trailer FWD Corp	10	8⅞	9	9¼	9¾	10⅛	Sale	9¾ May 13	10⅛ May 31	8¾ Jan 2	10¼ Jan 31
600	7,600	General Amer Transport	1.25	70	70	76¼	Sale	75¼	76	76⅛ May 3	77 May 2	67½ Mar 4	77 May 2
600	6,600	General Bankshares Corp	2	8¾	9	9	Sale	8⅝	8⅞	8¾ May 29	9 May 1	8⅜ Apr 8	9¼ Jan 24
7,800	66,000	General Box Corp	1	2⅜	Sale	3⅜	Sale	3⅛	3¼	3⅛ May 28	3⅜ May 1	2⅜ Jan 2	3¾ Feb 7
604	3,202	General Candy Corp	5	9½	10	10¼	13	9⅞	11	10⅛ May 23	10½ May 3	9 Feb 12	12 Apr 9
3,900	39,200	General Contract Finance	2	5	5⅜	4⅞	Sale	5	Sale	4⅝ May 24	5 May 15	4⅝ May 24	5⅝ Apr 2
12,600	72,800	General Dynamics	1	28⅝	Sale	27	Sale	25½	Sale	25⅛ May 29	27 May 1	25⅛ May 29	29½ Feb 6
16,500	72,200	General Electric (Un)	5	76⅜	Sale	79¼	Sale	83⅞	Sale	79¼ May 1	84 May 31	72⅛ Mar 6	84 May 31
7,000	18,600	General Foods Corp	*	77¾	78½	81	Sale	81⅝	Sale	79 May 7	82⅜ May 17	78 Mar 1	85½ Feb 5
5,200	30,600	General Mills	3	31¾	Sale	36	Sale	36¾	Sale	34¼ May 20	36¾ May 3	31½ Jan 3	38 Apr 5
60,600	362,000	General Motors Corp	1.66⅔	58	Sale	68⅝	Sale	73	Sale	68⅝ May 1	73¼ May 10	57⅞ Jan 2	73¼ May 10
5,500	42,900	General Portland Cement	1	17½	Sale	22⅝	Sale	21⅞	Sale	21½ May 28	23⅛ May 13	17½ Jan 2	23⅛ May 13
2,800	10,700	Gen Public Util (Un)	2.50	32	32¼	34⅛	Sale	33⅞	Sale	33½ May 16	34½ May 10	32⅛ Jan 3	34¾ Feb 25
25,700	153,200	General Telephone & Electronics Corp	3.33⅓	23	Sale	26	Sale	26¼	Sale	25¾ May 6	26⅝ May 15	23 Jan 2	26⅝ May 15
79,000	186,900	General Tire & Rubber	30c	21	Sale	27⅝	Sale	25¾	26	25 May 27	27¾ May 1	20¾ Jan 16	27¾ May 1
----	4,000	Genesco Inc	1	--	--	--	--	--	--	-- ------	-- ------	36 Mar 26	36 Mar 26
----	500	Gerber Products Co	5	--	--	--	--	--	--	-- ------	-- ------	54¼ Jan 4	54¼ Jan 4
46,400	273,600	Gillette (The) Co	1	31¼	Sale	33¾	Sale	34	Sale	31½ May 22	35¼ May 13	28 Jan 11	36¾ Apr 9
----	5,800	Glen Alden Corp (Un)	1	9¾	10	--	--	--	--	-- ------	-- ------	10 Jan 4	12⅞ Feb 11
2,000	6,600	Glidden Co (Un)	10	36⅜	Sale	39⅛	Sale	41	41½	39⅛ May 1	41¼ May 29	36⅜ Jan 2	41¼ May 29
4,150	6,500	Goldblatt Brothers	8	14½	15½	15½	16½	14¼	15	14½ May 21	16½ May 6	13 Mar 14	18 Jan 15
13,600	91,900	Goodyear Tire & Rubber	*	33½	Sale	37⅛	Sale	36¾	Sale	35⅝ May 27	37⅝ May 16	32 Mar 1	37⅝ May 16
1,200	12,200	Gossard Co (H W)	*	17¼	18	17¾	18¼	18	18¼	17¾ May 3	18 May 9	17⅛ Jan 4	18¾ Jan 14
7,500	27,200	Granite City Steel	6.25	27⅝	Sale	30	Sale	30¼	Sale	28½ May 21	30¼ May 31	27⅝ Jan 2	33 Apr 16
5,900	25,400	Gray Drug Stores	1	13¾	Sale	13¼	Sale	13	Sale	12⅞ May 22	13¾ May 15	12⅞ May 22	15⅝ Jan 10
1,800	11,800	Great Lakes Dredge & Dk	*	44¾	45	54⅞	Sale	55½	56½	53¾ May 20	56 May 29	45 Jan 3	56 May 29
----	410	Gt Lakes Towing Co com	*	28	--	28	--	28	30	-- ------	-- ------	28 Mar 7	31 Jan 11
218	271	7% non-cum preferred	100	96½	--	96½	--	96½	--	96½ May 9	96½ May 9	96½ Apr 1	96½ Apr 1
125	1,455	Greif Bros Cooperage cl A	*	--	--	62⅛	63	62¾	65	62⅛ May 2	64 May 10	60 Jan 8	64 Mar 20
8,100	37,800	Greyhound Corp (Un)	3	31⅞	Sale	42	Sale	42¼	Sale	39½ May 21	44¼ May 2	31½ Jan 2	44¼ May 2
1,190	3,372	Griesedieck Co	1	12⅜	Sale	13½	--	13½	--	13½ May 3	13¾ May 23	12⅜ Jan 2	13¾ Apr 10
22,000	111,200	Gulf Oil Corp	8.33⅓	39½	Sale	46½	Sale	45½	Sale	44¾ May 6	46½ May 1	38¼ Jan 8	46⅝ Apr 30
2,100	10,200	Gulf States Utilities Co	*	39⅝	Sale	36½	37	36⅜	Sale	36 May 27	37⅝ May 9	34⅝ Jan 3	39 Mar 15
----	2,600	Hammond Organ Co	1	--	--	--	--	--	--	-- ------	-- ------	22 Mar 6	22⅝ Jan 25
6,500	17,100	Hanna (M A) Co	2.50	26¼	26½	31¾	32	32¾	Sale	31⅜ May 8	33 May 16	26¼ Jan 3	33 May 16
2,900	13,250	Heileman (G) Brewing	1	15½	16	18⅛	18½	18	Sale	17¼ May 23	18⅜ May 3	16 Jan 4	18¾ Apr 15
2,750	12,975	Hein-Werner Corp	3	15	15¼	15	15½	17½	Sale	15½ May 6	18⅜ May 22	13¾ Jan 25	18⅜ May 22
4,000	16,200	Heller (W E) & Co	25c	17⅝	Sale	16⅛	16⅜	14¾	Sale	14⅜ May 23	16⅛ May 2	14⅜ May 23	18⅞ Jan 28
1,300	7,900	Hertz Corp	1	44½	45	50⅛	50½	53¼	53⅝	49⅝ May 2	52½ May 20	42 Feb 12	52½ May 20
50	583	Hibbard Spencer Barlett	25	--	153	181	198	--	178	181 May 14	181 May 14	149 Jan 30	181 May 14
500	2,800	Holmes (D H) Co Ltd	20	23	23¾	29¼	29¾	29¾	30¼	29¾ May 3	30½ May 9	24 Jan 4	30½ May 9
8,200	118,400	Howard Industries Inc	1	6¾	Sale	7⅝	Sale	7½	7¾	7½ May 28	8 May 15	6⅝ Jan 3	8⅛ Feb 4
----	1,500	Hubbell (Harvey) class A	5	--	--	--	--	--	--	-- ------	-- ------	17⅝ Mar 7	17⅝ Mar 7
2,300	11,000	Hupp Corp	1	7⅞	Sale	7⅜	Sale	7⅛	7¼	7⅛ May 10	7⅜ May 1	6⅞ Mar 19	8½ Jan 9
1,200	5,450	Huttig Sash & Door	10	24½	25¼	26⅞	27	28	Sale	27 May 2	28 May 31	25¼ Jan 3	28 May 31
2,500	42,000	Illinois Brick Co	10	18¾	19½	22¾	Sale	23⅛	23⅞	19¾ May 20	23¼ May 23	19 Jan 8	26½ Mar 8
3,800	18,800	Illinois Central RR	*	39⅜	Sale	49¼	49¾	54	Sale	48¼ May 7	54 May 24	39⅜ Jan 2	54 May 24
21	21	Indiana & Michigan Electric Co 4⅛% preferred	100	--	--	--	--	--	--	92 May 10	92 May 10	92 May 10	92 May 10
300	500	Indianapolis Pow & Light	*	--	--	--	--	--	--	31 May 16	31¼ May 27	31 Mar 13	31¼ May 27
13,900	50,500	Inland Steel Co	*	36⅜	36¾	39	39⅜	42½	Sale	38 May 2	42¾ May 31	36 Mar 1	42¾ May 31
3,000	16,300	Interlake Steamship Co	*	25	25¾	30½	31¼	30	Sale	29 May 6	30½ May 3	26 Jan 4	32 Apr 23
11,500	39,500	Int'l Harvester Co	*	49¾	50⅛	60⅜	60⅝	60	Sale	58½ May 29	63 May 20	50⅞ Jan 4	63 May 20
4,200	17,200	Int'l Minerals & Chem	5	40¾	41¼	50⅞	Sale	55	55¾	50⅜ May 2	56¼ May 23	40¼ Jan 3	56¼ May 23
400	6,700	Int'l Nickel Co (Un)	*	62⅜	62⅞	64⅝	65⅛	63¾	64¼	65⅛ May 7	65¾ May 3	58⅞ Apr 3	67⅜ Jan 31
15,200	81,500	Internatl Paper (Un)	2.50	26⅜	Sale	32⅛	Sale	31⅞	Sale	30½ May 8	32¼ May 1	26⅜ Jan 2	32¼ May 1
2,500	11,300	International Shoe Co	*	25	25¾	27⅝	Sale	27	27⅜	26½ May 17	27⅝ May 1	25¾ Jan 3	28¼ Apr 24
5,300	41,800	Int'l Tel & Tel (Un)	*	41⅞	42⅛	48⅛	Sale	47¾	Sale	46¾ May 21	49¼ May 9	42⅝ Mar 21	49¼ May 9
----	2,000	Iowa Power & Light	10	--	--	--	--	--	--	-- ------	-- ------	55¼ Mar 28	55¼ Mar 28
5,000	26,400	Jefferson Electric Co	5	9	Sale	8⅞	Sale	8⅝	8⅞	8½ May 15	9 May 29	8½ Feb 13	10 Jan 15
2,600	13,800	Johns Manville Corp (Un)	5	43	43½	48⅛	Sale	49	Sale	48⅛ May 1	49⅜ May 15	43 Jan 3	50⅝ Jan 10
115	1,180	Johnson Stephens Shinkle	*	6	6⅜	--	6¾	5⅜	6	5⅜ May 9	5¾ May 24	5⅜ Apr 24	6½ Mar 19
2,700	17,900	Jones & Laughlin Steel (Un)	10	47⅞	Sale	55	55½	57	57½	53⅞ May 21	56¼ May 22	47⅞ Jan 2	58⅛ Apr 15

*No par value. †Corrected volume. a Deferred delivery sale. r Cash sale. x Ex-dividend. (Un) Issue admitted to unlisted trading privileges. y Ex-rights. z Ex-stock dividend.

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Aggregate Sales in May Shares	Sales Since Jan. 1 Shares	Midwest Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY — May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
5,500	18,700	Kaiser Alum & Chem	33⅓	35⅝	Sale	36¼	Sale	39⅞	Sale	36¼ May 1	40⅝ May 14	32¾ Mar 1	40⅝ May 14
1,000	8,100	Kansas City Pw & Lt (Un)	*	--	--	--	--	--	--	39⅝ May 9	39⅝ May 9	39½ Apr 17	40⅜ Feb 5
300	3,200	Kansas Pwr & Lt (Un)	8.75	47½	48¼	51¾	Sale	49½	50½	49⅝ May 22	51⅞ May 3	49⅝ May 22	53½ Mar 7
5,700	38,300	Kennecott Copper (Un)	*	66¾	Sale	78¾	79	76¼	Sale	75⅛ May 9	79¼ May 2	66¾ Jan 2	79¼ May 2
5,500	24,000	Kimberly-Clark Corp	5	54⅛	Sale	56⅛	Sale	55¾	Sale	54⅜ May 9	56⅛ May 1	52⅝ Mar 13	58⅜ Jan 11
1,900	9,900	Knapp Monarch Co	1	6⅝	Sale	7⅝	Sale	7½	Sale	7½ May 13	7⅝ May 1	6⅝ Jan 2	8⅛ Mar 11
1,500	11,700	Laclede Gas Co	4	27¾	Sale	34½	Sale	29¾	30¼	20 May 28	22 May 2	27¾ Jan 2	35⅜ May 7
1,250	4,050	Leath & Co	*	19⅛	20	22	23	20½	Sale	30 May 27	35⅜ May 7	19⅛ Jan 14	23½ Apr 22
41,300	88,900	Libby McNeil & Libby	7	12¼	12½	15⅝	Sale	15⅞	Sale	14¾ May 13	16¼ May 1	12¼ Jan 22	16¼ May 1
2,300	15,100	Liggett & Myers Tob (Un)	25	66¾	Sale	82	82¾	77¼	Sale	77⅛ May 29	83¾ May 6	66¾ Jan 2	83¾ May 6
6,000	18,650	Lincoln Printing Co com	50c	9	Sale	7¼	Sale	6¾	Sale	6¾ May 31	8¾ May 6	5⅞ Apr 16	9⅜ Jan 2
----	20	$3.50 preferred	*	--	46	--	43¼	--	43½	-- ------	-- ------	43¾ Jan 28	43¾ Jan 28
5,200	29,100	Ling-Temco Vought (Un)	50c	16½	Sale	15	Sale	14⅝	Sale	14½ May 7	15⅞ May 23	14 Apr 16	18⅛ Feb 27
6,200	21,100	Lockheed Aircraft (Un)	1	52¾	53¼	57	Sale	54⅛	Sale	54⅛ May 31	58⅛ May 10	49½ Jan 23	58⅛ May 10
4,500	20,300	Lorillard (P) Co (Un)	5	42½	42⅞	50⅞	Sale	50	50½	48⅝ May 3	53⅛ May 14	42½ Feb 28	54 Apr 18
----	----	Louisville Gas & Electric	*	--	--	--	--	--	--	-- ------	-- ------	36 Apr 19	36 Apr 19
500	4,700	Lytton's (Henry C) & Co	1	8¼	8¾	10⅛	Sale	8⅛	8¾	8⅝ May 27	10⅛ May 1	8¼ Jan 31	11⅛ Apr 26
7,300	31,100	Marathon Oil Co	*	44½	Sale	51⅛	Sale	53½	Sale	50½ May 3	53⅝ May 13	43½ Feb 28	53⅝ May 13
19,500	51,000	Marquette Cement Mfg	4	37	Sale	37	37⅜	39¼	39¾	37¼ May 7	40¼ May 23	34½ Jan 24	40¼ May 23
10,900	38,600	Marshall Field & Co	*	33¾	34¼	35⅞	Sale	35	Sale	33⅝ May 22	35⅞ May 1	32⅝ Apr 3	38¼ Feb 5
33,200	147,800	Martin-Marietta (Un)	1	21⅝	Sale	19⅝	Sale	19¼	Sale	19⅛ May 31	21 May 9	19⅛ May 31	22⅝ Jan 4
400	3,500	McCrory Corp	50c	16	16⅜	14	14⅛	--	--	13¼ May 3	13⅝ May 6	13¼ Apr 30	17 Feb 6
153	1,032	McKay Machine Co	*	47¾	Sale	48	51	51	Sale	48 May 8	51 May 2	47¾ Jan 2	51 Apr 22
7,650	15,450	Means (F W) & Co	*	35¼	Sale	39½	Sale	46½	47	39½ May 1	47¼ May 23	35 Jan 2	47¼ May 23
1,300	5,800	Merck & Co (Un)	16⅔c	77⅜	78¼	88¾	89½	89½	90	86 May 9	88¾ May 2	79¼ Jan 4	90½ Apr 26
3,100	10,800	Merritt Chapman & Scott	12½	12	12¼	12¾	13	12⅛	12⅜	12¼ May 13	12¾ May 2	12 Jan 25	13¼ Apr 26
1,900	10,100	Metropolitan Brick Inc	4	5⅝	Sale	5⅛	Sale	5	Sale	5 May 14	5½ May 20	5 Apr 22	6 Feb 8
120	2,114	Meyer Blanke Co	*	9⅛	Sale	7½	8½	7¾	8½	7½ May 6	7½ May 6	7½ Apr 29	9⅛ Jan 2
1,850	6,650	Mickelberry's Food Prod	1	17	17½	17¾	Sale	19	Sale	17½ May 6	19 May 31	17 Jan 9	19 May 31
8,000	39,800	Middle South Utilities	10	35¼	35¾	38⅛	38½	36⅞	37⅛	36¼ May 24	38½ May 7	35 Jan 17	39 Apr 1
4,700	23,600	Minneapolis Brewing Co	1	10⅛	Sale	12	Sale	12⅜	12¾	12 May 1	13¼ May 27	10⅛ Jan 2	13¼ May 27
20,400	80,000	Minn Min & Mfg (Un)	*	53	Sale	61⅛	Sale	59	Sale	58⅝ May 29	61¼ May 1	53 Jan 2	64⅜ Apr 24
9,500	46,900	Mississippi River Fuel	10	38⅜	Sale	39⅜	39⅞	40½	Sale	38½ May 6	40½ May 31	37½ Mar 19	43½ Feb 18
100	100	Missouri Portland Cem't	6.25	--	--	--	--	--	--	36⅜ May 16	36⅜ May 16	36⅜ May 16	36⅜ May 16
2,950	6,350	Modine Manufacturing Co	*	26	27	28	29	31½	Sale	27¾ May 15	31½ May 24	25¼ Mar 13	31½ May 24
----	1,737	Monroe Chemical Co	*	4	4⅞	3½	4½	3½	4	-- ------	-- ------	3½ Jan 16	4¾ Apr 17
7,500	49,400	Monsanto Chemical (Un)	2	49¾	Sale	53⅜	Sale	51½	51¾	51½ May 28	54 May 9	49 Jan 17	54½ Apr 10
22,800	122,400	Montgomery Ward & Co	*	32½	Sale	36⅜	Sale	36⅜	Sale	35⅜ May 27	38¾ May 9	32½ Jan 3	38¾ May 9
200	3,300	Morris (Philip) Inc (Un)	5	74¼	74¾	87	87¾	86	86¾	83⅞ May 16	86⅝ May 8	72¾ Feb 20	88 Apr 19
6,200	32,700	Motorola Inc	3	60¾	Sale	66½	Sale	69⅞	Sale	64⅛ May 7	69⅞ May 31	58½ Apr 5	72½ Feb 14
----	2,800	Muter Co	50c	3⅞	4⅜	4⅜	4¾	4½	4¾	-- ------	-- ------	4⅛ Jan 3	5⅛ Mar 14
2,200	4,500	Nachman Corp	5	--	--	--	--	--	--	5 May 13	5 May 13	5 Feb 26	5⅛ Apr 3
3,100	13,500	Nat'l Cash Register (Un)	5	80¼	80¾	70	Sale	69¾	70¼	70 May 1	72½ May 21	67 Mar 1	80⅝ Jan 8
5,500	35,400	Nat'l Distillers & Chem Corp (Un)	5	24⅜	Sale	25⅞	Sale	24¾	Sale	24⅛ May 13	25⅞ May 1	24 Feb 28	26⅛ Jan 28
2,500	12,500	Nat'l Gypsum Co (Un)	1	40½	40⅞	49½	49⅞	47½	Sale	46 May 24	50 May 3	41⅜ Jan 4	50 May 3
5,200	21,500	National Lead Co	5	--	--	72¼	Sale	71	Sale	70 May 27	73¾ May 14	70 May 27	76½ Apr 1
900	8,100	National Tile & Mfg	1	3⅛	Sale	4½	5	4⅜	4⅝	4 May 14	4⅝ May 2	3 Feb 5	5¼ Mar 27
8,700	27,300	New York Central RR	1	15⅜	Sale	18½	Sale	21⅞	Sale	18 May 27	21⅞ May 31	15¼ Jan 2	21⅞ May 31
3,400	28,700	Nor Amer Aviation (Un)	1	64¾	65	62	Sale	58¼	58⅝	58 May 29	63⅜ May 13	58 May 29	64⅞ Apr 8
1,400	7,400	North American Car Corp	7	24⅜	Sale	25⅝	25⅞	23¼	24	23 May 31	25⅜ May 2	21 Mar 5	25⅝ May 2
850	3,150	Northern Illinois Corp	*	15	15½	16⅝	Sale	16¾	17	16⅝ May 1	17⅛ May 16	15 Jan 7	17⅛ May 16
31,100	140,800	Northern Illinois Gas Co	5	58½	Sale	63½	Sale	62⅛	Sale	62 May 29	66½ May 15	57¾ Jan 7	66½ May 15
7,500	42,700	Northern Indiana Public Service Co	*	39½	39⅞	52¼	Sale	50⅜	Sale	49⅞ May 24	52⅜ May 10	43¾ Jan 4	52⅜ May 10
2,300	16,200	Northern Natural Gas Co	10	43⅜	Sale	51⅞	Sale	52⅝	Sale	51⅞ May 1	54⅜ May 13	43⅜ Jan 2	54⅜ May 13
3,100	24,700	Northern Pacific Ry (Un)	5	39½	39⅞	46½	Sale	48⅜	Sale	45⅛ May 7	48⅜ May 31	39⅛ Jan 17	48⅜ May 31
6,300	31,800	Northern States Power (Minn) (Un)	5	35½	Sale	35¼	Sale	36⅞	Sale	34¼ May 6	37 May 31	33½ Mar 29	37 May 31
600	4,500	Northwest Bancorp	3.33	44	44¾	48	48½	46½	47¼	45½ May 21	47¼ May 9	43¾ Jan 8	49¾ Jan 29
1,300	17,700	Oak Manufacturing Co	1	13⅛	13⅜	--	--	--	--	16⅛ May 14	16⅛ May 14	13¼ Jan 7	17½ Apr 1
900	5,100	Ohio Edison Co	15	47¼	Sale	50½	Sale	48½	49	47¾ May 28	50½ May 1	47¼ Jan 2	50½ Feb 13
3,500	7,900	Oklahoma Nat Gas Co	7.50	36¼	36¾	35⅛	35⅝	34⅝	Sale	34⅝ May 31	35½ May 2	34⅝ May 31	37⅞ Mar 5
6,700	20,700	Olin Mathieson Chemical	5	31½	Sale	39⅛	Sale	39⅝	39⅞	38¼ May 27	41⅜ May 13	31½ Jan 2	41⅜ May 13
----	2,600	Owens-Illinois Glass Co	6.25	--	--	--	--	--	--	-- ------	-- ------	72½ Jan 24	72½ Jan 24
4,000	16,900	Pacific Gas & Elec (Un)	10	32	Sale	33⅜	Sale	32½	Sale	32⅜ May 27	33½ May 3	32 Jan 2	34½ Jan 28
2,900	9,200	Packaging Corp of Amer	5	15⅞	16¼	14¼	Sale	14⅞	Sale	14¼ May 1	15½ May 3	14 Apr 25	17½ Jan 16
12,000	56,600	Pan American World Airways Inc (Un)	1	22	Sale	35¼	Sale	39½	Sale	34 May 7	39⅞ May 24	21¾ Jan 4	39⅞ May 24
500	2,200	Paramount Pictures (Un)	1	36⅛	36⅝	37	37¼	46⅝	47⅛	42⅛ May 9	46 May 20	36 Mar 20	46 May 20
15,600	96,300	Parke-Davis & Co	*	24¾	25	29⅜	Sale	28¼	Sale	26⅞ May 28	29¾ May 1	24½ Mar 20	29¾ May 1
700	700	Parker Pen class B	2	--	--	--	--	--	--	22⅜ May 9	22⅝ May 6	22⅜ May 9	22⅝ May 6
1,900	15,200	Peabody Coal Co	5	30⅝	30⅞	34¼	Sale	34⅝	34⅞	34¼ May 1	34⅞ May 15	29⅝ Jan 28	36 Apr 4
16,900	65,700	Pennsylvania RR	10	13¼	Sale	15½	Sale	18	Sale	15⅛ May 6	18 May 31	13¼ Jan 2	18 May 31
5,200	41,900	Peoples Gas Lt & Coke	*	47½	Sale	54	Sale	53½	54	52¼ May 27	56⅛ May 15	46 Feb 12	56⅛ May 15
2,000	8,600	Pepsi-Cola Co	33⅓c	46⅛	46½	49¾	Sale	48⅜	48⅝	46½ May 27	51¼ May 9	46½ May 27	51¼ May 9
5,300	31,100	Pfizer (Charles) (Un)	33⅓c	47	Sale	53¾	Sale	52⅞	53¼	51 May 27	54⅜ May 8	47 Jan 2	54⅜ May 8
2,700	16,100	Phelps Dodge (Un)	12.50	54¾	Sale	59¾	60	60	Sale	59 May 10	61 May 22	53 Mar 1	61 May 22
21,800	59,400	Phillips Petroleum Co (Un)	5	49	Sale	53¾	Sale	53⅛	Sale	52 May 15	55¼ May 22	47⅛ Jan 14	55¼ May 22
553	2,708	Potter Co (The)	1	16½	18½	13	16⅛	12½	--	13 May 9	16 May 10	13 May 9	17 Feb 5
23	23	Process Corp	*	14¾	--	15	--	16⅜	--	15 May 21	16⅜ May 21	15 May 21	16⅜ May 21
4,000	35,800	Procter & Gamble (Un)	*	70⅞	Sale	77¾	78¼	77	Sale	76¼ May 8	78⅝ May 13	70⅛ Mar 1	79 Apr 16
----	16,000	Pub Serv Co of Colo	5	--	--	--	--	--	--	-- ------	-- ------	28⅞ Apr 10	29⅜ Jan 16
2,800	29,300	Public Serv Corp of Ind	*	32¼	32¾	36	Sale	38⅝	38⅞	35¾ May 8	38½ May 29	32½ Jan 4	38½ May 29
3,400	26,400	Pullman Co (Un)	*	24⅛	Sale	30⅛	Sale	30⅜	Sale	30 May 6	31¼ May 15	24 Jan 2	31¼ May 15
8,000	46,200	Pure Oil Co	5	37	37¼	40½	Sale	42¼	Sale	38½ May 8	42¼ May 31	36½ Jan 11	42¼ May 31
2,500	8,600	Quaker Oats Co	5	62	62¾	63½	Sale	64½	Sale	62¼ May 1	66 May 10	61¼ Apr 17	69 Jan 24
11,800	61,500	Radio Corp of Amer (Un)	*	57¼	Sale	64½	Sale	69⅞	Sale	63½ May 6	70 May 31	56¾ Jan 3	70 May 31
3,900	21,600	Raytheon Company	5	28⅜	28⅝	22½	22⅞	22¾	Sale	22 May 6	24⅝ May 17	21⅝ Apr 23	30¼ Feb 25
16,900	78,700	Republic Steel (Un)	10	35	Sale	38⅞	Sale	39⅜	Sale	38 May 2	39⅜ May 22	34⅞ Jan 2	41¼ Apr 16
4,500	17,800	Revlon Inc	*	40⅝	Sale	44¼	Sale	41⅜	Sale	40¾ May 31	44¼ May 1	40¾ May 31	48¾ Jan 24
3,500	20,200	Rexall Drug & Chemical (Un)	2.50	33	Sale	35⅜	Sale	34⅛	Sale	33⅞ May 20	35⅜ May 1	29⅛ Mar 8	37 Jan 7
32,300	90,800	Reynolds Metals Co (Un)	*	23¾	Sale	29⅛	Sale	34⅜	Sale	28⅞ May 1	35 May 14	23¾ Jan 2	35 May 14
20,200	124,600	Reynolds (R J) Tob (Un)	5	41¾	Sale	44⅞	Sale	42⅝	Sale	42½ May 29	47¼ May 14	38½ Mar 1	47¼ May 14
4,150	47,000	Richman Bros Co	*	28	Sale	29¼	Sale	28⅝	Sale	28⅝ May 22	30⅛ May 8	27⅝ Apr 11	30⅞ Jan 24
400	400	Rockwell Standard Corp	5	--	--	--	--	--	--	39⅜ May 6	40⅜ May 22	39⅜ May 6	40⅜ May 22
27,600	123,700	Royal Dutch Petrol (Un)	10g	43⅝	Sale	49¾	Sale	48¼	Sale	47 May 7	49¾ May 1	43½ Jan 2	49¾ May 1

*No par value. †Corrected volume. a Deferred delivery sale. r Cash sale. t Ex-liquidating distribution. x Ex-dividend. (Un) Issue admitted to unlisted trading privileges. y Ex-rights.

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Aggregate Sales in May Shares	Sales Since Jan. 1 Shares	Midwest Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
772	2,617	St Louis Nat Stockyards		--	53	50½	52	50	Sale	50 May 6	51¾ May 22	48 Jan 9	53 Jan 7
500	58,200	St Louis Pub Serv cl A	12	13⅜	Sale	13⅞	Sale	--	--	13⅞ May 1	13⅞ May 1	13⅜ Jan 2	14 Apr 25
6,300	42,800	St Regis Paper Co	5	26⅝	Sale	33½	Sale	34	Sale	32⅞ May 6	34 May 2	26⅝ Jan 2	34¼ Apr 23
11,000	74,800	San Diego Imperial Corp	1	10	Sale	12⅝	Sale	12	Sale	11¼ May 28	12⅞ May 16	10 Jan 2	13¾ Apr 15
300	4,200	Sangamo Electric Co	5	11⅝	11⅞	11⅞	12	--	--	11¾ May 9	11⅞ May 2	11¼ Apr 10	13⅛ Jan 11
6,100	15,400	Schenley Indus (Un)	1.40	18⅜	18⅝	20	Sale	21⅞	Sale	19⅞ May 8	23 May 21	18½ Jan 3	23 May 21
4,400	17,700	Schering Corp (Un)	1	40⅜	40⅝	41¼	Sale	40	Sale	40 May 27	42¼ May 16	38¾ Apr 1	44⅞ Jan 18
2,066	6,968	Schwitzer Corp	1	59	Sale	76	Sale	80	Sale	72 May 22	80 May 13	59 Jan 2	80 Apr 23
14,200	77,900	Sears Roebuck & Co	3	76½	Sale	83	Sale	89¾	Sale	83 May 1	90¼ May 22	74⅜ Jan 17	90¼ May 22
1,900	12,600	Servel Inc	1	9⅛	9¾	8⅞	Sale	8⅛	Sale	8⅛ May 31	8⅞ May 1	8⅛ May 31	11¼ Jan 22
1,100	6,400	Shaeffer (WA) Pen Co cl A	1	8⅛	8⅝	9¼	Sale	8¾	9	8⅝ May 14	9¼ May 1	8⅝ Jan 3	9¼ Apr 11
1,400	6,600	Class B	1	8¼	8⅝	9	Sale	8¾	9	8¾ May 14	9¼ May 21	8⅝ Jan 3	9⅜ Apr 30
9,000	38,600	Shell Oil Co	1	38	Sale	41½	Sale	43¼	Sale	40½ May 7	43⅞ May 13	34¾ Jan 17	43⅞ May 13
----	2,000	Signode Steel Strapping	1	23⅞	24¼	--	--	--	--	-- ------	-- ------	22½ Mar 4	22⅝ Mar 4
15,500	81,200	Sinclair Oil Corp	5	35⅞	Sale	46⅜	Sale	45	Sale	43¼ May 8	46⅜ May 1	35½ Jan 2	46⅝ Apr 30
10,100	61,900	Socony Mobil Oil (Un)	15	58¾	Sale	67¼	Sale	68⅝	Sale	64½ May 8	69½ May 29	58½ Jan 22	69½ May 29
6,800	59,000	Southern Co (Un)	5	51¼	Sale	55¾	Sale	54	54¼	54⅜ May 29	56⅞ May 13	51⅛ Jan 2	56⅞ May 13
13,900	71,500	Southern Pacific Co (Un)	*	29½	Sale	33¾	Sale	36⅛	Sale	33⅜ May 6	36⅝ May 31	28½ Feb 28	36⅝ May 31
500	6,200	Southwest'n Pub Serv Co	1	34¼	34¾	35¾	36¼	36½	Sale	34⅝ May 9	37 May 29	33½ Mar 8	37 May 29
----	35	Sparton Corp 6% pfd	100	89½	96	90	--	88½	--	-- ------	-- ------	96 Mar 18	96 Mar 18
36,800	179,500	Sperry-Rand Corp (Un)	50c	13¾	Sale	13¼	Sale	13⅝	Sale	13⅛ May 2	14¼ May 7	13 Jan 11	15 Jan 18
3,500	22,500	Spiegel Inc	*	25¼	Sale	29¾	Sale	30⅝	Sale	29 May 8	32¼ May 20	25¼ Jan 2	32¼ May 20
2,200	9,300	Square D Co (Un)	5	36¼	Sale	42⅞	Sale	47¼	Sale	42 May 7	47½ May 17	36 Jan 2	47½ May 17
300	800	Standard Dredging	1	7⅝	8⅛	8½	9	10¾	11	9 May 3	10⅛ May 24	8⅛ Jan 16	10⅛ May 24
2,300	10,200	Stand Kollsman Ind (Un)	1	18¾	19	16⅛	Sale	16½	16¾	15 May 8	16⅜ May 13	15 May 8	20½ Feb 14
9,100	32,200	Stand Oil Co of Calif	6.25	62	Sale	67⅛	67⅝	64	Sale	63⅜ May 20	68 May 6	61½ Feb 28	69 Apr 24
14,900	129,500	Standard Oil of Indiana	25	47	Sale	59⅞	Sale	57¾	Sale	57¼ May 26	60⅜ May 2	47 Jan 2	60⅜ May 2
35,700	236,300	Standard Oil N J (Un)	7	59½	Sale	67⅞	Sale	67½	Sale	64½ May 20	68 May 2	58½ Jan 2	68 Apr 15
2,600	22,100	Standard Oil of Ohio	10	53¼	Sale	68¾	Sale	64¾	Sale	60 May 20	70 May 13	52¾ Jan 2	70 May 13
3,000	18,400	Standard Packaging	1	14½	Sale	13⅝	13⅞	13½	13¾	13⅜ May 28	14½ May 16	13⅜ May 28	16⅛ Jan 15
----	10,400	Stanray Corp	1	7¼	Sale	--	--	--	--	-- ------	-- ------	7¼ Jan 2	9⅜ Feb 25
3,300	24,700	Stewart-Warner Corp	2.50	30	Sale	36½	Sale	35¾	Sale	35 May 16	36½ May 1	29¼ Feb 25	36¾ Apr 25
1,580	6,280	Storkline Corp	5	31	Sale	30⅛	Sale	31	--	28¼ May 3	33 May 29	28¼ May 3	33½ Mar 25
33,800	131,900	Studebaker Corp (Un)	1	6¼	Sale	6¼	Sale	6	Sale	5⅞ May 20	6¼ May 1	5⅞ May 20	8 Feb 14
4,000	20,100	Sunbeam Corp	1	42½	43	48¾	49¼	49½	50⅛	46½ May 10	50¾ May 24	42 Jan 25	50¾ May 24
7,000	21,700	Sunstrand Corp	5	22¼	Sale	23½	Sale	27¼	Sale	23⅜ May 1	28 May 23	22¼ Jan 2	28 May 23
34,700	221,100	Sunray D X Oil Co	1	25½	Sale	32⅞	Sale	33¼	Sale	31⅞ May 8	34⅝ May 17	25½ Jan 2	34⅞ Apr 18
3,800	22,500	Swift & Co	25	40¾	Sale	43⅛	Sale	43⅛	Sale	42¼ May 3	43⅝ May 15	40¾ Jan 2	43⅞ Apr 10
34,300	249,700	Tenn Gas Transmission	5	18	Sale	21⅜	Sale	20¾	Sale	20½ May 20	21⅜ May 1	17⅞ Jan 2	21½ Apr 30
16,200	87,700	Texaco Inc	12.50	61¾	Sale	69¾	Sale	66⅝	Sale	65¼ May 24	69⅞ May 1	59½ Jan 7	69⅞ Apr 15
16,300	69,700	Texas East'n Trans Corp	3.50	16⅜	Sale	18⅜	Sale	18⅛	Sale	18 May 23	18⅝ May 2	16⅜ Jan 2	18⅝ May 2
----	5,300	Texas Gas Transmission	5	41½	42	--	--	--	--	-- ------	-- ------	41½ Mar 4	45 Apr 17
6,300	35,900	Texas Gulf Producing	3.33⅓	41⅝	42⅛	53⅞	Sale	58⅞	Sale	53⅞ May 1	60⅛ May 27	43½ Jan 9	60⅛ May 27
18,500	83,500	Texas Gulf Sulphur (Un)	*	14⅛	Sale	15½	Sale	15¾	Sale	15⅛ May 13	16¼ May 16	13¾ Mar 27	16⅝ Apr 24
4,900	27,300	Textron Inc	50c	29⅞	Sale	34¾	Sale	36⅝	Sale	34 May 6	37½ May 20	29½ Mar 21	37½ May 20
400	3,200	Thompson Ramo-Wooldr	5	52¼	52¾	57¼	57¾	58¼	58¾	57¼ May 3	58 May 28	53¾ Mar 14	58 May 28
----	600	Thor Power Tool Co	*	29	29½	--	--	--	--	-- ------	-- ------	31⅛ Apr 4	32¾ Feb 12
100	2,900	Toledo Edison Co	5	26¼	26½	28½	28⅞	29⅛	29⅜	28⅞ May 14	28⅞ May 14	25¾ Mar 1	28⅞ May 14
2,800	2,800	Trane Co	2	--	--	75¼	Sale	--	--	75¼ May 1	75¼ May 1	75¼ May 1	75¼ May 1
1,700	10,900	Transamerica Corp (Un)	2	44⅝	45	52⅞	Sale	52¾	53⅛	51 May 20	53⅞ May 6	44¾ Feb 5	53⅞ May 6
500	4,400	Trav-ler Industries	1	4	4¼	4⅛	4⅜	--	--	4⅛ May 15	4¼ May 7	4 Apr 2	4¾ Jan 10
2,300	8,400	Tri-Continental Corp (Un)	1	42¼	42¾	46¾	Sale	47⅛	Sale	46¼ May 29	47¾ May 16	42¾ Mar 4	48 Apr 8
3,600	8,400	20th Cent-Fox Film (Un)	1	20	20¼	30⅝	Sale	36	Sale	30¼ May 2	36 May 31	21⅞ Jan 4	36 May 31
216	719	208 So La Salle St Corp	*	72½	77	75	75½	75	Sale	75 May 2	75½ May 2	71½ Jan 7	76 Jan 10
700	4,900	Union Bag-Camp (Un)	6⅔	34½	35	38	38½	40⅞	41¼	38 May 9	41 May 23	35¾ Feb 26	41 May 23
11,700	54,300	Union Carbide Corp	*	101	Sale	110¼	110⅝	110¼	Sale	109¼ May 6	112 May 17	101 Jan 2	112 May 17
1,600	18,000	Union Electric Co (Un)	10	48	48½	55⅞	Sale	--	--	55⅛ May 2	56¾ May 8	48¾ Jan 4	56¾ May 8
6,300	7,200	New common	5	--	--	27¾	28¼	27½	Sale	27½ May 24	28¼ May 7	27⅜ Apr 24	28¼ May 7
1,700	11,700	Union Oil of Calif	25	63	63⅜	67	Sale	71	Sale	67 May 1	71¼ May 23	60¼ Jan 25	71¼ May 23
14,300	54,700	Union Pacific RR (Un)	10	33½	Sale	39⅜	Sale	41⅞	Sale	38⅞ May 7	41⅞ May 21	33½ Jan 2	41⅞ May 21
2,200	12,700	United Air Lines Inc	10	31⅞	32¼	40	Sale	40⅞	41¼	39¼ May 10	41¾ May 23	32⅛ Jan 7	41¾ May 23
11,100	25,300	United Fruit Co (Un)	*	21⅞	Sale	26⅛	Sale	29½	Sale	26⅛ May 1	30 May 22	21⅞ Jan 2	30 May 22
4,800	36,300	U S Gypsum	4	73½	74	82¾	Sale	84¾	Sale	80¾ May 6	84¾ May 31	73⅞ Jan 3	84¾ May 31
4,300	22,500	U S Rubber (Un)	5	40⅜	40¾	47¼	Sale	47	Sale	46 May 8	49 May 21	40⅝ Jan 3	49 May 21
44,300	254,800	U S Steel Corp	16⅔	44⅛	Sale	49⅝	Sale	52⅛	Sale	48 May 7	52¼ May 31	43⅝ Jan 2	54 Apr 16
11,300	42,400	Universal Match Corp	2.50	13⅞	Sale	14½	Sale	16⅜	16⅝	14½ May 1	17¼ May 15	13½ Apr 4	17¼ May 15
4,800	36,400	Universal Oil Products Co	1	38¼	38⅝	33¼	Sale	34⅛	34½	33¼ May 1	36 May 1	28½ Apr 2	42⅜ Jan 9
6,300	32,800	Upjohn Co (Un)	1	33	Sale	39½	Sale	40¾	Sale	39½ May 1	42½ May 15	33 Jan 2	42½ May 15
2,500	5,400	Walgreen Co	10	46½	47	44	Sale	42¾	43¼	42½ May 20	44¼ May 2	42½ May 20	48⅛ Feb 1
23,000	75,500	Webcor Inc	1	6⅝	Sale	6¾	6⅞	6	Sale	5¼ May 9	6¾ May 3	5¼ May 9	7¾ Jan 7
2,000	19,600	Western Bancorp (Un)	2	32⅜	32¾	38½	Sale	38½	38¾	38⅛ May 7	39½ May 21	32 Jan 17	40 Apr 15
12,800	57,100	Western Union Teleg	2.50	26⅝	Sale	30⅝	Sale	30⅝	Sale	29⅝ May 8	31¾ May 21	26½ Jan 2	33 Apr 9
15,800	87,600	Westinghouse Electric	6.25	32	Sale	35¾	Sale	36¾	Sale	35⅛ May 6	37⅜ May 13	31⅞ Jan 3	37½ Apr 24
4,400	34,800	Whirlpool Corp	5	35¾	36⅛	47¾	Sale	50½	Sale	47 May 7	50½ May 31	36½ Jan 11	50½ May 31
59	470	Wieboldt Stores $4.25 pfd	*	79	84⅞	81	Sale	75	--	81 May 1	81 May 1	75 Feb 25	81 Apr 4
1,400	6,300	Wilson & Co (Un)	*	38¼	Sale	41	41¾	41¾	42¼	40 May 17	42¼ May 29	38 Jan 3	43 Jan 23
600	4,900	Wisconsin El Pow (Un)	10	57½	58	59	Sale	--	--	57¾ May 6	59⅜ May 13	56¼ Mar 12	62 Jan 31
3,000	3,000	New common (Un)	10	--	--	29¼	29¾	30¾	Sale	29½ May 8	31¾ May 20	29½ May 8	31¾ May 20
400	5,900	Wisconsin Public Service	10	44½	Sale	45⅜	45⅞	--	--	45½ May 20	46¾ May 13	42¾ Jan 30	46¾ May 13
2,700	10,800	Woolworth (FW) Co (Un)	10	64⅜	Sale	73¼	73¾	74⅞	Sale	73¼ May 28	75⅜ May 22	63¼ Feb 13	75⅜ May 22
14,300	77,900	World Publishing Co	1	9	9¼	15¼	Sale	13	Sale	12 May 10	15¼ May 1	9 Jan 9	15⅜ Apr 30
300	1,700	Wrigley (Wm) Jr	*	103½	105	101¼	102	97½	98½	98 May 22	101¼ May 3	98 May 22	106¼ Feb 5
200	2,600	Yates-Amer Machine	5	14	14½	15⅝	16	15¾	16¼	15⅞ May 15	16 May 8	13⅝ Jan 9	16½ Feb 26
4,900	14,000	Youngstown Sheet & Tube	*	85¼	Sale	99¾	Sale	105	105½	98½ May 7	104 May 29	85¼ Jan 2	104 May 29
10,800	69,100	Zenith Radio Corp	1	54¾	Sale	57½	Sale	59	Sale	55 May 24	59 May 31	51⅜ Mar 20	59⅜ Jan 22
$	$	BONDS											
----	1,000	Monroe Chemical 5s	1985	--	--	--	--	68	--	-- ------	-- ------	68 Mar 20	68 Mar 20

*No par value. ‡Corrected volume. a Deferred delivery sale r Cash sale. x Ex-dividend. (Un) Issue admitted to unlisted trading privileges Ex-rights. z Ex-stock dividend.

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Philadelphia-Baltimore-Washington Stock Exchange

Monthly and Yearly Record

RANGE OF PRICES ON THE PHILADELPHIA-BALTIMORE-WASHINGTON STOCK EXCHANGE

Stock Sales—	1963	1962	Bond Sales—	1963	1962
May (Shares)	1,345,908	1,586,555	May	$5,000	------
Jan. 1 to May 31 (Shares)	6,426,867	6,054,189	Jan. 1 to May 31	5,000	$27,400

Aggregate Sales in May Shares	Aggregate Sales Since Jan. 1 Shares	Phila.-Balt.-Wash. Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	MONTH OF MAY — May 1 Opening or Bid	MONTH OF MAY — May 1 Opening or Ask	MONTH OF MAY — May 31 Closing or Bid	MONTH OF MAY — May 31 Closing or Ask	MONTH OF MAY — Lowest Sale Prices	MONTH OF MAY — Highest Sale Prices	RANGE SINCE JAN. 1 — Lowest Sale Prices	RANGE SINCE JAN. 1 — Highest Sale Prices
		LISTED ISSUES											
4,362	17,501	Acme Markets Inc	1	71¼	Sale	72¾	Sale	71¼	Sale	71⅛ May 15	73¾ May 24	68 Feb 28	80¼ Jan 15
734	2,018	Alan Wood Steel com	10	12½	12⅞	16⅛	16½	18⅛	18½	15⅞ May 3	18¾ May 21	12⅞ Feb 5	18¾ May 21
----	320	5% preferred	100	62½	64½	78	79½	77¾	79¼	-- ------	-- ------	69½ Apr 10	75 Apr 17
25,046	174,408	American Tel & Tel	33⅓	115¾	Sale	125⅝	Sale	122¾	Sale	121⅝ May 29	126⅛ May 1	114½ Jan 2	126¼ Apr 19
3,471	10,331	Arundel Corp	*	24½	25	26½	27	26⅞	27¾	26¼ May 16	27¼ May 29	24⅝ Jan 7	28⅛ Feb 11
3,477	15,820	Atlantic City Electric	4.33	43	44	46½	Sale	45½	Sale	45 May 29	47⅛ May 6	43¼ Jan 3	48¼ Jan 26
2,864	13,997	Atlantic Research Corp	1	13⅛	Sale	11¾	12	10	Sale	9 May 14	11½ May 2	9 May 14	14½ Jan 31
1,342	8,410	Baldwin-Lima-Hamilton	13	13	Sale	12⅜	Sale	13⅞	14⅛	12¼ May 1	14½ May 22	12¼ May 1	14¼ Jan 8
11,282	33,141	Baltimore Transit Co	1	8	8⅛	10⅛	10⅜	11	Sale	10⅛ May 10	11 May 21	8⅛ Jan 3	11 May 21
2,212	12,275	Budd Co	5	11⅝	11⅞	13⅜	Sale	14¼	Sale	13¼ May 1	14⅜ May 29	12¼ Jan 3	15⅛ Apr 16
1,258	6,917	Campbell Soup Co	1.80	94⅜	94⅝	94	Sale	97¼	Sale	93¾ May 1	99 May 24	92¼ Apr 17	107 Jan 28
350	1,220	Central RR of New Jersey	50	22	23½	19	20	20	22	19½ May 13	21 May 27	19½ May 13	24½ Jan 17
2,753	69,271	Chrysler Corp	25	73¼	Sale	106¼	Sale	--	--	101¾ May 6	107⅛ May 1	71¾ Jan 2	110¼ Apr 19
21,023	22,444	New common w i	12.50	--	--	--	--	64¼	Sale	51½ May 6	64¼ May 31	51½ Apr 29	64¼ May 31
667	11,159	Curtis Publishing	1	6	6¼	6¾	7	7¾	8	6⅝ May 8	7¼ May 23	6½ Mar 28	8¼ Feb 18
		D C Transit System—											
----	308	Class A common	20c	11	11¼	10¾	11	10⅝	11	-- ------	-- ------	10⅝ Mar 20	11 Jan 3
1,089	6,650	Delaware Pwr & Light	6.75	47¼	Sale	52⅛	Sale	53	Sale	52 May 9	54⅞ May 16	46¼ Jan 3	54⅞ May 16
6,369	27,488	Duquesne Light Co	5	30⅞	Sale	33	Sale	32⅜	Sale	32¼ May 28	33⅞ May 16	30 Apr 1	33⅞ May 16
732	4,544	Electric Storage Battery	10	50¼	Sale	55¼	Sale	55½	Sale	54⅜ May 1	55¾ May 15	50¼ Jan 2	57⅛ Apr 16
		Finance Co of America—											
20	837	Class A	5	--	--	--	--	--	--	24¾ May 21	24¾ May 21	24¾ Feb 28	25½ Jan 21
		Firemans Insurance Co of											
----	----	Washington (D C)	20	29½	--	29½	--	29½	--	-- ------	-- ------	-- ------	-- ------
3,432	18,307	Food Fair Stores	1	21⅛	Sale	24	Sale	23¾	Sale	23½ May 2	24½ May 22	21⅛ Jan 2	25½ Feb 8
25,868	107,093	Ford Motor Co	2.50	46¼	Sale	48¾	Sale	51¾	Sale	47¾ May 7	52 May 31	41¾ Feb 28	52¼ Apr 9
5,091	17,500	Foremost Dairies Inc	2	8½	Sale	8⅞	Sale	10¼	Sale	8¾ May 2	11¼ May 20	8½ Jan 2	11¼ May 20
228	1,153	Garfinkel (Julius) com	50c	39¾	--	36½	37½	37½	38	36 May 20	36½ May 3	36 May 20	41⅜ Jan 29
1,191	6,874	General Acceptance Corp	1	--	--	--	--	--	--	19⅝ May 9	20½ May 20	19⅝ May 9	22⅛ Apr 4
----	250	60c conv voting pfd	*	--	--	--	--	--	--	-- ------	-- ------	12¼ Jan 8	12½ Apr 5
354	1,047	$1 preferred	*	16¼	17¼	17½	19	17½	18½	17½ May 27	18¼ May 3	16 Feb 5	18½ Apr 26
33,600	217,042	General Motors Corp	1.66⅔	58⅛	Sale	69⅛	Sale	72¾	Sale	67⅞ May 13	73½ May 10	57⅝ Jan 2	73½ May 10
176	981	Giant Food class A	1	12⅜	13	11½	12¼	11	11⅝	11⅜ May 16	11¾ May 2	10⅜ Apr 11	14¾ Feb 4
----	200	Gimbel Bros	5	33¼	33½	37⅛	37⅜	37¾	38	-- ------	-- ------	38 Apr 1	38 Apr 1
351	1,284	Homasote Co	1	9	10½	8½	9	10½	12	8⅜ May 7	10½ May 29	8⅜ May 7	10½ Jan 11
		Hudson Pulp & Paper—											
----	----	5% series A preferred	25	21	--	22	23	22	23	-- ------	-- ------	-- ------	-- ------
----	----	5.12% series B pfd	25	22	--	22¾	23¾	22½	23½	-- ------	-- ------	-- ------	-- ------
80	109	$1.41 conv 2nd pfd	24.50	22	--	26½	27½	25¾	26¾	27½ May 3	27½ May 3	27½ May 3	29 Jan 29
2,383	16,779	International Resistance	10c	26	27	22¾	Sale	23	Sale	22½ May 3	23⅞ May 14	20⅛ Apr 19	29 Feb 7
11	166	Lanston Industries	5	--	--	2¾	3⅛	2⅞	3	3 May 1	3 May 1	2¾ Feb 8	3 May 1
12	12	Lehigh Coal Navigation	1	--	--	--	--	6⅞	7⅛	6⅞ May 28	6⅞ May 28	6⅞ May 28	6⅞ May 28
342	2,067	Macke Vending Corp cl A	1	23	23½	23¼	Sale	23	23⅜	22¼ May 10	23¾ May 22	21⅞ Feb 1	24⅛ Jan 4
3,007	18,864	Madison Fund Inc	1	22⅞	Sale	21⅜	Sale	22¼	Sale	21⅜ May 1	22⅜ May 15	19⅞ Mar 1	24 Jan 14
15,704	64,491	Martin-Marietta Corp	1	21½	Sale	19½	Sale	19	Sale	19 May 31	21 May 9	19 Apr 30	22¾ Jan 4
1,326	5,750	Merck & Co Inc	16⅔c	77¾	Sale	88⅞	89⅛	89½	Sale	85⅝ May 7	89½ May 24	77¾ Jan 2	90¼ Apr 26
----	2,408	Mergenthaler Linotype	25c	22⅝	22⅞	26¼	26⅜	--	--	-- ------	-- ------	23⅞ Jan 14	26½ Feb 15
----	----	Natl Bank of Washington	10	58	60	--	--	57½	61	-- ------	-- ------	-- ------	-- ------
		National Mtge & Invest—											
----	----	Common	1	52	--	62	--	62	--	-- ------	-- ------	-- ------	-- ------
----	----	5% non-cum preferred	7	7	--	7	--	7⅛	--	-- ------	-- ------	-- ------	-- ------
----	75	Oxford Mfg class A	1	--	--	--	--	--	--	-- ------	-- ------	37¼ Feb 8	37½ Feb 8
1,323	9,844	Pennsalt Chemicals Corp	3	34⅜	34⅝	37⅞	Sale	38½	Sale	37⅞ May 1	44 May 28	34⅜ Jan 3	44 May 28
1,812	13,144	Pennsylvania Gas & Water	*	35½	Sale	41⅜	41⅞	43¾	Sale	41⅛ May 13	43¾ May 31	32⅝ Jan 4	43¾ May 31
9,327	47,150	Pennsylvania Pwr & Lt	*	32⅞	Sale	33¼	Sale	35	Sale	32⅞ May 1	36⅛ May 16	32½ Apr 3	36⅛ May 16
37,931	112,603	Pennsylvania RR	10	13⅜	Sale	15½	Sale	17⅞	Sale	15 May 7	18 May 31	12¼ Jan 2	18 May 31
		Peoples Drug Stores Inc	5	35⅝	Sale	38⅞	Sale	40⅝	Sale	38⅞ May 1	40⅝ May 31	35⅝ Jan 2	40⅝ May 31
1,757	4,527	Pepsi-Cola Bottling Co											
3,325	7,275	of Long Island	25c	9⅝	Sale	8½	9	8½	9	8½ May 7	9⅛ May 8	8⅛ Mar 11	9¾ Jan 2
120	3,528	Perfect Photo Inc	*	--	--	--	--	--	--	5½ May 27	6⅛ May 14	4⅝ Feb 21	7⅛ Jan 21
25,771	149,565	Philadelphia Electric	*	29½	Sale	33½	Sale	35⅜	Sale	33½ May 1	36¼ May 22	29⅜ Jan 2	36¼ May 22
54,112	121,772	Phila Transportation	10	6¼	Sale	8½	Sale	9¾	Sale	8⅛ May 14	9⅞ May 24	5¾ Jan 15	9⅞ May 24
3,375	43,273	Potomac Elec Power com	10	42⅞	Sale	45⅝	Sale	--	--	44¾ May 8	46¼ May 15	42¼ Mar 4	48¼ Jan 29
17,543	21,144	New common wi	10	--	--	23⅛	Sale	22½	Sale	22⅛ May 17	23¼ May 20	22⅛ May 17	24 Apr 18
----	----	$2.44 preferred	50	51	52	52	--	51½	52¾	-- ------	-- ------	-- ------	-- ------
----	----	$2.46 preferred	50	51½	--	52½	--	52½	--	-- ------	-- ------	-- ------	-- ------
202	402	Progress Mfg Co	1	--	--	--	--	--	--	15⅛ May 17	15½ May 17	11⅞ Feb 21	15½ May 17
2,761	15,634	Public Service Elec & Gas	*	68⅝	Sale	73	Sale	75	Sale	72⅞ May 10	75¾ May 31	68⅝ Jan 2	75¾ May 31
949	2,375	Reading Co	50	--	--	7⅞	8⅛	12⅜	Sale	7¾ May 7	12⅜ May 31	7⅝ Feb 4	12⅜ May 31
----	73	Riggs National Bank	25	162	166	171	180	181	187	-- ------	-- ------	169 Jan 8	178 Mar 19
1,410	9,393	Ritter Finance class B	1	--	--	--	--	5⅜	Sale	5 May 7	5½ May 20	4⅞ Apr 17	5¾ Jan 29
8,565	64,976	Scott Paper	*	32½	Sale	35½	Sale	34⅜	Sale	33⅜ May 27	36⅛ May 3	30⅞ Mar 19	36⅛ Apr 29
		Smith Kline &											
2,393	12,353	French Laboratories	*	63⅞	Sale	68	Sale	--	--	63⅝ May 29	68⅛ May 6	60¾ Mar 20	68¾ Apr 29
2,013	6,763	South Jersey Gas Co	2.50	33⅛	Sale	38	39	41⅜	Sale	38½ May 16	41⅜ May 31	33⅛ Jan 2	41⅜ May 31
54	1,404	Southeastern Pub Serv	10c	--	--	--	--	--	--	25⅜ May 9	25⅞ May 20	22⅛ Jan 17	26 Apr 29
2,115	15,802	Sun Oil Co	*	43⅞	Sale	49⅝	Sale	49¼	Sale	48¼ May 10	50⅛ May 1	43⅜ Jan 4	50⅝ Apr 26
6,966	39,667	Texas Eastern Transmn	3.50	16½	Sale	18⅝	Sale	18¼	Sale	18 May 17	18¾ May 3	16½ Jan 2	19 Apr 30
		Thompson Ramo-											
1,020	3,460	Wooldridge	5	--	--	--	--	58	Sale	57 May 28	60 May 8	50⅜ Mar 20	60 May 8
1,570	8,702	United Corp	1	8	Sale	8	8¼	8	8¼	8 May 10	9 May 31	8 Jan 2	9 May 31
2,717	17,136	United Gas Improvem't	4.50	21½	Sale	26⅝	Sale	26⅛	26⅜	25⅛ May 9	27½ May 22	21⅛ Jan 2	27½ May 22
374	837	Universal Marion Corp	*	8¾	8⅞	9	9⅛	9	Sale	8⅞ May 2	9⅛ May 28	8¾ Feb 5	9⅛ May 28
1,603	7,678	Warner Co	10	--	--	27⅜	Sale	25⅞	Sale	25⅝ May 22	27¾ May 8	25⅜ Mar 11	29⅜ Jan 4
6,882	22,106	Washington Gas Light com	*	36¼	Sale	36⅛	Sale	40	40¼	36⅛ May 1	40⅝ May 29	33⅜ Mar 5	40⅝ May 29
21	24	$4.25 preferred	*	87½	--	88	--	88¼	--	88¼ May 29	90 May 21	87½ Feb 26	90 May 21
----	----	$4.60 conv preferred	*	123	--	130	--	145	--	-- ------	-- ------	-- ------	-- ------
----	----	$5 preferred	*	102½	--	104½	--	104	106½	-- ------	-- ------	-- ------	-- ------
		Woodward & Lothrop—											
453	1,068	Common	1.25	30	31	30½	32	31½	33	30¼ May 10	32 May 24	29½ Mar 4	32½ Apr 19
----	----	5% preferred	100	96¾	--	98	--	97	--	-- ------	-- ------	-- ------	-- ------
		BONDS											
$	$	Baltimore Transit Co—											
----	----	1st deb inc 4s ser A	1975	96¼	--	98	--	98	--	-- ------	-- ------	-- ------	-- ------
2,000	2,000	Cum inc deb 5s ser A	1975	96¾	--	98¼	--	98¼	--	98⅝ May 13	98⅝ May 13	98⅝ May 13	98⅝ May 13
3,000	3,000	6⅔% inc subord debs	1977	88	--	93	--	95	--	98 May 13	98 May 13	98 May 13	98 May 13

*No par value. a Deferred delivery sale. r Cash sale. x Ex-dividend. y Ex-rights.

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Detroit Stock Exchange

Monthly and Yearly Record

RANGE OF PRICES ON THE DETROIT STOCK EXCHANGE

Stock Sales—	1963	1962	Stock Sales—	1963	1962
May (Shares)	262,483	240,799	Jan. 1 to May 31 (Shares)	1,332,626	1,160,289

Aggregate Sales in May Shares	Since Jan. 1 Shares	Detroit Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
		LISTED ISSUES											
6,594	29,158	Allen Elec & Equipment	1	6½	7	9	Sale	9	Sale	9 May 31	10 May 24	6⅜ Jan 21	10 May 24
1,530	10,769	Allied Supermarkets	1	11½	12½	12½	13⅛	12½	13½	13 May 7	13⅜ May 13	12½ Mar 27	13¾ Jan 11
1,727	8,485	Amer Metal Products Co	2	14	15	18	19	19½	20½	19 May 7	19⅞ May 24	15½ Jan 4	19⅞ May 24
2,425	5,594	Associated Brewing Co	5	2⅝	—	2⅝	3¼	2⅝	4¼	3 May 3	3⅝ May 16	2⅝ Jan 3	3⅝ May 16
1,787	5,686	Avis Industrial Corp	5	—	—	19½	Sale	—	—	19¼ May 6	21½ May 17	12 Jan 10	21½ May 17
----	----	Bethlehem Corp	*	—	—	—	—	—	2¾	— ------	— ------	— ------	— ------
400	400	Bohn Aluminum & Brass	5	—	—	34¼	Sale	—	—	34¼ May 1	34¼ May 1	34¼ May 1	34¼ May 1
2,266	9,317	Borman Food Stores	1	10½	11½	13½	Sale	12½	13½	13⅜ May 4	14 May 8	10⅝ Mar 1	14 May 8
2,798	5,300	Briggs Mfg Co	*	4½	5½	5	Sale	6¼	Sale	5 May 1	6¼ May 31	4¾ Apr 5	6¼ May 31
5,117	18,770	Brown-McLaren Mfg Co	1	92c	98c	96c	1.10	96c	1.10	90c May 27	1.00 May 24	65c Jan 25	1.00 Jan 31
656	4,216	Budd Company (The)	5	11	12	13	14	13½	14½	13¾ May 22	14 May 29	12¾ Mar 18	15 Apr 16
391	1,488	Buell Industries	1	—	8	4¾	6	4	6	4⅝ May 24	4¾ May 21	4⅝ May 24	5½ Feb 25
7,302	45,329	Burroughs Corp	5	27½	28½	29⅜	Sale	31¼	Sale	29⅛ May 2	31¼ May 31	28½ Jan 3	34 Feb 18
2,568	78,144	Chrysler Corp	25	73⅜	Sale	105¾	Sale	—	—	102½ May 7	106 May 2	73 Jan 3	110 Apr 22
16,984	18,418	New common	12.50	—	—	53	54	64	Sale	52⅜ May 10	64 May 31	52⅜ May 10	55 Apr 22
22,114	53,308	Consolidated Paper	10	10¼	10½	10½	Sale	12	Sale	10½ May 1	12 May 31	10¼ Jan 8	13 Jan 28
4,166	18,606	Consumers Power Co com	*	—	—	—	—	—	—	43¾ May 3	44⅛ May 29	41 Mar 4	45½ Apr 16
----	34	$4.50 preferred	*	—	—	—	—	—	—	— ------	— ------	100½ Apr 11	100½ Apr 11
----	----	$4.16 preferred	*	—	—	—	—	—	—	— ------	— ------	— ------	— ------
1,536	5,032	Continental Motors	1	10⅞	11½	12½	13	13	Sale	12⅞ May 9	13 May 31	11 Jan 7	13 May 31
----	1,210	Copeland Refrigeration	1	—	—	—	—	—	—	— ------	— ------	23½ Apr 11	26½ Jan 14
----	615	Cox Instruments Corp	1	—	—	—	—	—	—	— ------	— ------	6½ Jan 8	8 Jan 11
----	100	Crowley Milner & Co	1	—	—	—	—	—	—	— ------	— ------	6⅞ Jan 22	6⅞ Jan 22
----	470	Cunningham Drug Stor's	2½	—	—	—	—	—	—	— ------	— ------	21¾ Jan 16	21¾ Jan 16
508	823	D W G Cigar Corp	5	—	—	—	—	—	—	17¾ May 15	17¾ May 15	17½ Apr 19	18¼ Apr 26
----	192	Davidson Brothers Inc	1	4	—	4⅝	—	4⅝	—	— ------	— ------	4⅞ Feb 8	4⅞ Feb 8
22,576	137,664	Detroit Edison Co	10	31⅝	Sale	32¾	Sale	32½	Sale	32⅜ May 8	33 May 15	31⅝ Jan 2	34¾ Jan 31
3,525	7,622	Detroit Gasket & Mfg	1	—	9⅛	12	13¼	—	15½	12¼ May 8	15½ May 27	9⅛ Jan 10	15½ May 27
----	664	Detroit Industrial Prod	1	4⅜	—	5¼	—	4⅜	—	— ------	— ------	6 Apr 26	6 Apr 26
1,183	16,641	Detroit Steel Corp	1	10½	11½	13¼	Sale	13¾	Sale	13⅛ May 21	13⅞ May 23	11½ Jan 8	14⅛ Apr 17
----	----	Dielectric Products Engr	1	—	3¼	—	4¾	—	4¾	— ------	— ------	— ------	— ------
----	1,392	Divco-Wayne Corp	1	—	—	—	—	—	—	— ------	— ------	19⅛ Jan 3	23½ Feb 12
130	412	Drewry's Ltd U S A Inc	1	—	—	—	—	—		23 May 29	23 May 29	23 May 29	24 Jan 8
1,573	3,509	Eaton Mfg Co	2	—	—	—	—	—	—	— ------	— ------	35⅛ Feb 20	37 Apr 25
698	2,596	Economy Baler Company	1	4	5¼	4½	4¾	4⅝	Sale	4½ May 16	4¾ May 9	4½ Jan 29	5⅛ Jan 11
1,380	7,892	Ex-Cell-O Corp	3	—	—	40⅜	Sale	—	—	38¾ May 7	42 May 28	38¾ May 7	45⅞ Feb 6
2,482	8,613	Fed Mogul Bower Bearings	5	—	40	43	Sale	—	—	43 May 1	47 May 29	38 Mar 12	47 May 29
----	----	Fenestra Incorporated	10	—	—	—	—	—	—	— ------	— ------	— ------	— ------
16,121	114,288	Ford Motor Co	2.50	45	46	48½	49½	51½	Sale	48⅛ May 6	51½ May 31	42 Feb 28	51½ May 31
8,009	50,478	Fruehauf Trailer	1	24½	25½	29⅝	Sale	32⅜	Sale	29½ May 1	32¾ May 14	25½ Jan 3	32¾ May 14
1,105	55,166	Gar Wood Industries	1	2¾	3½	5	Sale	5	6	5 May 1	5¾ May 17	3⅜ Jan 9	6½ Mar 28
42,478	251,766	General Motors Corp	1.66⅔	58	Sale	68	69	73⅛	Sale	69 May 2	73¼ May 31	57⅞ Jan 2	73¼ May 31
17,587	102,160	Goebel Brewing	1	45c	Sale	90c	Sale	99c	Sale	81c May 1	1.00 May 31	45c Jan 2	1⅛ Jan 22
2,251	2,351	Great Lakes Bowling	1	—	—	—	—	—	—	4⅞ May 22	5 May 23	4⅞ May 22	5 Apr 15
500	2,513	Gt Lakes Chemical Corp	1	2	3	2⅜	3	2⅜	3	2⅜ May 8	2½ May 10	2⅛ Jan 4	3¼ Jan 10
615	2,373	Hall Lamp Co	5	3½	5½	4¾	Sale	—	4¾	4¾ May 1	4¾ May 1	4¼ Jan 17	5¾ Feb 13
----	786	Hastings Mfg Co	2	—	9	—	9	—	9	— ------	— ------	7⅛ Apr 2	7⅞ Jan 25
----	----	Higbie Mfg Co	1	—	—	—	—	—	—	— ------	— ------	— ------	— ------
----	1,265	Hoskins Mfg Co	2.50	—	—	—	—	—	—	— ------	— ------	29¼ Jan 22	25⅞ May 22
1,500	2,446	Houdaille Industries Inc	3	—	—	22⅞	Sale	—	—	22⅞ May 1	25⅞ May 22	20 Jan 18	22 Apr 30
----	450	International Breweries	1	—	—	3	—	3	—	— ------	— ------	4⅜ Feb 11	4⅝ Apr 7
290	988	King-Seeley Thermos Co	1	—	—	—	—	—	—	44 May 14	44 May 14	36 Feb 1	44 May 14
----	2,372	Kingston Products Corp	1	—	3½	3¼	—	—	—	— ------	— ------	3¼ Jan 11	4⅝ Apr 17
9,507	33,738	Kresge (S S) Co	10	21⅝	Sale	24½	25½	23½	Sale	23½ May 31	24¾ May 6	21⅝ Jan 2	24⅞ Jan 16
5,327	30,287	Kysor Industrial Corp	1	7¾	8¼	9	Sale	9	Sale	8⅜ May 2	9½ May 21	8 Mar 22	10 Apr 9
----	200	Lakey Foundry Co	1	1½	2	—	3	—	2¼	— ------	— ------	2¼ Feb 28	2¼ Feb 28
700	8,025	Lansing Stamping Co	1	3⅛	3¼	2¾	Sale	2½	2⅞	2½ May 6	2⅞ May 15	2½ Apr 5	3½ Jan 30
----	530	LaSalle Wines & Champ	2	1⅞	2⅛	2	2½	2	2½	— ------	— ------	2⅛ Jan 8	2½ Feb 14
2,384	4,747	Leonard Refineries Inc	3	—	10⅜	10⅛	Sale	9½	13	10⅛ May 1	11¼ May 22	10 Jan 18	11¼ May 22
300	300	Macoid Industries Inc	*	2½	4	2	4	2	4	3½ May 9	3⅝ May 13	3½ May 9	3⅝ May 13
300	3,515	Madison Square Garden	1	1⅝	3	1⅞	Sale	1¼	2¼	1¾ May 27	1⅞ May 1	1¾ May 27	2⅛ Jan 16
701	882	Masco Corp	1	—	30	—	—	—	—	38⅞ May 3	39¾ May 10	34⅜ Apr 5	39¾ May 10
----	922	Michigan Chemical Corp	1	—	—	11⅛	—	11⅛	—	— ------	— ------	11⅛ Jan 29	13 Feb 19
6,426	11,161	Michigan Sugar common	*	2	4	3	—	—	9¾	6½ May 17	10⅛ May 22	2⅞ Jan 29	10⅛ May 22
100	611	6% preferred	10	—	—	—	—	—	—	14¾ May 22	14¾ May 22	12 Jan 10	14¾ May 22
----	----	Micromatic Hone Corp	1	—	12	—	—	—	—	— ------	— ------	— ------	— ------
----	----	Motor Wheel Corp	5	16½	17½	—	—	20	21	— ------	— ------	— ------	— ------
1,350	1,656	Mt Clemens Indus com	1	—	—	3⅞	Sale	—	8⅞	— ------	— ------	6⅛ Apr 4	6⅛ Apr 4
----	681	6% preferred	4	6	—	3⅞	Sale	3¾	4	3⅞ May 1	3⅞ May 1	3⅞ Feb 1	3⅞ Feb 1
----	----	Murray Corp	10	30	31	—	—	—	—	— ------	— ------	— ------	— ------
----	1,550	Natl Brewing Co (Mich)	1	—	—	—	4⅛	—	—	— ------	— ------	4 Feb 12	4⅛ Jan 10
----	1,643	Nat'l Elec Welding Mach	1	—	—	10½	12	—	—	— ------	— ------	9½ Jan 25	10¾ Mar 1
----	----	Nautec Corp	5	—	—	—	—	—	—	— ------	— ------	— ------	— ------
10,316	59,435	Parke Davis & Co	*	24¾	Sale	29⅜	Sale	28¼	Sale	26⅞ May 29	29¾ May 1	24⅝ Mar 21	29¾ May 1
----	----	Parker Rust-Proof Co	2.50	—	—	—	—	—	—	— ------	— ------	— ------	— ------
----	----	Peninsular Metal Products	1	—	—	—	—	—	—	— ------	— ------	— ------	— ------
----	3,215	Prophet (The) Co	1	—	—	—	27	—	—	— ------	— ------	23½ Apr 29	24⅝ Feb 27
3,986	19,479	Rickel (H W) & Co	2	2⅛	2⅜	2⅝	2⅞	2⅜	Sale	2⅛ May 28	2⅝ May 2	2 Jan 17	2¾ Apr 30
1,991	6,389	Rockwell Standard Corp	5	34	35	—	—	39½	Sale	39¼ May 8	39¾ May 24	34⅞ Jan 4	39¾ Apr 26
3,989	23,107	Rudy Mfg Company	1	18	Sale	17⅝	Sale	19½	Sale	17½ May 7	19½ May 31	17 Mar 25	21 Jan 21
1,390	18,096	Scotten Dillon Co	10	23⅜	Sale	26	26½	25½	27¼	26¼ May 8	27⅞ May 24	23⅜ Jan 2	27⅞ May 24
771	996	Sheller Mfg Co	1	19	20	—	—	—	—	23 May 3	25 May 24	20¾ Jan 23	25 May 24
693	897	Soss Mfg Co	1	—	—	—	—	—	—	15⅝ May 24	16 May 27	15⅝ May 24	16½ Mar 7
259	259	Standard Tube class B	1	—	—	—	4¼	3⅞	4⅞	4⅛ May 2	4⅛ May 2	4⅛ May 2	4⅛ May 2
5,560	17,669	Studebaker Corp	10	6	6¼	6	7	6	Sale	5⅞ May 22	6⅛ May 10	5⅞ May 22	8 Feb 14
----	----	Superior Tool & Die Co	1	—	—	—	—	—	—	— ------	— ------	— ------	— ------
761	8,735	Udylite Corp	1	14⅞	18	—	24	—	24	21⅛ May 24	21⅝ May 13	20 Jan 14	23 Apr 18
----	200	Union Investment Co	4	—	—	—	—	—	—	— ------	— ------	12½ Apr 5	12½ Apr 5
650	765	United Shirt Distributors	1	1	3	2	3	2⅛	3	3 May 14	3 May 14	2 Jan 16	3 May 14
----	1,285	Universal Controls Inc	25c	4¼	—	4⅜	—	4⅜	4¾	— ------	— ------	4½ Apr 25	5¼ Jan 8
----	2,301	Upjohn (The) Co	1	—	—	—	—	—	—	— ------	— ------	33½ Jan 3	39¼ Mar 28
----	6,261	Vinco Corp	1	2½	5	—	—	—	—	— ------	— ------	75c Feb 19	3 Jan 11
----	----	Woodall Industries	2	—	—	—	—	—	—	— ------	— ------	— ------	— ------
150	550	Young (L A) Spg & Wire	*	—	—	—	—	—	—	34 May 22	34 May 22	30⅜ Jan 22	34 May 22

*No par. a Deferred delivery sale. r Cash sale. x Ex-dividend. y Ex-rights.

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Pacific Coast Stock Exchange

Monthly and Yearly Record

RANGE OF PRICES ON THE PACIFIC COAST STOCK EXCHANGE

Stock Sales—	1963	1962	Bond Sales—	1963	1962
May (Shares)	4,640,160	5,746,488	May	------	------
Jan. 1 to May 31 (Shares)	20,791,328	24,570,419	Jan. 1 to May 31	------	$3,000

Aggregate Sales in May	Aggregate Sales Since Jan. 1	Pacific Coast Stock Exchange Stocks	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	MONTH OF MAY — May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
Shares	Shares												
809	9,530	ACF Industries (Un)	25	--	--	--	--	--	--	95¾ May 23	95¾ May 23	76 Jan 8	95¾ May 23
4,125	8,217	Abbott Laboratories	5	--	--	97¾	Sale	--	--	93¼ May 8	98¾ May 2	74 Jan 14	98¾ May 2
5,961	14,739	Admiral Corp	1	--	--	--	--	18	Sale	14⅞ May 2	18⅛ May 29	12 Jan 3	18⅛ May 29
1,968	7,636	Air Reduction (Un)	*	--	--	57⅝	Sale	--	--	56½ May 17	58⅝ May 2	54⅝ Jan 3	61 Apr 22
2,487	12,122	A J Industries	2	--	--	--	--	3½	Sale	3⅜ May 6	3¾ May 10	3⅜ May 6	4 Jan 10
26	599	Alaska Airlines	1	--	--	--	--	--	--	a-- ------	a-- ------	4⅝ Mar 7	5⅜ Feb 18
2,344	7,616	Alleghany Corp (Un)	1	--	--	--	--	--	--	10 May 6	10½ May 14	9¾ Apr 4	12⅜ Jan 11
800	6,082	Warrants (Un)	--	--	--	--	--	--	--	7¼ May 21	7¼ May 21	7 Mar 25	9⅝ Jan 11
4,502	9,297	Allied Artists Pictures Corp	1	--	--	--	--	--	--	2⅜ May 21	2½ May 9	2⅜ May 21	3¾ Jan 28
7,013	62,949	Allied Chemical Corp (Un)	9	--	--	--	--	50¼	Sale	49¼ May 20	51⅝ May 9	43 Mar 1	51⅝ May 9
300	1,159	Allied Supermarkets (Un)	1	--	--	--	--	--	--	13 May 2	13 May 2	12½ Mar 28	13¼ Apr 15
9,726	37,041	Allis-Chalmers Mfg (Un)	10	14¾	Sale	18¼	Sale	19⅞	Sale	17¾ May 1	20⅛ May 23	14⅝ Jan 2	20⅛ May 23
9,524	41,752	Aluminium Ltd	*	20½	Sale	--	--	26¼	Sale	25¾ May 27	27¾ May 9	20½ Jan 2	27¾ May 9
8,064	24,899	Aluminum Co of Amer (Un)	1	--	--	58⅛	Sale	--	--	58⅛ May 1	64½ May 16	51⅞ Mar 21	64½ May 16
450	5,081	Ambassador Oil Corp	1	5½	5¾	5⅝	5⅞	5¾	6	5⅞ May 13	6 May 8	5⅜ Jan 4	6⅜ Feb 15
1,671	12,105	Amerada Petroleum (Un)	*	113½	Sale	--	--	--	--	135¾ May 20	140 May 29	113½ Jan 2	140 May 29
573	573	New common wi (Un)	*	--	--	--	--	--	--	67⅝ May 9	70 May 15	67⅝ May 9	70¼ May 15
16,975	146,530	Amer Airlines Inc (Un)	1	18⅛	Sale	22⅞	Sale	23⅝	Sale	22 May 16	24⅝ May 17	18 Jan 3	24⅝ May 17
1,943	10,480	Amer Bosch Arma (Un)	2	13⅞	Sale	--	--	--	--	15⅛ May 29	16 May 15	13⅞ Jan 2	16¾ Apr 23
5,538	14,582	Amer Broadcstg-Paramount Theatres (Un)	1	33	Sale	32¼	Sale	31¼	Sale	30⅞ May 17	32⅝ May 1	30⅞ May 17	37⅛ Jan 24
6,586	24,040	Amer Can Co (Un)	12½	--	--	44¾	Sale	--	--	44 May 10	46 May 27	43¾ Apr 23	47⅜ Jan 2
6,324	34,568	American Cement Corp	5	--	--	11	Sale	--	--	10⅞ May 3	12⅛ May 21	10½ Mar 28	12⅛ May 21
915	5,120	$1.50 preferred	25	23½	24½	26¼	--	25¼	Sale	25⅛ May 27	26¼ May 6	25 Jan 7	26¼ Apr 22
5,218	41,686	American Cyanamid (Un)	10	--	--	58⅝	Sale	--	--	55⅝ May 20	59¼ May 2	48⅞ Jan 3	59¼ May 2
6,750	16,233	American Electronics Corp	1	3⅛	3⅜	3⅛	3⅜	4¼	4½	3⅜ May 8	5⅛ May 27	3 Mar 18	5⅛ May 27
569	4,247	American & Foreign Power Co Inc (Un)	*	--	--	--	--	--	--	12⅝ May 2	13⅛ May 27	9⅜ Jan 3	13⅛ May 27
50	1,900	Americ'n-Int'l Alum Corp	25c	--	--	--	--	--	--	a-- ------	a-- ------	2 Feb 7	2½ Feb 25
9,436	57,058	Amer Machine & Fry	1.75	20⅝	Sale	20½	Sale	20½	Sale	20 May 3	21½ May 14	20 Apr 17	24⅛ Jan 31
750	13,620	American M A R C Inc	50c	--	--	2⅝	Sale	--	--	2½ May 21	2⅝ May 1	2½ May 21	3⅜ Jan 28
42,067	326,725	Amer Motors (Un)	1.66⅔	16⅛	Sale	20	Sale	19¾	Sale	18⅜ May 22	20½ May 1	16⅛ Jan 2	23 Feb 14
3,503	13,681	American Pot & Chem	*	--	--	--	--	--	--	27⅝ May 2	30¾ May 23	27¼ Mar 25	31¾ Jan 16
4,585	43,275	Amer Radiator & Standard Sanitary (Un)	5	12⅞	Sale	16	Sale	15⅜	Sale	15¼ May 27	16 May 1	12¾ Jan 2	16⅛ Apr 26
2,686	8,680	Amer Smelt & Ref (Un)	*	--	--	--	--	78¼	Sale	73¼ May 13	78½ May 28	58¼ Jan 15	78½ May 28
34,287	175,003	American Tel & Tel	33⅓	114⅞	Sale	126	Sale	123⅛	Sale	121⅞ May 28	126 May 1	114⅞ Jan 2	126 May 1
25,173	129,516	American Tob (Un)	6.25	29½	Sale	32	Sale	30½	Sale	30 May 27	32⅝ May 6	28⅛ Mar 1	33⅞ Apr 17
8,127	64,172	American Viscose (Un)	25	--	--	64	Sale	66⅞	Sale	63½ May 1	66⅞ May 31	59½ Apr 1	66⅞ May 31
37,023	129,578	Ampex Corp	1	16½	Sale	17⅛	Sale	17⅞	Sale	16⅝ May 6	18½ May 13	14½ Mar 19	18½ May 13
393	3,498	Amphenol-Borg Electronics	1	--	--	--	--	--	--	26 May 21	26 May 21	22¾ Jan 8	26 May 21
12,340	51,485	Anaconda Co (Un)	50	40¾	Sale	--	--	52¾	Sale	47 May 8	52⅜ May 31	40¾ Jan 2	52⅜ May 31
1,674	6,619	Anthony Pools Inc	1	--	--	4½	Sale	--	--	4⅜ May 24	4¾ May 7	3 Jan 7	4¾ May 7
----	199	Apollo Industries Inc	5	7⅛	8	8	8½	9⅝	10	-- ------	-- ------	8⅝ Apr 5	8⅝ Apr 3
155	904	Archer-Daniels Midland	*	--	--	--	--	--	--	a-- ------	a-- ------	40⅜ Apr 17	40⅜ Apr 17
8,605	44,829	Arizona Public Service	2.50	30⅜	Sale	30⅞	Sale	30¼	Sale	30¼ May 31	31½ May 17	30⅛ Apr 1	33 Jan 15
1,431	10,906	Arkansas-La Gas (Un)	2.50	--	--	--	--	33	Sale	32 May 8	33 May 31	29⅜ Jan 7	33⅝ Mar 14
3,008	16,175	Armco Steel Corp (Un)	10	--	--	--	--	58¼	Sale	54¾ May 15	58¼ May 31	52 Mar 6	58⅝ Apr 10
1,771	8,587	Armour & Co (Del) (Un)	5	42½	Sale	--	--	45	Sale	44¾ May 8	46⅛ May 23	42 Mar 1	48 Apr 16
17	352	Warrants (Un)	*	--	--	--	--	--	--	a-- ------	a-- ------	28 Apr 9	28 Apr 9
1,003	26,847	Ashland Oil & Refin'g (Un)	1	--	--	--	--	--	--	30¼ May 9	30⅞ May 13	26½ Jan 28	30⅞ May 13
43,738	149,469	Atch T & S Fe Ry (Un)	10	25⅛	Sale	28⅞	Sale	30	Sale	28½ May 10	30 May 31	25⅛ Jan 2	30 May 31
160	9,940	Atlantic Coast Line RR	*	--	--	--	--	--	--	57 May 22	57 May 22	47½ Jan 22	57 May 22
2,754	20,566	Atlantic Refining Co (Un)	10	48¼	Sale	--	--	53⅛	Sale	52⅞ May 22	54½ May 2	48¼ Jan 2	56⅝ Apr 17
15,187	44,146	Atlas Corp common (Un)	1	2⅛	Sale	2½	Sale	3	Sale	2¼ May 9	3 May 31	2⅛ Jan 2	3 May 31
800	2,258	Warrants (Un)	--	--	--	--	--	1⅛	Sale	1 May 15	1⅛ May 31	⅞ Mar 20	1⅛ May 31
100	424	5% preferred (Un)	20	--	--	--	--	--	--	17⅛ May 24	17⅛ May 24	15¼ Jan 28	17⅛ May 24
9,362	56,131	Avco Mfg Corp (Un)	3	25	Sale	27⅛	Sale	26⅝	Sale	25¾ May 27	27½ May 3	23 Mar 4	27½ May 3
3,946	25,169	Avnet Electronics Corp	5c	--	--	18	Sale	--	--	15⅞ May 21	18¼ May 2	15⅞ May 21	24⅜ Mar 7
4,968	28,475	Baker Oil Tools Inc	1	--	--	11⅝	Sale	--	--	11⅜ May 7	12½ May 10	11¼ Mar 27	14 Jan 22
14,349	38,240	Baldwin-Lima-Ham (Un)	13	--	--	12⅜	Sale	--	--	12⅜ May 1	14⅝ May 22	12⅜ May 1	14⅝ May 22
503	980	Baldwin Securities (Un)	1c	--	--	--	--	--	--	4 May 16	4⅛ May 10	3⅞ Apr 9	4⅛ May 10
210	1,382	Balt & Ohio RR (Un)	100	--	--	--	--	--	--	a-- ------	a-- ------	30½ Jan 4	34⅞ Mar 20
260	2,910	Baruch-Foster Corp	50c	¾	1	--	--	--	--	⅞ May 28	⅞ May 28	⅞ Jan 21	1 Jan 10
2,146	16,909	Beckman Instruments	1	--	--	--	--	--	--	87½ May 2	88½ May 9	83 Apr 26	114⅜ Jan 14
1,122	4,045	Beech Aircraft Corp	1	--	--	--	--	--	--	14⅜ May 7	16 May 23	14⅜ May 7	16¾ Jan 9
920	6,105	Bell Electronic Corp	*	3	3⅜	2⅜	Sale	3	3¼	2⅛ May 15	2½ May 8	2⅛ Apr 17	3½ Jan 11
419	1,692	Bell Intercont'l Corp (Un)	1	--	--	--	--	--	--	10¾ May 7	11 May 2	10½ Jan 7	11 May 2
22,064	59,907	Bell & Howell Company	*	22½	Sale	23½	Sale	26¾	Sale	23⅜ May 1	27¾ May 8	21¼ Feb 8	27¾ May 8
1,268	12,013	Bendix Corp (Un)	5	--	--	--	--	--	--	53⅝ May 9	53⅞ May 16	50¼ Mar 22	57⅞ Jan 28
4,460	10,073	Benguet Consol (Un)	2p	--	--	--	--	--	--	1¼ May 6	1⅜ May 1	1¼ Jan 3	1½ Feb 12
2,225	3,256	Bestwall Gypsum (Un)	40c	--	--	--	--	--	--	32⅛ May 9	32⅛ May 9	28⅛ Jan 31	32⅞ Apr 24
20,901	133,809	Bethlehem Steel (Un)	8	29¼	Sale	31½	Sale	33	Sale	31 May 2	33 May 31	29 Jan 2	34⅝ Apr 16
7,345	87,430	Boeing Company (Un)	5	37¼	Sale	37⅛	Sale	--	--	35¾ May 7	37⅝ May 22	35¼ Mar 26	40⅜ Feb 27
1,620	3,825	Bond Stores Inc (Un)	1	--	--	--	--	20⅜	Sale	19⅝ May 7	20⅜ May 20	18⅜ Mar 28	20⅜ May 20
1,192	4,883	Borden Co (Un)	7.50	--	--	--	--	--	--	63⅝ May 6	67¼ May 23	59⅞ Apr 9	67¼ May 23
4,943	23,460	Borg-Warner Corp	5	--	--	45½	Sale	--	--	45¼ May 8	46¼ May 14	41½ Mar 6	46¼ May 14
19,481	28,531	Brewer (C) & Co Ltd	*	35	36½	50½	Sale	65	Sale	50½ May 1	75 May 23	37 Jan 9	75 May 23
10,847	78,755	Broadway Hale Stores	5	32¼	Sale	33⅜	Sale	35½	Sale	32⅜ May 14	35½ May 31	28 Feb 27	35½ May 31
29,686	183,186	Brunswick Corp	*	18⅜	Sale	15⅝	Sale	--	--	14¾ May 6	16¼ May 13	14¾ May 1	20⅝ Jan 8
1,354	11,696	Buckner Industries Inc	1	1.95	2.15	1.85	2.10	1.80	2.00	1.75 May 7	2.00 May 21	1.75 Mar 26	2.35 Jan 28
2,110	14,825	Budd Co	5	--	--	--	--	--	--	13⅜ May 8	14⅛ May 29	12⅝ Mar 19	15⅛ Apr 16
991	7,122	Budget Finance Plan com	50c	13¼	13⅝	--	--	--	--	15½ May 20	15¾ May 8	13⅝ Jan 3	15¾ May 8
400	549	6% preferred	10	10¼	10¾	--	--	--	--	10⅜ May 29	10⅜ May 29	10⅜ May 29	10⅜ May 29
4,133	19,958	Bullock's Inc	5	--	--	63¼	Sale	--	--	60¾ May 20	63½ May 13	55 Jan 17	63½ May 13
1,027	4,754	Bunker Hill Co (Un)	2.50	8½	8⅞	13	13¼	14¼	14⅝	13¼ May 13	14½ May 21	8½ Jan 3	14½ May 21
16,404	59,786	Burlington Industries (Un)	1	--	--	33⅞	Sale	35	Sale	33⅞ May 1	35⅛ May 13	26 Jan 3	35⅛ May 13
7,162	36,413	Burroughs Corp	5	--	--	29¼	Sale	31¼	Sale	28¾ May 7	31¼ May 31	28½ Jan 21	34 Feb 18
117,636	392,115	Buttes Gas & Oil Co	*	4⅛	Sale	4⅝	Sale	4½	Sale	4⅛ May 3	5¾ May 24	4 Jan 9	6 Jan 17
449	5,198	Cabol Enterprises Limited	*	½	¾	70c	80c	65c	70c	70c May 6	75c May 17	50c Mar 13	1 Jan 10
14,562	124,100	Calif Financial Corp	1	8¼	Sale	8⅞	Sale	9⅜	Sale	8¾ May 1	9½ May 16	8¼ Jan 2	11½ Apr 11
2,832	14,091	California Ink Co Inc	5.50	18	18⅝	21½	21⅝	20¼	21	20 May 21	21⅝ May 3	18⅞ Jan 7	22 Apr 22
23,969	77,116	California Packing	2.50	24¼	Sale	25	Sale	29	Sale	24⅞ May 1	29⅛ May 31	23⅞ Apr 24	29⅛ May 31
485	5,255	Campbell Soup Co (Un)	1.80	--	--	--	--	--	--	99¼ May 24	99¼ May 24	93⅞ Apr 19	100¾ Feb 18
980	3,781	Canada Dry Corp (Un)	1⅔	--	--	--	--	--	--	22⅞ May 23	24¼ May 9	21⅞ Mar 22	24¼ May 9
2,290	6,005	Canada Southern Pet Ltd	1	4⅜	4¾	3½	3¾	4⅛	Sale	4⅛ May 31	4⅝ May 21	3⅜ Mar 13	4⅝ May 21
9,982	32,784	Canadian Pacific Ry (Un)	25	--	--	26¾	Sale	--	--	26⅛ May 1	28⅝ May 28	23¼ Jan 16	25⅝ May 28
1,051	4,453	Carrier Corp (Un)	10	--	--	--	--	--	--	42 May 15	42¼ May 15	39⅝ Jan 15	42¼ May 19
7,811	30,118	Case & Co (J I) (Un)	12½	--	--	--	--	10⅜	Sale	8⅞ May 9	10⅝ May 23	7⅛ Jan 3	10⅝ May 23
21,816	87,191	Castle & Cooke, Inc	10	26⅜	Sale	32⅛	Sale	34	Sale	31⅞ May 1	37¾ May 22	26⅜ Jan 2	37¾ May 22
7,554	35,780	Caterpillar Tractor	*	37	Sale	37⅜	Sale	--	--	37⅜ May 1	43 May 29	34⅝ Mar 1	43 May 29
3,612	25,833	Celanese Corp of America	*	--	--	44¼	Sale	--	--	44⅛ May 6	46½ May 10	37 Feb 25	46½ May 10
726	5,174	Cenco Instruments Corp	1	--	--	--	--	--	--	45 May 13	45⅛ May 9	40¼ Jan 10	47 Feb 18
4,024	13,626	Cerro Corp (Un)	5	--	--	--	--	28⅛	Sale	24⅝ May 2	28⅛ May 31	19⅞ Jan 3	28⅛ May 31
1,991	16,291	Certain-teed Prods Corp	1	16	Sale	--	--	--	--	14 May 23	15¼ May 15	14 Mar 19	19¾ Feb 6
760	11,237	Chadbourn Gotham Inc	1	--	--	--	--	--	--	4 May 3	4 May 3	3¾ Apr 24	4⅝ Jan 11
1,044	10,657	Champlin Oil & Ref (Un)	1	--	--	--	--	--	--	31 May 9	33 May 15	29¾ Mar 1	34⅜ Jan 17
----	650	Charter Oil Co Ltd	1	--	--	--	--	--	--	-- ------	-- ------	1⅛ Feb 19	1¼ Mar 21
5,027	22,363	Chesapeake & Ohio (Un)	25	--	--	60⅝	Sale	63¼	Sale	60¼ May 1	63⅞ May 27	52⅞ Jan 3	63⅞ May 27
2,012	6,551	Chicago Mil & St Paul & Pacific Co (Un)	*	--	--	--	--	--	--	12 May 2	13¾ May 16	10¼ Mar 27	13¾ May 16

(Un) Admitted to unlisted trading privileges. See page 50 for all other footnotes.

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Aggregate Sales in May Shares	Sales Since Jan. 1 Shares	Pacific Coast Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
7,011	12,761	Chicago Rock Island & Pacific RR (Un)	*	—	—	—	—	23⅛	Sale	23 May 28	24⅜ May 8	19½ Jan 3	24⅝ Feb 13
1,075	6,392	Chris Craft Industries	1	—	—	—	—	—	—	15¾ May 14	17⅜ May 9	12¼ Mar 18	18¼ Apr 11
1,305	4,152	Christiana Oil Corp	1	—	—	—	—	5⅞	Sale	5⅝ May 23	6 May 14	5⅝ Jan 4	6½ Jan 29
16,782	285,371	Chrysler Corporation	25	72⅝	Sale	106½	Sale	—	—	102⅛ May 6	107¼ May 10	72 Jan 2	110⅜ Apr 22
59,712	66,736	When issued	12½	—	—	53½	Sale	63⅞	Sale	51⅛ May 6	64 May 3	51⅛ May 6	64 May 31
3,677	16,506	Cities Service Co (Un)	10	56⅜	Sale	67⅝	Sale	67½	Sale	66½ May 15	67¾ May 1	56⅜ Jan 2	67¾ May 1
1,700	8,061	Clary Corp	1	4¾	5	5¼	5⅝	7	7¼	5⅜ May 2	7⅛ May 29	4⅝ Mar 2	7⅛ May 29
830	5,076	Cohu Electronics Inc	1	3⅝	Sale	—	—	4	Sale	4 May 31	4¾ May 16	3⅝ Jan 2	4¾ May 16
2,982	28,635	Colorado Fuel & Iron	5	—	—	9⅝	Sale	55½	Sale	9⅜ May 7	10 May 10	8¾ Mar 19	10¾ Apr 16
4,526	23,504	Columbia Broadcast Sys	2.50	—	—	—	—	—	—	53⅞ May 20	56½ May 28	44⅝ Jan 8	56½ May 28
8,553	27,700	Columbia Gas System (Un)	10	—	—	29⅝	Sale	29½	Sale	29 May 6	30 May 22	27 Feb 5	30 May 22
1,874	14,807	Commercial Solvents (Un)	1	—	—	23¼	Sale	—	—	23¼ May 1	26 May 9	22⅛ Apr 5	27¾ Jan 29
2,181	21,250	Commonwealth Edison	12½	44¼	Sale	48⅝	Sale	48⅞	Sale	48⅜ May 2	49⅞ May 16	44¼ Jan 2	50¼ Feb 19
1,944	20,832	Consol Edison of NY (Un)	*	—	—	—	—	86½	Sale	85½ May 8	86¾ May 22	83¾ Jan 7	88 Apr 23
965	2,580	Consolidated Foods	1⅓	—	—	—	—	—	—	41¾ May 16	41⅞ May 20	34¼ Jan 8	41⅞ May 20
919	2,998	Consol Nat Gas Co (Un)	10	—	—	—	—	—	—	61¾ May 6	65 May 21	58½ Apr 8	65 May 21
1,260	3,760	Consolidated Oil & Gas	20c	—	—	—	—	—	—	4⅛ May 20	4¼ May 7	4⅛ May 20	4⅝ Feb 11
934	2,894	Consumers Power (Un)	*	—	—	—	—	—	—	43⅞ May 21	44 May 24	40⅞ Mar 4	44¾ Apr 18
2,864	15,090	Continental Can (Un)	10	—	—	—	—	—	—	44½ May 8	46¼ May 17	42⅝ Apr 2	46¼ May 17
617	1,626	Continental Cop & Steel Industries	2	—	—	—	—	—	—	4½ May 7	5¼ May 17	4½ Mar 19	5¼ May 17
3,600	15,623	Continental Insur (NY)	5	—	—	60¾	Sale	58¾	Sale	58½ May 29	60¾ May 1	58½ May 29	64⅛ Feb 18
21,000	51,284	Continental Motors (Un)	1	—	—	12½	Sale	—	—	12½ May 1	13 May 3	10⅞ Jan 3	13 May 3
1,271	40,147	Continental Oil Co (Un)	5	—	—	—	—	—	—	59½ May 2	63 May 16	55 Jan 4	63 May 16
500	708	Controls Co of America	5	—	—	—	—	—	—	25⅞ May 8	25⅞ May 8	25⅞ May 8	25⅞ May 8
4,704	21,016	Corn Products	50c	50	Sale	54⅛	Sale	57⅝	Sale	54⅛ May 1	59¼ May 23	50 Jan 2	59¼ May 23
1,387	3,682	Crane Co (Un)	25	—	—	—	—	—	—	47 May 20	48¾ May 9	46¾ Feb 12	49 Mar 6
1,358	6,502	Crestmont Consol Corp	1	—	—	—	—	4¾	Sale	4⅛ May 17	4¾ May 31	3⅞ Jan 3	4⅞ Apr 23
9,868	61,569	Crown Zellerbach com	5	46	Sale	56¼	Sale	52	Sale	51¾ May 28	56⅜ May 1	45¾ Jan 3	57½ Apr 25
208	454	$4.20 preferred	*	—	—	—	—	—	—	97¼ May 15	97½ May 17	97¼ Jan 14	99 Apr 1
4,325	20,924	Crucible Steel Co of America (Un)	12.50	—	—	20½	Sale	—	—	19⅞ May 21	21¼ May 29	17¼ Jan 30	21⅝ Apr 16
780	5,693	Cudahy Packing Co (Un)	5	8	Sale	—	—	—	—	8 May 3	8¾ May 13	8 Jan 2	10 Jan 25
355	3,965	Curtis Publishing Co (Un)	1	—	—	—	—	—	—	7 May 24	7 May 24	6⅝ Apr 8	8½ Feb 14
10,510	56,071	Curtiss-Wright Corp (Un)	1	17½	Sale	—	—	—	—	21⅛ May 2	24¼ May 16	17½ Jan 2	24¼ May 16
95	388	Class "A" (Un)	1	—	—	—	—	—	—	a—	a—	a—	a—
2,868	22,362	Cutter Laboratories Inc— Class A common	1	11	11¾	13⅛	13⅝	13¾	Sale	13⅜ May 2	14⅛ May 15	11⅝ Jan 7	14⅝ Feb 13
230	908	Class B common	1	11¼	11⅝	12¾	13½	13	13½	a—	a—	13 Mar 8	13¾ Feb 6
1,582	3,815	Cypress Abbey Co	2	2.15	2.25	2.15	2.25	2.30	2.50	2.25 May 8	2.45 May 16	2.15 Jan 21	2.45 May 16
142	2,372	Decca Records Inc	50c	—	—	—	—	—	—	45¾ May 29	45¾ May 29	45¼ Jan 22	46 Apr 26
2,189	12,875	Deere & Co (Un)	1	—	—	—	—	68¼	Sale	63 May 7	68¼ May 31	53¼ Jan 9	68¼ May 31
4,318	15,377	Denver & Rio Grande Western RR (Un)	*	—	—	—	—	23	Sale	20⅜ May 6	23 May 29	19¾ Mar 29	23 May 29
1,442	7,881	Desilu Productions Inc	1	7¼	7¾	7¼	7⅝	6⅞	7⅛	7 May 24	7⅜ May 8	7 May 24	8½ Jan 4
7,761	23,739	DiGiorgio Fruit Corp	2.50	13⅝	14	13⅝	Sale	14¾	15⅛	13½ May 9	15⅝ May 14	11⅜ Feb 28	15⅝ May 14
6,669	23,818	Disney (Walt) Prod	2.50	28¾	Sale	34⅜	Sale	—	—	34¼ May 1	36½ May 2	28¾ Jan 2	36½ May 2
266	4,911	Dome Mines Ltd (Un)	*	—	—	—	—	—	—	26¾ May 21	26¾ May 21	24⅝ Jan 15	28⅜ Mar 25
471	1,801	Dorr-Oliver Corp com	7½	12	12½	12¼	12¾	12¼	12⅝	12⅝ May 10	12¾ May 16	12½ Jan 21	13¼ Jan 29
225	525	$2 preferred	32½	34	35½	35½	36½	35¾	36½	35¼ May 7	36 May 17	35¾ May 7	39½ Feb 8
4,359	38,291	Douglas Aircraft	*	—	—	—	—	23⅝	Sale	23½ May 29	25½ May 3	23 Mar 26	29¾ Jan 11
4,809	28,651	Dow Chemical Co	5	55⅞	Sale	—	—	62½	Sale	61¾ May 24	65½ May 14	55 Mar 1	65⅞ Apr 30
3,151	16,483	Dresser Industries	50c	—	—	—	—	26⅛	Sale	24⅝ May 13	26¾ May 22	22⅝ Jan 3	26¾ May 22
1,701	15,593	du Pont de Nemours (Un)	5	—	—	—	—	—	—	251⅛ May 28	256¾ May 9	235¼ Mar 1	256¾ May 9
2,544	11,864	Eastern Air Lines (Un)	1	—	—	—	—	—	—	19⅜ May 14	22¾ May 28	19⅛ Apr 16	24⅛ Feb 11
14,109	28,587	Eastman Kodak Co (Un)	10	—	—	116⅞	Sale	115⅜	Sale	113⅛ May 22	116⅞ May 1	108¾ Jan 3	120⅞ Apr 25
500	1,300	Elder Peel Corp Ltd	1	¾	1	¾	⅞	—	—	1 1/16 May 17	1 1/16 May 17	⅞ Mar 15	1 1/16 May 17
15,911	86,085	El Paso Natural Gas	3	17¼	Sale	19⅝	Sale	19⅛	Sale	19 May 23	20¼ May 1	17⅛ Jan 2	20½ Apr 22
239	1,087	Electric Auto-Lite (Un)	5	—	—	—	—	—	—	a—	a—	51½ Jan 9	51½ Jan 9
503	2,044	Electric Bond & Sh (Un)	5	—	—	—	—	—	—	31 May 10	31 May 10	28⅜ Jan 7	31 Apr 29
6,898	32,365	Electronics Specialty	50c	24¼	Sale	23½	Sale	—	—	22½ May 10	24½ May 15	20¾ Mar 28	25⅛ Jan 4
1,094	6,886	Emerson Radio & Phonograph (Un)	5	—	—	—	—	—	—	9¾ May 3	10⅛ May 10	9⅜ Mar 1	11⅜ Jan 24
8,510	34,137	Emporium Capewell	10	37¾	Sale	37¼	Sale	36	Sale	35¾ May 27	37⅜ May 3	34¾ Mar 1	39 Jan 15
130	8,196	Erie-Lack RR (Un)	*	—	—	—	—	—	—	3 May 13	3 May 13	3 Jan 7	4⅛ Feb 13
16,800	161,770	Eureka Corp Ltd ($1 or 25c)		⅛	1/16	22c	Sale	17c	Sale	17c May 31	23c May 9	15c Feb 4	35c Mar 5
5,832	18,675	Eversharp Inc	1	25½	Sale	—	—	41⅝	Sale	34⅞ May 6	42¼ May 28	25½ Jan 2	42¼ May 28
28,850	94,705	Exeter Oil Co Ltd "A"	1	.40	Sale	49c	Sale	48c	Sale	47c May 8	62c May 3	35c Feb 26	62c May 3
13,033	50,166	FMC Corp	10	—	—	41½	Sale	42⅝	Sale	40¾ May 1	44 May 14	35¾ Jan 3	44 May 14
6,249	37,734	Factor (Max) & Co	1	—	—	—	—	—	—	45⅜ May 17	48½ May 3	37⅝ Jan 3	48½ May 3
8,858	36,812	Fairbanks Whitney	1	—	—	4⅜	Sale	—	—	4¼ May 2	5⅜ May 9	4¼ Apr 17	6⅛ Jan 11
3,807	24,794	Fairchild Camera & Instrument Corp (Un)	5	45⅛	Sale	35⅞	Sale	39¼	Sale	35⅞ May 1	39¼ May 31	32¾ Apr 5	49¾ Jan 14
1,378	11,043	Fairchild Stratos (Un)	1	7¼	Sale	—	—	6½	Sale	6½ May 9	6¾ May 3	6½ May 9	8¾ Feb 6
887	6,194	Fansteel Metallurgical (Un)	5	—	—	18¾	Sale	—	—	18¾ May 1	19¼ May 23	18¾ May 1	22¾ Feb 18
313	2,994	Fargo Oils Ltd	1	—	—	—	—	—	—	2 1/16 May 14	2¼ May 14	2⅛ Mar 26	2 1/16 Jan 15
913	3,940	Fawick Corp	2	—	—	—	—	—	—	8⅞ May 9	9⅝ May 16	8⅛ Mar 7	9⅝ May 16
710	2,514	Fedders Corp (Un)	1	—	—	—	—	—	—	18¾ May 16	19¾ May 17	17¼ Jan 9	19¾ May 17
289	3,462	Federal-Mogul-Bower Bearings	5	38¼	39¼	—	—	46	47	a—	a—	38 Mar 13	42¼ Apr 19
5,177	18,461	Fibre Board Paper Prod	*	24	Sale	29	Sale	—	—	27⅝ May 27	29½ May 3	24 Jan 2	29½ May 3
1,803	8,911	Firestone Tire & Rub (Un)	*	—	—	37⅜	Sale	—	—	35⅜ May 24	37½ May 10	33⅜ Mar 13	37½ May 10
12,582	55,823	First Charter Financial	*	—	—	39	Sale	—	—	36½ May 28	40 May 16	32 Jan 24	43⅝ Apr 16
4,051	24,741	Flintkote Co (The)	5	17⅞	Sale	19½	Sale	21¾	Sale	19½ May 1	22⅜ May 24	17⅞ Jan 2	22⅜ May 24
550	3,041	Florida Power & Light (Un)	*	—	—	—	—	—	—	73¼ May 8	74¾ May 13	69½ Mar 6	74¾ May 13
1,830	5,547	Fluor Corp Ltd	2.50	—	—	14¾	Sale	—	—	14¼ May 14	16⅛ May 28	14¼ May 14	17⅛ Feb 25
1,767	15,880	Flying Tiger Line Inc	1	14½	Sale	12⅝	Sale	13¼	Sale	12¼ May 3	13¼ May 31	11¼ Apr 16	16 Feb 13
1,558	3,398	Food Fair Stores Inc	1	—	—	—	—	—	—	23⅝ May 6	24⅛ May 9	22⅝ Mar 27	24¾ Feb 27
37,361	216,039	Ford Motor Co	2½	45½	Sale	49	Sale	51⅞	Sale	48 May 6	51⅞ May 31	42 Feb 28	51⅞ May 31
45,617	86,351	Foremost Dairies Inc	2	8¾	Sale	8⅞	Sale	10⅜	Sale	8⅞ May 1	11⅛ May 20	8⅝ Jan 7	11⅛ May 20
17,657	44,945	Friden Inc	33⅓c	28¾	29⅜	31⅛	Sale	—	—	31 May 1	37⅝ May 21	26⅝ Mar 20	37⅝ May 21
10,150	45,646	Fruehauf Trailer Co	1	24⅞	Sale	—	—	32⅜	Sale	30 May 6	32¾ May 14	24⅞ Jan 2	32¾ May 14
1,048	3,604	Garrett Corp	2	—	—	45½	Sale	—	—	44⅜ May 16	45½ May 1	40¼ Mar 20	45½ May 1
1,950	17,787	Gen Amer Oil Co of Tex	5	—	—	36½	Sale	—	—	34⅜ May 7	36½ May 1	34 Mar 1	40 Jan 3
646	4,904	General Controls Co	5	—	—	—	—	—	—	16⅜ May 15	16⅜ May 15	15⅛ Jan 10	16⅜ May 15
6,336	39,038	General Dynamics Corp	1	28⅜	Sale	—	—	25¾	Sale	25⅛ May 29	26½ May 2	25⅛ May 29	30 Feb 6
16,442	67,378	Gen Electric Co (Un)	5	—	—	80	Sale	84	Sale	79⅜ May 1	84¼ May 31	72½ Mar 18	84¼ May 31
38,648	193,137	Genl Explor Co of Calif	1	7¾	8⅛	12	Sale	12⅝	Sale	11¾ May 1	14⅝ May 9	7¾ Jan 4	14⅝ May 9
4,730	19,793	General Foods Corp (Un)	*	—	—	81⅜	Sale	—	—	79 May 7	82 May 15	77⅞ Mar 1	84⅞ Jan 22
4,107	21,238	General Mills Inc (Un)	3	—	—	36¼	Sale	37	Sale	34⅜ May 21	37 May 31	31⅝ Jan 7	37⅞ Apr 5
60,145	301,981	General Motors Corp	1⅔	58⅛	Sale	69⅛	Sale	73¼	Sale	68⅝ May 1	73¼ May 31	58 Jan 2	73¼ May 31
4,710	14,169	Genl Public Serv (Un)	10c	—	—	—	—	—	—	5¾ May 2	5⅞ May 7	5½ Mar 20	5⅞ Jan 28
2,780	12,144	General Public Util (Un)	2½	—	—	—	—	33¾	Sale	33⅝ May 29	34⅛ May 3	31¾ Jan 11	34¼ Feb 12
31,990	199,550	General Telephone & Electronics Corp (Un)	3⅓	23⅛	Sale	26⅛	Sale	26⅜	Sale	25⅝ May 7	26⅞ May 15	23 Jan 2	26⅞ May 15
11,039	69,103	Gen Tire & Rubber	30c	—	—	27¾	Sale	25¾	Sale	24½ May 27	27¾ May 1	20¾ Jan 16	27¾ May 1
2,574	14,606	Georgia-Pac Corp (Un)	80c	—	—	51¾	Sale	50⅝	Sale	50¼ May 17	52⅜ May 2	44⅝ Mar 13	52⅜ May 2
502	3,099	Gerber Products Corp	5	—	—	—	—	—	—	a—	a—	53½ Jan 28	61¾ Apr 24
3,592	41,963	Getty Oil Co	4	—	—	23⅛	Sale	22	Sale	21⅝ May 21	23⅞ May 3	17½ Jan 10	24¼ Apr 16
1,008	7,425	Gibraltar Financial Corp	1	—	—	—	—	—	—	31⅛ May 10	32⅛ May 15	28⅝ Jan 24	36½ Apr 15
15,826	140,153	Gillette Co	1	31	Sale	34½	Sale	33⅛	Sale	31⅝ May 22	35¼ May 13	28¼ Jan 11	36¾ Apr 8
319	1,619	Gimbel Bros (Un)	5	—	—	—	—	—	—	38 May 28	38⅞ May 16	37⅛ Feb 25	38⅞ May 16
4,236	15,894	Glen Alden Corp (Un)	1	—	—	13	Sale	—	—	12⅞ May 2	15½ May 23	10⅛ Jan 3	15½ May 23
651	2,754	Glidden Co (Un)	10	—	—	—	—	—	—	39⅜ May 3	39⅜ May 3	38⅛ Jan 4	39¾ Feb 14
11,460	72,793	Goebel Brewing Co	1	.48	Sale	80c	85c	90c	94c	81c May 20	93c May 27	45c Jan 2	1.10 Jan 22
38,906	335,726	Good Humor Co of Calif	10c	.83	Sale	70c	Sale	70c	Sale	68c May 10	74c May 17	66c Apr 2	95c Jan 7
6,722	23,928	Goodrich (B F) (Un)	10	—	—	—	—	50½	Sale	49⅝ May 8	52⅜ May 20	42⅞ Jan 3	52⅜ May 20
13,965	39,716	Goodyear Tire & Rubber	*	—	—	36¼	Sale	—	—	36 May 14	37⅝ May 16	32⅜ Mar 6	37⅝ May 16
3,295	10,138	Grace (W R) & Co	1	40	Sale	—	—	—	—	44⅜ May 13	48 May 29	37⅞ Mar 1	48 May 29
615	13,421	Granite City Steel (Un)	6¼	—	—	—	—	—	—	29¼ May 15	29⅜ May 8	27¾ Mar 15	31⅝ Apr 15

(Un) Admitted to unlisted trading privileges. See page 50 for all other footnotes.

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Aggregate Sales in May Shares	Aggregate Sales Since Jan. 1 Shares	Pacific Coast Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY — May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
290,190	455,875	Great Basins Petroleum	20c	3½	Sale	2¾	Sale	4⅝	Sale	2⅝ May 2	4⅝ May 15	2⅝ May 2	4⅝ May 15
9,082	58,430	Great Lakes Chemical	1	2	2⅛	2½	Sale	2¼	Sale	2¼ May 31	2⅝ May 2	2⅛ Jan 8	3⅜ Jan 10
6,908	36,342	Great Northern Ry (Un)	*	--	--	--	--	54¼	Sale	48⅞ May 2	54¼ May 31	44 Jan 16	54¼ May 31
22,848	134,012	Great Western Financial	1	18	Sale	20¼	Sale	21	Sale	19¼ May 28	21½ May 2	17 Jan 14	24½ Apr 15
11	123	Gt Western Producers	60c	5¾	6¼	6⅝	7⅛	6½	7⅜	a-- ------	a-- ------	a-- ------	a-- ------
6,653	23,942	Greyhound Corp com	3	31⅞	Sale	42⅞	Sale	42¼	Sale	39¾ May 21	44⅛ May 3	31⅞ Jan 2	44⅛ May 3
215	643	4½% conv pfd	50	--	--	--	--	--	--	a-- ------	a-- ------	62¼ Jan 3	62¼ Jan 3
2,418	9,748	Grumman Aircraft Engineering (Un)	1	44¾	Sale	50	Sale	--	--	49¼ May 22	52¼ May 13	42¼ Jan 29	52¼ May 13
3,643	18,822	Gulf American Land Corp	1	6	6¼	4¾	4⅞	5	5¼	4⅞ May 3	5½ May 14	4¾ Apr 30	6⅝ Jan 8
495	3,209	Gulf Mobile & Ohio RR Co (Un)	*	--	--	--	--	--	--	39½ May 29	39½ May 29	32 Jan 4	39½ May 29
31,163	113,387	Gulf Oil Corp (Un)	8⅓	38⅝	Sale	46¼	Sale	45⅝	Sale	44¾ May 6	46½ May 1	38⅛ Jan 7	46¾ Apr 30
4,240	12,528	Hammond Organ Co (Un)	1	--	--	22⅞	Sale	--	--	22½ May 2	24⅞ May 22	21⅝ Mar 4	24⅞ May 22
102	1,456	Hartfield Stores	1	6	6½	6	6⅝	6¾	7¼	6 May 10	6 May 10	6 May 10	7⅞ Jan 10
12,738	14,938	Hawaiian Telephone Co	5	--	--	24⅛	Sale	22¼	Sale	22¼ May 31	24⅞ May 6	23⅞ Apr 3	24⅞ May 6
1,486	8,108	Hercules Powder (Un)	1 1/24	41⅜	Sale	38¼	Sale	--	--	37¼ May 17	39½ May 23	37¼ May 17	43¼ Jan 15
718	2,515	Hertz Corp (Un)	1	--	--	--	--	--	--	50 May 8	52 May 16	43 Feb 11	52 May 16
10,036	40,119	Hewlett-Packard Co	1	23⅝	Sale	22¾	Sale	--	--	21¼ May 21	23¼ May 1	18¾ Apr 9	26¾ Jan 11
4,349	13,458	Hilton Hotels Corp	2.50	--	--	25	Sale	24¾	Sale	24⅝ May 29	25¼ May 1	24⅝ May 29	28¾ Feb 7
265	3,450	Warrants		--	--	--	--	--	--	6⅛ May 21	6¼ May 10	6⅛ May 21	7¾ Jan 14
3,812	17,523	Hoffman Electronics	50c	9½	Sale	--	--	--	--	8 May 9	9¼ May 10	7¾ Apr 17	10⅜ Jan 4
2,691	15,481	Holly Oil Co	1	1.60	1.70	1.65	1.70	1.65	Sale	1.65 May 7	1.70 May 16	1.55 Mar 14	1.85 Jan 14
87	1,140	Home Oil Co Ltd cl A	*	10½	11	12¼	12⅝	--	--	a-- ------	a-- ------	11¼ Mar 8	11¾ Feb 7
125	642	Class B	*	10⅜	10¾	12½	12⅞	--	--	a-- ------	a-- ------	11⅝ Feb 12	11⅞ Feb 4
996	11,138	Homestake Min'g (Un)	12½	--	--	--	--	--	--	45¾ May 10	48⅛ May 21	45⅛ Jan 7	50¾ Mar 8
1,148	5,549	Howe Sound Co (Un)	1	11¼	Sale	--	--	--	--	11⅞ May 14	13⅛ May 23	11¼ Jan 2	13⅛ May 23
821	5,419	Hupp Corp (Un)	1	--	--	--	--	--	--	7⅛ May 13	7½ May 15	6⅞ Mar 20	8⅝ Jan 14
1,545	3,837	Idaho Power Co	5	--	--	--	--	--	--	34½ May 17	36½ May 23	33 Mar 21	36½ May 23
954	11,007	Ideal Cement Co	5	--	--	24¾	Sale	--	--	24½ May 7	25 May 10	21⅛ Mar 15	25⅜ Apr 23
623	6,442	Illinois Central RR (Un)	*	--	--	--	--	--	--	51 May 14	51 May 14	42¼ Jan 7	51 May 14
41,672	180,154	Imperial Western	50c	1.20	1.30	97c	Sale	90c	Sale	80c May 29	1.05 May 3	80c May 29	1.45 Jan 10
2,927	10,967	Inland Steel Co (Un)	*	--	--	39⅛	Sale	42¼	Sale	39 May 7	42¼ May 31	36¾ Mar 18	42¼ May 31
120	1,040	Interlake Iron Corp (Un)	*	--	--	--	--	--	--	a-- ------	a-- ------	25 Jan 9	26⅝ Apr 15
300	300	Int'l Business Mach (Un)	5	--	--	--	--	477¾	Sale	463 May 29	474¾ May 31	463 May 29	474¾ May 31
11,181	29,365	Internat'l Harvester (Un)	*	--	--	60½	Sale	59¼	Sale	58⅝ May 29	63 May 20	50½ Jan 3	63 May 20
2,394	15,896	International Nickel Co of Can Ltd (Un)	*	--	--	--	--	--	--	64½ May 20	66 May 6	58¾ Mar 11	67⅜ Jan 31
8,770	67,083	Int'l Paper Co (Un)	2.50	--	--	32	Sale	31¾	Sale	30⅜ May 10	32⅛ May 2	27 Mar 4	32⅜ Apr 8
278	1,012	Int'l Pipe & Ceramics com	1	--	--	--	--	--	--	32½ May 20	32½ May 20	31 Apr 25	32½ Mar 19
222	6,143	5% conv preferred	100	--	--	--	--	--	--	a-- ------	a-- ------	104¾ Jan 17	107 Apr 4
2,007	11,696	Int'l Rectifier Corp	1	--	--	--	--	--	--	8 May 7	8¼ May 2	8 May 7	10½ Jan 28
3,939	30,083	Int'l Tel & Tel (Un)	*	--	--	48⅛	Sale	47⅞	Sale	47 May 22	49⅛ May 9	42½ Jan 3	49⅛ May 9
62	912	Interstate Power Co	3½	--	--	--	--	--	--	a-- ------	a-- ------	26 Feb 13	27 Mar 1
100	100	Rights		--	--	--	--	--	1/16 Sale	1/16 May 31	1/16 May 31	1/16 May 31	1/16 May 31
1,700	4,931	Intex Oil Co	33½c	6	Sale	7¼	7½	7¾	Sale	7¼ May 2	7⅞ May 6	6 Jan 2	7⅞ May 6
34,618	137,421	Jade Oil Co	50c	3¾	Sale	3¾	Sale	4⅛	Sale	3⅜ May 13	4⅛ May 31	2⅜ May 13	4½ Jan 10
6,218	27,636	Johns-Manville Corp (Un)	5	--	--	48	Sale	--	--	48 May 1	49⅛ May 16	43½ Mar 8	50⅜ Apr 8
2,082	18,694	Jones & Lghlin Steel (Un)	10	--	--	--	--	--	--	54¼ May 7	56⅝ May 13	49⅝ Jan 18	57⅞ Apr 16
3,866	20,960	Jorgensen (Earle M)	1	--	--	14½	Sale	15	Sale	14½ May 1	15 May 24	13⅝ Feb 26	15¼ Apr 22
7,244	22,513	Kaiser Alum & Chem	33⅓c	35⅝	Sale	--	--	40	Sale	36⅜ May 2	40¾ May 14	32⅞ Feb 13	40¾ May 14
50	133	4¾% cum pfd	50	--	--	--	--	--	--	a-- ------	a-- ------	a-- ------	a-- ------
155	180	4⅛% conv preferred	100	--	--	--	--	--	--	a-- ------	a-- ------	a-- ------	a-- ------
10,377	55,378	Kaiser Industries	4	6¼	6⅝	7½	Sale	7¾	Sale	7⅛ May 2	8¼ May 13	6⅜ Mar 1	8⅜ Apr 16
126	1,318	Kansas Pow & Lt Co (Un)	8¾	48	Sale	--	--	--	--	51 May 6	51 May 6	48 Jan 2	53½ Feb 1
5,217	42,112	Kennecott Copper (Un)	*	--	--	79¼	Sale	--	--	74¾ May 8	79¼ May 1	67½ Jan 3	79¼ May 1
4,732	21,177	Kern County Land Co	2.50	--	--	75¾	Sale	74¼	Sale	73¼ May 8	76⅛ May 23	71½ Mar 6	78¾ Jan 10
200	994	Kirkeby-Natus Corp	1	--	--	--	--	--	--	19½ May 24	19½ May 24	17¾ Jan 14	19½ May 24
20,022	92,737	Kratter Corp class A com	1	15¾	Sale	8¼	Sale	8½	Sale	7¾ May 1	9⅞ May 16	7¾ May 1	17 Jan 18
----	128	Kropp Forge Co	33⅓c	--	--	--	--	--	--	-- ------	-- ------	a-- ------	a-- ------
23	446	Laclede Gas Co (Un)	4	--	--	--	--	--	--	a-- ------	a-- ------	30⅜ Mar 19	30⅜ Mar 19
----	304	Larchfield Corp	1	--	--	--	--	--	--	-- ------	-- ------	5⅜ Apr 16	5⅜ Apr 16
7,863	33,193	Lear Siegler Inc	1	--	--	15½	Sale	15⅝	Sale	15⅜ May 6	16¾ May 17	15¼ Apr 18	18⅜ Jan 14
1,389	7,327	Lehman Corp (Un)	1	26⅞	Sale	28¼	Sale	--	--	28⅛ May 1	29⅛ May 27	26⅞ Jan 2	29¾ Feb 2
1,267	14,970	Leslie Salt Co	10	58	Sale	56	58	55¼	Sale	55 May 29	57 May 17	54½ Apr 24	64 Mar 13
7,145	28,700	Libby McNeill & Libby	7	--	--	15⅝	Sale	--	--	15½ May 6	16⅛ May 2	12¼ Jan 16	16⅛ Mar 2
6,165	19,410	Liggett & Myers Tob (Un)	25	--	--	--	--	77¼	Sale	77¼ May 31	82¾ May 3	67 Jan 3	82¾ May 3
1,769	21,908	Ling-Temco-Vought (Un)	50c	--	--	--	--	14⅞	Sale	14½ May 6	15⅞ May 23	14 Apr 16	18⅛ Feb 27
527	3,834	Lithium Corp of America	1	6⅞	Sale	--	--	--	--	7½ May 14	7¾ May 6	6⅞ Jan 2	9⅛ Mar 22
24,954	102,470	Litton Industries Inc	1	64¼	65¼	68¼	Sale	76⅜	Sale	66¾ May 7	76⅜ May 31	57⅞ Mar 1	76⅜ May 31
30,799	97,315	Lockheed Aircraft Corp	1	52¾	Sale	57	Sale	54¼	Sale	54¼ May 31	58¼ May 13	49⅜ Jan 23	58¼ May 13
517	2,521	Loew's Theatres (Un)	1	--	--	--	--	--	--	17⅝ May 6	19½ May 16	17¼ Apr 22	19⅞ Feb 19
8,541	45,791	Lone Star Cement (Un)	4	18⅜	Sale	21⅝	Sale	22¾	Sale	21¼ May 6	23 May 24	18⅜ Jan 2	23 May 24
6,302	39,452	Lorillard (P) Co (Un)	5	--	--	51	Sale	--	--	48¾ May 3	53⅛ May 15	42⅝ Feb 27	54 Apr 18
67,774	343,944	M J M & M Oil Co (Un)	10c	31c	Sale	31c	33c	35c	Sale	30c May 7	35c May 31	30c Feb 4	39c Apr 9
265	4,367	Macy & Co Inc (R H)	1	--	--	--	--	--	--	a-- ------	a-- ------	56¾ Jan 23	64½ Apr 23
726	3,464	Madison Sq Garden Corp	1	--	--	--	--	--	--	1⅞ May 2	2 May 7	1⅞ Jan 16	2⅜ Jan 16
11,761	48,495	Magnavox Co (Un)	1	36¼	Sale	42½	Sale	42	Sale	41½ May 7	45½ May 27	36¼ Jan 2	45½ May 27
1,511	10,918	Marathon Oil Company	*	--	--	--	--	52½	Sale	51 May 9	52¾ May 20	44⅝ Jan 7	53⅛ Apr 22
1,360	8,756	Marquardt Corp	1	12½	Sale	--	--	--	--	11¼ May 8	12⅜ May 13	11¼ May 8	15½ Feb 26
43,637	177,617	Martin Marietta Corp	1	21½	Sale	19⅝	Sale	19¼	Sale	19⅛ May 31	21 May 8	19⅛ May 31	22⅝ Jan 4
21,581	74,618	McCulloch Oil Corp	50c	1⅞	2	1¾	1⅞	1⅞	Sale	1⅝ May 6	2¼ May 20	1⅝ Mar 20	2¼ Jan 28
1,316	14,876	McKesson & Robbins (Un)	9	--	--	--	--	--	--	46 May 28	50⅜ May 13	40¼ Mar 1	50⅜ May 13
1,375	10,800	Meier & Frank Co Inc	10	16⅛	Sale	18⅝	Sale	17⅝	18⅜	18⅛ May 22	18⅝ May 1	16⅛ Jan 2	19¼ Apr 10
430	18,392	Menasco Manufacturing Co	1	4½	4¾	5⅜	5⅝	5¼	5½	5 May 7	5½ May 9	4½ Jan 10	6½ Feb 8
8,957	68,244	Merchants Petroleum Co	25c	1.55	1.65	1.45	Sale	1.35	1.40	1.35 May 17	1.55 May 3	1.35 Apr 17	1.75 Jan 9
1,068	9,281	Merck & Co (Un)	16⅔	--	--	--	--	--	--	86¼ May 8	88½ May 28	80¼ Feb 28	89⅜ Apr 30
3,324	14,435	Merritt-Chapman & Scott (Un)	12½	--	--	13⅛	Sale	--	--	12¼ May 6	13⅛ May 1	12 Feb 5	13¼ Apr 26
2,482	19,118	Metro-Goldwyn-Mayer Inc. (Un)	*	--	--	31½	Sale	36⅞	Sale	31½ May 1	36⅞ May 31	28 Feb 28	36⅞ May 31
1,816	8,074	Middle South Utilities	10	--	--	--	--	--	--	36¾ May 27	38⅛ May 16	35⅛ Jan 14	38¾ Apr 2
5,909	33,161	Minnesota Min & Mfg	*	--	--	61¼	Sale	59	Sale	58¾ May 28	62 May 1	53¾ Jan 3	63 Apr 23
91	662	Minn Pwr & Lt Co (Un)	*	--	--	--	--	--	--	a-- ------	a-- ------	42¼ Feb 25	43½ Apr 11
164	2,603	Mission Development (Un)	5	--	--	--	--	--	--	32¾ May 3	32¾ May 3	31 Apr 17	32¾ May 3
1,313	14,978	Miss River Fuel Corp	10	38¼	Sale	39¾	Sale	40½	Sale	38¾ May 14	40½ May 31	38¼ Jan 2	42⅝ Mar 8
8,541	36,880	Monogram Precision Indus	1	1⅝	Sale	1½	Sale	1½	1⅝	1⅜ May 1	1⅝ May 3	1⅜ Apr 8	1⅞ Jan 22
2,819	23,212	Monsanto Chemical (Un)	2	--	--	--	--	51½	Sale	51½ May 31	54 May 16	49½ Jan 3	54¼ Apr 10
454	2,371	Montana-Dakota Util (Un)	5	--	--	--	--	--	--	a-- ------	a-- ------	39½ Jan 4	42⅝ Apr 8
1,534	5,043	Montana Power Co	*	--	--	--	--	38	Sale	37¾ May 6	38¾ May 14	37¼ Jan 3	39⅜ Apr 9
18,357	86,301	Montgomery Ward (Un)	*	--	--	36½	Sale	36½	Sale	35½ May 27	38⅝ May 9	32⅞ Jan 3	38⅝ May 9
1,768	11,099	Motorola Inc (Un)	3	--	--	--	--	--	--	65¼ May 13	67 May 21	61 Apr 18	72½ Feb 15
412	2,977	Mt Diablo Co	1	5¾	6	--	--	--	--	6 May 14	6⅛ May 20	5¾ Jan 3	6½ Mar 18
6,141	27,039	National Airlines Inc	1	--	--	30¼	Sale	29⅛	Sale	28⅛ May 14	30⅜ May 1	23 Jan 18	30⅜ May 1
1,092	7,794	National Biscuit Co	5	--	--	49¼	Sale	--	--	47⅞ May 28	49¼ May 1	44 Jan 4	50 Feb 25
2,354	7,730	Nat'l Cash Register (Un)	5	--	--	--	--	--	--	70¼ May 24	72½ May 6	69¾ Apr 29	81 Jan 3
150	1,950	National City Lines Inc	1	--	--	--	--	--	--	a-- ------	a-- ------	22½ Jan 8	25⅛ Apr 9
11,090	41,993	Nat'l Distillers & Chemical Corp (Un)	5	24⅜	Sale	25⅞	Sale	24¾	Sale	24⅛ May 13	25⅞ May 1	24 Feb 28	26¼ Apr 9
1,322	18,713	National Gypsum Co (Un)	1	40¾	Sale	--	--	--	--	46 May 23	48¾ May 29	40¾ Jan 2	49⅝ Apr 30
82	187	National Linen Serv com	1	--	--	--	--	--	--	a-- ------	a-- ------	a-- ------	a-- ------
1,921	5,731	Natl Steel Corp (Un)	10	--	--	39⅞	Sale	--	--	39⅞ May 1	44⅞ May 22	35⅝ Mar 1	44⅞ May 22
54,209	360,783	National General (Un)	1	8	Sale	10¾	Sale	11½	Sale	10½ May 1	12¼ May 9	8 Jan 2	12⅜ Feb 25
3,016	23,740	Natomas Company	1	7	Sale	8⅛	Sale	8½	Sale	8¼ May 1	8½ May 31	6⅞ Feb 8	9 Apr 15
2,345	15,879	New Eng Elec Syst (Un)	1	24¾	Sale	--	--	--	--	27⅜ May 22	27⅞ May 10	24¾ Jan 2	28⅜ Apr 29
1,100	4,225	New Idria Min & Chem	50c	1/8	1/4	½	⅝	--	--	½ May 3	⅝ May 23	½ May 3	¾ Jan 7
2,562	8,383	N Y Central RR Co (Un)	*	--	--	18⅛	Sale	21⅞	Sale	18⅛ May 1	21⅞ May 31	15⅜ Jan 16	21⅞ May 31
2,223	15,466	Niagara Mohawk Pow (Un)	*	--	--	50	Sale	--	--	49⅝ May 7	50⅜ May 24	46⅞ Jan 7	50⅜ May 24
28,045	94,617	Nordon Corp Ltd	*	3⅛	Sale	2.65	Sale	2.20	Sale	2.10 May 29	2.85 May 6	2.06 Apr 16	3½ Jan 4
5,900	29,860	Norris Oil Co	1	1.30	1.35	1.25	Sale	1.15	1.30	1.20 May 16	1.30 May 7	1.20 May 16	1.65 Mar 18
1,923	11,945	Norris-Thermador Corp	50c	18⅛	Sale	21	Sale	--	--	20⅝ May 9	22⅛ May 21	18⅛ Jan 2	22⅛ May 21
3,893	45,659	North Amer Aviation (Un)	1	64½	Sale	--	--	58⅛	Sale	58⅛ May 31	63¼ May 13	58⅛ May 31	64½ Jan 2
1,053	8,575	North Amer Invest com	1	23½	25	27⅜	Sale	--	--	27 May 1	32 May 28	25 Jan 3	32 May 28
45	892	6% preferred	25	--	--	27	--	30	32	27⅛ May 6	27⅛ May 6	26⅜ Feb 25	27⅛ May 6

(Un) Admitted to unlisted trading privileges. See page 50 for all other footnotes.

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Aggregate Sales in May Shares	Sales Since Jan. 1 Shares	Pacific Coast Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY — May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
----	1,000	North Amer Royalties	1	--	--	--	--	--	--	-- ------	-- ------	1¾ Jan 23	1⅞ Apr 24
21,133	32,040	Northern Pacific (Un)	5	--	--	--	--	48	Sale	45 May 6	48 May 28	39⅛ Jan 17	48 May 28
8,116	44,489	Northrop Corp Inc	1	23	Sale	24½	Sale	--	--	23 May 17	24½ May 1	21⅝ Mar 20	25⅛ Jan 18
82,159	134,519	Occidental Petroleum	20c	20¾	Sale	20	Sale	26¾	Sale	19⅞ May 3	27⅜ May 31	19⅝ Mar 1	27⅜ May 21
555	6,126	Ohio Edison (Un)	15	--	--	--	--	--	--	47¾ May 28	49 May 9	47¾ May 28	50¾ Feb 13
6,731	30,366	Olin Mathieson Chemical	5	--	--	--	--	40	Sale	38⅛ May 27	41 May 13	32¼ Jan 3	41 May 13
3,690	13,329	Outboard Marine Co	30c	--	--	11⅝	Sale	--	--	11½ May 15	12¼ May 3	11½ May 15	15¼ Jan 11
754	6,041	Owens-Illinois Glass	6.25	--	--	--	--	--	--	81½ May 17	84 May 6	72¾ Jan 24	84 Apr 29
10	340	Pacific American Corp	5	17¾	18¼	15½	15¾	17¾	18⅛	a-- ------	a-- ------	17¾ Apr 1	17¾ Apr 1
4,711	19,572	Pac Cement & Aggregates	5	12½	13	14⅛	Sale	15½	Sale	13¾ May 6	15½ May 31	13 Mar 14	15½ Apr 31
1,407	14,797	Pacific Clay Products	8	25	26	34⅜	35¼	36	36¾	34¾ May 27	35¼ May 21	25 Jan 3	35¼ May 21
		Pacific Gas & Electric—											
46,716	264,147	Common	10	32¼	Sale	33⅜	Sale	32⅝	Sale	32⅜ May 27	33½ May 3	31⅞ Jan 2	34½ Jan 28
5,303	27,773	6% 1st preferred	25	32⅞	33¼	33	Sale	33¾	Sale	33 May 1	33¾ May 23	32⅝ Feb 8	24⅞ Jan 21
1,058	9,881	5½% 1st preferred	25	29	29⅜	29½	29⅞	31	Sale	30 May 16	31 May 28	29¼ Jan 10	31 May 28
850	1,952	5% 1st preferred	25	27	Sale	26¾	27¼	27½	28	27½ May 17	27½ May 17	27 Jan 2	28⅛ Mar 5
2,365	8,653	5% red 1st preferred	25	26¾	27¼	26½	26¾	27	Sale	26¾ May 20	27⅛ May 7	26⅝ Feb 18	27⅜ Feb 4
768	3,892	5% red pfd ser A	25	26¾	27¼	26⅝	26⅞	27¼	27⅝	27¼ May 7	27¼ May 7	26¾ Feb 18	27¼ Jan 17
168	825	4.80% red 1st pfd	25	26½	27⅛	26	26¾	26⅝	27	a-- ------	a-- ------	26¼ Feb 11	26⅜ Feb 25
681	1,536	4.50% redeemable pfd	25	24¾	25⅛	25¼	25⅝	25⅛	25⅜	25 May 14	25¼ May 10	24⅞ Feb 21	25½ Apr 1
325	1,738	4.36% red 1st pfd	25	23½	24½	24½	25	24½	25¼	24⅞ May 15	24⅞ May 15	24⅜ Feb 20	24⅞ Apr 4
1,583	7,821	Pacific Industries Inc	2	4⅛	Sale	3⅝	3⅞	3⅞	Sale	3½ May 22	3⅞ May 31	3½ May 22	4⅞ Feb 7
		Pacific Intermountain											
8,440	29,844	Express Co	2	--	--	19	Sale	--	--	18½ May 6	19⅛ May 1	16½ Mar 25	20 Apr 24
25,423	105,813	Pacific Lighting Corp com	*	60	Sale	54½	Sale	--	--	53⅞ May 1	57¼ May 21	53⅞ May 1	63⅛ Jan 18
10	43	$4.75 preferred	*	101½	102¾	101	102½	102	103¼	102 May 2	102 May 2	102 May 2	104½ Jan 28
25	66	$4.75 convertible pfd	*	155½	--	138½	--	142	--	142 May 8	142 May 8	142 May 8	144 Mar 27
231	629	$4.50 preferred	*	99	100½	99	100¾	100	101½	99⅜ May 10	100 May 10	99¼ Jan 10	100¾ Mar 14
----	100	$4.40 dividend pfd	*	--	--	97¾	99¼	97¾	99¼	-- ------	-- ------	100¾ Mar 6	100¾ Mar 6
5	174	$4.36 preferred	*	94¾	96½	96¾	98¼	97½	99	a-- ------	a-- ------	95 Jan 14	97½ Apr 18
1,140	2,950	Pacific Northern Airlines	1	2⅞	3⅛	3¼	Sale	3¾	4	3¼ May 1	3⅝ May 22	3⅛ Apr 16	3⅝ Feb 14
		Pacific Northwest Bell											
1,954	15,722	Telephone Co	11	23¼	23¾	--	--	24	Sale	24 May 21	25⅜ May 9	23¼ Jan 3	26½ Feb 19
68,700	68,700	Rights wi		--	--	--	--	1	Sale	3/32 May 28	1 3/32 May 31	3/32 May 28	1 3/32 May 31
9,765	81,906	Pac Oil & Gas Devel	33⅓c	4⅛	Sale	2.45	Sale	3⅛	Sale	2.40 May 1	3⅝ May 28	2.25 Apr 29	6 Mar 11
11,235	36,751	Pacific Petroleums Ltd	1	10⅞	11¼	13	Sale	13½	Sale	12⅞ May 1	14½ May 13	10⅝ Mar 1	14½ May 13
570	840	Warrants		5¾	6⅛	6⅞	7⅛	7⅜	7¾	6⅞ May 9	8¼ May 14	6¼ Jan 10	8¼ May 14
		Pacific Tel & Tel—											
10,711	54,931	Common	14 2/7	31¾	Sale	34¾	Sale	33⅛	Sale	33⅛ May 29	34⅞ May 2	31⅛ Mar 18	35 Apr 25
39	264	6% preferred	100	--	--	--	--	--	--	148¾ May 17	151 May 23	147¼ Apr 10	155½ Apr 24
5,936	42,676	Packard-Bell Electronics	50c	9½	Sale	12⅝	Sale	13¼	Sale	11⅜ May 7	14¼ May 22	9½ Jan 2	14¼ May 22
15,911	76,012	Pan Amer World Air (Un)	1	--	--	35⅜	Sale	39½	Sale	33⅞ May 7	39¾ May 24	21⅝ Jan 7	39¾ May 24
6,156	17,522	Paramount Pictures (Un)	1	--	--	--	--	--	--	37⅝ May 3	47 May 23	36 Jan 18	47 May 23
14,710	57,150	Parke Davis & Co	*	--	--	29½	Sale	28⅛	Sale	26¾ May 28	29¾ May 1	24⅝ Mar 6	29¾ May 1
774	11,704	Pendleton Tool Indus	1	--	--	28½	Sale	--	--	26¼ May 24	28½ May 1	26¼ May 24	32¾ Jan 23
825	825	New common wi		--	--	19¼	Sale	--	--	17⅞ May 23	19¼ May 1	17⅞ May 23	19¼ May 1
5,011	18,994	Penney (J C) Co (Un)	1	--	--	--	--	44¾	Sale	44⅛ May 24	48¼ May 2	44⅛ May 24	49⅞ Apr 25
8,509	37,994	Pennsylvania RR Co (Un)	10	--	--	--	--	18	Sale	15½ May 2	18 May 31	13¾ Feb 4	18 May 31
1,146	8,053	Pepsi Cola Co (Un)	33⅓c	46¼	Sale	--	--	--	--	47⅜ May 24	51¼ May 2	46¼ Jan 2	51¼ May 2
4,837	19,384	Permanente Cement Co com	1	--	--	--	--	--	--	14¾ May 13	15⅝ May 3	13⅝ Mar 25	16⅜ Apr 17
205	2,423	5% conv preferred	50	--	--	--	--	--	--	a-- ------	a-- ------	51⅜ Mar 15	54¾ Jan 14
3,793	3,793	Petrolane Gas Service	1	--	--	--	--	--	--	26¾ May 9	28¾ May 2	26¾ May 9	28¾ May 2
1,627	17,809	Pfizer (Chas) & Co (Un)	33⅓	--	--	--	--	--	--	50½ May 21	54 May 7	48¼ Mar 29	54⅜ Apr 24
2,786	27,852	Phelps Dodge (Un)	12½	--	--	60	Sale	59⅝	Sale	59⅝ May 31	60⅞ May 14	53⅛ Mar 7	60⅞ May 14
3,240	19,355	Philip Morris & Co (Un)	5	--	--	--	--	--	--	83½ May 15	86¼ May 8	73 Mar 5	90 Apr 23
7,096	40,310	Phillips Petroleum	5	--	--	54¼	Sale	53¼	Sale	52⅛ May 15	55⅜ May 22	47⅝ Jan 15	55⅜ May 22
6,368	7,217	Polaroid Corp	1	--	--	128½	Sale	156½	Sale	120⅝ May 6	156½ May 31	120⅝ May 6	156½ May 31
2,928	21,569	Procter & Gamble (Un)	*	--	--	--	--	--	--	76⅜ May 7	78 May 10	70½ Mar 11	79⅛ Apr 16
		Puget Sound Pulp and											
4,434	9,807	Timber Co	3	--	--	28⅝	28⅞	28¾	29⅛	28⅞ May 3	29¼ May 21	20¼ Jan 17	30 Apr 15
2,524	17,342	Pullman Inc (Un)	*	--	--	30⅛	Sale	30⅜	Sale	30⅛ May 1	31¼ May 15	23¾ Jan 3	31¼ May 15
6,082	46,051	Pure Oil Co (Un)	5	--	--	40¾	Sale	41½	Sale	38¾ May 8	41½ May 31	36½ Jan 11	41½ May 31
18,659	95,385	Radio Corp of Amer (Un)	*	--	--	64⅞	Sale	69⅞	Sale	64 May 7	70⅛ May 31	56⅝ Jan 3	70⅛ May 31
6,333	34,404	Rayonier Inc	1	21½	Sale	29⅝	Sale	--	--	27⅝ May 20	29⅞ May 2	21½ Jan 2	29⅞ May 2
3,761	28,702	Raytheon Co (Un)	5	28¼	Sale	22⅞	Sale	--	--	22¼ May 9	24½ May 17	21⅝ Apr 22	30½ Jan 8
1,790	11,189	Reeves Soundcraft Corp	5c	3¼	3⅝	3	3¾	2⅞	3¼	3⅛ May 20	3½ May 8	3⅛ Mar 1	3⅝ Jan 3
1,574	11,698	Republic Aviation Corp	50c	--	--	--	--	--	--	16⅞ May 29	17⅝ May 2	16¾ Jan 3	18⅜ Feb 27
2,095	26,211	Republic Corp (Un)	50c	--	--	--	--	--	--	9⅝ May 9	10 May 27	7½ Jan 7	10⅛ Apr 17
11,939	59,811	Repub Steel Corp (Un)	10	34¾	Sale	38¼	Sale	39⅛	Sale	37⅞ May 7	39⅜ May 31	34¾ Jan 2	41¼ Apr 16
54,993	281,813	Reserve Oil & Gas Co	1	8⅛	Sale	8⅜	Sale	9½	Sale	7⅞ May 2	9¾ May 27	7⅞ May 2	11⅜ Jan 25
7,112	30,550	Revlon Inc	1	--	--	44⅛	Sale	41¼	Sale	40⅝ May 29	44½ May 2	40⅝ May 29	48¼ Jan 23
3,287	20,426	Rexall Drug & Chem	2.50	33	Sale	35⅝	Sale	34	Sale	33¾ May 29	35⅝ May 1	29¼ Mar 8	36½ Jan 7
35,504	88,707	Reynolds Metals (Un)	*	23¾	Sale	--	--	34¼	Sale	29 May 2	35 May 14	23¾ Jan 2	35 May 14
17,895	115,336	Reynolds Tobacco (Un)	5	--	--	44⅞	Sale	42⅜	Sale	42¼ May 29	47 May 15	38¾ Feb 28	47 May 15
5,271	35,036	Rheem Manufacturing Co	1	--	--	14⅛	Sale	14	Sale	13⅝ May 23	14¼ May 17	10⅞ Jan 3	15⅛ Apr 15
7,659	35,755	Rhodes Western	25c	18⅝	Sale	21¾	Sale	21	Sale	20¾ May 29	22¼ May 22	17½ Jan 4	22¼ May 22
3,132	24,187	Rice Ranch Oil Co	1	2.85	Sale	2.35	2.50	2.20	2.40	2.15 May 24	2.30 May 9	2.15 May 24	2.85 Jan 2
5,233	39,893	Richfield Oil Corp	*	39⅜	Sale	45½	Sale	44½	Sale	43½ May 20	45½ May 1	39¼ Jan 3	47⅜ Apr 15
1,238	3,843	Rockwell Stand Corp (Un)	5	--	--	--	--	--	--	39 May 15	39⅝ May 22	34⅞ Jan 3	39⅝ May 22
5,831	24,822	Rohr Aircraft Corp	1	--	--	--	--	17¾	Sale	16½ May 3	17¾ May 31	16⅜ Apr 17	17⅞ Jan 14
15,192	128,764	Royal Dutch Pet (Un)	20g	43½	Sale	49⅝	Sale	48⅛	Sale	47¼ May 20	49¾ May 1	43½ Jan 2	49¾ May 1
4,319	51,721	Ryan Aeronautical Co	*	16⅝	17⅜	17¼	Sale	17⅝	18	16⅞ May 15	18 May 24	16⅝ Mar 21	19½ Jan 14
2,120	16,961	Ryder System, Inc	2.50	9¼	Sale	--	--	--	--	11½ May 7	11⅞ May 2	9¼ Jan 2	12⅜ Apr 3
8,270	37,359	Safeway Stores Inc	1.66⅔	--	--	57	Sale	56⅝	Sale	54⅛ May 28	57⅝ May 6	45½ Jan 30	57⅝ May 6
694	2,146	St Joseph Lead (Un)	10	--	--	29⅛	Sale	--	--	29⅛ May 1	30⅜ May 28	25½ Jan 17	30⅜ May 28
2,123	9,925	St Louis-San Fran Ry (Un)	*	--	--	--	--	23¼	Sale	22½ May 6	23½ May 15	19⅞ Jan 4	23½ May 15
5,688	28,718	St Regis Paper Co (Un)	5	26⅞	Sale	--	--	--	--	33 May 6	34 May 20	26⅞ Jan 2	34⅜ Apr 24
3,651	45,591	San Diego Gas & Electric	10	--	--	37¼	Sale	37¾	Sale	36⅝ May 22	37¾ May 1	35½ Jan 4	39½ Mar 28
830	2,038	5% preferred	20	--	--	--	--	--	--	21¾ May 21	22½ May 6	21¾ Mar 6	22⅝ Jan 13
----	60	4½% preferred	20	--	--	--	--	--	--	-- ------	-- ------	a-- ------	a-- ------
18,156	120,505	San Diego Imperial Corp	1	10	Sale	12¼	Sale	12	Sale	11¼ May 28	12¾ May 15	10 Jan 2	13¾ Apr 15
15,307	42,538	Schenley Indus (Un)	1.40	--	--	20¼	Sale	22	Sale	19⅞ May 6	23⅛ May 21	18¾ Jan 3	23⅛ May 21
3,359	10,998	Schering Corp (Un)	1	--	--	41¼	Sale	--	--	40 May 27	41¾ May 22	39 Mar 8	43¾ Jan 7
5,117	30,015	SCM Corporation	5	--	--	12⅜	Sale	12¼	Sale	11½ May 7	12⅞ May 10	11½ May 7	16½ Jan 24
3,397	19,851	Scott Paper	*	--	--	35⅜	Sale	--	--	33⅝ May 24	36¼ May 3	31¼ Mar 15	36¼ May 3
11,667	71,948	Seaboard Finance Co	1	17⅛	Sale	--	--	21¼	Sale	19⅝ May 20	21¼ May 31	17⅛ Jan 2	21¼ May 31
10,195	44,760	Sears Roebuck & Co	3	75¾	Sale	83⅝	Sale	89¼	Sale	83½ May 1	90¼ May 23	74⅛ Jan 17	90¼ May 23
1,588	13,263	Servel Inc (Un)	1	--	--	--	--	7¾	Sale	7¾ May 31	8¾ May 2	7¾ May 31	11¼ Jan 22
428	2,039	Servomechanisms Inc	20c	3¾	4¼	4⅜	5¼	--	--	4¼ May 21	5⅛ May 3	3⅝ Apr 17	5⅛ May 3
410	1,425	Sharon Steel Corp (Un)	*	--	--	--	--	--	--	21¾ May 2	21¾ May 2	21¾ May 2	22½ Jan 11
3,062	27,112	Shell Oil Co	1	--	--	41½	Sale	--	--	41 May 8	43¾ May 13	34⅝ Jan 16	43¾ May 13
		Shell Transport & Trading											
728	3,922	Co Ltd (Un)	£1	--	--	--	--	23¾	Sale	23¾ May 31	24⅝ May 10	23 Jan 3	24⅝ May 10
75,069	186,708	Signal Oil & Gas cl A	2	26½	Sale	25⅞	Sale	28⅝	Sale	25¾ May 1	31⅞ May 22	25 Apr 10	31⅞ May 22
250	270	Class B	2	--	--	--	--	--	--	31 May 21	31 May 21	31 May 21	31 May 21
10,993	68,564	Sinclair Oil Corp	5	35⅜	Sale	46⅛	Sale	44⅞	Sale	43⅜ May 8	46⅛ May 1	35⅜ Jan 2	46⅝ Apr 30
5,117	65,789	Socony Mobil Oil (Un)	15	58½	Sale	67½	Sale	--	--	65 May 13	69⅛ May 29	58¼ Jan 21	69⅛ May 29
3	790	Southeastn Pub Ser Co	10c	--	--	--	--	--	--	a-- ------	a-- ------	23½ Feb 6	24⅞ Mar 4
		So Calif Edison—											
61,820	205,124	Common	8⅓	31	Sale	31½	Sale	32¼	Sale	31⅜ May 1	32⅞ May 16	30¾ Feb 28	33 Jan 28
110	2,249	Original preferred	8⅓	--	--	--	--	--	--	a-- ------	a-- ------	29⅜ Jan 3	31⅜ Jan 8
145	2,864	4.78% preferred	25	26⅛	26¾	26	26⅝	26⅛	26⅝	26⅜ May 27	26⅜ May 27	26¼ Feb 20	26⅝ Feb 11
----	10	4.56% series	25	--	--	--	--	--	--	-- ------	-- ------	a-- ------	a-- ------
451	1,869	4.48% conv pfd	25	81½	Sale	--	--	--	--	a-- ------	a-- ------	81½ Jan 2	85 Jan 8
2,685	11,320	4.32% preferred	25	23¾	24¼	23⅞	24½	24⅝	Sale	22¼ May 22	24⅝ May 16	22¼ May 22	24⅝ May 16
196	1,233	4.24% preferred	25	23⅛	23¾	23¾	24½	23⅞	24½	23⅞ May 8	23⅞ May 8	23¾ Feb 18	24⅛ Apr 17
25	175	4.08% preferred	25	22¼	23¼	22⅝	23⅝	22¾	23¾	a-- ------	a-- ------	23¼ Apr 1	23¼ Apr 1
		Southern Calif Gas Co—											
5,806	21,595	6% series A preferred	25	32	Sale	32⅜	Sale	32½	33	32⅛ May 20	32⅞ May 31	31¾ Jan 7	34 Jan 24
274	2,891	6% preferred	25	31⅞	32¼	33	Sale	32½	33	33 May 1	33 May 1	32⅛ Jan 4	34¼ Jan 24
6,411	19,300	Southern Calif Petroleum	2	18¼	Sale	16¼	Sale	18½	Sale	16⅛ May 3	18⅞ May 22	16 Apr 11	18⅞ May 22
1,515	15,728	Southern Co (Un)	5	--	--	55⅞	Sale	--	--	54½ May 23	55⅞ May 1	53⅞ Feb 4	56⅛ Jan 14

(Un) Admitted to unlisted trading privileges. See page 50 for all other footnotes.

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Aggregate Sales in May Shares	Sales Since Jan. 1 Shares	Pacific Coast Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY — May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 — Lowest Sale Prices	Highest Sale Prices
629	3,115	Southern Natural Gas	7.50	—	—	—	—	—	—	51⅛ May 9	51⅛ May 9	43⅞ Jan 4	52 Apr 19
48,809	171,715	Southern Pacific Co	*	29½	Sale	33⅝	Sale	35⅞	Sale	33⅜ May 6	36⅝ May 31	28½ Feb 5	36⅝ May 31
2,017	23,888	Southern Ry Co (Un)	*	—	—	—	—	64¼	Sale	62⅜ May 28	64¼ May 31	55½ Mar 13	64¼ Apr 25
1,508	4,502	Southwestern Public Serv	1	—	—	—	—	—	—	35¾ May 13	36⅛ May 13	34⅝ Mar 13	36⅛ Jan 28
36,765	170,788	Sperry-Rand Corp (Un)	50c	13⅜	Sale	13⅜	Sale	13⅜	Sale	13⅛ May 1	14¼ May 7	12⅞ Mar 29	15 Feb 15
2,740	18,190	Warrants (Un)		—	—	—	—	—	—	7 May 22	7½ May 3	6¾ Mar 26	8⅝ Jan 17
6,493	25,214	Spiegel Inc	*	25⅜	Sale	—	—	30⅝	Sale	29¼ May 8	32¼ May 16	25⅜ Jan 2	32¼ May 16
700	2,802	Standard Brands (Un)	*	—	—	69⅞	Sale	69⅞	Sale	69⅞ May 1	72¼ May 9	66 Jan 4	72¼ May 9
513	1,817	SFC Financial	1	—	—	—	—	—	—	14⅞ May 22	15⅞ May 29	14 Jan 17	15⅞ May 29
1,265	11,926	Standard Metals Corp	3c	4	4¼	4¼	4½	3⅞	4⅛	4 May 13	4¼ May 2	4 Jan 8	4¾ Jan 28
47,061	206,212	Standard Oil of Calif	6¼	62⅜	Sale	67¼	Sale	63¾	Sale	63⅛ May 20	68 May 6	61½ Feb 28	69¼ Apr 24
71	359	$3.30 conv pfd	*	—	—	—	—	—	—	a— —	a— —	a— —	a— —
15,433	52,906	Standard Oil Co (Ind)	25	47	Sale	59⅞	Sale	57¼	Sale	57¼ May 27	59⅞ May 1	47 Jan 2	60⅛ Apr 19
32,006	150,993	Stand Oil Co (N J) (Un)	7	58½	Sale	67⅞	Sale	67¾	Sale	64½ May 20	68 May 3	58½ Jan 2	68 Apr 15
1,541	6,780	Stand Oil Co (Ohio) (Un)	10	—	—	—	—	—	—	60½ May 23	63½ May 29	54¼ Jan 18	65¾ Apr 18
10,718	32,966	Stanley Warner Corp (Un)	5	21½	Sale	22¾	Sale	24⅛	Sale	22⅛ May 10	24⅝ May 24	20½ Mar 29	24⅝ May 24
278	1,276	Statham Instruments Inc	1	—	—	—	—	9½	10¼	9⅝ May 16	9⅝ May 16	8⅞ Apr 9	9⅝ May 16
7,924	36,206	Stauffer Chemical	5	—	—	36	Sale	35	Sale	34 May 6	36 May 1	32¾ Mar 19	38½ Jan 15
1,875	7,290	Sterling Drug Inc (Un)	5	—	—	—	—	—	—	79½ May 28	83¼ May 22	75 Mar 25	83½ Apr 22
705	705	New com wi (Un)	2.50	—	—	—	—	27⅛	Sale	27 May 29	28⅜ May 16	27 May 29	28⅜ May 16
2,048	6,486	Stone & Webster Inc (Un)	1	—	—	—	—	—	—	51¾ May 21	53⅜ May 28	51¾ May 21	54⅝ Apr 4
29,598	130,348	Studebaker Corp (Un)	1	6¼	Sale	6⅛	Sale	6⅛	Sale	5⅞ May 17	6⅜ May 1	5⅞ May 17	8 Feb 14
2,968	17,996	Suburban Gas (Cal)	1	18¼	Sale	20¾	Sale	19	Sale	18¾ May 29	21¼ May 7	17⅝ Mar 6	21½ Apr 18
1,792	6,270	Suburban Propane Gas	1	25⅛	Sale	—	—	—	—	29½ May 2	31⅛ May 10	25⅛ Jan 2	31⅛ May 10
34,706	206,562	Sunray D-X Oil	1	25½	Sale	32¾	Sale	33⅜	Sale	32 May 7	34½ May 16	25½ Jan 2	34⅞ Apr 18
36,908	76,309	Sunset Interna'l Petroleum	1	6½	Sale	6⅜	Sale	6⅜	Sale	6¼ May 2	7⅛ May 9	6 Apr 5	7⅛ Jan 18
130	356	Superior Oil Co (Nev)	25	—	—	—	—	—	—	a— —	a— —	1345 Apr 26	1345 Apr 26
1,127	8,609	Swift & Co (Un)	25	40½	Sale	—	—	—	—	42½ May 9	43½ May 24	40½ Jan 2	44⅜ Apr 10
845	3,056	TelAutograph Corp	1	5⅞	Sale	—	—	—	—	5⅞ May 29	6½ May 10	5⅝ Mar 26	7½ Jan 25
33,232	268,226	Tenn Gas Transmission	5	18	Sale	21¼	Sale	20⅝	Sale	20½ May 21	21⅜ May 1	17⅞ Jan 2	21⅜ Apr 29
16,495	114,477	Terex Corporation com	10c	1.85	Sale	1.90	1.95	2.05	Sale	1.85 May 7	2.05 May 31	1.70 Jan 2	2.80 Jan 2
7,040	46,839	Texaco Inc (Un)	12½	60¾	Sale	69⅝	Sale	66⅜	Sale	65 May 24	69¾ May 1	59⅝ Feb 11	69⅞ Apr 15
13,980	67,871	Texas Eastern Trans	3.50	16½	Sale	18½	Sale	18⅛	Sale	18⅛ May 15	18⅝ May 2	16½ Jan 2	18¾ Apr 24
1,161	4,162	Texas Gas Transmission	5	—	—	—	—	—	—	46 May 6	46 May 6	42½ Jan 4	46 May 6
9,310	53,568	Texas Gulf Sulphur (Un)	*	—	—	15¾	Sale	15⅝	Sale	15¼ May 8	16⅛ May 15	13¾ Mar 26	16⅝ Apr 24
300	300	Tex Instrmts Inc com (Un)	1	—	—	—	—	—	—	78½ May 29	79¾ May 29	78½ May 29	79¾ May 29
4,890	31,141	Textron Inc common	50c	29⅞	Sale	—	—	36½	Sale	34 May 8	37⅛ May 21	29⅝ Mar 20	37⅛ May 21
1,765	8,425	Warrants		13¼	14	14¼	14¾	14¾	Sale	14 May 27	15⅜ May 20	12 Feb 27	15⅜ Jan 29
95	425	$1.25 conv preferred	*	—	—	—	—	—	—	a— —	a— —	33¾ Jan 11	33¾ Jan 11
4,299	29,756	Thiokol Chemical (Un)	1	27¾	Sale	26	Sale	24¾	Sale	24¾ May 29	26¼ May 15	24¼ Mar 20	29¼ Jan 4
804	8,890	Thompson Ramo Wooldridge	5	—	—	—	—	—	—	57¼ May 27	57½ May 27	53¼ Feb 28	58¼ Jan 21
1,005	10,149	Thriftimart Inc	1	22	22½	—	—	—	—	22 May 17	22½ May 3	21½ Mar 5	24¾ Jan 14
8,191	42,296	Tidewater Oil Co com	10	22	Sale	—	—	24	Sale	23¾ May 2	24½ May 2	19¾ Mar 4	24½ May 2
3,719	5,550	$1.20 preferred	25	—	—	—	—	—	—	25¼ May 7	25⅜ May 27	25 Jan 8	25⅜ Mar 26
----	330	Tishman Realty & Const'n	1	—	—	—	—	—	—	— —	— —	18 Jan 30	18 Jan 30
3,411	12,585	Trans World Airlines Inc	5	—	—	15¼	Sale	18	Sale	15⅛ May 1	18 May 23	10½ Jan 30	18 May 23
2,229	3,669	Warrants		—	—	6	Sale	—	—	6 May 1	8½ May 24	4⅛ Feb 1	8½ May 24
4,526	27,025	Trans World Financial	1	—	—	18⅝	Sale	17¾	Sale	17 May 24	19⅛ May 2	16½ Mar 1	22½ Apr 15
16,422	62,978	Transamerica Corp com	2	45	Sale	53¼	Sale	53	Sale	50⅞ May 20	53⅞ May 1	44½ Jan 3	53⅞ May 1
435	2,212	4½% conv preferred	100	—	—	—	—	—	—	a— —	a— —	150 Apr 26	150 Apr 26
13,927	49,272	Trico Oil & Gas	50c	2.40	Sale	2.40	Sale	2.75	Sale	2.30 May 3	3 May 16	2.30 May 3	3.00 May 16
1,475	10,676	Tri-Continental Corp (Un)	1	43	Sale	46⅝	Sale	—	—	46½ May 2	47⅜ May 13	42¾ Mar 1	47½ Apr 5
661	4,323	Warrants (Un)		—	—	—	—	—	—	38½ May 13	39⅛ May 3	32⅞ Mar 5	39⅛ May 3
6,550	18,456	Twentieth Century-Fox Film Corp (Un)	1	—	—	—	—	35⅛	Sale	30⅜ May 2	35¼ May 21	21½ Jan 4	35¼ May 21
861	6,071	Unilever NV "N Y shares"	*	38	Sale	—	—	—	—	45½ May 9	47⅞ May 29	38 Jan 2	47⅞ May 29
1,755	8,118	Unilever Ltd "Adrs"	*	—	—	24	Sale	—	—	24 May 1	25⅛ May 10	21⅞ Jan 21	25⅛ May 10
2,660	21,917	Union Carbide Corp	*	—	—	—	—	—	—	110¼ May 9	112¼ May 16	102½ Feb 28	112¼ May 16
353	4,479	Union Elec of Mo (Un)	10	—	—	—	—	—	—	a— —	a— —	48½ Jan 8	55⅝ Feb 18
2,300	2,300	New common	5	—	—	—	—	—	—	27⅝ May 27	28½ May 13	27⅝ May 27	28½ May 13
18,891	62,913	Union Oil Co of Calif	25	63⅛	Sale	67	Sale	70⅞	Sale	67 May 1	71 May 22	60 Jan 24	71 May 22
9,775	44,574	Union Pac Ry Co (Un)	10	33½	Sale	39½	Sale	41⅞	Sale	39 May 3	41⅞ May 31	33½ Jan 2	41⅞ May 31
7,713	36,003	Union Sugar Co	5	23	Sale	31¾	Sale	29½	Sale	29½ May 31	33½ May 3	23 Jan 2	33½ May 3
10,907	52,374	United Air Lines Inc	10	—	—	40⅜	Sale	41	Sale	38⅜ May 14	42½ May 24	32⅛ Jan 4	42½ May 24
3,287	20,752	United Aircraft Corp (Un)	5	—	—	49¾	Sale	46⅞	Sale	46⅞ May 31	50⅜ May 9	46⅞ May 31	53⅜ Jan 15
772	4,936	United Canso Oil & Gas	1	1	1¼	1⅛	1⅛	—	—	1⅛ May 13	1¼ May 13	1⅛ May 13	1⅛ Feb 19
1,161	2,613	United Corp (Del) (Un)	1	—	—	—	—	—	—	8 May 8	8¼ May 14	8 May 8	8⅝ Feb 15
4,773	47,968	United Financial Corp of California	*	—	—	—	—	23⅞	Sale	22¾ May 24	25½ May 2	20⅝ Mar 19	27¾ Apr 15
5,412	19,633	United Fruit Co (Un)	*	—	—	—	—	—	—	26¼ May 9	30 May 22	22¾ Jan 4	36 May 22
3,496	16,073	United Gas Corp (Un)	10	36½	Sale	39¼	Sale	—	—	38⅛ May 27	39⅝ May 3	35⅝ Mar 18	39⅝ May 3
37,842	171,088	United Industrial Corp com	1	5⅜	Sale	6⅜	Sale	7	Sale	6¼ May 1	7¼ May 31	5 Mar 19	7¼ May 31
11,375	46,449	Series A conv pfd	8.50	5⅞	6	6¾	Sale	6⅞	Sale	6⅝ May 2	7⅛ May 8	5¾ Jan 11	7¼ Feb 20
16,437	61,857	Warrants		.85	Sale	82c	Sale	85c	Sale	80c May 1	95c May 8	74c Mar 26	98c Feb 20
534	2,925	United Park City Mines Co (Un)	1	—	—	—	—	—	—	1¼ May 24	1¼ May 24	1¼ Mar 27	1⅜ Mar 22
1,083	9,681	U S Industries Inc com	1	—	—	—	—	—	—	10¼ May 8	10⅝ May 15	10¼ Apr 24	15¾ Jan 29
1,358	3,063	U. S. Natural Gas Corp	1	—	—	7⅛	7⅜	—	—	7⅜ May 14	9⅝ May 27	6½ Jan 29	9⅝ May 27
3,721	28,277	U S Plywood Corp	1	—	—	—	—	58	Sale	56⅞ May 6	58¼ May 14	44¼ Jan 8	58¼ May 14
3,151	14,999	U S Rubber Co (Un)	5	40½	Sale	—	—	—	—	47½ May 14	49¼ May 17	40½ Jan 2	49¼ May 17
11,568	68,458	U S Smelting & Refining & Mining Co (Un)	50	51	Sale	—	—	69	Sale	62 May 10	71 May 22	50½ Jan 2	87⅝ Feb 19
45,720	239,766	U S Steel Corp	16⅔	43⅞	Sale	49	Sale	52	Sale	48¼ May 7	52 May 31	43⅞ Jan 2	54 Apr 16
15,011	48,611	Universal Match	2.50	—	—	14½	Sale	16½	Sale	14½ May 1	17⅜ May 22	13⅜ Apr 4	17⅜ May 22
1,545	16,620	Universal Oil Prods (Un)	1	—	—	—	—	—	—	33⅜ May 28	35¾ May 9	28⅞ Mar 2	42⅜ Jan 8
612	4,934	Upjohn Company (Un)	1	—	—	—	—	—	—	40 May 7	40 May 7	34¾ Jan 22	41⅛ Apr 15
16,854	18,313	Utah-Idaho Sugar Co (Un)	5	9⅛	9⅝	11½	11¾	13¾	Sale	11½ May 9	19⅞ May 21	10⅛ Jan 22	19⅞ May 21
145	1,691	Vanadium Corp of Am (Un)	1	—	—	—	—	—	—	12⅞ May 6	12⅞ May 6	12⅞ May 6	14⅝ Jan 8
12,420	52,842	Varian Associates	1	33	Sale	27¼	Sale	23⅞	Sale	21¼ May 24	27⅜ May 2	21¼ May 24	37 Jan 14
2,400	10,215	Victor Comptometer Corp	1	—	—	—	—	9¼	Sale	9¼ May 31	9⅞ May 2	9¼ Jan 4	11½ Feb 11
1,759	8,231	Victor Equipment Co	1	25⅝	26⅛	26½	27	26¼	Sale	26⅛ May 16	26¾ May 29	26⅛ May 16	29½ Feb 27
50	735	Virginia-Carolina Chemical	*	—	—	—	—	—	—	a— —	a— —	41½ Jan 4	46 Mar 15
----	260	5% prior preferred	50	—	—	—	—	—	—	— —	— —	42¾ Jan 16	42¾ Jan 16
4,144	39,151	Vons Grocery Co	1	—	—	—	—	—	—	26⅜ May 9	28 May 14	21½ Jan 16	28 May 14
1,437	8,184	Warner Bros Pict (Un)	1.25	14¼	Sale	—	—	15⅛	Sale	14 May 21	15¼ May 27	13 Mar 20	15⅝ Feb 4
1,435	7,317	Washington Water Power	*	47½	48	48¾	Sale	48⅝	49⅛	48½ May 23	49 May 6	48 Apr 22	50½ Jan 41
3,467	23,514	Wesco Financial Corp	1	—	—	47	Sale	46½	Sale	46 May 2	47 May 1	39¼ Feb 28	52¼ Apr 15
96,876	514,128	Westates Petrol common	1	4½	Sale	3¼	Sale	4⅛	Sale	3 May 17	4⅛ May 29	3 May 17	5⅝ Jan 25
1,323	7,903	5% preferred	10	6⅝	7	6½	6⅞	6¼	6¾	6⅛ May 21	6½ May 9	5¾ Mar 14	7 Jan 14
10,135	41,608	Western Air Lines	1	—	—	46½	Sale	—	—	43½ May 6	52½ May 29	28¼ Jan 17	52½ May 29
10,938	92,957	Western Bancorporation	2	32¼	Sale	38¼	Sale	—	—	37⅞ May 6	39¾ May 14	31⅝ Jan 17	40 Apr 15
1,076	4,939	Western Pacific RR Co	1	—	—	—	—	—	—	34½ May 7	38½ May 22	31 Jan 10	38½ May 22
5,116	22,057	Western Union Tel (Un)	2½	—	—	30⅝	Sale	—	—	29⅝ May 8	31½ May 20	27⅞ Jan 7	32⅝ Apr 10
5,074	16,470	Westinghouse Air Brake Company (Un)	10	—	—	31¼	Sale	—	—	30½ May 7	32 May 16	26¼ Jan 7	32 May 16
19,331	107,757	Westinghouse Electric	6.25	32⅛	Sale	35⅞	Sale	36⅜	Sale	35 May 6	37⅛ May 13	32 Jan 2	37⅜ Apr 24
569	4,950	Wheeling Steel Corp (Un)	10	—	—	—	—	—	—	31¼ May 7	32⅝ May 13	29¼ Jan 16	34¾ Apr 15
131,530	247,015	Williston Basin Oil Exploration (Un)	10c	.90	Sale	55c	Sale	72c	Sale	50c May 3	89c May 22	50c May 3	95c Jan 18
107	348	Wilson & Co Inc (Un)	*	—	—	—	—	—	—	a— —	a— —	a— —	a— —
1,916	19,279	Woolworth (F W) (Un)	10	—	—	—	—	74⅞	Sale	73½ May 9	75 May 20	63 Feb 13	75⅜ Apr 15
817	4,634	Worthington Corp	10	—	—	—	—	—	—	33¼ May 8	34¼ May 27	27¾ Jan 4	34¼ May 27
3,322	15,234	Youngstown Sheet & Tube Company (Un)	*	—	—	—	—	—	—	100 May 14	103 May 24	87½ Jan 18	103 May 24
10,560	36,545	Zenith Radio (Un)	1	55	Sale	57⅞	Sale	59½	Sale	55 May 27	59⅝ May 31	51⅛ Mar 19	59⅝ May 31

*No par value. ‡This issue was either split or a stock dividend was paid during year 1963. The volume and the range shown here is simply the trading and the range for the new shares. ¶This issue, the primary market of which is on the New York Stock Exchange or the American Stock Exchange, was either split or exchanged during the year 1963, the details of the basis of exchange can be found in the footnote on page 29 or 96 of this record. a Odd-lot sale. r Cash sale. (Un) Admitted to unlisted privileges. x Ex-dividend. y Ex-stock dividend. z Ex-liquidating distribution.

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Boston Stock Exchange

Monthly and Yearly Record

RANGE OF PRICES ON THE BOSTON STOCK EXCHANGE

Stock Sales—	1963	1962	Stock Sales—	1963	1962
May (Shares)	462,431	589,039	Jan. 1 to May 31 (Shares)	2,354,254	3,388,736

Aggregate Sales in May Shares	Since Jan. 1 Shares	Boston Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
		LISTED ISSUES											
1,769	6,595	American Agric Chemical	*	23⅜	23⅞	41⅛	41⅝	46¼	Sale	40¾ May 3	46¼ May 31	22⅝ Jan 16	46¼ May 31
4,355	30,877	American Motors	1.66⅔	15⅞	Sale	20	Sale	19⅝	Sale	18⅜ May 23	20⅝ May 1	15⅞ Jan 2	23 Feb 14
18,487	97,509	American Tel & Tel	33⅓	117⅛	Sale	124⅝	Sale	123¼	Sale	121⅝ May 29	126¼ May 1	114½ Jan 2	126¼ May 1
1,616	6,342	Anaconda Co	50	40½	Sale	47⅜	Sale	52½	Sale	47⅜ May 1	52⅝ May 27	40½ Jan 2	52⅝ May 27
3,837	14,869	Boston Edison Co	10	35⅞	36⅛	39⅜	Sale	42¼	Sale	39¼ May 2	42¾ May 22	36⅛ Jan 3	42¾ May 22
5	507	Boston Garden Arena Corp	1	--	--	4¾	5¼	4¾	5¼	5¼ May 7	5¼ May 7	5 Apr 11	5¼ May 7
941	2,585	Boston Personal Prop Tr	*	57¼	Sale	66	70	66¾	Sale	66¾ May 31	68½ May 10	56¾ Jan 2	70¼ Apr 8
22	807	Boston & Providence RR	100	--	40	30	35	30	35	29⅞ May 20	30 May 17	29⅞ May 30	44 Mar 5
169	923	Calumet & Hecla	5	11½	12	11⅛	11⅝	12⅛	Sale	11¼ May 7	12⅜ May 20	11¼ May 7	13 Jan 21
792	5,594	Cities Service Co	10	55⅜	55⅞	67¼	67¾	67⅝	Sale	65¼ May 16	67⅞ May 3	55¾ Jan 3	67⅞ Apr 26
1,220	2,567	Copper Range Co	5	16⅜	Sale	21¾	22¼	24⅛	Sale	22⅛ May 3	24¾ May 13	16⅜ Jan 2	24¾ May 13
261	5,837	Eastern Gas & Fuel Assoc— Common	10	46¾	47¼	58¼	58¾	62½	63	56⅞ May 7	60½ May 29	48¼ Jan 7	60½ May 29
		Eastern Massachusetts Street Ry—											
300	920	Common	100	⅞	1⅛	¾	1	⅝	1	75c May 7	75c May 7	⅝ Apr 23	1 Jan 16
84	1,060	6% 1st pfd series A	100	35½	40	28½	35	28½	Sale	25½ May 3	28⅝ May 29	28½ Apr 25	37 Jan 23
149	538	6% preferred B	100	16	22	15	Sale	15⅛	16	15 May 1	15 May 1	15 Mar 29	20 Jan 8
435	955	5% pfd adjustment	100	10¼	12	8	9	7½	8½	7⅝ May 29	8½ May 9	7⅝ May 29	11½ Feb 5
1,499	7,988	First National Stores	*	50¾	Sale	57¾	Sale	55¼	Sale	55 May 23	58¼ May 2	50¾ Jan 2	58¼ Feb 21
5,647	43,984	Ford Motor Co	2.50	45¾	Sale	49	Sale	51⅝	Sale	48 May 27	51⅝ May 31	41⅞ Feb 28	51⅝ Apr 8
8,460	34,086	General Electric Co	5	76⅛	Sale	79½	Sale	84½	Sale	79 May 1	84½ May 31	71½ Mar 6	84½ May 31
9,707	63,230	Gillette Company	1	30⅞	Sale	33⅝	Sale	33¼	Sale	31⅜ May 22	35⅜ May 13	28 Jan 11	36⅞ Apr 9
1,433	5,330	Island Creek Coal Co	50c	19¾	20¼	23⅝	Sale	24⅜	Sale	23⅝ May 1	25 May 21	20¼ Jan 3	26⅛ Mar 20
1,507	8,915	Kennecott Copper	*	66⅝	67⅛	79	Sale	76⅛	76⅝	74¼ May 8	79 May 1	67⅞ Jan 3	79 May 1
57	156	Loew's Boston Theatre	25	14⅞	--	14½	--	14½	--	14½ May 16	15 May 27	14⅜ Mar 5	15¼ Jan 30
2,878	15,314	Lone Star Cement Corp	10	18⅜	Sale	21¾	Sale	22⅝	22⅞	21 May 7	23⅛ May 27	18⅜ Jan 2	23⅛ May 27
----	44	Maine Cent RR 5% pfd	100	94	--	90	105	90	105	-- ------	-- ------	96 Jan 11	107 Feb 8
1,085	9,015	Narragansett Rac'g Assn	1	9	9¾	14	Sale	13⅛	13½	12½ May 15	13¾ May 2	9½ Jan 3	14¼ Apr 25
7,409	35,080	New England Elec System	1	24⅞	Sale	27¾	Sale	27½	Sale	26⅞ May 22	28½ May 2	24⅝ Jan 2	28½ Apr 29
3,006	13,655	New England Tel & Tel	20	43½	Sale	46⅞	Sale	48	48⅜	46⅞ May 1	48⅝ May 21	43½ Jan 2	49 Feb 11
----	120	New York New Haven & Hartford RR	*	1⅛	1⅜	--	--	--	--	-- ------	-- ------	1⅜ Jan 24	1¾ Mar 25
317	676	Northern RR (N H)	100	66	69	73	Sale	78	80	70½ May 3	79 May 21	68 Feb 7	79 May 21
1,246	4,209	Olin-Mathieson Chemical	6	31⅝	Sale	39¼	Sale	39¾	Sale	38 May 27	41 May 16	31⅝ Jan 2	41 May 16
877	5,499	Pennsylvania RR	50	13⅜	13⅞	15½	Sale	17⅝	17⅞	15 May 6	17⅝ May 29	13¾ Feb 1	17⅝ May 29
80	202	Quincy Mining Co	25	24	26	27	28½	28	32	27 May 16	28½ May 14	26½ Mar 13	28½ Apr 22
----	132	Reece Folding Machine	2	2¼	3	2⅝	3	2¾	3	-- ------	-- ------	2½ Mar 26	2⅞ Mar 22
186	3,008	Rexall Drug & Chemical Company	2.50	33	33½	34⅜	34⅞	34⅛	Sale	33⅝ May 29	34⅝ May 22	29⅛ Mar 8	37⅛ Jan 7
1,058	4,127	Shawmut Association	*	34¾	Sale	37¾	Sale	39¼	40	37¾ May 1	40 May 23	37½ Feb 4	42 Feb 15
1,660	12,538	Stop & Shop	1	19¾	Sale	24	24½	22⅛	Sale	20⅞ May 17	24 May 7	19⅝ Jan 2	27 Apr 5
350	1,348	Torrington Co (The)	*	57	57¾	67	67½	67	67½	67½ May 6	69¼ May 13	58½ Jan 3	69¼ May 13
7,423	25,875	United Fruit Co	*	22	Sale	26	Sale	29½	Sale	26 May 9	30⅛ May 22	21⅞ Jan 2	30⅛ May 22
2,673	11,534	United Shoe Machinery	25	48¼	Sale	52⅝	Sale	50⅞	Sale	50 May 21	53⅛ May 1	47⅜ Jan 3	55¼ Feb 25
2,030	20,326	U S Smelt Ref'g & Mfg Co	50	49½	Sale	61	Sale	68¼	68¾	62½ May 22	70⅞ May 22	49½ Jan 2	88½ Feb 20
208	661	Vermont & Mass Ry Co	100	71	73	76	--	79	--	76 May 20	80 May 7	72 Jan 10	80 Apr 30
652	1,579	Waldorf System Inc	*	6½	7	8	Sale	8⅞	9⅛	7⅞ May 9	8⅝ May 23	6¾ Feb 21	8⅝ May 23
2,082	13,164	Westinghouse Electric	6.25	32¼	Sale	35⅝	Sale	36⅝	Sale	35 May 7	37⅛ May 13	31¾ Jan 3	37¼ Apr 24
----	----	Wichita River Oil Corp— Common	1			1½	2	1½	2	-- ------	-- ------	-- ------	-- ------

x Ex-dividend. y Ex-rights.

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Pittsburgh Stock Exchange

Monthly and Yearly Record

RANGE OF PRICES ON THE PITTSBURGH STOCK EXCHANGE

Stock Sales—	1963	1962	Stock Sales—	1963	1962
May (Shares)	70,374	86,930	Jan. 1 to May 31 (Shares)	328,479	350,546

Aggregate Sales in May Shares	Since Jan. 1 Shares	Pittsburgh Stock Exchange STOCKS LISTED ISSUES	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN MAY — May 1 Opening or Bid	Ask	May 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
487	2,744	Allegheny Ludlum Steel	1	33⅝	Sale	--	--	--	--	34⅝ May 7	38½ May 23	33⅛ Mar 11	38½ May 23
38	393	Apollo Industries Inc	5	7½	8½	8	9	9¼	10¼	8⅜ May 3	8½ May 9	7¼ Mar 15	9⅝ Jan 7
339	2,537	Armstrong Cork Co	1	66¾	Sale	--	--	80¼	Sale	78 May 23	83¼ May 10	66¼ Jan 7	83¼ May 10
522	1,955	Blaw-Knox Co	10	--	--	--	--	31⅛	Sale	30⅛ May 8	32 May 13	27⅛ Mar 7	33⅞ Apr 16
697	3,409	Columbia Gas System	10	--	--	29¾	Sale	29½	Sale	29 May 7	29⅞ May 21	27 Jan 4	29⅞ May 21
----	----	Continental Com'cial Corp	1	5¼	5⅝	5⅛	5⅜	5⅛	5¼	-- ------	-- ------	-- ------	-- ------
3,326	18,643	Duquesne Brewing of Pgh	5	8	Sale	9	Sale	8⅝	9	8⅝ May 28	9⅛ May 10	8 Jan 2	9¾ Jan 21
748	5,097	Duquesne Light Co	5	31⅛	Sale	32⅞	Sale	--	--	32⅜ May 28	34 May 16	31 Jan 2	34 May 16
605	2,697	Equitable Gas Co	8.50	38⅛	Sale	42½	Sale	42¼	Sale	42¼ May 31	45⅛ May 15	38⅛ Jan 2	45⅛ May 15
454	4,337	Harbison Walker Refrac	7½	--	--	36	Sale	--	--	35⅛ May 28	37½ May 13	31⅞ Jan 7	37½ May 13
2,292	13,240	Horne (Joseph) Co	*	24	Sale	26½	Sale	26	Sale	25¼ May 20	26½ May 1	23½ Mar 19	27 Jan 11
----	60	Jeannette Glass 7% pfd	100	92¾	--	90½	95	90½	95	-- ------	-- ------	90½ Apr 17	91 Mar 18
4,600	9,997	McKinney Mfg Co	1	--	--	60c	Sale	70c	--	60c May 1	75c May 17	50c Feb 1	75c May 17
75	601	Mountain Fuel Supply	10	60c	65c	--	--	--	--	39¾ May 13	40¾ May 27	35 Mar 28	40¾ May 27
178	472	Natco Corporation	5	--	--	8½	9½	8¾	9¾	8⅜ May 9	8⅜ May 9	8⅜ May 9	9⅝ Jan 9
----	350	Penn Federal Corp	*	50c	--	--	1	--	1	-- ------	-- ------	75c Apr 8	75c Apr 8
10,049	33,161	Pittsburgh Brewing com	1	4½	4¾	5	Sale	4¾	4⅞	4¾ May 1	5 May 1	4½ Jan 9	5 Jan 18
----	----	$2.50 conv preferred	25	35½	--	35	--	35	--	-- ------	-- ------	-- ------	-- ------
43	573	Pittsburgh Forgings Co	1	--	--	--	--	--	--	21¾ May 22	22⅛ May 23	15¼ Jan 10	22⅛ May 23
2,903	10,461	Pittsburgh Plate Glass	10	51¾	Sale	54½	Sale	55	Sale	54½ May 1	56¾ May 16	51¾ Jan 2	57¾ Mar 26
725	3,891	Rockwell-Standard Corp	5	--	--	--	--	--	--	38⅞ May 8	40 May 20	34¼ Jan 2	40 May 20
16	1,222	Screw & Bolt Corp of Amer	1	4½	Sale	--	--	--	--	4¾ May 13	4¾ May 13	4½ Jan 2	5¼ Mar 13
1,040	3,261	United Engineering & Fdy	5	18¼	Sale	19⅞	Sale	19⅛	Sale	19⅛ May 17	19⅞ May 1	18¼ Jan 2	20 Apr 30
75	362	Vanadium Alloys Steel Co	5	--	--	--	--	--	--	34⅞ May 22	35¾ May 3	29½ Jan 4	36⅜ Apr 15
826	5,045	Westinghouse Air Brake	10	25¼	Sale	30⅞	Sale	30⅞	Sale	30⅜ May 7	31⅞ May 16	25¼ Jan 2	31⅞ May 16
4,357	20,228	Westinghouse El Corp	6.25	32	Sale	35¾	Sale	36⅜	Sale	34⅞ May 8	37¼ May 13	31¾ Jan 3	37½ Apr 24

* No par. a Deferred delivery sale. r Cash sale. x Ex-dividend. y Ex-rights.

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General Quotations

OF BONDS AND STOCKS

We are publishing under this heading of General Quoations the month-end values for only the Over-the-Counter stock and bond issues.

The values for the Listed issues (either the last sale or the closing bid and asked quotation) can be found in the earlier part of this publication, under the particular exchange the issue is traded.

The following is an index to the different classifications of securities quoted:

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The letter "f" prefixed to bond prices denotes that the quotation is a flat price—that is, that the accrued interest forms part of the price, and therefore the purchaser does not have to provide for it separately in making payment. In the case of income bonds and bonds in default, the price is always "flat," and no designating mark is employed to indicate the fact.

Quotations for guaranteed stocks are "and dividend"; that is, the accrued dividend must be paid in addition to the price.

It should be borne in mind in the use of these tables that the quotations for many inactive Over-the-Counter securities are merely nominal, but in all cases the figures are obtained from sources which are considered reliable.

The following abbreviations are often used, viz: "M" for mortgage, "gtd" for guaranteed, "end" for endorsed, "cons" for consolidated, "conv" for convertible, "sf for sinking fund, "lg" for land grant, "opt" for optional.

The italic type in the letters showing the interest period indicates the *month* when the bonds mature.

QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

NOTICE—All bond prices are "and interest" except where marked "f" and income and defaulted bonds

Bonds—	Bid	Ask	Net
OVER-THE-COUNTER RAILROAD BONDS			
Akron Canton & Youngstown—			
Cons mtge 4s ser A 1988 A-O	71	74	
Cons mtge 4½s ser B 1988 A-O	82½	88	
Akron Union Passenger Depot—			
1st mtge 4½s ser A 1974 J-J	83	--	
Alabama & Vicksburg Ry—			
1st mtge 5s series A 1974 M-N	99½	--	
Albany & Susquehanna RR—			
1st mtge ext 2¾s 1971 A-O	82	88	
Atlanta Knoxville & Northern—			
1st con 4s Mar 1 2002 M-S	82	86	
Atlantic Coast Line RR—			
Irreg ctfs of indebtedness 5s J-D	100	--	
Gen mtge 4.95s ser E 1988 J-J	--	--	
Atlantic & Danville Ry Co—			
1st 3s July 1999	f--	25	
Battle Creek & Sturgis Ry—			
1st guaranteed 3s 1989 J-D	70	--	
Bay City & Battle Creek—			
1st 3s 1989 J-D	70	--	
Bedford Belt Ry—			
1st 2¾s-4¼s Jan 1 1994	f59	63	
Belt Railway Co of Chicago—			
1st mtge 4⅝s ser A 1987 F-A	103	104	
Boston & Albany 5s Oct 1963 A-O	99¾	--	
4¼s improvement 1978 F-A	71	74	
Canadian National Railway Co—			
Guaranteed bonds (payable in Canadian Currency)			
3s Jan 3 1966 opt '61	90	90¾	
2¾s Jan 2 1967 opt '64	88	88¾	
5½s Dec 15 1964	96¾	97¼	
4½s April 1 1967	92½	93¼	
5s May 15 1968	93¾	94½	
2⅞s Sept 15 1969 out '64	84¾	85½	
2⅞s Jan 16 1971 opt '66	83	83¾	
3¾s Feb 1 1964-'72	83½	84¼	
5s May 15 1977	93	93¾	
4s Feb 1 1981	81¾	82½	
5¾s Jan 1 1985	99½	100½	
5s Oct 1 1987	92	92¾	
Canadian Pacific Ry—			
Conv coll tr 3⅛s 1970 A-O	85	--	
Conv coll tr 3½s 1966 A-O	89	91½	
Conv coll tr 4s 1969 J-D	87	89½	
Coll trust 3¾s 1972 M-N	88¾	89¾	
Coll trust 5s Jan 1983 J-J	89	90	
Charleston & West Carolina Ry—			
Cons 5s 1964 J-J	99	101	
Chesapeake & Ohio—			
Refunding and impvt mtge—			
2.80s series G-23 1964 F-A	99	--	
2.85s series G-24 1965 F-A	97¾	--	
2.90s series G 25 1966 F-A	96½	--	
Chicago Great Western Ry —			
3⅞s coll trust 1969 F-A	93	--	
Chicago Memphis & Gulf—			
Ext at 3% to Dec 1962 J-J	f--	70	
Cinc Indianapolis & Western—			
1st (stp mod) 3-5s 1965 M-N	92	96	
Chicago Union Station Co.—			
1st mtge 4⅝s s f 1988 wi J-D	--	99½	
Cleveland Terminal & Valley—			
1st 4s gold guaranteed 1995 M-N	68	72	
Connecting Ry (Philadelphia)—			
1st mtge 3⅛s ser A 1976 M-S	70	74	
Delaware Lackawanna & Western—			
Oswego & Syracuse—			
4-6s May 1 1993	35	40	
Utica Chenango & Susquehanna Ry Div 1st 3-5s May 1 1992	25	29	
Warren RR 1st ref 3½s 2000 F-A	39	41	
2nd 4-6s May 1 1992	35	40	
Detroit & Toledo Shore Line—			
1st mtge 3¼s series A 1982 J-D	85	--	
Elmira & Williamsport—			
Income 5s 2862 A-O	f89	--	
First RR & Banking Co of Georgia			
Coll trust 5s 1988 F-A	95	98	
5s conv debs 1977 M-S	125	--	
Fonda Johnstown & Gloversville—			
2nd conv income 4½s 2011 Apr	f80	--	
Fort Dodge Des Moines & South—			
1st inc 4s Dec 31 1991 An-May	f36	40½	
Fort Street Union Depot Co—			
1st sinking fund 3¾s 1965 J-D	96	99	
Green Bay & Western—			
Debenture certificates A Feb	f95	--	
Debenture certificates B Feb	f18	20	
Guayaquil & Quito Ry—			
5s "assented" 1932 J-J	f35	37	
Illinois Terminal RR Co—			
1st mtge 4⅝s ser A 1987 J-D	101¼	--	
Indiana Harbor Belt RR—			
1st mortgage 5⅛s 1982 J-D	92	96	
Jacksonville Terminal—			
1st mtge 3⅜s ser A 1977 J-D	84	--	
Kans City St Louis & Chicago RR—			
1st 4½s May 31 2022	85	--	
Kansas Oklahoma & Gulf—			
1st mtge 3⅝s 1980 M-S	85	--	
Kentucky & Indiana Term RR—			
1st mtge 4⅞s 1986 M-S	101	103	
Lakefront Dock & RR Terminal—			
1st mtge s f 3¾s ser B 1974 F-A	86	--	
Lehigh & Lake Erie RR Co—			
1st 4½s extended 1994 M-S	66	69	
Lehigh Valley RR Co—			
Cons 4½s Apr 1 1989 J-D	68	72	
Louisiana & North West RR—			
General sinking fund 5s 1974 J-J	96½	--	
Non-cum income deb 5s 2008 July	f41	--	
Macon Terminal 5s 1965 J-J	99	--	
Maine Central RR—			
5½s inc debs 2008 M-S	f73½	--	
Maryland & Pennsylvania RR—			
1st extended 2-4s 1981 M-S	90	--	
1st cons ext 2-6s 1993 A-O	90	--	
Mexican International RR—			
1st cons 4s Sep 1977 (1922 ass'nt)			
Stamped Plan B	f26	--	
Sterling 4½s Sep '47 ('22 ass'nt)			
Stamped Plan B	f21	--	
Mohawk & Malone—			
Consolidated gold 3½s 2002 M-S	51	55	
Muskogee Company—			
4½s coll tr s f 1970 A-O	96	--	
National RR of Mexico—			
1st cons 4s Oct 1951			
Plan B	f38	40	
6s (formerly 4½s 1926)			
Extended to Jan 1933			
Plan B	f49	52	
National Rys of Mexico—(Cont)			
Prior lien 4½s July 1957			
Plan B	f41	42½	
Sink fund 4s Oct 1977			
Plan B	f38	40	
3 mos 6% notes Dec 1913			
Plan B	f40	--	
3 yr 6% $ notes Jan 1914			
Plan B	f25	--	
New Orleans Great Northern—			
Income debentures 5s 2032 J-J	f80	83	
New York Central RR—			
Collateral trust 5¼s 1980 J-J	79	--	
Collateral trust 5¾s 1980 J-J	83	--	
North Pennsylvania RR—			
3½s mortgage 1972 J-D	77	--	
Norwich & Worcester RR—			
1st mtge 4½s ser B 1967 M-S	60	65	
Oswego & Syracuse (see D L & W)			
Penn & N Y Canal & RR—			
Cons 1st extended 4½s 1969 A-O	74	--	
Cons extended 4s 1969 A-O	70	--	
Pennsylvania Company—			
5¼s coll trust 1985 J-D	106	--	
Pennsylvania RR—			
Secured serial bonds—			
4s 1964 J-J	f 4.00 less	¼	
Peoria & Pekin Union Ry—			
1st mtge 3⅛s ser A 1975 J-J	78	--	
Phila & Reading Term RR—			
1st sinking fund 3½s 1966 M-S	91	--	
Piedmont & Northern 3¾s '66 J-D	96	99	
Portland (Me) Terminal—			
1st mtge 6¼s 1986 F-A	99	100	
Providence & Worcester RR—			
1st mtge 4¾s ser A 1967 A-O	65	--	
Richmond Term 3⅜s 1965 M-S	97	--	
Southern Railway—			
Aiken Branch 4s 1998 J-J	62	--	
Spartanburg Union & Columbia—			
1st 4s 1995 J-J	85	--	
Sturgis Goshen & St Louis Ry—			
1st 3s Dec 1 1989 J-D	70	--	
Toledo Peoria & Western RR—			
1st mtge 4s series B 1967 J-J	97	--	
Toledo Terminal RR—			
1st mtge 4¾s 1982 A-O	95	--	
Union Terminal Co (Dallas)—			
1st mtge 3s 1978 J-D	83	--	
United N J RR & Canal Co—			
1st 4½s Sep 1 1979 M-S	92	--	
Gen mtge 2¾s 1976 M-S	75	--	
Utica Chenango & Susq Ry Div—			
See Del Lack & Western			
Vera Cruz & Pacific RR—			
1st 4½s 1934 Plan B	f37½	39	
Vicksburg Shreveport & Pacific—			
Ref & imp 5s ser B 1973 M-N	99	--	
Warren RR (see D L & W)			
West Virginia & Pittsburgh—			
1st gold sinking fund 4s 1990 A-O	81	85	
Wheeling & Lake Erie RR—			
Gen & ref M 2¾s ser B 1974 F-A	85	--	
Gen & ref M 2¾s ser C 1974 F-A	85	--	

a Called for redemption, see page 94. b Basis. e Ex-interest. f Flat price. k Last sale. n Nominal. r Canadian dollar value.

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RAILROAD EQUIPMENT TRUST CERTIFICATES

The prices quoted here are the dollar valuations for practically all the outstanding issues. It being impossible to revise these figures each month, the quotations shown are the Dec. 31, 1962, valuations, published on the assumption that little change has taken place in the quoted value of the bonds since that date. For the certificates issued since Dec. 31, the bid prices at the time of issuance are shown. For the serial issues, we are indicating the bid for the lowest, and the bid for the highest maturity.

	Dec. 31, 1962 Bid Price
Alabama Great Southern RR—	
4⅜s series K— June 15-Dec 15 1963-1967	100⅜ to 101¾
Ann Arbor Railroad—	
3⅝s series C April 1 1964-72	99½ to 94⅝
Atlantic Coast Line RR—	
2½s series J March 1 1964	98¼ —
2¾s (J 2nd) March 1 1964	98⅝ —
4¼s series K Jan 1 1964-72	100¼ to 99¾
4⅝s series L July 15 1963-1975	100¼ to 102¼
4¼s series M Aug 15 1963-1975	100⅛ to 98¾
4¼s series N (1st part) Jan 1 1964-1977	100¼ to 98¾
4⅜s series N (2nd & final) Jan 1 1964-1977	100¼ to 100
4⅛s series O Aug 15 1963-1977	100 to 97½
4s series P Jan 15 1964-1978	100⅝ to 97¼
4s series Q Mar 1 1964-1978	100⅝ to 97¼
Baltimore & Ohio RR—	
2½s series AA July 1 1963-64	99⅛ to 97¾
2½s series BB Jan 1 1964-65	98⅜ to 96⅞
3s series CC Sept 1 1963-66	99¼ to 96
3s series DD March 1 1964-67	98¾ to 95
3⅛s series EE June 1 1964-67	98⅝ to 95¼
Series FF— 3⅛s (1st & 2nd) Dec 1 '63-67	99⅛ to 94¾
3¼s (3rd inst) Dec 1 1963-67	99¼ to 95¼
Series GG— 1st & 2nd 3¼s Jan 1 1964-71	99⅛ to 91¾
3rd & 4th 3⅝s Jan 1 1964-71	99½ to 94¼
4¼s series HH Jan 1 1964-72	100 to 98¼
4s series II (1st install) Feb 1 1964-72	99¾ to 96⅜
4½s series II (2nd install) Feb 1 1964-72	100⅜ to 100
Series JJ— 4¼s (1st install) Dec 1 1963-1972	100¼ to 98⅛
3¼s (2nd and final) Dec 1 1963-1972	99¾ to 94⅛
Bangor & Aroostook RR—	
2½s series N Dec 1 1963	98⅝ —
3¼s of 1952 Apr 1-Oct 1 '63-'67	99½ to 95⅝
2⅞s of 1954 June 1 1964-1969	98¼ to 91¼
2¾s series P of 1954— Nov 1 1963-1969	99⅞ to 90
Boston & Maine RR—	
4½s series I (1st and 2nd) March 1 1964-1971	93½ to 67¾
6s series I (3rd install) March 1 1964-1971	95¼ to 76
Central of Georgia—	
3¼s series W May 1 1964-67	99⅝ to 95¾
3⅜s series X Nov 1 1963-67	99½ to 95⅞
3⅝s series Y Sep 1 1963-68	99⅝ to 96⅛
2⅞s series Z Aug 1 1963-69	99¼ to 91⅛
3⅛s series A Mar 1 1964-70	98⅞ to 92
3¼s ser B Feb 1-Aug 1 1963-71	99⅝ to 91⅜
4⅝s ser C May 1-Nov 1 1963-71	100¼ to 101
5s series D Jun 1-Dec 1 1963-72	100½ to 104
Central RR of New Jersey—	
2⅝s series A Oct 15 1963	98⅝ —
2½s of 1950 Apr 1 1964-65	97⅝ to 95½
3½s of 1952 Oct 1 1963-67	99⅜ to 93⅞
3⅝s of 1953 Mar 1 1964-68	99 to 93½
3⅛s of 1954 Apr 1 1964-69	98⅜ to 89¼
Central RR of Pennsylvania—	
2⅜s of 1950 Apr 1 1964-65	97½ to 95¼
3s of 1951 Aug 1 1963-66	99⅛ to 94
Chesapeake & Ohio Ry—	
2⅛s (3rd 1949) Feb 1-Aug 1 1963-64	99¼ to 97¾
2s (4th 1949) May 1-Nov 1 1963-64	98⅞ to 97⅛
2⅛s of 1950 Jan 1-July 1 1963-65	99⅜ to 96⅜
2⅛s (2nd 1950) Apr 1-Oct 1 1963-65	99⅛ to 96
2⅜s (3rd 1950) Mar 1-Sep 1 1963-65	99¼ to 96⅝
2½s (4th 1950) May 15-Nov 15 1963-65	99⅛ to 96¾
2½s of 1951 Feb 1-Aug 1 1963-66	99⅜ to 95⅝
2⅞s (2nd 1951) May 15-Nov 15 1963-66	99⅜ to 96⅝
3s (3rd 1951) Feb 1-Aug 1 1963-66	99⅝ to 97¼
2¾s (4th 1951) Apr 1-Oct 1 1963-66	99⅜ to 96¼
3⅛s (5th 1951) Jun 15-Dec 15 1964-66	99½ to 97⅜
2⅞s of 1952 Mar 1-Sep 1 1963-67	99½ to 95⅝
2⅞s (2nd 1952) Apr 15-Oct 15 1963-67	99⅜ to 95½
2⅞s (3rd 1952) Jun 1-Dec 1 1963-67	99⅜ to 95⅜
3⅛s (4th of 1952) Mar 1-Sep 1 1963-67	99⅝ to 96⅝
3¼s (5th of 1952) Apr 15-Oct 15 1963-67	99⅝ to 97

	Dec. 31, 1962 Bid Price
Chesapeake & Ohio Ry (Cont'd)—	
3s of 1953 Feb 1-Aug 1 1963-68	99½ to 95
3¼s (2nd 1953) Apr 1-Oct 1 1963-68	99⅝ to 96
3⅝s (3rd 1953) Jan 1-July 1 1963-68	99¾ to 98
3s of 1955 Aug 1 1963-70	99½ to 92⅝
3s of 1956 1st install Feb 20 1964-71	99 to 91¾
3⅜s 2nd of 1956 Jun 4 1964-71	99⅜ to 94¼
3⅞s 3rd of 1956 Oct 23 1963-71	100⅛ to 97¾
4⅛s 3rd of 1956 Oct 23 1963-71	100¼ to 99½
3⅞s of 1957 Feb 25 1964-72	100 to 97⅝
4¼s of 1957 1st install Jun 1 1964-72	100⅝ to 100⅜
4⅜s of 1957 2nd & 3rd Jun 1 1964-72	100¾ to 101¼
4½s of 1959 (1st part) 1st install Jun 1 1964-74	101 to 102⅝
4⅝s of 1959 (2nd and final) Jun 1 1964-74	101⅛ to 103½
4¼s of 1960 Nov 1 1963-75	100⅜ to 100⅛
Chicago & Eastern Illinois Ry—	
2⅝s series F Jan 1-July 1 1963	99⅜ —
2⅝s series G Jan 1-July 1 1963-64	99⅜ to 97¾
2¾s series H Jun 1-Dec 1 1963-65	98⅜ to 95⅜
3⅛s series I Feb 1-Aug 1 1963-67	97⅜ to 92½
3⅝s series J Mar 1-Sep 1 1963-68	99½ to 92¾
4⅜s series K Feb 1-Aug 1 1963-72	99⅝ to 93⅝
5s series L July 22 1963-72	100¼ to 98¼
Chicago & North Western Ry—	
2⅜s (1st 1948) Aug 1 1963	98¾ —
2⅜s (2nd 1948) Nov 1 1963	98⅜ —
2⅜s (1st 1949) Jun 1 1964	97⅛ —
2⅜s (2nd 1949) Aug 1 1963-64	98¾ to 96⅞
2¼s of 1950 Apr 1 1964-65	97¼ to 95
2⅝s of 1951 Mar 15 1964-66	97¾ to 93¼
3s (1st 1952) May 1 1964-67	98⅛ to 92⅜
3⅛s (2nd 1952) July 1 1963-67	99¼ to 92⅝
3½s (1st 1953) Apr 1 1964-68	98¾ to 92⅞
3¾s (2nd 1953) Jun 15 1963-68	99⅝ to 93¾
3¾s (3rd 1953) Aug 15 1963-68	99½ to 93⅝
2⅞s of 1954 Mar 1 1964-69	98⅛ to 88½
2⅞s (2nd 1954) May 1 1964-69	98 to 88¼
3⅜s of 1955 July 15 1963-70	99⅜ to 89¼
3⅝s (1st 1955) Nov 1 1963-70	99⅜ to 90½
3¾s (2nd of '55) Nov 1 1963-70	99½ to 91⅜
4⅜s of 1956 Jun 15 1963-71	99⅞ to 95⅛
5s (2nd of '56) Nov 1 1963-71	100½ to 99¼
5⅛s (3rd of '56) Nov 15 1963-71	100¾ to 100¼
5½s of 1957 Mar 15 1964-72	101⅛ to 102⅝
6s (2nd of '57) July 15 1963-72	100¾ to 106⅞
5¼s (1958 1st & 2nd part) Jan 1 1964-73	100⅝ to 100½
5¾s (2nd of 1958 1st part) Oct 15 1963-73	101 to 104⅝
5½s (2nd of 1958 2nd part) Oct 15 1963-73	100¾ to 102⅝
5¼s (2nd of 1958 3rd part) Oct 15 1963-73	100⅝ to 100½
5⅛s of 1959 Jan 15 1964-74	100⅜ to 99½
5s of 1962 Apr 1 1964-77	100⅝ to 98¼
4⅝s of 1963 Apr 15 1964-1978	100⅞ to 100
Chicago Burlington & Quincy RR—	
2¼s of 1948 Apr 1-Oct 1 1963	99⅛ —
2¼s of 1949 Jan 1-July 1 1963-64	99⅜ to 98⅛
2⅛s of 1950 Mar 1-Sep 1 1963-65	99¼ to 96⅛
3¼s of 1953 May 1-Nov 1 1963-68	99⅝ to 96
2⅞s (2nd 1953) May 1-Nov 1 1963-68	99⅜ to 94⅛
2⅝s of 1954 Jan 1-July 1 1963-69	99½ to 91⅞
2⅝s (2nd 1954) Jun 1-Dec 1 1963-69	99¼ to 91½
2⅞s of 1955 Jan 5-July 5 1963-70	99⅝ to 92⅛
3⅛s (2nd 1955) Mar 1-Sep 1 1963-70	99⅝ to 93½
3⅛s (No 1 of 1956) Feb 1-Aug 1 1963-71	99⅝ to 92½
3⅞s (No 2 of 1956) May 1-Nov 1 1963-71	100 to 97¾
3¾s (No 1 of 1957) Mar 1-Sep 1 1963-72	99⅞ to 96⅝
3½s (No 1 of 1958) Feb 1-Aug 1 1963-73	99¾ to 93⅞
3½s (No 2 of 1958) Apr 1-Oct 1 1963-73	99¾ to 93¾
3⅜s (No 3 of 1958) Jan 1-July 1 1963-73	99¾ to 92⅞
4⅜s (No 1 of 1959) Feb 1-Aug 1 1963-74	100 to 101¼
4⅝s (No 2 of 1959) Jan 1-July 1 1963-74	100 to 103½
5s (No 3 of 1959) Mar 1-Sep 1 1963-74	100⅜ to 106⅞
4⅝s (No 1 of 1960) Jan 1-July 1 1963-75	101 to 103½
4¼s (No 1 of 1961) Feb 1-Aug 1 1963-76	100 to 100⅛
4⅛s (No 2 of 1961) Jun 1-Dec 1 1963-76	100⅛ to 99
4⅛s (No 3 of 1961) May 1-Nov 1 1963-76	100⅛ to 99
4⅜s (No 1 of 1962) Mar 1-Sep 1 1963-77	100⅛ to 101¼
4s (No 2 of 1962) Jun 1-Dec 1 1963-77	100⅛ to 97¾
4s (No 1 of 1963) Feb 1-Aug 1 1963-78	100⅜ to 98⅞
3⅞s (No 2 of 1963) Jun 1-Dec 1 1963-78	100¼ to 95

	Dec. 31, 1962 Bid Price
Chicago Great Western Ry—	
2¾s (2nd 1949) Jan 15-July 15 1963-64	99⅜ to 98⅛
Chicago Indianapolis & Louisv RR	
2⅝s (1st 1949) Mar 1 1964	97⅞ —
2¾s of 1951 Mar 1 1964-66	98 to 93⅞
3¼s of 1952 Aug 15 1963-67	99¼ to 92⅞
3¾s (1st 1953) Oct 15 1963-68	99½ to 93½
Chicago Milw St Paul & Pac RR—	
2⅜s series HH Apr 1-Oct 1 1963-64	99⅛ to 97¾
2⅛s series JJ Mar 1-Sep 1 1963-64	99⅛ to 97½
2¼s series KK Apr 1-Oct 1 1963-64	99 to 97½
2¼s series LL Jun 1-Dec 1 1963-65	98⅞ to 95½
2½s series MM May 1-Nov 1 1963-65	99⅛ to 96¼
2⅞s series OO Apr 1-Oct 1 1963-66	99⅜ to 96
2⅞s series PP Mar 1-Sep 1 1963-67	99⅜ to 94¾
3⅛s series QQ Mar 1-Sep 1 1963-67	99½ to 95¾
3⅛s series RR Jan 1-July 1 1963-69	99⅝ to 93⅝
2¾s series SS Jan 1-July 1 1963-69	99½ to 91½
2⅞s series TT May 1-Nov 1 1963-69	99¼ to 92
3⅜s series UU Jan 1-July 1 1963-71	99¾ to 93⅜
4s series VV (1st inst) Feb 1-Aug 1 1963-72	99⅞ to 97⅝
4⅜s series VV (2nd and final instal) Feb 1-Aug 1 1963-72	100 to 100¼
4⅛s series WW Jan 1-July 1 1963-73	99⅞ to 97⅞
4½s series XX Feb 1-Aug 1 1963-74	100 to 101
4⅞s series YY (1st part) Feb 1-Aug 1 1963-75	100⅛ to 104⅝
4¾s ser YY (2nd & final inst) Feb 1-Aug 1 1963-75	100⅛ to 103⅜
4s series ZZ Mar 1-Sep 1 1963-76	99⅞ to 96⅜
Chicago Rock Island & Pacific RR	
2¼s series A Jan 1-July 1 1963	99⅜ —
2⅛s series G Jun 1-Dec 1 1963-65	98¾ to 95¼
2¾s series J Apr 1-Oct 1 1963-66	99¼ to 95½
2¾s series K May 1-Nov 1 1963-66	99¼ to 95⅝
3s series L Jan 1-July 1 1963-67	99½ to 95½
2¾s series M Apr 1-Oct 1 1963-67	99¼ to 94¼
2¾s series N Feb 1-Aug 1 1963-64	99⅜ to 98⅜
2¾s series O Jan 1-July 1 1963-65	99½ to 97¼
3s series P Jun 1-Dec 1 1963-67	99⅜ to 95⅛
3⅜s series Q May 1-Nov 1 1963-68	99⅝ to 95⅝
4⅛s series R Jun 1-Dec 1 1963-72	100 to 98⅜
4⅜s series S Feb 1-Aug 1 1963-72	100 to 100¼
3½s series T Feb 1-Aug 1 1963-73	99⅝ to 92¾
4⅛s series U Feb 15-Aug 15 1963-74	99⅞ to 97¾
5s series V Jun 15-Dec 15 1963-74	100⅝ to 105⅝
4½s series W May 15-Nov 15 1963-75	100¼ to 101
4⅛s series X May 1 1964 78	100½ to 96¾
Chicago St Paul M & O Ry—	
2⅝s of 1948 Dec 1 1963	98½ —
3⅛s of 1951 July 1 1963-66	99¼ to 94½
3¼s of 1952 Jun 1 1964-67	98⅜ to 93¼
4½s of 1953 July 1 1963-68	100 to 97⅜
Cin New Orls & Texas Pac Ry—	
3⅞s series L (1st inst) Feb 1-Aug 1 1963-67	99⅞ to 99⅝
3¾s series L (2nd inst) Feb 1-Aug 1 1963-67	99⅞ to 99⅛
Delaware Lack & Western RR—	
2½s series H Mar 15-Sep 15 1963-64	99 to 97¼
2½s series I Apr 1 1964	97⅝ —
2⅜s series J Apr 1 1964-65	97½ to 95¼
3s series K Mar 1 1964-67	98¼ to 92¼
3⅛s series L Jan 15 1964-68	98⅝ to 91
2¾s series M Feb 15-Aug 15 1963-69	99¼ to 87⅛
3⅜s series N (1st inst) May 15-Nov 15 1963-71	99⅝ to 90
3⅞s series N (2nd inst) May 15-Nov 15 1963-71	99⅝ to 90⅝
Denver & Rio Grande West RR—	
2½s series M May 1-Nov 1 1963	99¼ —
2⅜s series N Apr 1-Oct 1 1963-64	99¼ to 98
2¼s series O Jun 1-Dec 1 1963-64	99 to 97½
2⅜s series P June 1-Dec 1 1963-65	99 to 97¾
3s series Q Jun 1-Dec 1 1963-66	99½ to 97

a Called for redemption, see page 94. b Basis. f Flat price. k Last sale. n Nominal. r Canadian dollar value.

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	Dec. 31, 1962 Bid Price
Den & Rio Grande West (Con't)—	
2¾s series R Jun 1-Dec 1 1963-67	99¼ to 94⅜
3⅛s series S May 1-Nov 1 1963-68	99⅝ to 95⅜
3½s series S (2nd installment) May 1-Nov 1 1963-68	99¾ to 97¼
2⅞s series T Jun 1-Dec 1 1963-70	99⅜ to 91¾
3¼s series U Jan 1-July 1 1963-71	99¾ to 93½
3¾s series V May 1-Nov 1 1963-72	100 to 96⅝
3⅜s series W Mar 1-Sep 1 1963-73	99¾ to 92¾
4s ser X Mar 1-Sep 1 1963-74	100 to 97¾
4⅝s series Y Jun 1-Dec 1 1963-75	100½ to 103¼
4⅜s series Z July 1 1963-76	100¼ to 101¼
4⅛s series AA Apr 1-Oct 1 1963-77	100⅛ to 99
4s series BB Feb 1-Aug 1 1963-78	100⅜ to 98⅞
Erie RR—	
2⅜s of 1950 Jan 15-July 15 1963-65	99¼ to 95⅛
2⅞s (3rd 1952) Mar 15-Sep 15 1963	99¼ —
3s of 1954 Jan 15 1964-69	98⅜ to 89
3s of 1955 July 15 1963-70	99⅛ to 86½
3⅝s of 1956 Jun 15 1963-71	99½ to 89⅜
4¼s 1957 Jan 1 1964-72	99¾ to 93
4¾s (2nd 1957) July 15 1963-72	100¼ to 96⅝
Great Northern Ry Co—	
2⅜s of 1948 Mar 1-Sep 1 1963	99¼ —
2s of 1949 Jun 1-Dec 1 1963-64	98¾ to 97⅛
2⅜s of 1950 Feb 1-Aug 1 1963-65	99⅜ to 96¾
2⅞s of 1951 Apr 1-Oct 1 1963-66	99½ to 96¾
3s (2nd 1951) Jun 1-Dec 1 1963-66	99½ to 97
2⅞s of 1953 Jan 1-July 1 1963-68	99⅝ to 94½
2¾s of '54 Feb 1-Aug 1 1963-69	99½ to 92½
2⅝s (2nd 1954) Jun 1-Dec 1 1963-69	99¼ to 91½
3⅜s of 1956 Apr 1-Oct 1 1963-71	99¾ to 94¼
3¾s of 1957 Mar 1-Sep 1 '63-72	99⅞ to 96⅝
4¼s (2nd of 1957) Feb 1-Aug 1 1963-72	100 to 100½
3½s of '58 Feb 1-Aug 1 1963-73	99¾ to 94
4s (2nd of 1958) Mar 1-Sep 1 1963-73	100 to 98⅛
4⅛s (3rd of 1958) Jun 1-Dec 1 1963-73	100¼ to 99⅛
4½s of 1959 May 1-Nov 1 1963-74	100⅜ to 102¼
5s of 1960 Feb 1-Aug 1 1963-75	100¼ to 107⅛
4⅞s (2nd of 1960) Mar 1-Sep 1 1963-75	100⅜ to 106
4s of 1961 Mar 1-Sep 1 1963-76	100 to 97¾
4s of 1962 May 1 1964-77	100⅜ to 97½
4⅛s of 1963 Mar 1 1964-1978	100⅞ to 100½
4s (2nd of 1963) Jun 1 1964-1978	100⅝ to 97¾
Gulf Mobile & Ohio RR—	
2⅛s series E Feb 15 1964	98⅛ —
3s series F Apr 1-Oct 1 1963-65	99½ to 98
3⅛s series G Mar 1-Sep 1 1963-68	99⅝ to 95½
4¼s series H Jan 1-July 1 1963-72	99⅞ to 100⅜
4⅜s series I Mar 1-Sep 1 1963-76	100⅛ to 101⅛
4⅛s series J Jan 15-July 15 1963-77	99⅞ to 99
4s series K Apr 1-Oct 1 1963-77	100 to 97¾
4s series L April 1-Oct 1 1963-1978	100¾ to 97¾
Illinois Central RR—	
2⅞s series FF Apr 1-Oct 1 1963-66	99½ to 96¾
3s series GG May 1-Nov 1 1963-66	99½ to 97
2⅞s series HH Feb 1-Aug 1 1963-67	99½ to 95⅝
2¾s series 35 May 1-Nov 1 1963-67	99⅜ to 94⅞
3s series 36 Feb 1-Aug 1 1963-68	99⅝ to 95
3s series 37 Mar 1-Sep 1 1963-68	99½ to 94⅞
2½s series 38 Mar 1-Sep 1 1963-69	99⅜ to 91
2½s series 39 Apr 1-Oct 1 1963-69	99¼ to 90⅜
2⅝s series 40 Jan 1-July 1 1963-70	99½ to 90½
3¼s series 41 Jan 1-July 1 1963-71	99⅝ to 93½
3s series 42 Mar 1-Sep 1 1963-71	99½ to 91⅝
4s series 43 Jan 1-July 1 1963-72	99⅞ to 98⅝
4⅛s series 44 May 1-Nov 1 1963-72	100⅛ to 99½
4¼s series 45 Jan 1-July 1 1963-73	99⅞ to 100⅛
4⅛s series 46 Jun 1-Dec 1 1963-73	100⅛ to 99⅛
4s series 47 Apr 1-Oct 1 1963-74	100 to 97⅞

	Dec. 31, 1962 Bid Price
Illinois Central RR (Cont)—	
4½s series 48 Mar 1-Sep 1 1963-74	100⅛ to 102¼
4⅜s series 1949 May 1-Nov 1 1963-75	100¼ to 101⅛
4s series 50 Mar 1-Sep 1 1963-75	100 to 97⅜
4⅛s series 1951 Dec 1 1963-75	100⅜ to 99
4s series 52 Mar 1-Sep 1 1963-76	100 to 97¾
Indiana Harbor Belt RR—	
2⅜s 2nd 1949 Sept 15 1963-64	98⅞ to 97½
2¼s of 1950 Feb 15 1964-65	99½ to 96⅜
International Great Northern RR	
2⅜s series CC Aug 15 1963-64	99 to 97⅝
2⅜s series DD Apr 1 1964-65	98 to 96½
3¼s series EE Feb 20 1964-68	99⅝ to 95⅜
2⅞s series FF May 1 1964-69	99½ to 92⅛
Kansas City Southern Ry—	
2½s series I Feb 1-Aug 1 1963-64	99⅜ to 98¼
2⅛s series J May 1-Nov 1 1963-64	99 to 97½
2½s series K Sep 1 1963-65	99⅛ to 96½
Louisville & Nashville RR—	
2¾s series K Sep 15 1963-66	99⅛ to 96⅛
2⅞s series L July 15 1963-67	99⅜ to 95½
3¼s series M Aug 15 1963-68	99⅝ to 96
2½s ser M (2nd) Aug 15 1963-68	99⅛ to 92¼
3s series N Dec 15 1963-68	99⅜ to 94½
3s series O Mar 15 1964-71	99 to 91¾
3⅞s series P Nov 15 1963-71	100⅛ to 97¾
3⅝s series Q Jan 15 1964-73	99¾ to 95
3½s series R Mar 1 1964-73	99⅝ to 94
3⅜s series S Apr 15 1964-73	99⅜ to 92⅞
4⅛s series T Jan 15 1964-74	100¼ to 99
4½s series U Jun 15 1963-74	100¼ to 102¼
4½s series V Apr 1 1964-75	100¾ to 102½
4½s series W May 15 1964-75	100⅞ to 102¼
4s series X Sep 1 1963-75	100⅛ to 97⅞
4⅛s series Y Nov 15 1963-75	100¼ to 99
4⅛s series Z Jan 1 1964-76	100¼ to 99
3¾s series AA Mar 15 1964-76	99⅞ to 95⅜
4⅛s series BB Jun 15 1963-76	100 to 99
4s series CC July 1 1963-77	100 to 97¾
4s series DD Sep 1 1963-77	100⅛ to 97¾
4s series EE Mar 15 1968-1978	100⅝ to 97¾
3⅞s series FF 1964-1978	100⅝ to 97¾
Minneapolis & St Louis Ry—	
4½s series A May 10 1964-72	100 to 94⅝
4¼s series B Aug 26 1963-73	99⅞ to 91⅝
Minneapolis St Paul & Saulte Ste Marie RR—	
3⅛s series A Jan 1-July 1 1963-67	90½ to 95⅜
2⅞s series B Feb 1-Aug 1 1963-69	99⅜ to 91⅜
4½s series C May 1-Nov 1 1963-71	100⅛ to 100⅛
4⅞s series D Feb 1-Aug 1 1963-72	100⅛ to 103
Missouri-Kansas-Texas RR—	
2½s of 1948 Mar 1-Sep 1 1963	99⅛ —
2½s of 1949 Feb 1-Aug 1 1963-64	99¼ to 97½
2½s (2nd 1949) Apr 1-Oct 1 1963-64	99 to 97¼
2⅜s (3rd 1949) Jun 15-Dec 15 1963-64	98⅝ to 96⅝
2⅛s of 1950 Feb 1-Aug 1 1963-65	99⅛ to 94½
2⅞s of 1951 Jan 1-July 1 1963-66	99⅜ to 94⅛
2¾s (2nd 1951) Mar 15-Sep 15 1963-66	99⅛ to 93⅜
3⅛s of 1952 Jan 15-July 15 1963-67	99½ to 92½
3⅝s of 1956 Sep 1 1963-71	99½ to 89½
Missouri Pacific RR—	
2½s series LL Apr 15 1964	98⅛ —
2⅜s series MM Aug 15 1963-64	99 to 97½
2⅜s series NN Apr 1 1964-65	98 to 96½
2⅜s series OO Jun 1 1964-65	97⅞ to 96¼
2⅝s series PP Feb 1 1964-66	98¾ to 95¾
3⅜s series QQ Dec 15 1963-66	99½ to 97½
3⅛s series RR Mar 1 1964-67	99 to 96
3s series SS May 1 1964-67	99½ to 95⅜
3⅛s series TT July 1 1963-67	99½ to 95¾
3¼s series UU Mar 2 1964-68	99⅛ to 95⅜
3¾s series VV Jun 15 1963-68	99¾ to 97½
3⅛s series WW Jan 15 1964-69	99⅛ to 93¾
2¾s series XX Mar 15 1964-69	98½ to 91⅝
2⅞s series YY Jan 1 1964-70	98⅞ to 91½
3s series ZZ Feb 1 1964-70	98⅞ to 92⅛
3¼s series A Jun 15 1963-70	99½ to 93⅜
3⅜s series B Sep 1 1963-70	99½ to 94
3½s series C Jan 1 1964-71	99½ to 94⅝
3⅝s series D Apr 15 1964-71	99¼ to 93⅝
3⅝s series E Jun 1 1964-71	99½ to 95⅜
3¾s series F (1st instal) Aug 15 1963-71	99¾ to 96⅛
4⅛s series F (final instal) Aug 15 1963-71	100 to 98¾
4½s series G Jan 15 1964-72	100½ to 101¼
4½s series H Jun 1 1964-72	100¾ to 101¼
4½s series I Sep 1 1963-72	100¼ to 101⅜
3⅝s series J Jan 15 1964-73	99⅝ to 94¼
4¼s series K Sep 1 1963-73	100⅞ to 99¼
4¾s series L Aug 1 1964-74	100⅜ to 103¼
5⅛s series M Oct 15 1963-74	100⅞ to 106¾
5s ser N (1st part) Jun 1 '64-75	101⅜ to 105¾
4¼s series N (2nd part) Jun 1 1964-75	100⅜ to 98¾
4⅜s series O Feb 1 1964-76	100⅜ to 100¼
4¼s series P May 1 1964-76	100⅜ to 98¾
4s series Q May 1 1964-77	100 to 96⅜
4s series R Jan 1 1964-78	100⅝ to 97¼
4s series S (1st inst) May 1-Nov 1 1963-1978	100⅜ to 96⅛

	Dec. 31, 1962 Bid Price
Monon Railroad—	
4¼s (1st 1956) Nov 15 1963-71	100 to 93¼
Nashville Chatt & St Louis Ry—	
2⅜s series E Feb 1 1964	98⅜ —
2¼s series F May 1 1964-65	98 to 96½
2½s series G Feb 1 1964-66	95½ to 96
2⅞s series H Dec 15 1963-67	99¼ to 95¼
New York Central RR—	
2⅝s of 1949 Jan 1 1964	98⅛ —
2⅝s (2nd 1949) Mar 15 1964	97¾ —
2⅝s (3rd 1949) May 15 1964	97⅝ —
2¾s (4th 1949) July 15 1963-64	99 to 97½
2¾s (5th 1949) Oct 1 1963-64	98¾ to 97⅛
2¾s of 1950 Jan 1 1964-65	98¼ to 96⅜
2¾s (2nd 1950) Jun 15 1963-65	99⅛ to 95¾
2¾s (3rd 1950) Nov 15 1963-65	98⅝ to 95
2¾s of 1951 Jan 1 1964-66	98¼ to 94⅛
3⅜s (2nd 1951) Dec 1 1963-66	99⅛ to 94⅞
3⅜s of 1952 Feb 1 1964-67	98¾ to 94⅛
3⅛s (2nd 1952) May 15 1964-67	98¼ to 92¼
3¼s (3rd 1952) Aug 15 1963-67	99¼ to 92⅞
3⅛s of 1953 Jan 1 1964-68	98⅝ to 91½
3⅝s (2nd 1953) Mar 15 1964-68	99 to 93½
3⅝s of 1955 Sep 15 1963-70	99½ to 90½
4¾s of 1957 Jan 1 1964-72	100⅛ to 97¼
4⅝s (2nd 1957) Apr 1 1964-72	99⅞ to 94⅜
5s (3rd 1957) Sep 16 1963-72	100¼ to 99
5¼s of 1960 Jun 1 1964-75	100⅛ to 100½
4¾s of 1961 Feb 15 1964-76	100⅛ to 96⅜
4⅞s (2nd 1961) Jun 1 1964-76	100¼ to 97¼
4¼s of 1963 June 15 1964-78	100¾ to 97¼
N Y Chicago & St Louis RR—	
2s of 1949 Apr 15-Oct 15 1963-64	99 to 97¼
2½s of 1950 Jun 15-Dec 15 1963-65	99⅛ to 96⅝
3s of 1951 Jan 15-July 15 1963-66	99⅝ to 97¼
3⅛s of 1952 Jan 1-July 1 1963-67	99⅝ to 96¾
2⅞s of 1953 Oct 1 1963-67	99⅜ to 95¼
3⅜s (2nd 1953) Dec 15 1963-67	99¾ to 97⅜
3¾s (3rd 1953) July 15 1963-68	99⅞ to 98½
2⅝s of 1954 Sep 1 1963-68	99¼ to 92¾
2½s (2nd of 1954) May 1-Nov 1 1963-69	99⅛ to 90⅞
2⅞s of 1955 Jun 15-Dec 15 1963-70	99⅜ to 91¾
3⅜s of 1956 Jun 1-Dec 1 1963-71	99¾ to 94⅛
3⅜s (2nd of 1956) Feb 1-Aug 1 1963-71	99¾ to 94¼
3¾s of 1957 Mar 15-Sep 15 1963-72	99⅞ to 96⅝
3⅝s of 1958 Feb 15-Aug 15 1963-73	99¾ to 95
4⅛s of 1959 Jan 15-July 15 1963-74	99⅞ to 99
4⅜s of '60 May 1-Nov 1 1963-75	100¼ to 101¼
4⅛s of '62 Feb 15-Aug 15 '63-77	100 to 99½
4⅛s (2d '62) Mar 1-Sep 1 '63-72	100 to 99½
N Y New Haven & Hartford RR—	
2½s (2nd 1948) Aug 1 1963	94½ —
2¼s (1st 1949) Feb 15 1964	94½ —
2¼s (2nd 1949) Dec 1 1963-64	93½ to 92½
3½s (1st 1953) May 1 1964-68	94½ to 65
3¾s series A (1st 1954) Jan 1 1964-69	95½ to 63½
3s series B (1954 No 1) Jan 1 1964-69	95 to 60¾
3s (1954 No 2) Oct 1 1963-69	95 to 57¼
3s (1955 No 1) Jan 1 1964-70	95 to 56
4⅝s (1956 No 1) July 1 1963-71	96½ to 59¼
5⅛s (1956 No 2) May 1 1964-71	96 to 62¼
Norfolk & Western Ry—	
3⅝s series A (1st & 2nd instal) Feb 1-Aug 1 1963-72	99¾ to 95⅝
3½s series A (3rd instal) Feb 1-Aug 1 1963-72	99¾ to 94¾
4⅛s series B (3rd part) Jun 1-Dec 1 1963-72	100⅛ to 99½
4¼s series B (3rd part) Jun 1-Dec 1 1963-72	100¼ to 100⅜
4⅜s series C (1st part) May 1-Nov 1 1963-72	100¼ to 101½
3⅞s series C (2nd part) May 1-Nov 1 1963-72	100 to 97½
3⅜s series C (3rd & final 1958) May 1-Nov 1 1963-72	99¾ to 93⅝
3¼s series D (1st instal) Apr 1-Oct 1 1963-73	99⅝ to 91¾
3⅞s ser D (2nd & final instal) Apr 1-Oct 1 1963-73	100 to 97
4s series E (1st instal) Apr 1-Oct 1 1963-73	100 to 98
3⅞s series E (2nd instal) Apr 1-Oct 1 1963-73	100 to 97
3⅞s series F (1st instal) May 1-Nov 1 1963-73	100 to 96⅞
4s series F (2nd instal) May 1-Nov 1 1963-73	100 to 98
4⅛s series G (1st instal) Apr 1-Oct 1 1963-74	100⅛ to 99
4½s series G (2nd instal) Apr 1-Oct 1 1963-74	100¼ to 102¼
4⅛s series H Aug 1 1963-76	100⅛ to 99
3⅞s series I Jan 1 1964-78	100⅝ to 96⅛
4s series J May 1 1964-78	100⅝ to 97¼

a Called for redemption, see page 94. b Basis. f Flat price. k Last sale. n Nominal. r Canadian dollar value.

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	Dec. 31, 1962 Bid Price	
Northern Pacific Ry—		
2⅜s of 1949 Mar 15 1964	98¼	--
2⅜s (2nd 1949) Jun 15 1963-64	99¼ to	98
2⅛s (3rd 1949) Nov 1 1963-64	98⅝ to	97⅛
2¾s of 1951 Mar 30 1964-66	98¾ to	96½
3s (2nd 1951) Nov 30 1963-66	99⅜ to	96⅞
2⅞s of 1952 Dec 16 1963-67	99¼ to	95⅛
2⅝s of 1954 May 14 1964-69	98⅜ to	91¾
2¾s (2nd 1954) Aug 10 1963-69	99⅜ to	92¼
2¾s of 1955 Jan 18 1964-70	98⅞ to	91½
3s (2nd 1955) Jun 16 1963-70	99½ to	92¾
3s (3rd 1955) July 14 1963-70	99½ to	92⅝
3¼s (4th 1955) Dec 20 1963-70	99⅝ to	94
3⅛s of 1956 Feb 16 1964-71	99¼ to	92¾
3½s (2nd 1956) July 12 1963-71	99¾ to	95⅛
4⅜s of 1957 Jan 17 1964-72	100½ to	101¼
4½s (2nd 1957) Jun 12 1963-72	100¼ to	102¼
3⅞s of 1958 Jan 9 1964-73	100 to	97⅛
3⅝s (2nd 1958) May 8 1964-73	99¾ to	94⅞
4⅜s of 1959 Mar 12 1964-74	100⅝ to	101⅛
4¾s (2nd 1959) July 30 1963-74	100½ to	104⅝
4⅞s of 1960 Jan 7 1964-75	101 to	105⅛
4¼s (2nd 1960) Apr 28 1964-75	100½ to	100⅛
3⅞s (3rd 1960) Sep 15 1963-75	100 to	96⅝
4¼s of 1961 Aug 23 1963-76	100¼ to	100⅛
3⅞s of 1962 Jun 15 1963-77	99⅞ to	96½
3⅞s of 1963 Jan 10 1964-78	100⅝ to	98¾
Pennsylvania RR—		
2⅜s (U 1st) July 1 1963	99	--
2½s (U 2nd) July 1 1963	99	--
2½s series V Nov 1 1963	98⅝	--
2½s series W Nov 1 1963	98⅝	--
2½s series X May 1 1964	98	--
2¼s series Y Jan 1 1964-65	98½ to	96⅜
2½s (Z 2nd) Apr 1 1964-65	97¾ to	96
2½s (Z 2nd) Apr 1 1964-65	98 to	96½
3s series AA (1st part) Mar 1 1964-68	98⅝ to	93½
3⅛s series AA (2nd part) Mar 1 1964-68	98¾ to	94⅛
2¾s series BB Feb 1 1964-69	98½ to	91
2¾s series CC Feb 1 1964-70	98½ to	89¾
3⅛s series DD Nov 1 1963-70	99¼ to	91
3¼s series EE Jan 1 1964-71	100 to	91⅜
3⅛s series FF (1st instal) Apr 1-Oct 1 1963-71	99½ to	90⅛
3¾s series FF (2nd instal) Apr 1-Oct 1 1963-71	99¾ to	94½
4⅛s series GG Jan 1-July 1 1963-72	99⅞ to	96½
3¾s series HH Apr 1-Oct 1 1963-72	99¾ to	93½
4¼s ser II Jun 1-Dec 1 1963-72	100⅛ to	97¼
Peoria & Eastern Ry—		
2⅞s of 1950 Nov 15 1963-65	99 to	96⅛
Pittsburgh & Lake Erie RR—		
3s (2nd 1951) Nov 15 1963-66	99⅜ to	96¾
2¾s of 1952 Apr 15 1964-67	98⅝ to	95⅛
3s (2nd 1952) Aug 1 1963-67	99½ to	96
3¼s of 1953 Sep 1 1963-68	99⅝ to	96
3⅞s of 1956 Nov 15 1963-71	100⅛ to	97¾
3¾s of 1957 Feb 15 1964-72	99⅞ to	96¾
3⅝s (2nd 1957) Apr 15 1964-72	99⅝ to	95¾
4¼s (3rd 1957) Aug 15 1963-72	100¼ to	100½
4¼s (4th 1957) Nov 1 1963-72	100⅜ to	100½
3½s of 1958 Feb 1 1964-73	99⅝ to	94
3s (2nd 1958) May 15 1964-73	99 to	89¾
4s (3rd 1958) Oct 15 1963-73	100¼ to	98
4¼s of 1959 May 1 1964-74	100⅝ to	100⅛
4⅝s (2nd 1959) Sep 15 1963-74	100½ to	103⅜
4s of 1960 Oct 1 1963-75	100¼ to	97⅞
Reading Co—		
2⅛s series R Apr 15-Oct 15 1963-65	98¾ to	94⅛
2¼s series S Jun 15-Dec 15 1963-65	98½ to	94⅛
2⅞s series T Apr 15-Oct 15 1963-67	99⅛ to	91⅝
3½s series U Jun 1-Dec 1 1963-68	99⅜ to	92⅜
3½s series V Apr 1-Oct 1 1963-68	99½ to	92⅝
2⅞s series W Feb 1-Aug 1 1963-70	99⅜ to	86½
3¼s series X Apr 1-Oct 1 1963-70	99⅜ to	88½
3⅝s series Y (1st instal) May 15-Nov 15 1963-71	99½ to	89⅞
4s series Y (2nd instal) May 15-Nov 15 1963-71	99¾ to	92⅛
4⅛s series Z (1st instal) Jan 1-July 1 1963-72	99¾ to	92⅝
4¼s series Z (2nd instal) Jan 1-July 1 1963-72	99¾ to	93½
St. Louis Brownsville & Mex Ry—		
2⅜s series CC Aug 15 1963-64	99 to	97⅝
2⅜s series DD Apr 1 1964-65	98 to	96½
2¾s series FF Mar 15 1964-69	98½ to	91⅝

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St Louis-San Francisco Ry—		
2⅝s series B Aug 15 1963	99⅛	--
2½s series C Nov 1 1963	98¾	--
2½s series D Mar 15 1964	98¼	--
2¼s series E Dec 1 1963-64	98½ to	97
2¼s series F May 1 1964-65	97¾ to	96
2⅜s series H Dec 1 1963-65	98⅝ to	95½
2⅞s series I Aug 1 1963-66	99¼ to	96
3⅛s series J Dec 15 1963-66	99¼ to	96½
2⅞s series K Dec 1 1963-67	99 to	94¼
3⅜s series L Jun 1 1964-68	99¾ to	95¾
3s series M Jan 1 1964-69	99 to	93⅛
Seaboard Air Line Ry—		
2⅝s series D Sept 1 1963	99¼	--
2½s series E Jan 1 1964	98⅝	--
2⅜s series F June 1 1964	98	--
2⅛s series G Apr 1 1964-65	98 to	96⅜
2⅜s series H Sept 1 1963-65	99⅛ to	96½
2½s series I Feb 1 1964-66	98½ to	96
2¾s series J Apr 1-Oct 1 1963-66	99⅜ to	96¼
3s series K May 15-Nov 15 1963-66	99½ to	97
2⅞s series L and M Jun 1-Dec 1 1963-67	99⅜ to	95⅝
3s series N May 15-Nov 15 1963-68	99½ to	94¾
2⅝s series O Jun 1-Dec 1 1963-69	99¼ to	91½
3s series P Nov 1 1963-70	99⅜ to	92⅜
2⅞s series P (2d) Nov 1 1963-70	99¼ to	91⅝
3¾s series Q (1st instal) Oct 1 1963-71	100 to	96¾
4s series Q (2nd instal) Oct 1 1963-71	100⅛ to	98⅝
4¼s series R (1st & 2nd instal) Aug 1 1963-72	100⅛ to	100⅜
3⅜s series R (3rd & final) Aug 1 1963-72	99¾ to	93⅝
4½s series S 1st & 2nd instal Jun 1 1964-74	101 to	102⅜
4⅝s series T May 1 1964-75	101 to	103⅝
4⅛s series U Aug 1 1963-75	100⅛ to	99
4s series V Feb 1 1964-77	100⅜ to	100⅛
4s series V (2nd part) Feb 1 1964-77	100⅛ to	99¾
3⅞s series W Feb 1 1964-78	100½ to	95½
4s series W (2nd part) Feb 1 1964-78	100½ to	97¾
Southern Pacific Co—		
2⅜s series AA Apr 1 1964	98¼	--
2⅜s series BB July 1 1963-64	99¼ to	98
2⅛s series CC Nov 1 1963-64	98¾ to	97⅛
2⅛s series DD Jan 1 1964-65	98¼ to	96¾
2⅞s series EE Apr 1 1964-66	98⅞ to	96⅞
3⅛s series FF July 1 1963-66	99½ to	97½
2¾s series GG Sep 1 1963-66	99¼ to	96⅛
3⅝s series JJ July 1 1963-68	99⅞ to	97⅞
3⅜s series KK Sep 1 1963-68	99¾ to	96½
3s series LL Nov 1 1963-68	99⅜ to	94½
2¾s series MM Jan 1 1964-69	98⅞ to	92⅞
2⅝s series NN Apr 1 1964-69	98½ to	92
2⅝s series OO Sep 1 1963-69	99¼ to	91½
2¾s series PP Dec 1 1963-69	99⅛ to	92
2⅞s series QQ Mar 1 1964-70	98⅞ to	92⅛
3⅛s series RR Sep 1 1963-70	99½ to	93⅜
3¼s series SS Jan 1 1964-71	99⅜ to	93⅝
3½s series TT May 1 1964-71	99⅝ to	95⅛
3⅝s series UU Aug 1 1963-71	99⅞ to	96
4s series VV Nov 1 1963-71	100¼ to	98⅝
4¼s series WW Jan 1 1964-72	100⅞ to	100⅜
4½s series XX Jun 1 1964-72	101 to	102¼
4½s series YY Aug 1 1963-72	100⅜ to	102½
4½s series ZZ Oct 1 1963-72	100½ to	102½
3½s series No 1 Dec 1 1963-72	99¾ to	94½
3¼s series No 2 Mar 1 1964-74	99¼ to	92
4⅛s series No 3 Feb 1 1964-74	100¼ to	99
4¼s series No 4 Mar 1 1964-74	100½ to	100⅛
4⅝s series No 5 Jun 1 1964-74	101⅛ to	103⅜
4¾s series No 6 Aug 1 1963-74	100½ to	104⅝
4⅞s series No 7 Nov 1 1963-74	101 to	106
4¾s series No 8 Feb 1 1964-75	101 to	104¾
4¼s series No 9 Jun 1 1964-75	100⅝ to	100¼
4⅛s series No 10 Aug 1 1963-75	100⅛ to	99
4¼s series No 11 Feb 1 1964-76	100⅜ to	100¼
4s series No 12 Mar 1 1964-76	100¼ to	97⅞
4¼s series No 13 Jun 1 1964-76	100⅝ to	100¼
4⅞s series No 14 Dec 1 1963-76	100½ to	100¼
4⅜s series No 15 Feb 1 1964-77	100½ to	101¼
4s series No 16 Mar 1 1964-77	100¼ to	97¾
4s series No 17 Jun 1 1964-74	100¼ to	97¾
3⅞s series No 18 Sep 1 1963-77	100⅛ to	96½
3⅞s series No 19 Jan 1 1964-78	100⅜ to	95
4s series No 20 Mar 1 1964-78	100⅝ to	97¾
Southern Ry—		
2⅜s series QQ April 1-Oct 1 1963-64	99¼ to	98
2½s series RR Jun 15-Dec 15 1963-64	99⅛ to	97⅞
2⅞s series SS Mar 15-Sept 15 1963-67	99½ to	95⅝
3s series TT Feb 1-Aug 1 1963-68	99⅝ to	95
4⅛s series UU (1st instal) Jan 15-July 15 1963-67	100 to	100⅝
3¾s series UU (2nd instal) Jan 15-July 15 1963-67	99⅞ to	99⅛
4¼s series VV (1st instal) Apr 15-Oct 15 1963-76	100¼ to	100⅛
4⅛s series WW (2nd instal) April 15-Oct 15 1963-76	100⅛ to	99
4s series WW Apr 16-Oct 16 1963-77	100⅛ to	97¾
4¼s series YY Jan 2-July 2 1963-77	100 to	100¼
4⅛s series YY (2nd instal) Jan 2-July 2 1963-77	99⅞ to	99
4s series ZZ (1st inst) Feb 15-Aug 15 1963-1978	100⅜ to	98⅜
4s series ZZ (2nd instal)— Feb 15-Aug 15 1963-1978	100⅜ to	98⅜

	Dec. 31, 1962 Bid Price	
Spokane Portland & Seattle Ry—		
2⅜s of 1949 Apr 1 1964	98¼	--
3¾s of 1957 Apr 1-Oct 1 '63-72	99⅞ to	96⅝
Texas & Pacific Ry—		
2⅛s series P Jan 1 1964-65	98¼ to	96¾
3s series R Jan 1 1964-66	99⅛ to	97½
3s series S April 1 1964-68	99 to	95
3⅞s series T Apr 1 1964-69	100⅛ to	98¾
4½s series U May 1 1964-75	100⅞ to	102¼
Virginian Ry—		
2⅝s series B July 1 1963-67	99⅜ to	94½
2⅞s series C Feb 1 1964-68	99 to	94⅜
2¾s series D Feb 1 1964-69	98⅞ to	92¾
3¾s series E Oct 1 1963-71	100 to	96⅞
3¾s series F (1st instal) April 15 1964-72	99⅞ to	96¾
Wabash Ry—		
2¼s (1st B) Mar 1 1964	98	--
2s (2nd B) Mar 1 1964	97¾	--
1⅞s (3rd pt) Mar 1 1964	97⅝	--
2⅛s (1st C) Jun 1 1964-65	97½ to	95¾
2⅜s (2nd C) Jun 1 1964-65	97⅞ to	96¼
2¾s series D Jan 1-Jul 1 1963-68	99½ to	93
3⅛s series E Sept 1 1963-68	99⅞ to	94⅜
2¾s series F May 1 1964-70	98½ to	90⅜
3s series G April 1 1964-71	98⅞ to	90¾
4s series H (1st instal) Jan 15 1964-72	100 to	97½
4½s series H (2nd instal) Jan 15 1964-72	100½ to	101¼
4¼s series I Oct 1 1963-72	100⅛ to	99½
4⅞s series J Sept 1 1963-74	100½ to	104½
Western Maryland Ry—		
2¼s series N Mar 15 1964-65	98⅛ to	96⅜
2⅜s series O Oct 31 1963-65	98⅞ to	96⅛
3s series P July 1 1963-66	99½ to	97⅛
3⅜s series Q Jun 15 1963-68	99¾ to	96⅝
3s series R Dec 15 1963-68	99⅜ to	94½
3⅜s series S Jun 1 1964-71	99⅜ to	94¼
3⅞s series T Oct 1 1963-71	100 to	97¾
3¾s series U May 1 1964-72	99⅞ to	96⅝
4½s series V July 15 1963-75	100¼ to	102⅜
Wisconsin Central Ry—		
4s series D Jun 1 Dec 1 1963-68	99⅞ to	97¾
4⅞s series E Apr 1-Oct 1 1963-72	100¼ to	101¾
4¾s series F Apr 1 Oct 1 1963-73	100¼ to	100⅞

OVER-THE-COUNTER RAILROAD STOCKS Values as of May 31, 1963	Par	Bid	Ask
Akron Canton & Youngstown	*	39	41
Alabama Great Southern—			
Ordinary	50	88	92
6% participating preferred	50	88	92
Albany & Vermont gtd	100	44	48
Atlanta & West Point	100	55	60
Certificates or participating		1½	3½
Baltimore & Cumberland Valley RR Extension Co guaranteed	50	54	58
Bessemer and Lake Erie RR—			
$1.50 preferred	50	36	--
$3 preferred	50	71	--
Boston & Albany (gtd N Y C)	100	138	144
Central RR Co of N J	50	20½	22½
Chicago Burlington & Quincy	100	150	154
Cincinnati Inter-Terminal—			
4% preferred gtd	100	78	--
Cinc New Orl & Texas Pacific—			
Common	20	96	99
5% preferred	100	96	--
Clearfield & Mahoning gtd	50	48	52
Cleve Cinc Chicago & St Louis—			
Common gtd	100	150	158
5% non-cum preferred gtd	100	75	80
Colorado & Southern common	100	19	22
Consol Rys of Cuba 6% pfd	100	3	3⅜
Cuba RR 6% non-cum pfd	100	1⅞	2¼
Dayton & Michigan common gtd	50	27	30
8% preferred gtd	50	67	71
Delaware & Bound Brook gtd	25	32	34
Delaware (gtd Penn)	25	36	38
Detroit Manufacturers gtd	100	60	--
Dover & Rockaway gtd	100	67	73
East Pennsylvania gtd	50	48	53
Elmira & Williamsport com gtd	50	n34	37
Preferred gtd	50	53	56
Erie & Kalamazoo gtd	50	41	44
First RR & Banking	1	16	17
Ft Dodge Des Moines & Sth Ry	10	4¼	4⅝
Fort Wayne & Jackson RR—			
5½% preferred gtd	100	84	88
Genesee & Wyoming	100	190	210
Green Bay & Western	100	74	78
Hudson & Manhattan RR Co—			
Class B	10	39½	43½

*No par value. a Called for redemption, see page 94. f Flat price. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend. y Ex-stock dividend.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

Stocks—	Par	Bid	Ask
Kalamazoo Allegan & Grand Rapids RR	100	84	88
Kan Okla & Gulf Ry 6% pfd A	100	80	90
Lake Superior & Ishpeming	20	35	--
Little Miami original gtd	50	71	74
Special gtd betterment stock	50	36	38
Louisville Henderson & St Louis—			
5% non-cumulative preferred	100	95	100
Mahoning Coal RR common	50	550	580
5% pfd (gtd N Y Central)	50	45	50
Maine Central common	100	36	39
5% preferred	100	91	--
Massawippi Valley gtd	100	100	103
Michigan Central gtd	100	650	750
Mississippi Central	100	7	8
Missouri Pacific RR Co—			
Reorganization Issues—			
Class B	*	640	670
Mobile & Birmingham—			
4% non-cum preferred gtd	100	75	80
Nashville & Decatur—			
Original (gtd L & N)	25	34	36
Unstamped (gtd L & N)	25	34	36
N Y Susquehanna & Western—			
Common vtc	*	28	--
5% preferred	100	24	--
North Carolina (gtd Sou RR)	100	138	144
Northern RR of N H gtd	100	76	80
Norwich & Worcester pfd gtd	100	30	35
Ontario & Quebec gtd	100	100	104
Peoria & Bureau Valley gtd	100	90	--
Philadelphia Germantown & Norristown RR gtd	50	90	94
Phila & Trenton (gtd Pa RR)	100	180	190
Piedmont & Northern	100	121	--
Pittsburgh Fort Wayne & Chicago common gtd	100	125	135
Pittsfield & North Adams gtd	100	65	70
Providence & Worcester gtd	100	45	55
Richmond Fredericksburg & Potomac RR common	25	109	--
Dividend obligations	25	109	--
6% guaranteed	25	109	--
7% guaranteed	25	109	--
Roch & Genesee Valley RR gtd	100	50	60
Rutland & Whitehall gtd	100	53	57
St Louis Southwestern Ry com	100	700	--
5% non-cum preferred	100	137	--
Saratoga & Schenectady gtd	100	93	98
Stony Brook gtd	100	65	68
Tennessee Ala & Georgia vtc	5	18	20
Tennessee Central Ry common	5	26	29
7% convertible preferred	100	68	72
Texas & Pacific Ry	100	91	95
Troy & Gr'bush (gtd N Y Cent)	50	43	46
Vermont & Mass gtd	100	76	80
Wabash RR common	*	75	--
Ware River RR	100	105	110
West Jersey & Seashore gtd	50	48	51
Western Maryland RR—			
7% 1st preferred	40	50	60
5% 1st preferred	12	8	10
Western Ry of Alabama	100	65	70

EXCHANGE SEATS

NOTE: The last sale published below does not necessarily indicate that the transaction has been consummated.

	No.	*Last Sale* $	*Bid* $	*Ask* $
Amer Stock Exchange	‡499	57,000	50,500	57,000
N Y Cocoa Exchange	183	9,500	9,000	10,000
Commodity Exchange	408	2,325	1,700	2,200
N Y Coffee Sug Ex	337	5,000	3.200	4.850
N Y Cotton Exchange	450	800	750	1,000
N Y Mercantile Exch	401	2,800	2,500	2,900
N Y Produce Exch	545	800	700	950
N Y Stock Exchange	1,366	200,000	183,000	204 000
Boston Stock Exch	95	1,200	1,500	2,250
Canadian Stock Exch	96	r9,900	----	10,000
Chicago Bd of Trade	1,402	8,900	----	8,900
Chicago Merc Exch	500	4,100	3,600	4,000
Cincinnati Stock Exch				
Regular membership	12	8,000	----	----
Limited membership	11	1,000	----	----
Detroit Stock Exch	54	3,750	----	4,100
Kans City (Bd of Tr)	211	5,000	----	----
Memphis Cotton Exch	175	4,500	----	----
Midwest Stock Exch	400	11,000	----	11,500
Minn Grain Exchange	464	25	----	----
Montreal Stock Exch	79	r40,000	----	45,000
New Orl Cotton Exch	480	900	950	1,200
Pacific Coast Stk Exc				
Los Angeles division	80	6,000	8,000	10,000
San Fran division	80	6,000	----	6,000
Phila-Balt-Wash—				
Stock Exchange	202	6,000	8,000	9,000
Pittsburgh Stock Ex	59	300	300	300
Salt Lake Stock Exch	41	----	----	----
Spokane Stock Exch	113	----	250	500
Toronto Stock Exch	113	r101,000	90,000	100 000
Winnipeg Grain Exch	436	r400	----	400

*No par value. ‡506 regular members and 386 associate members. a Called for redemption, see page 94. b Basis. f Flat price. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend. y Ex-stock dividend.

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Public Utilities

(Includes street and electric railways, gas, electric power, water, telegraph, telephone and bridge companies)

QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

NOTICE—All bond prices are "and interest" except where marked "f" and income and defaulted bonds

Bonds—	Bid	Ask
OVER-THE-COUNTER PUBLIC UTILITY BONDS		
Alabama Gas 3⅛s ser A 1971—A-O	91½	--
1st mtge 3½s ser C 1971—A-O	94½	--
Alabama Power Co—		
1st mtge 3¼s 1977—A-O	88½	--
1st mtge 3⅜s 1978—J-D	89½	--
1st mtge 3¼s 1981—M-S	86¼	--
1st mtge 3⅜s 1982—A-O	87½	--
1st mtge 4⅛s 1983—M-N	97	--
1st mtge 3½s 1985—J-D	87¾	--
1st mtge 3½s 1986—M-S	87½	--
1st mtge 4⅝s 1987—M-N	103	--
1st mtge 3⅞s 1988—J-J	92½	--
1st mtge 4⅞s 1989—M-N	104	--
1st mtge 5s 1990—A-O	104½	--
1st mtge 4½s 1991—M-S	101¾	--
1st mtge 4⅜s 1992—J-D	100¼	--
1st mtge 4⅜s 1993—M-N	100	--
Albia Light & Ry 4s 1971—J-J	73	--
American Gas Co units	24¼	25
American Gas & Elec 3⅜s '77—J-D	89¼	--
American Telephone & Teleg—		
2¾s debentures 1970—J-D	90¾	--
32 year 4¾s debs 1992—M-N	105⅝	106⅛
37 year 4¾s debs 1998—J-D	105¾	--
32 year 4⅝s debs 1994—F-A	104¼	--
34 year 4⅜s debs 1996—A-O	100¾	--
36-year 4⅜s debentures 1999—M-N	100¾	--
Appalachian Electric Power—		
1st mtge 3⅛s 1977—J-D	87¾	--
1st mtge 2⅞s 1980—M-S	82¾	--
1st mtge 3¾s 1981—J-D	94	--
1st mtge 3½s 1982—A-O	89	--
1st mtge 3½s 1983—J-D	88¾	--
1st mtge 4⅝s 1987—M-S	103	--
Appalachian Power Co—		
1st mtge 4s 1988—M-N	95¼	--
1st mtge 4⅜s 1992—A-O	100¼	--
Debentures 4⅝s 1992—A-O	102¾	--
Arkansas Louisiana Gas Co—		
1st mtge 5⅛s 1979—J-D	104	--
1st mtge 4⅜s 1983—A-O	100	--
Arkansas Power & Light—		
1st mtge 3⅛s 1974—A-O	89	--
1st mtge 2⅞s 1977—J-J	85	--
1st mtge 3⅛s 1978—F-A	86½	--
1st mtge 2⅞s 1979—A-O	82½	--
1st mtge 2⅞s 1980—J-D	82	--
1st mtge 3⅝s 1981—A-O	90¾	--
1st mtge 3½s 1982—M-S	89	--
1st mtge 3¼s 1984—F-A	84½	--
1st mtge 3⅜s 1985—A-O	86	--
3⅜s s f debentures 1974—M-S	91	--
1st mtge 4⅞s 1991—M-N	100	--
1st mtge 4⅜s 1993—F-A	99¾	--
Associated Telephone Co Ltd—		
1st 3⅛s series D 1977—M-N	87	--
1st 2⅞s series F 1979—M-N	82½	--
1st mtge 3⅝s series G 1981—A-O	90¼	--
1st mtge 3¾s series H 1982—A-O	92¼	--
Atlanta Gas Light Co 3s 1963—M-S	100	--
1st mtge 4s 1981—J-J	96½	--
1st mtge 4⅜s 1988—M-S	99⅝	--
4¾s debentures 1982—F-A	103	--
Atlantic City El 2⅞s ser A '80—M-N	82½	--
1st mtge 3s 1984—M-S	82¾	--
1st mtge 3¼s 1985—M-S	85½	--
1s tmtge 4½s 1987—J-J	102	--
1st mtge 3⅞s 1988—A-O	93¼	--
1st mtge 4½s 1991—M-S	102	--
1st mtge 4½s 1992—J-J	102	--
1st mtge 4⅜s 1993—M-S	100	--
Baltimore Gas & Electric Co—		
1st & ref mtge 4⅞s 1980—J-D	105	--
4⅞s s f debentures 1986—J-D	105	--
1st & ref mtge 4⅜s 1992—J-J	101	--
Baltimore Transit Co—		
Debs 4s series A 1975—J-J	f98½	--
Debs 5s series A 1975—J-J	f99	--
Bell Telephone of Canada—		
3s series E 1977—M-S	74	76
3¼s series F 1973—F-A	80	81
4½s series J 1967—J-D	97½	98¼
3¾s series K 1979—M-N	83½	84¼
4s series L 1970—J-D	92½	93½
4s series M 1981—J-D	84½	85½
6¼s series R Jan 2 1978	98¾	99¾
6s series U Jan 2 1986	98¼	99¼
Bell Telep Co of Pennsylvania—		
3s debentures 1974—A-O	89	--
3¼s debentures 1996—M-S	82	--
3¾s debentures 1989—F-A	91¾	--
4¾s debentures 2001—M-N	105½	--
4⅜s debentures 2003—F-A	101	--
Birmingham Elec Co 3s 1974—F-A	88	--
Blackstone Val G & E 3s '73—M-N	88¼	--
1st mtge & coll tr 4⅛s 1983—M-S	97½	--
Boston Edison Co—		
1st mtge 2¾s ser B 1980—A-O	81¼	--
1st mtge 3⅛s ser D 1982—J-J	85¼	--
1st mtge 3s ser E 1984—F-A	82¾	--
1st mtge 4⅝s ser F 1987—J-D	104¼	--
1st mtge 4¼s ser H 1992—J-D	99½	--
Brazilian Traction Light & Power		
4½s 1971—M-S	66	71
British Columbia Electric Co Ltd—		
3¼s series A 1967—J-J	92	93½
3¼s series B 1967—A-O	89½	90½
3¾s series C 1968—A-O	93½	94½
3¾s series D 1969—F-A	90½	91½
4¼s series K 1981—F-A	86½	87½
5s series L 1982—F-A	93	94
5⅛s series M 1988—J-J	95¼	96¼
5½s series N 1989—M-S	97½	98½
5¾s series A 1977—A-O	101½	102½

Bonds—	Bid	Ask
Brockton Edison Co—		
1st M & coll tr 3s 1978—M-S	85¾	--
1st M & coll tr 3⅜s 1985—J-D	87	--
1st M & coll tr 4⅝s 1987—M-S	103¾	--
1st M & coll tr 5¼s 1989—A-O	106	--
California Electric Power—		
1st mtge 3s 1978—J-D	85½	--
1st mtge 2⅞s 1980—J-D	82½	--
1st mtge 3¼s 1984—M-N	85¼	--
1st mtge 3⅝s 1985—M-S	89¼	--
1st mtge 4½s 1986—A-O	101⅛	--
1st mtge 4⅝s 1987—A-O	103	--
1st mtge 4½s 1988—M-S	101½	--
1st mtge 5⅛s 1990—M-N	105¼	--
1st mtge 5s 1991—J-J	104¾	--
California-Pacific Utilities—		
1st 3¼s series B 1971—F-A	93	--
California Water Service—		
1st mtge 3¼s ser C 1975—M-N	89	--
Cambridge Electric Light Co—		
2⅞s notes series A 1974—A-O	86½	--
3⅞s notes series B 1988—J-J	93¼	--
Canada Electric Co Ltd—		
1st s f 3½s series A 1967—F-A	91½	--
1st 4s series B 1968—F-A	91¼	--
Gen s f 4½s series B 1972—M-N	89½	--
Carolina Pwr & Light 2⅞s '81—F-A	82	--
1st mtge 3½s 1982—A-O	88¾	--
1st mtge 4⅛s 1988—M-S	97⅜	--
1st mtge 4½s 1991—M-N	102	--
1st mtge 4⅞s 1990—A-O	104¼	--
Cascade Natural Gas Corp—		
5½s subord debs 1983—M-N	107	--
Central Electric & Gas Co—		
4¾s conv subord debs 1973—M-N	188	--
5s conv subord debs 1975—J-J	164	--
Central Hudson Gas & El Corp—		
1st mtge 4⅛s 1988—M-N	97	--
Central Illinois Elec & Gas Co—		
1st mtge 3s 1975—F-A	88	--
1st mtge 3⅜s 1985—J-D	86¾	--
1st mtge 5s 1990—J-J	105½	--
Central Illinois Light Co—		
1st mtge 2⅝s 1979—J-D	80¼	--
1st mtge 4⅝s 1987—J-J	104	--
1st mtge 4s 1988—J-J	96½	--
4⅞s 1st mtge 1990—M-S	105	--
1st mtge 4¼s 1993—M-S	99½	--
Central Illinois Public Service—		
1st mtge 3⅜s series A 1971—A-O	94½	--
1st mtge 3⅜s series B 1977—M-S	89¼	--
1st mtge 3⅛s series C 1979—J-J	85¾	--
1st mtge 3⅜s series D 1982—F-A	88	--
1st mtge 3½s series E 1982—M-S	88½	--
1st mtge 3¼s series F 1984—J-D	85¼	--
1st mtge 4⅛s series G 1988—F-A	97½	--
1st mtge 4¾s series H 1989—J-J	104¾	--
1st mtge 4½s series I 1993—M-N	102⅝	--
2⅞s s f debs 1970—J-D	91	--
Central Indiana Gas 2⅞s 1971—M-N	89½	--
Central Louisiana Electric Co—		
1st mtge 5⅛s series I 1989—A-O	104	--
Central Maine Power Co—		
1st & gen mtge bonds—		
3½s series L 1970—A-O	94¾	--
3½s series M 1972—M-S	94	--
2¾s series N 1976—M-N	84⅜	--
3⅛s series Q 1978—J-D	86¼	--
3s series R 1979—M-S	84½	--
2⅞s series S 1979—M-N	83	--
3⅝s series T 1981—M-N	91¼	--
3⅝s series U 1983—M-S	89⅞	--
3⅜s series V 1985—A-O	86¾	--
4⅞s series W 1987—M-N	104½	--
5¼s series X 1990—M-N	107	--
Central Power & Light Co—		
1st mtge 3⅛s series A 1973—M-N	89¼	--
1st mtge 3¼s series B 1977—A-O	88¼	--
1st mtge 3s series C 1980—M-N	84	--
1st mtge 3½s series D 1982—M-S	88¾	--
1st mtge 3⅛s series F 1984—A-O	83¾	--
1st mtge 3¼s series G 1986—F-A	85	--
1st mtge 4s series H 1988—F-A	95⅜	--
1st mtge 4¾s series I 1989—A-O	104½	--
S f debs 2⅞s 1974—J-D	87	--
Central Telephone Co—		
5½s conv subord debs 1972—J-J	a225	--
Cent Vermont Public Serv Corp—		
1st mtge 2¾s series D 1975—F-A	85	--
1st mtge 2⅞s series F 1980—M-N	82¼	--
1st mtge 3½s series G 1981—F-A	88½	--
1st mtge 3⅜s series H 1982—M-N	87½	--
1st mtge 3¼s series K 1984—J-D	84¾	--
Charleston Cons Ry Gas & Elec—		
Consol gold 5s 1999—M-S	102	--
Ches & Potomac Telep Co		
of Balt City 3¼s debs 1995—F-A	82⅛	--
4⅛s debentures 1993—J-D	97¾	--
4⅜s debentures 2002—J-J	101	--
Ches & Potomac Telep Co		
(Wash D C)—		
4⅜s debentures 1998—F-A	101	--
Ches & Potomac Tele Co of W Va—		
5s debentures 2000—M-S	105½	--
Chesapeake Utilities Corp—		
6s debentures 1983—J-J	93	--
Cincinnati Gas & Electric—		
1st mtge 5s 1990—M-N	106	--
1st mtge 4⅜s 1992—J-D	100¾	--

Bonds—	Bid	Ask
Cincinnati & Suburban Bell Telep—		
4½s debentures 1993—A-O	101¾	--
4⅜s debentures 2002—F-A	101	--
Cincinnati Transit Co—		
4½s cum inc debs March 1998	77	80
Citizens Utilities Co 3½s 1972—M-S	93¾	--
Cleveland Electric Illuminating—		
All bonds listed NYSE		
Colorado Interstate Gas Co—		
1st mtge pipe line 3.35s 1974	90	--
1st mtge pipe line 4.70s 1979—M-S	102¾	--
Columbia Gas System Inc—		
5⅛s debentures 1986—J-D	104½	--
4½s debentures 1987—J-D	101½	--
4⅝s debentures 1987—F-A	103	--
4⅜s debentures 1987—M-N	100	--
4⅜s debentures 1988—J-J	100	--
All other issues listed NYSE		
Columbus & South Ohio Electric—		
1st mtge 3¼s 1981—M-S	87	--
1st mtge 3¼s 1984—A-O	85¾	--
1st mtge 4⅛s 1988—J-J	97¾	--
1st mtge 4⅜s 1992—M-N	100¾	--
Commonwealth Edison Co—		
1st mtge 3¼s series O 1982—J-J	86½	--
1st mtge 3s series Q 1984—M-N	82¼	--
1st mtge 3½s series R 1986—J-D	88⅞	--
1 tsmtge 4¼s series S 1987—M-S	99	--
1st mtge 3¾s series T 1988—M-S	91⅝	--
1st mtge 4⅝s series U 1990—M-S	103½	--
3⅛s s f debentures 2004—A-O	78	--
3⅞s s f debentures 2008—J-J	92	--
4⅝s s f debentures 2009—J-J	103½	--
4¾s s f debentures 2011—J-D	104½	--
Community Public Service Co—		
5⅜s series E 1987—J-D	104¾	--
1st mtge 5¼s series F 1991—J-D	104½	--
4⅜s s f debentures 1978—J-D	98	--
Connecticut Light & Power—		
1st & ref M 3s ser I 1974—M-S	88¼	--
1st & ref M 3⅞s ser O 1988—J-J	93½	--
1st & ref 4⅞s ser P 1990—F-A	105	--
Consolidated Edison Co of N Y—		
1st & ref 4⅜s ser X 1992—J-D		
All other bonds listed NYSE		
Consolidated Natural Gas Co—		
4⅜s 1988 (now listed NYSE)	100¾	--
All bonds listed NYSE		
Consumers Power Co—		
1st mtge 2⅞s 1977—M-S	85½	--
1st mtge 3⅛s 1981—A-O	85½	--
1st mtge 3¼s 1987—A-O	84½	--
1st mtge 3s 1984—J-D	82¾	--
1st mtge 3¼s 1990—F-A	82¼	--
1st mtge 4s 1986—F-A	97	--
Copenhagen Telephone Co—		
5⅜s 1978 (now listed NYSE)		
Dallas Power & Light—		
3⅛s s f debs 1973—A-O	90½	--
1st mtge 2⅞s 1979—A-O	83¼	--
1st mtge 3½s 1983—M-S	88¾	--
3¼s s f debentures 1980—F-A	87	--
1st mtge 3⅛s 1986—F-A	83	--
1st mtge 4¼s 1986—J-D	99½	--
1st mtge 4¼s 1993—F-A	99½	--
Dayton Power & Light Co—		
All bonds listed NYSE		
Delaware Power & Light Co—		
All bonds listed NYSE		
Des Moines Transit Co—		
Income 5s series A 1974	f26½	28½
Detroit Edison Co—		
All bonds listed NYSE		
Diamond State Telephone Co—		
4¾s debentures 1994—A-O	105	--
Duke Power Co 2⅞s 1979—F-A	82¼	--
1st & ref mtge 3¼s 1981—A-O	87	--
1st & ref mtge 3s 1975—J-J	88¼	--
1st & ref 3⅝s 1986—M-N	90¾	--
4⅞s s f debentures 1982—M-S	104½	--
1st & ref M 4½s 1992—F-A	100¾	104½
1st & ref M 4¼s ser B 1992—F-A	99½	--
Duquesne Light Co—		
All bonds listed NYSE		
East Kootenay Power Co—		
3¾s series A 1967—M-N	95	--
East Tennessee Natural Gas—		
5s conv debentures 1968—M-N	105	--
Eastern Lt & Pow 4s A 1965—J-J	96¾	--
Eastern Utilities Associates—		
Coll trust 3⅝s 1979—J-D	93	--
Elizabethtown Water Co—		
4⅞s debentures 1992—F-A	104¼	--
El Paso Electric Co 2¾s 1976—A-O	84¾	--
1st mtge 3⅛s 1984—M-S	83¾	--
1st mtge 4¼s 1988—J-J	98½	--
4½s s f debentures 1978—J-J	102½	--
1st mtge 4⅝s 1992—F-A	103	--
El Paso Natural Gas Co—		
5¼s conv debs 1977—M-S	106½	108½
Emp Dist Electric Co 3½s 1969—M-S	95	--
Equitable Gas Co 3¼s 1973—J-J	91¼	--
3⅜s s f debs 1970—M-S	93	--
Fall River El Lt 3¾s 1983—J-J	92¾	--
1st mtge & coll tr 4⅜s 1988—A-O	100¾	--
Florida Power Corp 3⅜s 1974—J-J	91	--
1st mtge 3¼s 1978—M-N	87¾	--
1st mtge 3⅜s 1982—M-N	88	--
1st mtge 3⅛s 1984—J-J	83¾	--
1st mtge 3⅞s 1986—J-J	93¾	--
1st mtge 4⅛s 1988—J-J	97¾	--
1st mtge 4¾s 1990—A-O	105¼	--
1st mtge 4¼s 1992—M-N	99¼	--

a Called for redemption, see page 94. b Basis. e Ex-interest. f Flat price. k Last sale. n Nominal. r Canadian dollar value.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

NOTICE—All bond prices are "and interest" except where marked "f" and income and defaulted bonds

Bonds—		Bid	Ask
Florida Power & Light Co—			
1st mtge 3½s 1974	J-J	93¼	--
3¼s s f debs 1972	J-J	92¼	--
1st mtge 3⅞s 1983	A-O	94	--
1st mtge 3⅛s 1984	M-N	83¾	--
1st mtge 4⅜s 1986	J-D	100¾	--
1st mtge 4⅛s 1988	A-O	98	--
1st mtge 5s 1989	J-D	--	105
1st mtge 4½s 1992	F-A	102	102¾
Florida Water & Utilities Co—			
5½s conv subord debs 1982	F-A	98	102
Fort Worth Transit 4½s 1973	J-J	88	93
Gatineau Power Co—			
1st mtge 3s series C 1970	J-D	89	91
3¼s series D 1970	J-D	83	85
General Telephone & Electronics—			
4⅞s s f debentures 1987		104½	--
4½s s f debs 1988	M-S	101	--
General Telephone Co of Calif—			
4½s series J 1986	M-S	101½	--
1st mtge 5s series K 1987	J-D	105	--
1st mtge 4⅛s series L 1988	M-S	97½	--
1st mtge 5s series M 1989	J-D	105	--
1st mtge 4⅝s series N 1991	J-D	103¼	--
1st mtge 4⅜s series O 1993	M-N	99¾	--
General Telephone Co of Florida—			
1st mtge 5s series G 1990	M-S	--	105
1st mtge 4⅝s series H 1991	M-N	104¼	--
Georgia Power Co—			
1st mortgage 3⅜s 1977	J-D	90	--
1st mortgage 2⅞s 1980	A-O	81¾	--
1st mortgage 3½s 1981	J-D	88¼	--
1st mortgage 3⅜s 1982	J-J	87½	--
1st mortgage 3⅛s 1984	A-O	83	--
1st mortgage 3⅜s 1985	M-N	85¾	--
1st mortgage 3⅝s 1986	A-O	89	--
1st mortgage 5¼s 1987	J-D	--	106
1st mortgage 4⅛s 1988	M-S	96½	--
1st mortgage 5¾s 1989	M-S	--	106
1st mortgage 4⅞s 1990	M-N	103¾	--
1st mortgage 4⅝s 1991	A-O	102¾	--
1st mortgage 4⅜s 1992	M-N	99¾	100½
Gulf Power 1st 3⅛s 1971	M-S	91	--
1st mtge 3¼s 1984	J-J	85	--
1st mtge 4s 1988	F-A	94	--
1st mtge 4¾s 1989	A-O	103½	--
1st mtge 5s 1990	J-J	--	105
Gulf States Utilities Co—			
1st mtge 4s 1988	M-N	96½	--
1st mtge 4¾s 1989	J-J	104	--
1st mtge 4⅞s 1990	J-J	104½	--
1st mtge 5¼s series A 1989	J-D	106½	--
4⅝s debentures 1981	A-O	103	--
1st mtge 4⅜s 1992	M-N	100¼	--
Hackensack Water Co—			
3½s s f debs 1985	J-D	87¾	--
Hartford Elec Lgt 3¼s 1971	M-S	92½	--
1st mtge 4⅜s ser E 1988	A-O	100½	--
1st mtge 4¼s 1993	A-O	99½	--
Hawaiian Electric Co Ltd—			
4.70s series J 1987	M-S	102	--
4.65s series L 1991	A-O	101¾	--
Houston Lighting & Power—			
1st mtge 2⅞s 1974	M-N	87⅛	--
1st mtge 3¼s 1986	M-S	85¼	--
1st mtge 4⅞s 1989	F-A	104	--
1st mtge 4½s 1992	F-A	102	--
Idaho Power Co 3¼s 1981	A-O	87	--
1st mtge 4½s 1987	J-J	102	--
4¼s s f debentures 1983	A-O	98⅝	--
1st mtge 4½s 1988	A-O	101½	--
1st mtge 5s 1989	M-N	--	105½
1st mtge 4⅞s 1990	M-N	104½	--
1st mtge 4½s 1991	M-N	101½	--
Illinois Bell Telephone Co—			
1st mtge 3⅛s ser C 1984	A-O	83¾	--
1st mortgage 3¼s ser D 1995	J-J	81¾	--
1st mtge 4¼s ser E 1988	M-S	99½	--
1st mtge 4⅜s ser F 1994	M-S	101¼	--
1st mtge 4⅞s ser G 1997	J-J	106	--
Illinois Power Co—			
1st mtge 2⅞s 1976	M-S	85¾	--
S f debs 2¾s 1966	M-S	96	--
1st mtge 3⅛s 1978	F-A	86¼	--
1st mtge 2⅞s 1979	J-J	83	--
1st mtge 2¾s 1980	A-O	81	--
1st mtge 3½s 1982	M-S	88½	--
1st mtge 3½s 1983	M-N	88¾	--
1st mtge 3¾s 1986	J-J	92¾	--
1st mtge 4s 1988	M-N	96¼	--
1st mtge 4¼s 1993	J-J	99¼	--
Indiana Assoc Tel 3s 1975	M-N	85	--
Indaina Gas & Water Co—			
1st mtge 2⅞s ser A 1980	M-S	82½	--
Indiana & Michigan Electric Co—			
1st mtge 3s 1978	M-S	85½	--
1st mtge 2¾s 1980	J-D	81	--
1st mtge 3¼s 1982	J-J	86½	--
1st mtge 3⅝s 1983	M-S	91	--
1st mtge 3⅛s 1984	A-O	83½	--
1st mtge 3⅞s 1988	F-A	93½	--
1st mtge 4¾s 1988	M-N	104	--
5⅛s s f debentures 1986	J-D	106	--
Indianapolis Power & Light—			
1st mtge 3s 1974	A-O	87¾	--
1st mtge 2⅞s 1979	A-O	82¾	--
1st mtge 3⅝s 1983	M-S	90	--
1st mtge 3⅝s 1986	J-D	89¼	--
1st mtge 4⅛s 1988	M-S	97½	--
1st mtge 4⅝s 1990	A-O	103½	--
Indianapolis Rys 5s 1967	J-J	92	--
Inland Natural Gas—			
5½s series A 1977		91	93
Intermountain Gas Co—			
6s subord debs 1982	J-D	100½	102
5¾s subord debs 1987	A-O	100½	102
Units		70	71½
Interprovincial Pipe Line—			
1st coll trust 3½s 1970	J-J	96½	97½
Interstate Power Co—			
1st mtge 3½s 1982	J-J	87½	--
1st mtge 5s 1987	M-N	105	--
1st mtge 4⅞s 1991	M-N	104¾	--
1st mtge 4⅜s 1993	M-N	99¾	--
Iowa Illinois Gas & Elec Co—			
1st mtge 2¾s 1977	M-S	84	--
1st mtge 2¾s 1979	A-O	82	--
3¼s conv debs 1968	M-S	172	--
1st mtge 5s 1990	A-O	105	--
1st mtge 4⅞s 1991	M-N	105	--
Iowa Power & Light Co—			
1st mtge 3¼s 1973	F-A	91¼	--
1st mtge 3s 1978	F-A	85½	--
1st mtge 2¾s 1979	J-D	82	--
1st mtge 3¼s 1982	M-N	86½	--
1st mtge 3⅜s 1983	J-D	87½	--
1st mtge 3⅝s 1986	J-D	89¾	--
1st mtge 3⅝s 1988	J-J	90	--
1st mtge 4⅝s 1991	J-J	103¼	--
Iowa Public Service Co (Del)—			
1st mtge 2¾s 1976	J-D	84¾	--
1st mtge 3¼s 1978	M-N	87¾	--
1st mtge 2¾s 1975	J-D	84½	--
1stmtge 3½s 1981	J-J	88½	--
1st mtge 3s 1984	M-N	82½	--
1st mtge 4¼s 1988	M-S	98¼	--
Iowa Southern Util 3⅞s 1983	F-A	93¼	--
1st mtge 4⅜s 1992	M-S	100	--
Jacksonville Coach Co 5s 1971	J-J	94	--
Jamaica Water Supply Co—			
1st mtge 2⅞s ser C 1975	M-S	85¾	--
Jersey Central Pow & Lt Corp—			
1st mtge 3¼s 1984	J-D	85¼	--
1st mtge 3½s 1985	M-N	87¾	--
1st mtge 4½s 1986	F-A	97½	--
1st mtge 5s 1987	J-J	105	--
1st mtge 5¼s 1989	J-J	106½	--
1st mtge 5⅜s 1990	J-D	107	--
1st mtge 4⅜s 1992	M-N	100¾	--
Kansas City Power & Light—			
1st mtge 3¼s 1983	J-J	86¼	--
1st mtge 3¼s 1985	F-A	85¼	--
1st mtge 5s 1990	J-J	105	--
Kansas Gas & Electric Co—			
1st mtge 3⅜s 1982	J-D	87½	--
1st mtge 3⅛s 1978	M-S	87	--
1st mtge 3⅝s 1983	A-O	90	--
1ts mtge 3⅜s 1985	M-S	87⅛	--
1st mtge 3⅜s 1986	F-A	86½	--
1st mtge 4⅝s 1991	J-J	103½	--
Kansas-Neb Nat Gas 3⅜s '65	A-O	99½	--
Kansas Pwr & Lt 2⅞s 1979	A-O	83	--
Kentucky-Ohio Gas Co 2s 1973	J-D	f15	--
Kentucky Utilities Co—			
1st mtge 3s ser A 1977	M-N	85¾	--
1st mtge 3¼s ser B 1979	J-J	87	--
1st mtge 2⅞s ser C 1980	J-J	82	--
1st mtge 3½s ser D 1982	J-D	88¼	--
1st mtge 3⅞s ser E 1983	A-O	93	--
1st mtge 3⅜s ser F 1985	A-O	86¼	--
1st mtge 3¾s ser G 1986	A-O	92¼	--
Kentucky & West Va Power Co—			
1st mtge 3s 1979	M-N	83½	--
Kings County Lighting—			
3⅛s 1975	F-A	88¾	--
Laclede Gas Co debs 3⅜s '74	M-S	90	--
1st mtge 3¼s 1979	J-D	87	--
1st mtge 4⅞s 1982	M-N	104¾	--
1st mtge 4⅞s 1985	J-J	104	--
4½s s f debs 1983	F-A	101¼	--
Laclede Gas Light Co—			
1st s f 3½s 1965	F-A	99¼	--
Lake Superior District Power—			
1st mtge 3s ser A 1975	A-O	87¾	--
1st mtge 2¾s ser C 1980	J-J	81	--
1st mtge 3¼s ser D 1981	M-S	86¾	--
1st mtge 3¾s ser E 1983	M-S	92½	--
Long Island Lighting Co—			
1st mtge 3⅜s series E 1982	A-O	87½	--
1st mtge 3½s series F 1983	M-S	88½	--
1st mtge 3¼s series G 1984	J-D	85¾	--
1st mtge 3⅜s series H 1985	M-N	86½	--
1st mtge 4¾s series I 1986	J-D	104	--
1st mtge 4⅛ sseries J 1988	M-N	96	--
1st mtge 5s series L 1991	F-A	105	--
Louisiana Gas Service Co—			
1st mtge 4½s 1987	J-D	100	--
Louisiana Power & Light Co—			
1st mortgage 3s 1974	A-O	88	--
1st mortgage 3⅛s 1978	M-S	87	--
1st mortgage 3s 1980	M-N	83½	--
1st mortgage 3⅛s 1984	A-O	83½	--
1st mortgage 4¾s 1987	J-J	104	--
1st mortgage 5s 1990	A-O	105	--
Louisville Gas & Electric Co—			
All bonds listed NYSE			
Lower St Lawrence Power—			
1st ref 3¾s series B 1965	M-S	95½	--
Madison Gas & El Co 2½s '76	J-J	81½	--
1st mtge 2⅝s 1979	M-N	80½	--
1st mtge 4⅝s 1988	A-O	103½	--
Maine Public Service Co—			
1st mtge & coll tr 2⅞s 1975	A-O	85½	--
Massachusetts Electric Co—			
1st mtge 5s ser F 1991	J-J	105¼	--
1st mtge 4⅜s ser G 1992	M-S	100½	--
Meridionale Electric Co—			
7s series A 1957	A-O	178	--
Metropolitan Edison Co—			
1st mortgage 3s 1977	M-S	86¼	--
1st mortgage 3s 1978	M-S	85½	--
1st mortgage 3¼s 1982	M-S	86½	--
1st mortgage 3⅛s 1984	A-O	83¾	--
1st mortgage 4⅞ s1987	J-D	104¼	--
1st mortgage 5s 1990	M-N	105	--
1st mortgage 4⅜s 1992	J-D	100½	--
Mexican Light & Power Co—			
Extended 5s series A 1975	F-A	86	88
Income deb stock 5½s		f62	65
Michigan Bell Telephone Co—			
4¾s debentures 1992	M-N	105½	106¼
4⅞s debentures 1994	F-A	104	--
4⅝s debentures 1996	F-A	104	--
Michigan Consolidated Gas—			
1st mortgage 3s 1975	M-N	87½	--
1st mortgage 3½s 1976	F-A	93	--
1st mortgage 3⅜s 1979	J-J	88½	--
1st mortgage 3½s 1980	M-N	88½	--
1st mortgage 5⅛s 1986	J-D	106	--
1st mortgage 4½s 1988	M-S	102	--
Michigan Wisconsin Pipe Line Co—			
1st mtge pipe line 6¼s 1977	J-D	106	--
1st mtge pipe line 5⅞s 1980	J-D	105	--
1st mtge pipe line 5½s 1981	J-D	104	--
Mid-American Pipeline Co—			
6½s subord debs 1980	M-S	102½	104
Midwestern Gas Transmission Co—			
1st M pipe line 5¾s '80 w w	J-D	105	--
Milwaukee Gas Light Co—			
1st 3⅛s 1975	M-N	89	--
3⅜s s f debs 1970	M-N	92¾	--
1st mtge 4⅛s 1981	J-D	97½	--
1st mtge 5⅝s 1985	M-N	107	--
1st mtge 4⅝s 1987	M-N	103½	--
Minnesota Power & Light Co—			
1st mtge 3⅛s 1975	M-S	88¾	--
1st mtge 3⅝s 1981	J-J	90¼	--
1st mtge 4¾s 1987	M-S	104¼	--
Mississippi Power Co—			
1st 3⅛s 1971	M-S	91¼	--
1st mtge 2⅞s 1977	F-A	84½	--
1st mtge 2¾s 1980	M-S	81¼	--
1s mtge 3½s 1981	F-A	88½	--
1st mtge 3⅜s 1986	M-S	86¼	--
1st mtge 4⅝s 1987	A-O	102¾	--
1st mtge 5⅛s 1989	J-J	105	--
1st mtge 5s 1990	M-S	104½	--
1st mtge 4½s 1992	A-O	101¾	--
Mississippi Power & Light—			
1s mtge 3⅛s 1974	M-S	88½	--
1st mtge 2⅞s 1977	J-D	85	--
1st mtge 3⅛s 1979	J-J	85	--
1st mtge 2⅞s 1980	J-D	82¼	--
1st mtge 3⅜s 1983	M-S	89¾	--
1st mtge 4⅛s 1988	A-O	97¼	--
Missouri Power & Light Co—			
1st 2¾s 1976	J-J	84¾	--
1st 2¾s 1979	M-N	81¼	--
1st mtge 3¼s 1984	J-J	85¼	--
1st mtge 4½s 1992	J-J	102	--
Monongahela Power Co—			
1st mtge 3s 1975	F-A	87½	--
1st mtge 3s 1977	M-S	86¼	--
1st mtge 3⅛s 1979	F-A	85¼	--
1st mtge 3⅜s 1981	A-O	87½	--
1st mtge 3⅝s 1983	J-D	89¾	--
1st mtge 4¾s 1984	A-O	103¾	--
Montana-Dakota Utilities—			
1st mtge 3s 1965	A-O	98¼	--
1st mtge 3⅝s 1976	A-O	93¼	--
1st mtge 3⅜s 1975	M-S	90¼	--
1st mtge 3½s 1979	M-S	90¾	--
1st mtge 5⅛s 1983	J-D	--	105¼
1st mtge 4½s s f 1982	J-D	102	--
1st mtge 4½s 1987	J-D	101¾	--
Montana Power 2⅞s 1975	A-O	86	--
1st mtge 3⅛s 1984	M-N	83¾	--
3¼s s f debentures 1979	M-N	87½	--
1st mtge 4½s 1989	A-O	102	--
Mountain Fuel Supply Co—			
3½s debentures 1971	A-O	95	--
3⅛s debentures 1974	J-D	89¼	--
4s debentures 1983	J-D	96½	--
4⅞s debentures 1986	M-S	104¾	--
Mountain States Tel & Tel—			
3s debentures 1989	F-A	76	--
3½s debentures 1990	J-J	88¼	--
4⅜s debentures 1988	F-A	101	--
5s debentures 2000	A-O	106	--
4½s debentures 2002	J-D	102¼	--
Mystic Valley Gas Co—			
1st mtge 3⅝s ser A 1974	F-A	92½	--
1st mtge 6s series B 1977	M-N	--	104
Narragansett Electric Co—			
1st mtge 3s series A 1974	M-S	88	--
1st mtge 3s series B 1978	M-N	85	--
1st mtge 3⅜s series C 1982	M-S	87¾	--
1st mtge 3½s series D 1983	M-S	89⅛	--
1st mtge 3½s series E 1986	M-S	87¾	--
National Fuel Gas 3s debs '73	J-J	88½	--
3¼s s f debentures 1977	M-N	88¼	--
3¼s s f debentures 1979	A-O	87¼	--
4⅞s s f debentures 1983	A-O	104¼	--
5⅛s s f debentures 1985	A-O	106	--
4⅞s s f debentures 1986	M-N	104½	--
Natural Gas Pipeline Co of America 4¾s debs 1978	J-J	102	--
4⅝s 1st mtge pipe line 1978	M-N	102	--
4⅝s 1st mtge pipe line 1979	A-O	102¼	--
5s 1st mtge pipe line 1980	A-O	104¼	--
4¾s debentures 1981	M-N	101¾	--
4⅝s 1st mtge pipe line 1982	J-D	102½	--
New Bedford Gas & Edison Light Co 3% notes A 1973	M-N	88½	--
New England Electric System—			
3s debentures 1967	J-D	95¼	--
3¼s debentures 1977	J-D	88¼	--
New England Gas & Elec Assn—			
4s series C 1971	M-S	98	--
New England Power—			
1st mtge 3s series B 1978	J-J	85¼	--
1st mtge 2¾s series C 1979	J-J	81¼	--
1st mtge 2⅞s series D 1981	F-A	82¼	--
1st mtge 3¼s series E 1982	J-D	86½	--
1st mtge 3¼s series F 1985	J-J	85½	--
1st mtge 4⅜s series G 1987	F-A	100½	--
1st mtge 4s series H 1988	J-D	96½	--
1st mtge 4⅝s series I 1991	M-N	103½	--
1st mtge 4⅜s series J 1992	J-D	100½	--

a Called for redemption, see page 94. b Basis. e Ex-Interest. f Flat price. k Last sale. n Nominal. r Canadian dollar value.

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PUBLIC UTILITY BONDS

QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

NOTICE—All bond prices are "and interest" except where marked "f" and income and defaulted bonds

Bonds—	Bid	Ask
New England Tel & Tel—		
3¼s debentures 1977 J-D	88¾	—
3⅛s debentures 1988 J-D	82	—
3¼s debentures 1991 M-N	82½	—
4s debentures 1993 A-O	95½	—
4⅝s debentures 1999 A-O	103¾	—
4½s debentures 2002 J-J	102½	—
New Jersey Bell Telephone—		
2¾s debentures 1990 M-S	75	—
3¼s debentures 1984 M-N	85⅜	—
3s debentures 1989 M-N	81	—
3⅜s debentures 1995 J-D	83¾	—
3⅞s debentures 1993 A-O	92½	—
4⅞s debentures 2000 M-N	106	—
New Jersey Natural Gas Co—		
5¼s conv debs 1970 J-D	a192	—
New Jersey Power & Light—		
1st mtge 3s 1978 J-D	85	—
1st mtge 2⅞s 1979 J-D	83	—
1st mtge 3⅛s 1984 F-A	83½	—
1st mtge 4⅛s 1988 M-N	97½	—
1st mtge 4⅞s 1990 J-J	104	—
New Orleans Public Service Co—		
1st mtge 3⅛s 1974 J-J	89¼	—
1st mtge 3¼s 1978 A-O	87	—
1st mtge 4⅛s 1983 A-O	97½	—
1st mtge 3¼s 1984 J-D	85¼	—
1st mtge 4½s 1987 A-O	102	—
1st mtge 4½s 1992 A-O	102	—
1st mtge 5s 1991 J-D	104	—
N Y State Elec & Gas Corp—		
1st mtge 3s 1978 A-O	85¾	—
1st mtge 3¼s 1984 M-N	85¾	—
1st mtge 3⅜s 1985 M-S	87	—
1st mtge 4⅝s 1987 M-N	104	—
1st mtge 3⅞s 1988 F-A	93¼	—
1st mtge 4⅝s 1991 M-N	104¼	—
4½s s f debentures 1992 J-D	102¼	—
N Y Steam Corp 3½s 1963 J-J	100	—
New York Telephone Co—		
Ref mtge 4⅝s series L 1997 A-O	104	—
Ref mtge 4⅝s series M 2002 J-J	104	—
Ref mtge 4¼s series N 2000 J-J	99⅛	—
Niagara Mohawk Power Corp—		
Gen mtge 3⅜s 1981 J-D	85	—
Gen mtge 3⅛s 1984 F-A	83¾	—
Gen mtge 3⅝s 1986 M-N	90⅜	—
Gen mtge 3⅞s 1988 J-D	93¾	94
Gen mtge 4¾s 1990 A-O	104¾	—
Gen mtge 4½s 1991 M-N	102⅜	—
North Carolina Natural Gas—		
6s conv 2nd mtge 1981 A-O	113	116
6s sub inc debentures 1983 F-A	65	69
North Shore Gas Co (Mass)—		
1st 4s series B 1975 J-D	96	—
Northern Illinois Gas 3½s '79 J-J	90½	—
1st mtge 3¾s 1981 A-O	93	—
1st mtge 5s 1984 J-D	105	—
1st mtge 4⅝s 1985 J-J	103	—
Northern Indiana Public Service—		
1st mtge 3⅛s series C 1973 F-A	89¼	—
1st mtge 2⅞s series E 1980 M-S	82½	—
1st mtge 4½s series J 1989 J-J	102	—
1st mtge 4⅞s series K 1990 F-A	104¾	—
1st mtge 4⅜s series L 1992 M-S	100¾	—
1st mtge 4½s series M 1993 A-O	102⅝	—
4s conv debs 1976 A-O	123	—
Northern Natural Gas Co—		
All bonds listed NYSE		
Northern Ontario Nat Gas—		
5¾s subord debs 1982 J-D	93½	94½
Northern States Power Co (Minn)—		
All bonds listed NYSE		
Northern States Power Co (Wis)—		
All bonds listed NYSE		
Northwest Natural Gas Co—		
1st mtge 5⅛s 1984 F-A	103	—
1st mtge 5⅛s 1986 J-J	102½	—
Northwestern Bell Telephone—		
4⅜s debentures 1989 M-N	101	—
4⅞s debentures 1998 J-D	105½	—
4⅜s debentures 2003 M-S	100¾	101¾
Northwestern Public Service—		
1st mtge 3s 1973 A-O	88¼	—
1st mtge 5¼s 1987 J-J	105	—
Ohio Edison Company—		
1st mtge 3¼s 1984 J-J	86¼	—
1st mtge 3¼s 1985 M-N	85	—
1st mtge 4¼s 1988 M-S	99½	—
1st mtge 4½s 1989 M-S	101⅝	—
1st mtge 4¾s 1991 J-D	104¾	—
Ohio Power Co—		
1st mtge 3⅜s 1981 A-O	88	—
1st mtge 3⅜s 1983 J-J	87½	—
1st mtge 3⅛s 1984 A-O	84	—
1st mtge 3⅜s 1985 M-S	87	—
1st mtge 4¼s 1986 M-N	99½	—
1st mtge 4⅞s 1987 M-N	104¾	—
1st mtge 4⅝s 1989 A-O	104	—
Ohio Water Service—		
6s conv subord debs 1977 A-O	125	—
Oklahoma Gas & Electric Co—		
All bonds listed NYSE		
Orange & Rockland Utilities—		
1st mtge 4½s ser F 1988 J-D	100¾	—
1st mtge 4⅞s ser G 1991 A-O	104	—
Otter Tail Power Co—		
5¼s conv debs 1967 M-N	200	—
1st mtge 4⅞s 1991 F-A	103	—
Pacific Gas & Electric Co—		
All bonds listed NYSE		
Pacific Gas Transmission—		
5½s conv debentures 1986 F-A	115	—
Pacific Lighting Gas Supply Co—		
Sink fd debs 5s ser A 1980 A-O	104	—
Pacific Northwest Bell Telephone—		
4½s debentures 1994 M-N	102½	—
4⅜s debentures 2002 M-S	101	—
4½s debentures 2003 A-O	102½	—
Pacific Power & Light Co—		
1s mtge 3¼s 1977 J-J	86¾	—
1st mtge 3½s 1984 F-A	87½	—
4¾s conv debs 1974	141	—
1st mtge 4¾s 1992 A-O	102½	—
1st mtge 5⅛s 1990 M-S	104½	—
1st mtge 4½s 1992 J-D	100¾	—
Pacific Telephone & Telegraph—		
3¼s debentures 1979 M-N	88	—
3⅛s debentures 1989 M-N	81½	—
5⅛s debentures 1980 F-A	106¾	—
4⅝s debentures 1990 M-N	104¾	—
5⅛s debentures 1993 F-A	105¼	—
Panhandle Eastern Pipe Line—		
3¼s s f debs 1973 F-A	90¾	—
2¾s debentures 1975 J-D	84¾	—
3⅛s debentures 1974 J-D	89⅛	—
4⅜s debentures 1982 A-O	100	—
Pennsylvania Electric Co—		
1st mtge 3⅜s 1972 J-J	93½	—
1st mtge 3⅛s 1973 M-S	89¼	—
1st mtge 2¾s 1976 J-D	85	—
1st mtge 2¾s 1979 M-N	81½	—
1st mtge 3⅜s 1982 F-A	87¾	—
1st mtge 4⅛s 1983 J-D	98	—
1st mtge 3⅛s 1984 M-S	83½	—
1st mtge 3⅞s 1986 M-N	94	—
1st mtge 4s 1988 M-S	95⅜	—
1st mtge 5s 1989 F-A	105	—
1st mortgage 5s 1990 M-N	105	—
1st mtge 4⅝s 1991 M-N	103½	—
5¼s debentures 1986 J-D	106	—
Pennsylvania Gas & Water Co—		
Quotes under old name of		
Scranton Spring Brook Water Ser		
Pennsylvania Power Co—		
1st mtge 2⅞s 1975 M-N	86	—
1st mtge 2¾s 1980 M-S	81¼	—
1st mtge 3¼s 1982 F-A	86½	—
1st mtge 4⅜s 1992 M-S	100¾	—
Pennsylvania Power & Light—		
1st mortgage 4⅝s 1991 J-D	103½	—
Pennsylvania Telep 2⅞s 1975 J-J	86¼	—
Peoples Gas Light & Coke—		
1st & ref M 3¼s ser I 1979 J-J	87⅞	—
1st & ref M 4⅝s ser J 1986 M-N	103	—
Philadelphia Electric Co—		
All bonds listed NYSE		
Philadelphia Elec Pwr 2⅝s 1975 J-J	83¾	—
Philadelphia Suburban Water—		
1st mtge 4⅛s 1988 M-N	96	—
Philadelphia Transportation Co—		
Consol mtge 3-6s ser A 2039 J-J	81½	82½
1st & ref mtge 3¾s ser B '70 J-D	90½	92½
Pioneer Nat Gas debs 5½s '77 M-S	103	—
Pittsburgh Rys Co 5s 1970 J-J	99½	100½
Portland Gas & Coke Co—		
1st mtge 3⅛s 1976 J-J	86	—
1st mtge 4⅜s 1976 A-O	98½	—
Portland General Electric Co—		
1st mtge 3⅛s 1975 J-J	88½	—
1st mtge 3½s 1977 M-N	89¾	—
Potomac Edison Co—		
1st mtge & coll tr 3s 1974 A-O	88¼	—
1st mtge & coll tr 3⅛s 1978 J-J	86¾	—
1st mtge & coll tr 3¼s 1977 J-D	88¼	—
1st mtge & coll tr 3⅜s 1981 A-O	87¾	—
1st mtge & coll tr 4⅝s 1987 M-N	193½	—
Potomac Electric Power Co—		
1st mtge 2¾s 1985 M-N	77¾	—
1st mtge 3¼s 1987 M-S	84	—
1st mtge 3⅞s 1988 J-D	93¼	—
1st mtge 3⅜s 1990 J-D	85½	—
1st mtge 3⅝s 1991 J-D	89½	—
1st mtge 4⅝s 1993 J-D	103¾	—
1st mtge 5¼s 1994	107	—
1st mtge 5s 1995 J-D	106½	—
1st mtge 4⅝s 1982 J-D	102⅛	—
1st mtge 4⅜s 1998	101½	—
Public Service Co of Colorado—		
1st mtge 2⅞s 1977 J-D	85¼	—
1st mtge 3⅛s 1978 A-O	87¼	—
1st mtge 3¼s 1981 A-O	87	—
1st mtge 3⅛s 1984 A-O	83⅞	—
1st mtge 4⅜s 1987 M-N	100¾	—
1st mtge 4⅝s 1989 M-N	103½	—
1st mtge 4½s 1991 A-O	102	—
Public Service Co of Indiana—		
1st mtge 3⅛s ser F 1975 M-S	89	—
1st mtge 3⅛s ser G 1977 M-N	87¼	—
1st mtge 3s ser H 1979 J-J	84¾	—
1st mtge 3⅜s ser J 1982 J-J	87¾	—
1st mtge 3⅜s ser K 1984 J-J	87¼	—
1st mtge 4⅜s ser M 1989 F-A	100¾	—
Public Service Co of N H—		
1st mtge 3¼s ser A 1973 J-J	90½	—
1st mtge 3¼s ser C 1978 J-J	87¾	—
1st mtge 3¼s ser D 1978 A-O	87¾	—
1st mtge 3s ser E 1979 J-D	84½	—
1st mtge 3¼s ser H 1984 M-N	86	—
1st mtge 3⅞s ser I 1986 J-D	93¼	—
1st mtge 4⅝s ser M 1992 J-J	103½	—
Public Service Co of Oklahoma—		
1st mtge 2¾s ser A 1975 J-J	85½	—
1st mtge 2⅞s ser B 1978 F-A	84	—
1st mtge 3⅛s ser C 1981 A-O	86	—
1st mtge 3⅜s ser D 1983 M-S	87½	—
1st mtge 3s ser E 1984 F-A	82½	—
1st mtge 4¼s ser F 1987 F-A	98½	—
1st mtge 3⅞s ser G 1988 M-N	93¼	—
1st mtge 4⅛s series I 1993 J-J	97½	—
Pub Serv Coordinated Transport—		
1st & ref 4s 1990 J-J	97	—
1st & ref 5s 1990 J-J	104½	—
1st & ref 5¾s 1990 J-J	108	—
1st & ref 6s 1990 J-J	112	—
Public Service Elec & Gas Co—		
1st & ref M 2¾s 1980 M-N	81¼	—
1st & ref M 3¼s 1984 M-N	85½	—
1st & ref M 4⅜s 1986 M-N	100⅜	—
1st & ref M 4⅞s 1987 M-S	105	—
1st & ref M 4⅝s 1988 F-A	103½	104¼
1st & ref M 5⅛s 1989 J-D	105½	—
1st & ref M 4¾s 1990 M-S	105	—
1st & ref M 4⅜s 1992 F-A	100½	—
4¾s debentures 1981 A-O	104¼	—
Puget Sound Power & Light—		
1st mortgage 4⅛s 1988 M-N	95¾	—
5¼s debentures 1983 M-N	103½	—
1st mtge 5½s 1989 M-N	106	—
1st mtge 5⅜s 1990 A-O	104½	—
1st mtge 4⅝s 1991 F-A	102¼	—
Quebec Natural Gas Corp—		
5¾s subord debs 1985 A-O	87	90½
Quebec Telephone Corp—		
1st 3½s series B 1967 F-A	92½	—
1st 4s series C 1967 F-A	94	—
Rochester Gas & Electric Corp—		
1st mtge 3s series L 1979 M-S	84⅝	—
1st mtge 3⅜s series N 1982 J-D	87¾	—
3⅜s series O 1985 M-S	87⅛	—
1st mtge 4⅞s series R 1987 J-J	104⅜	—
1st mtge 5s series S 1989 A-O	105	—
1st mtge 4½s series T 1991 M-N	102	—
Rochester Telephone Corp—		
1st mtge 2½s series A 1981 A-O	77	—
1st mtge 4¾s series E 1993 M-S	104½	—
4¾s debentures 1987 J-J	104½	—
Rockland Light & Power Co—		
1st mtge 3⅛s series C 1978 J-D	86½	—
1st mtge 3¾s series D 1981	93¼	—
1st mtge 3¾s series E 1983 A-O	92¾	—
St Joseph Light & Power Co—		
1st mtge 2⅝s 1976 A-O	82½	—
1st 3s 1979 J-J	84¼	—
1st mtge 5s 1989 J-D	105	—
San Diego Gas & Electric Co—		
1st mtge 3⅜s 1970 J-J	94	—
1st mtge 3s series C 1978 M-S	85	—
1st mtge 3¼s series D 1982 A-O	86½	—
1st mtge 2⅞s series E 1984 A-O	80½	—
1st mtge 3¼s series F 1985 A-O	85½	—
1st mtge 4⅞s series G 1987 A-O	104¾	—
1st mtge 4⅝s series H 1990 A-O	103½	—
4⅝s s f debentures 1984 J-J	103½	—
Savannah Electric & Power Co—		
1st mtge 3¼s 1984 A-O	85¾	—
3⅜s debentures 1979 A-O	88⅝	—
1st mtge 3⅞s 1986 M-N	42¾	—
1st mtge 5⅛s 1987 M-N	105	—
1st mtge 5⅛s 1990 J-D	105	—
5¼s debentures 1985 J-D	104½	—
Scranton Spring Brook Water Serv		
1st mtge 2⅞s 1978 M-S	84	—
5⅛s s f debs w w 1984 A-O	101	—
Shawinigan Water & Power Co—		
1st & coll 3½s ser H 1970 J-J	83	85
1st & coll 3½s ser J 1970 F-A	83	85
1st & coll 3s series N 1971 M-N	80	82
1st & coll tr 3½s ser P 1973 A-O	80	82
4¾s 1976 series R A-O	87½	88½
5½s conv debs 1972 A-O	94	95
Sierra Pacific Power Co—		
1st mtge 3⅛s 1978 A-O	85⅝	—
1st mtge 3⅜s 1984 M-N	85½	—
1st mtge 5¼s 1986 M-N	105½	—
1st mtge 4½s 1988 A-O	106	—
5⅝s debentures 1985 J-J	106	—
1st mtge 5s 1991 M-N	105	—
1st mtge 4⅞s 1992 J-D	104½	—
South Carolina Elec & Gas Co—		
1st refunding 3s 1980 A-O	83½	—
South Carolina Power Co—		
1st & ref 3s 1975 J-J	87½	—
South Jersey Gas Co 4⅛s 1977 A-O	97	—
Southern Bell Tel & Tel—		
3⅛s debentures 1989 M-S	82	—
3¼s debentures 1995 A-O	82	—
4s debentures 1983 A-O	96¾	—
5s debentures 1986 J-D	106½	—
4⅝s debentures 1993 J-D	104	—
5s debentures 1997 J-D	105½	—
4⅜s debentures 1998 M-S	101¼	—
4⅜s debentures 2001 A-O	101¼	—
Southern Calif Edison Co—		
1st & ref 4⅜s series Q 1988 M-N	—	100⅝
All other bonds listed NYSE and/or ASE		
Southern California Gas Co—		
1st mortgage 2⅞s 1977 J-J	85	—
1st mortgage 3¼s 1978 M-N	87¾	—
1st mortgage 2⅞s 1980 J-D	82½	—
1st mtge 3½s esries A 1982 A-O	85¾	—
1st mtge 3⅞s series B 1981 J-D	94½	—
1st mtge 5⅛s series C 1983 J-J	106	—
1st mtge 5⅜s series D 1984 A-O	107	—
Southern Counties Gas (Calif)—		
1st mtge 3s 1977 M-S	86¼	—
1st mtge 3¼s 1978 M-S	88	—
1st mtge 3½s 1981 A-O	88¾	—
1st mtge 3¼s series A 1984 M-N	85¼	—
1st mtge 4s series C 1983 M-N	96¾	—
1st mtge 4¾s series D 1985 F-A	103¾	—
Southern Electric Generating—		
1st mtge 5¼s 1992 (1959 ser) J-D	106	—
1st mtge 5¼s 1992 (1960 ser) J-D	106	—
1st mtge 5¼s 1992 (1961 ser) J-D	106	—
1st mtge 4⅜s June 1 1992	99½	—
Southern Indiana Gas & Elec—		
1st mtge 3⅛s 1984 A-O	83¼	—
Southern Natural Gas Co—		
1st mtge pipe line 3s 1968 J-D	94½	—
1st mtge pipe line 2⅞s 1970 J-D	90¼	—
1st mtge pipe line 4s 1973 M-N	97½	—
1st mtge pipe line 3⅛s 1974 F-A	88½	—
4½s s f debentures 1978 J-J	99	—
1st mtge pipe line 4¾s 1979 J-J	103	—
Southern Nevada Power Co—		
1st mtge 5½s series D 1989 M-N	103½	—

*Without par value. a Called for redemption, see page 94. b Basis. f Flat price. k Last sale. n Nominal. r Canadian dollar value.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

NOTICE—All bond prices are "and interest" except where marked "f" and income and defaulted bonds

Bonds—	Bid	Ask
Southern New England Telephone—		
3¼s debentures 1985 J-J	85⅛	--
3¼s debentures 1989 J-D	83¼	--
4⅛s debentures 1991 M-S	98	--
4⅜s debentures 2001 J-D	101¼	--
Southern Union Gas Co—		
4¼s s f debs 1976 M-N	100	--
5½s s f debentures 1982 A-O	104	--
5½s s f debentures 1985 J-D	104½	--
Southwestern Bell Telephone—		
4¾s debentures 1992 A-O	105½	106¼
4⅝s debentures 1995 F-A	104	--
4½s debentures 1997 F-A	102¼	103
Southwestern Electric Power Co—		
1st mtge 4⅜s series I 1993 A-O	100¼	--
Southwestern Gas & Electric Co—		
1st mtge 3⅛s ser B 1978 J-J	87	--
1st mtge 3s ser C 1979 J-D	84¼	--
1st mtge 2⅞s ser D 1980 J-D	82¼	--
1st mtge 3⅜s ser E 1982 M-S	87½	--
1st mtge 3¼s ser F 1984 M-N	85¾	--
1st mtge 4⅝s ser G 1987 J-J	103½	--
Southwestern Public Service Co—		
1st mtge 3½s 1978 F-A	90	--
1st mtge 3.20s 1979 J-D	87	--
1st mtge 3.35s 1981 F-A	87¾	--
Staten Island Edison 2⅞s 1979 M-N	83¼	--
Tampa Electric Co—		
1st mtge 4¼s 1988 J-J	98½	--
1st mtge 5s 1990 J-J	a106	--
1st mtge 4½s 1993 M-N	102⅜	--
Tennessee Gas Transmission Co—		
1st mtge pipe line issues—		
2¾s April 1 1966	94	--
3s Sept 1 1967	94	--
3s Sept 1 1970	94¼	--
3⅛s Feb 1 1971	93¾	--
3½s Sept 1 1971	94	--
3⅝s June 1 1974	94	96
3½s Aug 1 1975	93	94
3⅞s Feb 1 1976	95	--
4¾s Nov 1 1976	99½	--
5¼s July 1 1977	103½	--
5¼s Nov 1 1979	102¼	--
5⅜s Jan 1 1979	103½	--
4⅞s Mar 1 1983	102½	--
Debenture issues—		
4¼s Sept 1 1974	96	--
4s April 1 1975	91	--
4½s Jan 1 1977	96	--
5s May 1 1978	99½	101
5⅛s May 1 1981	101	102
5¼s Dec 1 1981	102	--
5s April 1 1982	100¾	101¼
5s Sept 1 1982	100¾	101¼
6s Nov 1 1977	103	105
Texas Eastern Transmission—		
1st mtge pipe line issues—		
4⅞s Mar 1 1977	101½	--
5⅝s Sept 1 1978	103½	--
4⅞s April 1 1979	101	--
4⅞s Dec 1 1981	100½	--
5s Jan 1 1981	101¼	--
Debenture issues—		
4⅜s March 1 1974	97	--
5½s Dec 1 1976	103¼	--
6s June 1 1977	104	--
5⅜s Aug 1 1980	103½	--
5⅜s Aug 1 1981	103½	--
Texas Electric Service Co—		
3¼s s f debs 1973 A-O	91¾	--
1st mtge 2¾s 1975 M-S	85¼	--
1st mtge 3⅜s 1981 J-D	88	--
1st mtge 4¾s 1987 J-J	104½	--
1st mtge 3¼s 1982 M-N	86½	--
1st mtge 4½s 1988 M-N	102	--
1st mtge 4⅜s 1993 A-O	100⅞	--
5¼s s f debentures 1985 F-A	106	--
Texas Gas Transmission Corp—		
5s debentures 1982 J-D	102	--
Texas Power & Light—		
1st mtge 2¾s 1975 M-N	85½	--
1st mtge 3s 1977 A-O	86	--
1st mtge 3s 1978 A-O	85½	--
S f deb 3¼s 1973 A-O	91½	--
1st mtge 3¼s 1982 A-O	87	--
1st mtge 3⅛s 1984 A-O	84	--
1st s f debs 3⅜s 1977 A-O	90½	--
1st mtge 4⅜s 1986 M-N	100½	--
1st mtge 4½s 1988 J-D	101½	--
1st mtge 4½s 1991 J-J	101½	--
4⅝s s f debentures 1987 J-J	103	--
1st mtge 4⅜s 1993 F-A	100½	--
Toledo Edison Co—		
1st mtge 2⅞s 1977 A-O	84¾	--
Trans-Canada Pipe Line—		
5.60s Jan 1 1987	103½	105½
5.85s Jan 1 1987	94½	95½
Transcontinental Gas Pipe Line—		
1st mtge 4⅝s 1978 J-D	99	--
1st mtge pipe line 5s 1977 A-O	102	--
6⅛s debentures 1978 M-N	103½	--
1st mtge pipe line 5s 1979 F-A	101½	--
1st mtge pipe line 5⅛s 1980 F-A	101½	--
1st mtge pipe line 5¼s 1980 M-N	102½	--
1st mtge pipe line 5s 1981 M-N	101	--
1st mtge pipe line 4⅞s 1982 M-N	100	--
6⅛s debentures 1978 M-N	103½	--
5s debentures 1982 J-D	100¾	--
Transwestern Pipeline Co—		
5s subord debs 1969 (ex-stk) M-N	96½	--
Union Electric Co of Missouri—		
1st mtge 4¾s 1990 M-S	104¾	--
1st mtge 3¾s 1986 J-J	92½	--
1st mtge 4⅜s 1988 M-S	100½	--
1st mtge 4¾s 1990 M-S	104¾	--
1st mtge 4¾s 1991 J-J	105	--
Union Lt Heat & Pwr 5s 1989 J-J	--	105
United Gas Corp—		
All bonds listed NYSE		
United Gas Imprmt 3¼s 1966 J-J	98½	--
1st mtge 3¼s 1979 J-J	87	--
1st mtge 4⅛s 1983 M-N	98½	--
1st mtge 5⅛s 1984 J-D	105¼	--
Upper Peninsula Pwr 3¼s 1977 M-N	86½	--
Utah Power & Light Co—		
1st mtge 2¾s 1976 M-N	84¾	--
1st mtge 2⅞s 1980 A-O	82¼	--
1st mtge 3⅝s 1981 A-O	89½	--
1st mtge 3½s 1982 A-O	88½	--
1st mtge 3¼s 1984 M-N	85½	--
1st mtge 3⅝s 1985 M-S	90⅛	--
1st mtge 4⅞s 1990 M-S	104½	--
1st mtge 4½s 1992 J-D	101¾	--
1st mtge 4½s 1993 A-O	101¾	--
Virginia Electric & Power—		
1st & ref 3⅛s ser K 1984 M-N	84	--
1st & ref 3¼s ser L 1985 J-D	85½	--
1st & ref 4⅛s ser M 1986 A-O	98¼	--
1st & ref 4½s ser N 1987 J-D	102	--
1st & ref 3⅞s ser O 1988 J-D	93½	--
1st & ref M 4⅝s ser P 1990 M-S	103¾	--
1st & ref 4⅞s ser Q 1991 J-D	105¼	--
1st & ref 4⅜s series R 1993 M-N	100⅝	--
Washington Gas Light Co—		
Ref mtge 3½s 1976 J-J	91¾	--
Ref mtge 3½s 1980 J-D	88¾	--
Ref mtge 4⅞s 1986 M-N	104	--
Washington Water Power Co—		
1st mtge 3½s 1982 A-O	88¼	--
1st mtge 4⅞s 1987 J-J	104	--
1st mtge 4⅛s 1988 J-J	96¾	--
1st mtge 4⅜s 1988 F-A	100	--
4½s s f debentures 1983 J-J	101¾	--
1st mtge 4¾s 1989 F-A	103⅜	--
5⅝s s f debs 1985 M-S	105½	--
1st mtge 5⅜s 1990 M-S	105½	--
West Penn Power—		
1st mtge 3s series L 1974 M-N	88¼	--
1st mtge 3s series M 1978 M-S	86½	--
1st mtge 2⅞s ser N 1979 M-N	83	--
1st mtge 3¼s ser O 1982 A-O	86½	--
1st mtge 3s series P 1984 A-O	82¾	--
1st mtge 4⅞s series Q 1987 J-J	105	--
1st mtge 4½s ser S 1992 M-S	102	--
1st mtge 4⅜s ser T 1992 M-N	100¾	--
West Texas Utilities Co—		
1st mtge 3⅛s 1973 F-A	88¾	--
1st mtge 3s series B 1978 M-N	85¾	--
1st mtge 3⅝s series C 1981 M-N	89¾	--
1st mtge 3⅜s series D 1985 A-O	85¾	--
1st mtge 3⅞s series E 1988 J-J	93	--
1st mtge 4⅝s series F 1991 F-A	103	--
Westcoast Transmission Co Ltd—		
Subordinate debentures		
5½s series A 1988 A-O	f95½	98
5½s conv series C 1988 J-J	f98½	101
Western Light & Telephone Co—		
1st mtge 3s series A 1975 J-J	87	--
Western Massachusetts Electric Co		
1st mtge 3⅛s ser B 1984 A-O	83¾	--
4⅜s series C 1987 A-O	100¾	--
1st mtge 4⅜s ser E 1992 M-N	100¾	--
Western Power & Gas Co—		
4¼s conv subord debs 1978 F-A	113	--
Western Utilities Corp—		
5¼s conv debs 1975 A-O	168	--
Wisconsin Electric Power—		
1st mtge 2¾s 1980 J-D	81	--
1st mtge 3¼s 1982 M-N	86½	--
1st mtge 3⅛s 1984 M-N	83¾	--
1st mtge 3⅞s 1986 A-O	93¼	--
1st mtge 4⅛s 1988 A-O	98	--
1st mtge 5s 1990 M-N	105½	--
Wisconsin Michigan Power Co—		
1st mtge 3s 1978 A-O	84½	--
1st mtge 3⅝s 1981 A-O	89½	--
1st mtge 4¾s 1991 M-N	103¼	--
1st mtge 4½s 1993 A-O	101¾	--
Wisconsin Natural Gas Co—		
1st mtge 2⅞s 1975 J-D	86	--
1st mtge 4¾s 1986 A-O	103¾	--
1st mtge 4⅜s 1987 M-N	100	--
Wisconsin Power & Light—		
1st mtge 3¼s ser A 1971 F-A	93	--
1st mtge 3⅛s ser B 1978 J-J	86¾	--
1st mtge 3⅛s ser C 1978 M-S	86¾	--
1st mtge 2⅞s ser D 1980 J-D	82½	--
1st mtge 3⅜s ser E 1981 A-O	88	--
1st mtge 3¼s ser F 1982 A-O	86½	--
1st mtge 3¼s ser H 1984 A-O	85¼	--
1st mtge 4⅝s ser J 1989 M-S	103½	--
1st mtge 4¼s series K 1992 M-N	99½	--
Wisconsin Public Service Corp—		
1st mtge 3s 1977 M-N	86½	--
1st mtge 3⅛s 1978 F-A	87	--
1st mtge 2⅞s 1979 M-S	83¼	--
1st mtge 2⅞s 1980 M-N	82½	--
1st mtge 3¼s 1984 A-O	85¾	--
1st mtge 4⅜s 1987 J-D	100¾	--
1st mtge 5¼s 1989 M-N	106	--
Wisconsin Telephone Co—		
4½s debentures 1992 J-J	102½	--
4⅞s debentures 1995 M-N	105½	--
4⅜s debentures 2002 M-N	101	--
Wolverine Power 3-4½s 1979 J-D	f51	--
Worchester County Electric Co—		
1st mtge 3¼s ser B 1981 M-S	87	--
1st mtge 3⅜s ser D 1985 A-O	86¾	--
Worchester Gas Light Co—		
1st s f 3¼s ser A 1969 F-A	93¾	--
1st s f 4s ser B 1973 M-S	97¼	--
1st mtge 5¼s series C 1979 J-D	105½	--

*Without par value. a Called for redemption, see page 94. e Ex-interest. f Flat price. k Last sale. n Nominal. r Canadian price.

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Public Utility Stocks

QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

OVER-THE-COUNTER UTILITY STOCKS

Stocks—	Par	Bid	Ask
Alabama Gas Corp com "wts"		4½	5½
$5.50 series A preferred w w	100	115	--
Without warrants		102	--
Alabama Power Co—			
4.52% preferred	100	--	101.80
4.60% preferred	100	102	103½
4.92% preferred	100	105	--
Alabama-Tenn Natural Gas	1	28¾	29¾
American District Telegraph Co	*	107	110
American Gas Co	1	3⅞	4⅛
Anglo Canadian Tel Co class A	10	56	57½
Appalachian Power Co—			
4.50% s f preference	100	100	--
Arizona Public Service Co—			
$1.10 preferred	25	22½	--
$2.36 preferred	50	n48½	--
$2.40 preferred series A	50	51½	--
$2.50 preferred	50	50½	--
Arkansas Louisiana Gas—			
90c preferred	20	19	20
Arkansas Missouri Power Co—			
New $2.50 par (shares split 2-for-1)		t16¼	17⅜
Arkansas Power & Light Co—			
4.32% preferred	100	95	--
5.48% preferred	100	107	109
Arkansas Western Gas	2.50	16½	17⅝
Atlanta Gas Light Co—			
Common	5	29½	30
4½% preferred	100	91	--
4.44% preferred	100	91	--
Atlantic City Electric Co—			
4.75% preferred	100	104	--
Atlantic City Sewerage	*	19½	20½
Atlantic Utilities Corp	1	6⅝	7½
Aurora Corp (Illinois)	1	3¾	4⅛
Baltimore Transit Co	1	10⅞	11
Bangor Hydro Electric Co—			
Common	5	21½	23
7% preferred	100	141	147
4% preferred	100	82	86
4¼% preferred	100	87	91
Barcelona Traction Light & Power Co Ltd ordinary	*	4	4¾
Berkshire Gas Co	10	25¼	27½
Biddeford & Saco Water Co	25	24½	--
Black Hills Power & Light com	1	48½	49
4.20% preferred	100	88	--
Blackstone Valley Gas & Elec—			
4¼% preferred	100	82	--
Boston Edison Co—			
4.25% preferred	100	96	--
4.78% preferred	100	105½	106½
Bridgeport Gas Co common	*	41½	43
5.28% preferred	25	41½	--
Bridgeport Hydraulic Co	20	47	49¾
Brockton Taunton Gas Co com	10	31½	33½
$3.80 preferred	50	72	--
Calgary Power Co	*	22	22½
Calif Interstate Telephone Co	5	27¼	27⅝
California-Pacific Utilities—			
Common	5	27¼	28¼
1st 5% preferred	20	18½	--
5% convertible preferred	20	36	--
California Water Service	12.50	31¾	33⅝
California Water & Telephone—			
Common	6.25	21⅞	23¼
$1.20 preferred	25	23¼	--
$1.24 conv preferred	25	44½	--
Carolina Natural Gas Corp	1	6	6¼
Carolina Pipe Line Co	1	7	7¾
Carolina Power & Light—			
$4.20 serial preferred	*	95	--
$5 preferred	*	108¾	--
Carolina Tel & Tel Co	20	49	--
Cascade Natural Gas Corp com	1	14⅝	15½
55c preferred	*	10⅛	10½
Central Hudson Gas & Electric—			
4½% preferred	100	93	--
4.75% preferred	100	94	--
Central Illinois Elec & Gas —			
Common	4	28	28⅜
4.10% preferred series A	100	89	92
4¾% preferred series C	100	100	--
4.80% preferred series D	100	101	--
Central Illinois Light Co—			
4.64% preferred	100	102	104
Central Illinois Pub Serv Co—			
4% preferred	100	87	89
4.92% preferred	100	102½	104
Central Indiana Gas Co	5	20⅞	22¼
Central Louisiana Electric com	5	37⅞	40⅛
4½% preferred	100	92	--
Central Maine Power common	10	37½	37¾
3½% preferred	100	73½	75
4.6% convertible preferred	100	174¼	--
6% preferred	100	117	--
Central Power & Light 4% pfd	100	86½	--
Central Telephone Co common	10	37¼	39⅜
$1.35 preferred	*	26¾	27¼
$2.50 preferred series A	*	49½	51
4.96% preferred	25	25⅞	26⅜
Central Vermont Pub Serv Co—			
Common	6	25¾	26⅛
4.15% preferred	100	82	--
4¾% preferred	100	90½	--
5.44% conv series A 2nd pfd	50	60	63
Central West Co	1	5½	7
Chattanooga Gas Co	1	7⅜	8
Chenango & Unadilla Telep	20	36	--
Chesapeake Utilities	1.75	20½	22½
Cincinnati & Suburb Bell Telep	50	103½	105¼
Cincinnati Transit Co	12.50	9½	10
Citizens Utilities Co—			
Class A	16⅔c	23	24⅞
Class B	16⅔c	21¾	23⅝
City Gas Co of Florida	1	22¼	24⅛
Colorado Interstate Gas Co com	5	39	41¼
5.35% preferred	100	103	--
Columbus & Southern Ohio Elec—			
4¼% preferred	100	92	--
4.65% preferred	100	97	--
Commonwealth Gas Corp	1	5⅞	6⅜
Commonwealth Natural Gas	5	33	35½
Commonwealth Telep Co (Pa)	10	27½	29⅞
Concord Electric Co	*	51	--
Concord Natural Gas Corp	5	32	--
Connecticut Light & Power Co—			
Common	*	34⅜	36⅜
$2.20 preferred	*	44½	--
$2.06 preferred series E	*	46½	--
$2.04 preferred	*	46	--
$2.00 preferred	*	44	--
$1.90 preferred	*	43	--
Connecticut Ry & Lighting	5	3	4½
Connecticut Water Co	*	24½	--
Consumers Water Co	1	38	41
Continental Telephone Co	1	10¾	11⅛
Corning Natural Gas Corp	*	28½	31½
Cumberland Gas Corp	1	7	--
Dallas Power & Light Co—			
$4 preferred	*	91	--
4½% preferred	100	99	103
$4.24 preferred	*	96	--
$4.80 preferred	*	104½	106
Dallas Transit Co common	10	12	--
7% preferred	100	95	--
Delaware Power & Light Co—			
3.70% preferred	100	80	--
4% preferred	100	86	88
4.20% preferred	100	93	--
4.28% preferred	100	95	--
4.56% preferred	100	99	102
5% preferred	100	103	--
Denver Tramway common	*	5	7
1st preferred	*	27	29
Des Moines Transit Co	1	⅞	1⅛
Detroit & Canada Tunnel	5	16¾	18⅝
Detroit International Bridge	1	17¼	18
Duke Power Co 5.36% pfd B	100	107	--
Duquesne Natural Gas common	1c	20c	26c
$1.50 convertible preferred	25	16	19
Eastern Utilities Associates	10	49¾	52¼
Edison Sault Electric Co	5	19¾	20½
El Paso Electric Co (Texas)—			
Common	*	25⅜	27⅛
$4.12 preferred	*	92	--
$4.50 preferred	*	97	--
$4.72 preferred	*	101	--
$5.36 preferred	*	106	--
El Paso Natural Gas Co—			
4.10% 1st preferred	100	94	--
$5 conv 2nd pfd (1957 series)	*	99	100
5.36% preferred	100	101	103
5½% preferred (series 1951)	100	101½	103
5.50% preferred (series 1956)	100	101½	103
5.65% preferred	100	103	104½
5.68% preferred (1957 series)	100	103	104½
6.40% pfd (2nd 1957 series)	100	105	107
Elizabeth Consolidated Gas	10	36½	39⅛
Elizabethtown Water Co (N J)	*	28½	30⅞
Empire & Bay States Tel gtd	100	55	--
Empire District Electric—			
4¾% preferred	100	98	--
Equitable Gas Co—			
4.36% convertible preferred	100	110	112
Ericsson (L M) Telephone—			
Class B	35 kr	31¼	31⅝
Essex Company	50	25	--
Fall River Gas Co	10	38½	41
Fitchburg Gas & Electric Light	25	62½	64½
Florida Gas Co	1	11	11¾
Florida Power Corp—			
4% preferred	100	85	88
4.58% preferred	100	n103	--
4.60% preferred	100	100	--
Florida Power & Light Co—			
4½% preferred	100	100	101
Florida Public Utilities com	3	24	26¼
$1.12 convertible preference	20	26½	--
4¾% preferred	100	81	--
Florida Telephone Corp class A	5	20⅝	21
Florida Water & Utilities	1	9½	10½
Fort Worth Transit Co	10	7¼	8⅛
Galveston-Houston Co	5	5½	6
Gary Railways	1	4	4⅜
Gas Service Co	10	44	46¼
General Telephone & Electronics—			
4.25% convertible preferred	50	93	--
4.36% convertible preferred	50	63	64
4¾% conv preferred	50	240	--
5.28% convertible preferred	50	78	--
General Telephone Co of Calif—			
4½% preferred	20	19½	20
New 4½% preferred	20	19½	20
5% preferred	20	21⅜	21⅞
5½% preferred	20	22	22½
General Telephone Co of Florida	*	51	--
General Telephone Co of Illinois—			
$2.375 preferred	*	49½	50½
General Telephone Co of Indiana—			
$2 preferred	*	40	--
$2.50 preferred	*	50	--
General Telephone Co of Iowa—			
5½% preferred	25	24	--
General Telep Co of Kentucky—			
5% preferred	50	49	--
5.20% preferred	100	100	--
General Telep Co of Michigan—			
$2.40 preferred	50	49	--
$1.35 preferred	25	25¾	--
General Telephone Co of the Northwest 4.80% preferred	25	23	--
General Telephone of Ohio—			
$2.20 preferred	*	44½	--
$1.40 preferred	*	25¾	--
$1.25 preferred	*	25¼	--
General Telephone Co of Penn—			
$2.10 preferred	*	47	48
$2.25 preferred	*	49½	51
General Telephone Co of the Southwest 5.10% preferred	20	21½	--
5½% preferred	20	a--	--
5.60% preferred	20	a--	--
$2.20 preferred	*	45	--
General Telephone of Wisconsin—			
$5 preferred	100	101	--
$4.50 preferred	100	96	--
General Waterworks Corp com	1	28¼	29
5% preferred	100	97	--
5.10% preferred	100	97½	--
$5 voting preferred	100	97	--
80c convertible 2nd preferred	1	28½	--
$6 voting preferred	100	100	--
Georgia Power Co—			
$4.60 preferred (1954 series)	*	99	101
$4.60 preferred (1962 series)	*	100	--
$4.92 preferred	*	104	--
$4.96 preferred	*	103	--
$5 preferred	*	105	--
Gold & Stock Telephone gtd	100	172	182
Great Lakes Natural Gas Corp	50c	1¼	1½
Green Mountain Power	3.33⅓	19¼	20⅝
Greenwich Gas Co common	*	14¾	--
$1.50 preferred	*	25½	--
Gulf Cities Gas Corp class A	1	2⅜	2⅝
Gulf Natural Gas Corp	1	3	3¾
Gulf Power Co 4.64% pfd	100	97	--
Hartford Electric Light Co—			
$3.90% preferred	50	42½	--
4.50% preferred	50	49½	--
4.96% preferred	50	51½	--
Hartford Gas Co New com (split 2 for 1)		39¼	41¼
Haverhill Gas Co	10	36	--
Hawaiian Electric Co	6.66⅔	27	27⅜
Holyoke Street Ry Co	10	7½	--
Holyoke Water Power	10	51	54
Houston Lighting & Power—			
$4 preferred	*	88	--
Houston Natural Gas Corp Common (split 5-for-4) not 5-for-1 as reported here last month $5 preferred		36¼	38
5% preferred "$50 par"		51	52¾
5% preferred "$25 par"		25½	26¼
5¼% convertible preference	100	326	--
Hugoton Gas Trust "units"		12¼	13¾
Hugoton Production Co	1	45⅛	45⅝
Idaho Power Co 4% pfd	100	87	88½
Illinois Bell Telephone Co	20	72	74
Indiana Gas & Water Co	*	28½	30¼
Indiana & Michigan Electric—			
4⅛% preferred	100	92½	94½
Indiana Telephone Corp	*	40	43
Indianapolis Water Co	10	29½	30¼
Inter-County Tel & Tel com	4.16⅔	39	42¼
5% preferred series A	25	23½	--
Intermountain Gas Co	1	19¼	20
Inter-Mountain Telephone Co	10	20¼	22
Interstate Power Co—			
4.36% preferred	50	48	--
5½% preferred	50	53	--
Iowa Electric Light & Power Co—			
4.80% preferred	50	53	55
Iowa-Illinois Gas & Electric—			
$4.36 preferred	100	97	--
$4.22 preferred	100	95	--
Iowa Power & Light Co—			
3.30% preferred	100	72½	--
4.35% preferred	100	96	--
4.80% preferred	100	102½	--

*No par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend. y Ex-stock dividend. z Ex-rights.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

Stocks—	Par	Bid	Ask
Iowa Public Service Co (Iowa)—			
Common	5	27⅜	29
3¾% preferred	100	84	86
4.20% preferred	100	50	50½
Iowa Southern Utilities common	15	91	95
$1.76 convertible preferred	30	a99½	--
Jamaica Water Supply common	*	62½	64
$5 preferred series A	*	96½	--
Kansai Electric Power Co—			
American deposit receipts		21⅜	21⅝
Kansas Gas & Electric Co—			
4.28% preferrd series A	100	94	--
4.32% preferred	100	95	--
Kansas-Nebraska Natural Gas—			
Common	5	32⅛	32⅝
$5 preferred	*	102½	--
Kansas Power & Light Co—			
4½% preferred	100	99	--
5% preferred	100	101¼	--
Kentucky Utilities Co—			
Common	10	27⅛	28¼
4¾% preferred	100	101½	103
La Crosse Telephone Corp	10	17	--
Laclede Gas Co—			
5% preferred series B	25	25¾	26¾
4.56% preferred series C	25	n--	25½
Lake Superior Dist Power com	10	28¾	29⅛
5% preferred	100	102	--
Lawrence Gas Co	10	30	--
Lewiston Gas Light common	10	12	--
5% preferred	100	88	--
Lincoln Tel & Tel Co common	25	82	--
5% preferred	100	104	--
5% conv preferred 2nd series	100	130	--
Louisiana Power & Light Co—			
4.16% preferred	100	91	--
4.44% preferred	100	99	101
4.96% preferred	100	102	--
Louisville Gas & Electric (Ky)—			
5% preferred	25	28	28¾
Lowell Gas Co	25	37	--
Lynn Gas Co	10	49	--
Madison Gas & Electric	8	38½	40¾
Maine Public Service Co—			
4.75% preferred	50	46	49
Majestic Utilities	1	2	2½
Massachusetts Electric—			
4.44% preferred	100	97	--
4.76% preferred	100	--	105
Mexican Light & Power Co com	*	11¾	12⅞
$1 preferred	13.50	11	12¼
Michigan Gas & Electric com	10	96	98
4.40% preferred	100	93	--
Michigan Gas Utilities	2.50	19	20⅛
Mid-America Pipeline Co	*	18¼	19⅝
Mid-Continent Telephone Corp	*	17¾	18½
Middlesex Water Co common	*	34	36
7% preferred	100	130	--
Middle States Telephone Co of Illinois common	10	41	46
5% preferred series C	20	20¼	20¾
Minneapolis Gas Co common	1	41⅞	44½
5½% preferred	100	105	--
$5.10 1st preferred	100	102	--
5% preferred	100	101	--
Mississippi Power Co 4.60% pfd	100	96	--
Mississippi Power & Light Co—			
4.36% preferred	100	95	--
4.56% preferred	100	97	100
Mississippi Valley Gas Co	5	26	27¾
Missouri Natural Gas Co	2.50	14½	15
Missouri Power & Light Co—			
3.90% preferred	100	84	85½
4.30% preferred	100	92	--
Missouri Public Service Co—			
4.30% preferred	100	87	90
5.52% preferred	100	104	--
Missouri Utilities Co common	1	25½	26
5% preferred new	100	95	--
5% preferred old	100	98	--
Mobile Gas Service Corp com	5	29½	31
4.90% preferred	100	97	--
Monongahela Light & Power	50	45	--
Montana Dakota Utilities—			
4.50% preferred	100	94½	96½
$4.70 preferred	100	99	102
Montana Power Co—			
$6 preferred	*	116	--
$4.20 preferred	*	94	--
Muscle Shoals Natural Gas	1	10	--
Narragansett Electric 4½% pfd	50	48	--
4.64% preferred	50	51	--
Natural Gas Pipe Line Co of America 5¾% preferred	100	104½	--
5½% preferred	100	103½	--
5¼% preferred	100	102½	--
Nevada Northern Gas Co	1	21	22½
Nevada Power Co—			
5.20% preferred	20	21¼	22¼
5.40% preferred	20	21¼	22¼
5½% preferred	20	21¼	22¼
New England Gas & Elec Assn	8	35½	37
New England Power Co 6% pfd	100	122	--
4.60% preferred	100	n100	102½
4.56% preferred	100	n--	104
New Haven Gas Co	25	45¾	47¾
New Haven Water Co	50	81	--
New Jersey Natural Gas common	5	42½	45⅛
6% preferred	20	22½	23½
New Jersey Power & Light—			
4.05% preferred	100	88	--
New Orleans Public Service—			
4.36% preferred	100	95	--
4¾% preferred	100	101	--
Newport Electric Corp com	10	32	33
3¾% preferred	100	70	--
Newport Gas Light Co	*	12½	--
N Y State Electric & Gas—			
4.15% preferred series 1954	100	92	--
4.50% preferred	100	101	--
4½% preferred (1949 series)	100	101	--
Niagara Frontier Transit System	10	11¾	12½
Nippon Electric Co Ltd—			
American dep shares	50 yen	17¾	18
North Carolina Nat Gas Corp	2.50	4½	4¾
North Carolina Telephone Co	1	1⅞	2
North Penn Gas Co	5	13⅛	14
North Shore Gas (Mass)	10	25	--
Northern Illinois Gas Co com	5	62	62½
5% preferred	100	106	--
5.50% preferred	100	108	110
Northern Indiana Public Service			
4.22% preferred	100	93½	--
4¼% preferred	100	n95	--
4.40% conv junior preference	40	100½	101½
4½% preferred	100	94	--
Northern Ohio Telephone com	100	52½	54
4¼% preferred	100	80	--
4½% preferred	100	85	--
5% class A preferred	100	90	--
Northern Ontario Natural Gas	*	17¾	18¼
Northwest Natural Gas Co—			
Common	9.50	36¾	38¾
5.72% preferred	100	102	--
5¾% preferred	100	102½	--
Northwestern Public Serv com	3	31⅜	31¾
4½% preferred	100	94	--
Ohio Power Co—			
4.08% preferred	100	92	--
4.20% preferred	100	95½	97
4.40% preferred	100	99	--
4½% preferred	100	99	--
Ohio Water Service Co	10	33¾	36⅜
Oklahoma Natural Gas Co—			
4¾% preferred A	50	51½	52½
$4.92 series B preferred	50	52¼	53
Orange & Rockland Utilities—			
4.65% preferred series A	100	95	--
Otter Tail Power Co—			
New common (split 2-for-1)		t24½	26
$3.60 preferred	*	72	--
$4.40 preferred	*	84	--
Pacific Gas Transmission Co	*	17¼	18⅜
Pacific Power & Light Co—			
Common	3.25	27	27⅜
4.52% preferred	100	90	--
5.64% preferred	100	107	108
6.16% preferred	100	107	108½
Panhandle Eastern Pipe Line—			
4.64% preferred	100	103½	104
Penn Ohio Gas Co	10c	⅜	¾
Pennsylvania & Southern Gas	1.25	28	--
Pennsylvania Electric Co—			
4.40% preferred series B	100	97½	99
3.70% preferred series C	100	81	--
4.05% preferred series D	100	88	--
4.70% preferred series E	100	102½	104½
4.50% preferred series F	100	98	100
4.60% preferred series G	100	101	--
Pennsylvania Gas & Water Co—			
Common	*	43	43¾
4.10% preferred	100	88½	90
Pennsylvania Power Co—			
4¼% preferred	100	93½	--
4.24% preferred	100	93½	--
4.64% preferred	100	103	105
Pennsylvania Power & Light			
3.35% preferred	100	74	--
4.60% preferred	100	101	103
Phila Suburban Transportation	2.50	16½	17½
5% preferred	50	42	--
Philadelphia Suburban Water—			
Common	3.75	31¼	31⅝
5% preferred	100	103	--
Philadelphia Transportation Co	10	9¼	9¾
Piedmont Natural Gas Co com	50c	17⅛	18⅛
$5.50 convertible preferred	*	110	--
Pioneer Natural Gas Co	3.75	34¾	35¾
Pioneer Telephone Co	33⅓c	18¾	19¼
Portland Gas Light common	*	7⅝	8½
$5 preferred	*	82	87
Portland General Electric	3.75	26½	28
Potomac Edison Co 3.60% pfd	100	73	--
4.70% preferred series B	100	96	--
Potomac Electric Power Co—			
$2.44 serial preferred	50	51½	52¾
$2.46 serial preferred	50	52½	--
Public Service Co of Colorado—			
4.64% preferred	100	103	104
4.90% preferred	100	105	106
Public Serv of New Hampshire—			
Common	5	27⅝	28⅝
3.35% preferred	100	71	--
4½% preferred	100	87½	--
Public Service Co of New Mexico—			
Common	5	33	33⅜
5% series A preferred	100	99	--
5.25% pfd w w 1959 series	100	148	--
Without warrants		103	--
Public Service Co of N C	1	12⅞	13⅞
Public Service of Oklahoma—			
4% preferred	100	87	--
4.24% preferred	100	95¾	--
Puget Sound Power & Light Co—			
4.84% preferred	100	103½	104½
Quebec Natural Gas Corp	1	7⅝	8
Roanoke Gas Co (Va)	5	26½	28
Rochester Gas & Electric—			
4% preferred series F	100	87	--
4.10% preferred series H	100	91	--
4¾% preferred series I	100	101	--
4.10% preferred series J	100	91	--
4.95% pfd series K	100	102	--
Rochester Telephone Corp—			
5% preferred	100	102	--
Rochester Transit Corp	*	5½	6½
Rocky Mountain Natural Gas	3	4½	4⅞
$50 units		65	--
$20 units		31	--
St. Joseph Light & Power—			
5% preferred A	100	99	--
San Jose Water Works com	12.50	34¾	35¾
4¾% preferred series A	25	24	--
4¾% preferred series B	25	24	--
4.70% preferred series C	25	23⅞	--
4.70% preferred series D	25	39½	--
5½% preferred series E	25	39½	--
Savannah Electric & Power Co	5	35¾	37⅞
4.36% preferred series A	100	92	--
Sierra Pacific Power Co	3.75	36	36½
South Atlantic Gas Co com	5	21½	22½
5% preferred	100	92	--
South Georgia Natural Gas Co	1	13	13½
South Pittsburgh Wat 4½% pfd	100	92	--
Southeastern Telephone Co	10	28¾	31⅛
Southern California Edison		a--	--
Southern California Water	5	19	19½
Southern Gas & Water Co com	*	34½	36⅞
$4.50 preferred	*	82	--
$5 preferred	*	92	--
Southern Gulf Utilities Inc	5c	16	17¼
Southern New England Tel	25	51¾	54⅜
Southern Union Gas Co common	1	30¾	32⅝
4¼% preferred	100	84	--
4½% preferred	100	90	--
4¾% preferred	100	95	--
5% preferred	100	99	--
5.05% preferred	100	100	--
5.35% preferred	100	101	--
Southwest Gas Corp common	1	34¾	35½
$1.20 conv prior preferred	9	35	37⅜
Southwest Gas Producing	1	8	8¾
Southwestern Electric Power—			
4.65% preferred	100	100	--
4.28% preferred	100	95	--
Southwestern Electric Service	1	22¾	24⅝
Southwestern Public Service Co—			
3.70% preferred	100	78	--
3.90% preferred	100	85	88
4.15% preferred	100	88	90
4.36% preferred	25	24⅛	24⅝
4.40% preferred	25	24½	25
4.60% preferred	100	99	102
5% preferred	25	26¼	--
Southwestern States Telephone	1	42⅞	43¼
$1.32 conv preferred	25	46	--
$1.44 conv preferred	25	48½	--
Springfield Gas Light Co	10	29	30½
Susquehanna Corp	1	7⅞	8⅛
Syracuse Transit Corp	*	21	--
Tampa Electric Co—			
4.32% series A preferred	100	97½	99
4.16% series B preferred	100	94½	95½
5.10% series C preferred	100	104½	106
Telephone Inc	1	10½	11¾
Telephone Service Co. of Ohio—			
Class A	1	32½	33½
Class B	1	39	41
$5 non-cum preferred	5	88	--
Tennessee Gas Transmission Co			
4.10% preferred	100	92½	--
4.25% preferred	100	93½	--
4.50% conv 2nd preferred	100	101	--
4.60% preferred	100	97½	--
4.64% preferred	100	97½	99½
4.65% preferred	100	99	101
4.72% conv 2nd preferred	100	96¼	97¼
4.90% preferred	100	99½	101
4.92% conv 2nd preferred	100	103	104
5% convertible 2nd preferred	100	102½	103½
5.08% preferred	100	102½	103½
5.10% preferred	100	102	103½
5.12% preferred	100	102	103½
5.24% preferred	100	103	104½
5.25% preferred	100	102½	104
Tennessee Natural Gas Lines	1	14	15⅛
Texas Eastern Transmission—			
5% preferred	100	99½	101
5.125% conv preferred	100	110	111
5.35% subord conv pfd	100	116	118
5.50% 1st preferred	100	101½	103½
5.52% preferred	100	102½	104
5.60% preferred	100	103	104½
5.75% subord conv pfd	100	142	144
5.80% preferred	100	104½	--
5.85% preferred	100	105	--
6.70% preferred	100	106	--
Texas Electric Service Co—			
$4 preferred	*	91	--
$4.56 preferred	*	99	--
$4.64 preferred	*	101	--
$5.08 preferred	*	104	--
Texas Gas Producing	25c	14	15

*No par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend. y Ex-stock dividend. z Ex-rights.

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PUBLIC UTILITY STOCKS

QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

Stocks—	Par	Bid	Ask
Texas Gas Transmission Corp—			
5¼% conv 2nd preferred	100	140	--
4.96% preferred	100	100½	102
5.40% preferred	100	101½	--
Texas Power & Light Co—			
$4 preferred	*	86	89
$4.56 preferred	*	100	--
$4.76 preferred	*	100	--
$4.84 preferred	*	102	--
Toledo Edison Co—			
4.56% preferred	100	102	--
Trans-Canada Pipe Lines Ltd	1	27⅜	27¾
Transcontinental Gas Pipe Line—			
Common	50c	24⅛	24⅜
$2.55 preferred	*	51½	52½
$4.90 preferred	*	100	101½
$5.26 preferred	*	103	104½
$5.60 preferred	*	103	--
$5.70 preferred	*	104½	106
$5.96 preferred	*	105	107
Tucson Gas & Electric Lt & Pow	5	21⅜	22¾
United Cities Gas Corp (Ill)—			
Common	1	15½	16¼
United Gas Improvement—			
4¼% preferred	100	96	98
United Illuminating Co	*	36½	38
United Telephone Co of Pa—			
4½% preferred series A	100	97	--
United Traction (Albany)	*	19	--
United Transit Co common	1	7½	8½
5% preferred	50	43	--
Upper Peninsula Power			
5¼% preferred	100	29½	30
Common (split 3-for-2)	9	95	--
Utah Power & Light Co—			
$1.28 preferred series A	25	26¾	--
$1.18 preferred series B	25	26⅛	26⅝
Utilities & Industries Corp	2	18¼	19
Virginia Electric & Power Co—			
All issues listed NYSE			
Virginia Telep & Teleg Co	10	23	30
Volunteer Natural Gas	1	7½	8
Washington (D. C.) Gas Light—			
$4.25 preferred	*	88¼	--
$4.60 convertible preferred	*	145	--
$4.80 preferred	*	103	--
$5 serial preferred	*	104	106½
Washington Natural Gas Co	10	36¾	38⅞
West Coast Telephone Co—			
Common	5	24⅜	24¾
$1.44 junior conv preferred	25	59	--
West Ohio Gas	5	x17	18⅛
West Penn Power Co	*	80	84
West Texas Utilities 4.40% pfd	100	95½	--
Westcoast Transmission Co Ltd	*	14	14½
Western Gas Service	2	17½	19⅛
Western Kentucky Gas	5	25½	27¾
Western Light & Telephone—			
Common	5	38¼	40⅜
5% preferred	25	25½	--
Western Massachusetts Cos	50c	32	33⅞
Western Power & Gas com	5	33⅝	34
4.75% preferred series A	50	49½	51
4.75% preferred series B	50	49½	51
4.72% preferred 1st series	50	49½	51
4.72% preferred 2nd series	50	49½	51
5.44% preferred	50	52½	53½
$2.75 preferred	*	53	53¾
$2.55 preferred	50	52¾	53½
Western Utilities Corp	1	15½	15⅞
White River Propane Gas	1	2¾	3¼
Wisconsin Electric Power Co—			
3.60% preferred	100	79½	81
Wisconsin Michigan Power—			
4½% preferred	100	98½	--
Wisconsin Power & Light Co—			
Common	5	24¼	24¾
4.40% preferred	100	96	--
4.80% preferred	100	101	--
4.96% preferred	100	102½	--
Wisconsin Public Service Corp—			
5% preferred	100	103	--
5.04% preferred	100	103	105
5.08% preferred	100	103½	--
Wisconsin Southern Gas	10	26½	--
York County Gas	20	34	--
York Water Co	10	35	--

*No par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend. y Ex-stock dividend. z Ex-rights.

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Investing Companies Stocks and Bonds

QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

NOTICE—All bonds prices are "and interest" except where marked "f" and income and defaulted bonds

OVER-THE-COUNTER STOCKS AND BONDS

	Par	Bid	Ask
Aberdeen Fund Inc	25c	2.27	2.48
Admiral Finance 6¼s 1970		98½	--
Advance Growth Capital Corp	1	3⅞	4⅛
Advisers Fund Inc	1	6.67	7.35
Aetna Finance Company common	1	13½	14
5⅝s conv subord debs 1975	F-A	110	112
Affiliated Fund Inc	1.25	8.25	8.92
Aid Investment & Discount Inc—			
6% capital notes 1972	M-S	75	80
All-State Credit class A	10c	2⅜	2⅞
Allied Empire Corp	1	7	9
Allied Finance Co	5	37	--
American Business Shares Inc	1	4.19	4.54
American Discount Co of Georgia	*	29	30
American European Securities	*	28½	29½
American Financial Corp	*	17¾	19⅜
American Growth Fund Inc	1c	6.24	6.75
American Investors Corp	1	1 1/16	1 3/16
American Investors Fund	1	‡16.87	--
American Mutual Fund Inc	1	9.50	10.38
American Realty Trust	1	10½	10¾
Amer Savings & Loan Assn	33⅓c	6½	6⅞
Anchor Corp class B non-vot	50c	15¼	15¾
Anderson New England Cap Corp	1	6¾	7¼
Arizona Bancorporation	10	21¼	23
Associated Fund Inc trust shares	*	1.58	1.74
Associates Investment Co—			
4⅜s debentures 1984	M-N	99	--
Atkinson Finance com	5	20½	22½
5% preferred	100	70	--
Atlas Credit Corp common	10c	9¼	10
Class B common	10c	9¾	10¾
Atlas Finance Co Inc	5	9½	10¼
Atomics Physics & Science Fund Inc	33⅓c	4.91	5.36
Automobile Banking Corp com	25c	5⅜	5¾
Class A purchase wts		1 1/16	1⅛
$1.50 preferred	25	21	23
6% convertible B preferred	10	7	--
6¼s capital debs ww 1976	F-A	99	--
Avemco Finance Corp	50c	5½	5¾
Axe-Houghton Fund A Inc	1	5.78	6.28
Axe-Houghton Fund B Inc	1	9.08	9.87
Axe-Houghton Stock Fund Inc	1	4.10	4.48
Axe Science & Electronics Corp	1c	11.34	12.33
Axe-Templeton Growth Fund of Canada Ltd	25c	9.88	10.80
Baystate Corp	7.50	57½	58½
Beneficial Corp	1	36	36⅝
Beneficial Finance Co—			
4.45s debentures 1988	J-D	100½	--
Blue Ridge Mutual Fund Inc	1	11.99	13.10
Bondstock Corp	1	4.81	5.26
Boston Capital Corp	1	8⅛	8⅜
Boston Fund Inc	1	9.69	10.59
Boston Investment Co	50	140	--
Brentwood Financial Corp	1	11¾	12⅞
Broad Street Investing Corp	50c	14.40	15.57
Budget Finance Plan—			
6s series A Subord cap inc debs 2010	Q-J	94	--
Bullock Fund Ltd	1	13.65	14.96
Business Funds, Inc	8	6⅛	6¾
California Financial Corp. 5s conv subord debs 1977	A O	115	119
California Fund Inc	1	7.32	8.00
California Growth Capital Inc	5	5¼	5⅝
Cambridge Financial Corp cl A	1c	½	⅞
Canada General Fund (1954) Ltd	1	17.37	18.98
Canadian Fund Inc	1	17.58	19.63
Canadian Inter'l Growth Fd Ltd	1	11.47	12.53
Capital Life Insurance & Growth Stock Fund	1c	10.82	11.86
Capital Southwest Corp	1	5⅞	6½
Carolinas Capital Corp	1	5¾	6¼
Centennial Fund Inc		‡11.68	--
Central Invest Corp of Denver	2.50	1.45	1.55
Century Shares Trust (Boston)	1	14.30	15.63
Channing Financial Corp com	1	9¼	10¼
80c convertible preferred	1	16	--
Chase Fund of Boston	1	6.47	7.07
Chemical Fund Inc	25c	11.35	12.34
Christiana Securities Co com	1.25	227	233
7% preferred	100	134	139
C I T Financial Corp—			
5⅛s debentures 1980	J-J	105	--
4⅝s debentures 1979	J-J	101¼	--
Series debentures—			
4¾s	July 1 1963	100¼	--
4¾s	July 1 1964	100½	--
4¾s	July 1 1965	101¼	--
4¾s	July 1 1966	101¾	--
4¾s	July 1 1967	102	--
4¾s	July 1 1968	102	--
4¾s	July 1 1969	102	--
4¾s	July 1 1970	103½	104½
Citizens & Southern Capital Corp	1	3⅞	4⅛
Civic Finance Corp	2	14½	16¼
Colonial Acceptance Corp—			
Class A common 1st series	1	7	7¼
Colonial Fund, Inc	1	11.66	12.74
Colonial Growth & Energy Shares	1	12.47	13.63
Commerce Investment Corp	1	1⅜	1¾
Commercial Credit Co—			
3½% notes due 1965	J-D	99	--
3⅝% notes 1976	F-A	93	--
4¼% notes 1974	A-O	99½	--
4½% subord notes 1977	M-S	100½	--
5% notes 1977	J-D	105	106
4⅛% notes 1978	J-J	98	99
4¾% notes 1979	J-J	103¾	104¼
4¾% notes 1980	M-N	103½	104
5¼% notes 1980	J-J	105¼	--
4⅜% notes 1981	A-O	100	100¼
Commonwealth Financial Corp	10	11¾	13
Commonwealth Income Fund Inc	1	10.05	10.98
Commonwealth International & General Fund Inc	1	10.26	11.21
Commonwealth Investment	1	10.04	10.97
Commonwealth Loan 4% pfd	100	81	--
Commonwealth Realty Trust—			
Certificates of beneficial interest		9¼	9⅝
Commonwealth Stock Fund	1	16.43	17.96
Composite Bond & Stock Fund	50c	9.57	10.40
Composite Fund Inc	50c	8.73	9.49
Concord Fund Inc	1	12.68	13.71
Congress Street Fund Inc		‡90.75	--
Consolidated Credit Corp—			
Class B	1	7¾	8¼
Consolidated Investment Trust	1	20.25	21.75
Consumers Acceptance Corp—			
Class A	10c	10¼	11¼
Continental Capital Corp	10	10¼	11⅛
Continental Fund Distributors—			
Units		--	1⅛
Continental Growth Fund Inc	1c	6.80	7.43
Continental Investment Corp	3⅓	11½	12
Continental Mortgage Investors	*	11	11⅜
Corporate Leaders Trust Fund B		20.29	22.14
Crown Western Investments Inc—			
Diversified Income Fund	1	7.01	7.66
De Vegh Investing Co Inc	1	18.29	18.47
De Vegh Mutual Fund Inc	1	61.17	61.79
Delaware Fund Inc	1	11.60	12.68
Delaware Income Fund Inc	1	10.84	11.85
Delaware Valley Financial Corp—			
Class A	1	2¾	3⅛
Class B	1	1¼	1⅝
Delta Capital Corp	1	5⅜	6
Dempster Investment Co	1	6¼	7¼
Denver Real Estate Inv Assn	*	9¼	9¾
Developers Small Business Investment Corp	1c	3	3⅜
Devonshire Street Fund Inc		‡9.98	--
Dial Finance Co	*	38	40½
Distributors Group Inc "A"	5c	4½	5½
Diversification Fund Inc		‡22.03	--
Diversified Growth Stock Fund	1	8.74	9.58
Diversified Investment Fund	1	9.28	10.17
Diversified Trustee Shares ser C	1	16⅝	--
Dividend Shares Inc	25c	3.46	3.50
Dow Theory Investment Fund Inc	1	4.90	5.30
Dreyfus Fund Inc	1	17.54	19.07
Eaton & Howard Balanced Fund	50c	12.75	13.77
Eaton & Howard Stock Fund	50c	14.08	15.22
Economic Investment Trust—			
3s series B 1964	J-J	98	--
Electronics Capital Corp	1	8⅞	9⅝
Electronics Investment Corp	1	5.28	5.77
Electronics International Capital Ltd	£1	5¾	6⅜
Electro-Science Investors Inc com	1	1½	1¾
5½s debs esr A 1972	M-S	65⅛	65½
Empire Financial Corp	1	16⅛	16⅝
Empire Fund		‡23.64	--
Energy Fund Inc	1	‡22.45	--
Equitable Credit Corp (N Y)—			
20c participating preferred	2	5½	--
Equitable Credit & Discount—			
6½s junior conv sub debs '77	F-A	90	100
Common	*	1⅞	2⅜
Equitable Savings & Loan Assn	4	32¾	33½
Equity Fund Inc	20c	9.15	9.48
Equity Investment Corp	10c	1/8	⅜
Far West Financial Corp	1	20	21½
Federal Street Fund Inc	1	‡46.45	--
Federated Growth Fund	1	10.47	11.45
Federated Investors Inc—			
Class B non-vot	5c	5	6
Fidelity America Financial Corp	10c	1½	2
Fidelity Capital Fund Inc	1	8.75	9.51
Fidelity Fund Inc	1	16.32	17.64
Fidelity Trend Fund Inc	1	14.40	15.65
Fiduciary Mutual Invest Co Inc	1	t9.57	10.35
Above shares split 2-for-1			
Finance Co of Pennsylvania	10	80½	83½
Financial Corp of Arizona	5	6⅜	7½
Financial Corp of Santa Barbara	1	14	15¾
Financial Industrial Fund Inc	1c	4.41	4.83
First Bank Stock Corp	10	64¼	65
First Boston Corp	10	82	86
First Connecticut Small Business Investment Co	1	8	8⅜
First Financial Corp of the West	*	13¼	14⅜
First Investors Corp class A	1	9⅜	10⅜
First Lincoln Financial Corp	*	18⅝	19
First Midwest Capital Corp	5	5¼	6⅜
First Mortgage Investors	*	9¾	10¼
First National Real Estate Trust	*	7⅞	8⅝
First Research Corp	10c	2 7/16	2⅝
First Small Business Investment Corp of N J	1	6⅜	6⅞
First Southern Co	1	3¾	4
First Surety Corp	1	18¼	19⅝
First Virginia Corp	1	4¼	4½
First Western Financial Corp	1	34¾	36⅞
Florida Bancgrowth Inc	1	11½	12
Florida Growth Fund Inc	10c	x5.92	6.47
Florida Mutual Fund	1	2.18	2.38
Founders Mutual Depositor Corp—			
(Colo) class A	*	2½	2⅞
Founders Mutual Fund	*	6.29	6.84
Foursquare Fund Inc	1	10.89	11.90
Franklin Custodian Funds—			
Bond series	1c	2.58	2.84
Common stock series	1c	6.04	7.30
Preferred stock series	1c	2.64	2.90
Utilities series	1c	7.76	8.53
Franklin Realty—			
Shares of beneficial int	*	10	11
Fund of America Inc	1	7.86	8.54
Fundamental Investors Inc	1	9.89	10.84
Funds for Business class A	10c	5½	6½
General Acceptance Corp—			
Senior deb 4¾s 1971	F-A	99¼	--
Subord deb 5s 1970	J-D	100	--
Subord deb 6¼s ww 1974	M-N	116	--
Senior debs 5½s 1976	A-O	100	--
6s senior debentures 1980	F-A	101	--
5s conv subord debs 1981	J-D	100	--
General America Corp	5	123	126
General Contract Finance Corp—			
5½% conv preferred series A	20	x18¾	19¾
General Corp of Ohio	1	18⅞	20¼
General Investors Trust	1	7.04	7.65
General Motors Acceptance Corp of Canada Ltd—			
4s June 1 1964		91½	92½
4¾s Dec 15 1969		91	92
Gibraltar Financial Corp of Calif—			
4½s conv subord debs 1976	J-D	100	--
Government Employees Financial Corp	2	35	37
Great Southern Real Estate Trust	*	10	10½
Great Southwest Corp	1	16¾	18⅜
Greater Washington Indus Invests	1	3⅞	4⅛
Greenfield Real Estate Inv Tr	*	16	17
Group Securities Inc—			
Aerospace-Science	1c	7.08	7.74
Common (The) Stock Fund	1c	13.56	14.85
Fully Administered Shares	1c	9.68	10.61
Growth Capital Inc	1	10½	11½
Growth Industry Shares Inc	1	18.50	19.56
Guardian Mutual Fund Inc	1	‡22.47	--
Gulf-Southwest Capital Corp	1	5⅞	6½
Hamilton Funds Inc—			
Series H-C7	1c	5.18	5.66
Series H-DA	1c	5.06	--
Hamilton Management Corp—			
Class A com non-vot	10c	15⅝	16⅞
Hawthorne Financial Corp	1	9	10
Hilton Credit Corp	1	3¼	3½
Illinois Capital Investment Corp	1	4	4½
Imperial Capital Fund Inc	1c	8.07	8.77
Imperial Fund Inc	c	3.60	--
Income Foundation Fund	10c	2.43	2.66
Income Fund of Boston Inc	1	8.41	9.19
Incorporated Income Fund	1	9.78	10.69
Incorporated Investors	1	7.27	7.95
Institutional Shares Ltd—			
Institutional Foundation Fund	1c	12.15	13.28
Institutional Growth Fund	1c	10.81	11.81
Institutional Income Fund	1c	7.41	8.10
Insurance Securities Inc	*	17⅜	18⅝
International Resources Fund Inc	1c	4.81	5.26
Interstate Finance Corp	1	20¾	21½
Interstate Securities Co	5	9½	10½
Investment Co of America	1	10.63	11.62
Warrants		17	18
Investment Corp of Florida	2c	1⅞	2⅛
Investment Trust of Boston	1	11.67	12.77
Investors Capital Exchange Fund		‡82.25	--
Investors Diversified Services—			
Class A non-voting	1	207	218
Investors Group Funds—			
Investors Mutual Inc Fund		11.53	12.46
Investors Stock Fund		18.88	20.41
Investors Selective Fund		10.49	11.22
Investors Variable Paymt Fund		6.33	7.38
Investors Intercontinental		6.31	6.83
Investors Research Fund	1	12.95	14.15
Istel Fund Inc	1	36.51	37.24
Japan (The) Fund Inc	1	11⅞	12¾
Johnston Mutual Fund Inc	1	‡13.65	--
Keystone Custodian Funds Inc—			
Class A com non-vot	*	17¾	18½
B-1 Investment Bond Fund	1	x24.76	25.84
B-2 Medium-Grade Bond Fund	1	23.30	25.42
B-3 Low Priced Bond Fund	1	16.85	18.43
B-4 Discount Bond Fund	1	10.28	11.23
K-1 Income Fund	1	9.68	10.57
K-2 Growth Fund	1	x5.24	5.72
S-1 High-Grade Com Stk Fund	1	22.20	24.22
S-2 Income Com Stock Fund	1	13.06	14.25
S-3 Growth Com Stk Fund	1	15.21	16.60
S-4 Low Priced Com Stk Fund	1	4.33	4.73
Keystone International Fund Ltd	1	14.94	16.16
Knickerbocker Fund	1	6.50	7.13
Knickerbocker Growth Fund Inc	1	6.70	6.79
Lazard (The) Fund Inc	1	16.75	17.62
Lexington Income Trust	1	11.30	12.35
Liberty Loan Corp common	1	42½	45⅜
5¾% conv preference	25	30¼	31
Liberty Real Estate Trust	1	7⅜	8
Life Insurance Investors Inc	1	17.63	18.61
Life Insurance Stock Fund Inc	1	6.31	6.87
Loomis-Sayles Canadian & International Fund Ltd	1	‡30.95	--
Loomis-Sayles Mutual Fd Inc	1	‡15.74	--
Lytton Financial	1	35¼	35¾
Major Finance Corp	2	n2¾	3¼
Managed Funds—			
General Industries shares	1c	1.79	1.96
Special Investment shares	1c	1.54	1.68

*Without par value. ‡Net asset value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock x Ex-dividend. y Ex-stock dividend.

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INVESTING COMPANIES SECURITIES

QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

NOTICE—All bonds prices are "and interest" except where marked "f" and income and defaulted bonds

Stocks and Bonds—	Par	Bid	Ask
Marine Capital Corp	1	8	8½
Massachusetts Investors Trust—			
Shares of beneficial interest	33⅓c	15.00	16.39
Mass Investors Growth Stock Fund Inc	1	8.26	9.03
Massachusetts Life Fund	1	23.42	25.60
Medical Securities Inc	1	10.44	11.41
Mercantile Financial Corp	2	11⅜	13
Midland Capital Corp	1	8	8⅝
Midland-Guardian Co	*	18¼	19¼
Mid-States Business Capital	1	7	7⅝
Midwestern Corp	1	10⅞	11⅜
Minnesota Capital Corp	10c	35c	45c
Monmouth Capital Corp	1	5	5⅜
Morton (B C) Fund Inc—			
Growth Series		6.60	7.23
Insurance Series		8.62	9.45
Mutual Investing Foundation	1	15.39	16.64
Mutual Investment Foundation Growth Fund		4.42	4.78
Mutual Investment Fund	1	9.74	10.69
Mutual Shares Corp	1	‡14.78	—
Mutual Trust Inc—			
Shares of beneficial interest	25c	2.90	2.96
Narragansett Capital Corp	1	4	4½
Nation Wide Secur Co Inc (Md)	1	22.96	24.84
National Capital class A	1	1 1/16	3 1/16
National Investors Corp	1	15.57	16.83
National Realty Investors	*	11½	12
Nat'l Securities & Research	8⅓c	9½	9⅞
National Securities Series—			
Balanced series	1	11.70	12.79
Bond series	1	6.27	6.85
Dividend series	1	4.28	4.68
Preferred stock series	1	7.29	7.97
Income series	1	5.99	6.55
Stock series	1	8.07	8.82
Growth stocks series	1	x7.97	8.70
New England Fund	1	11.61	12.55
New Horizons R P Fund Inc	1	9.56	9.66
New York Capital Fund Ltd	34c	‡16.37	—
North River Securities (N Y)	1	4	4½
Nucleonics Chem & Electronics Shs	1	12.85	14.04
Oceanic Trading Co	10c	34	39
Ohio Capital		‡15.97	—
One William Street Fund Inc	1	13.02	14.23
Oppenheimer Fund Inc	1	15.69	17.15
Over-The-Counter Sec Fund Inc	1	5.68	6.17
Oxford Finance Cos Inc	1	5½	6¼
Pacific Finance Corp			
3½s debenture 1965	J-J	96	—
4⅛s debentures 1971	A-O	102	—
4½s capital debs 1967	M-S	98	—
Pacific Savings & Loan Ass'n	18c	17	19⅜
Parker Finance Corp	50c	2⅛	2⅝
Penn Square Mutual Fund—			
Ctfs of beneficial interest		‡16.56	—
Pennsylvania Real Estate Investment Trust	8	10	10¾
Pennsylvania Utilities Investment	1	21	23
Peoples Securities Corp	50c	8.11	8.89
Philadelphia Fund Inc	1	11.67	12.79
Pine Street Fund Inc	50c	12.30	12.42
Pioneer Finance Co	1	10¼	11
Pioneer Fund Inc	2.50	9.58	10.47
Price (T Rowe) Growth Stock Fund Inc	1	15.66	15.82
Provident Fund for Income Inc	1	4.31	4.71
Puerto Rico Capital Corp	1	4⅛	4⅜
Puritan Fund Inc	1	8.85	9.57
Putnam (George) Fund of Boston—			
Ctfs of beneficial interest	1	15.11	16.51
Putnam Growth Fund	1	8.87	9.69
Putnam Management Co Inc		8	8⅜
Quarterly Distribution Shares Inc	1	7.14	7.80
Research Investing		11.03	12.05
Revere Fund Inc	1	10.76	11.70
Ritter Finance Co—			
6% conv preferred	50	48	—
6½s subord sf debs 1975 ww	M-N	99	—
Rittenhouse Fund		‡13.32	—
Rochester Capital Leasing Corp—			
Class A	1	18	18½
St Louis Capital	1	a7½	8⅛
Science Capital Corp	1	4¼	4½
Scudder Fund of Canada Ltd	25c	‡14.56	—
Scudder, Stevens & Clark Balanced Fund Inc	1	‡19.66	—
Scudder Stevens & Clark—			
Common Stock Fund	1	‡10.55	—
Second Centennial Fund Inc		‡15.49	—
Securities Invest Co of St Louis—			
4¾s debs 1968	J-D	96	—
Selected American Shares Inc	1.25	9.84	10.64
Shareholders Trust of Boston	1	11.17	12.21
Shares in American Industry Inc		14.31	15.61
Shawmut Association	*	39¼	42
Sierra Capital Corp	*	5	5¼
Small Business Investment Co of New York	1	11	11⅜
Smith Investment Co	2	2,100	—
Southeastern Capital Corp	1	5¾	6⅜
Southeastern General Corp	10c	1¼	1⅝
Southwestern Capital Corp	1	1⅝	1⅞
Southwestern Investment Co	2.50	12⅞	13⅜
5½s senior notes 1975	M-S	100	—
5¾s capital notes 1975	M S	98	—
Southwestern Investors Inc	50c	8.54	9.23
Southw't'n Research & Gen Inv	5	5¼	5¾
Sovereign Investors Inc	1	14.97	16.40
Spring Street Capital Co	1	6	6⅝
State Loan & Finance Corp—			
Class A	1	23¼	23¾
6% preferred	25	25½	26
3¾s debentures 1966	M-N	96	—
5.40s s f debs 1980	J-J	102½	—
5.40s s f debs 1981	J-D	102½	—
6s subord s f debs 1977 ww	M-S	110	—
5½s subord s f debs '78 ex	M-N	97	—
5¾s 1978 ww	M-N	108	—
State Street Investment Corp	10	39.50	42.25
Stein Roe & Farnum Balanced Fund Inc	1	‡38.14	—
Stein Roe & Farnham—			
Stock Fund	1	‡32.74	—
Sterling Investment Fund Inc	1	12.39	13.39
Techno Fund Inc	1	3⅛	3⅝
Television-Electronics Fund	50c	7.59	8.27
Television Shares Management Corp	1c	8	8⅞
Templeton Damroth Corp	10c	5½	6½
Texas Capital Corp	1	4⅝	5⅛
Texas Consumer Finance	80c	3½	4
Texas Fund Inc	1	12.04	13.16
Thorp Finance Corp	1	7⅜	8⅜
Thrift Investment Corp common	1	10½	11½
$1.50 conv preferred	*	27½	29½
Townsend Corp of America—			
Common	25c	⅝	⅞
5% conv preferred	10	5½	6½
Traders Finance 5¾s 1973	J-J	93½	94½
Trans-Coast Investment Co	5	15	15⅜
Transcontinental Investing Corp—			
Class A common	1	9⅞	10¼
6½s conv subord debs 1981		94	—
Tri-Continental Corp—			
3⅞s debs series A 1966	M-S	99½	—
20th Century Growth Investors	10c	3.96	4.33
UBS Fund of Canada	1	10.95	11.97
Union Financial Corp	1	7¾	8⅝
United Funds Canada Ltd	1	18.63	20.25
United Funds Inc—			
United Accumulative Fund	1	14.65	16.01
United Continental Fund	1	6.96	7.61
United Income Fund	1	12.48	13.64
United Science Fund	1	6.81	7.44
United International Fund Ltd	£1	10.13	11.11
United Investors Corp. (Del.)—			
Class A	1	3⅝	4⅛
United Pacific Corp	1	40	41
U S Realty Investments (Ohio) Shares of beneficial interest		9⅛	9⅞
U S Realty & Invest Co of N J	1.50	5½	7½
Value Line Fund Inc	1	6.83	7.46
Value Line Income Fund Inc	1	5.42	5.92
Value Line Special Situations Fund Inc	10c	3.06	3.34
Vance, Sanders & Co Inc	50c	18¼	19½
Vanguard Fund Inc	1	5.76	6.30
Virginia Capital Corp	1	5⅞	6⅜
Waddell & Reed cl A com n-v	1	18¼	19⅝
Wall Street Investing Corp	1	9.54	10.43
Wallace Investments Inc	2	7½	8¼
Washington Mutual Inv Fund Inc	1	10.70	11.69
Washington Real Estate Investment Trust	1	6½	6¾
Water Industries Capital Corp	1	a9½	—
Ex-distribution		1¼	1⅜
Wellington Equity Fund Inc	1	13.83	15.03
Wellington Fund	1	x14.57	15.88
Wellington Management Co—			
Class A common (non-voting)	10c	25¾	26¼
West Bay Financial	1	8½	9½
Westland Capital Corp	1	7	7⅜
Westminster Fund Inc		‡11.23	—
Whitehall Fund Inc	1	13.81	14.93
Winfield Growth Indus Fund Inc	10c	7.66	8.37
Wisconsin Fund Inc	1	6.89	7.45

* Without par value. ‡ Net asset value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. Ex-dividend y Ex-stock dividend.

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Industrial and Miscellaneous Securities

Under the heading "Industrial and Miscellaneous Securities" we include all Bond issues which do not appear under the previous three headings, namely "Railroads," "Investing Companies" and "Public Utilities."

QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

NOTICE—All bond prices are "and interest" except where marked "f" and income and defaulted bonds

OVER-THE-COUNTER INDUSTRIAL AND MISCELLANEOUS BONDS

Bonds—	Bid	Ask
ACF-Wrigley Stores Inc—		
4¾s conv subord debs 1972 A-O	102	105
Abitibi Power & Paper—		
1st 3½s series A 1967 A-O	98	—
4½s series A 1966	94½	96
6¼s series C 1977 M-N	97½	99½
Acme Steel Company—		
4⅞s s f debs 1977 J-D	100	—
Aerojet-General Corp—		
5¼s s f debentures 1981 M-N	101	—
Albee Homes Inc—		
5s conv subord debs 1982 J-D	72	75
Allegheny Airlines Inc—		
6¼s conv subord debs 1975 F-A	150	155
Allegheny Pepsi-Cola Bottling—		
6¼s sub s f debs 1977 w w J-D	145	150
Without warrants	92½	94½
Allied Stores Corp. 4¾s 1976 M-N	100½	—
Aluminum Co of Canada Ltd—		
3½s debs 1971 J-J	85½	87½
American Biltrite Rubber Co—		
4¾% conv subord debs 1983 M-N	104	104¾
American Brake Shoe Co—		
4½s s f debentures 1982 F-A	101⅜	—
4½s s f debentures 1987 F-A	101	—
American Cement Corp—		
5s s f debentures 1978 A-O	101½	—
American Electronics Inc—		
5¼s conv subord debs 1973 A-O	67	—
American Export Lines—		
4.50s Sept 1 1985	101½	—
American Hide & Leather Co—		
5s conv inc debs 1975 A-O	f85	89
American Optical Co 3⅛s 1968 M-S	95	—
American Petrofina Inc—		
5½% subord conv debs 1973 J-J	99½	—
American Pipe & Construction—		
4¾s conv subord debs '77 M-S	99½	100½
American President Lines 5s 1981	102½	—
American Saint-Gobain Corp—		
5½s subord conv debs 1983 A-O	82	85
American Silica Sand—		
3-5s 1973 w s	f22	26
Anderson Clayton 4¼s 1998	71	75
Anelex Corp—		
5½s subord debs w w 1974 J-D	n123	—
Without warrants	86¾	—
Arden Farms Co—		
5s conv subord debs 1986 J-J	99	103
Arkansas Valley Industries—		
6s conv subord debs 1977	91	96
Arlan's Dept Stores Inc—		
4½s conv subord debs 1982 M-N	91	93
Ashland Oil & Refining Co—		
3s debentures 1970 J-J	92	—
4½s s f debentures 1987 A-O	102	—
4.35s s f debs 1988	101½	—
Assembly Products Inc—		
5¾s conv subord debs 1972	97	99
Associated Dry Goods Corp—		
4¾s s f debentures 1980 A-O	100	—
Atlantic Co deb 5s 1980 A-O	98½	—
Atlas Corporation—		
5s conv subord debs 1977 F-A	118	122
Atlas Plywood Corp—		
5½s conv subord debs 1975 M-N	113	—
Automatic Canteen Co of Amer—		
5⅜s s f debentures 1981 J-J	99½	—
Automatic Retailers of America—		
4⅞s subord debs ww 1983 M-S	106½	108
Avis Inc—		
6s conv subord debs 1970 A-O	112	115
5½s conv subord debs 1972 F-A	140	—
Baltimore Paint & Chemical—		
6½s s f debentures 1973 A-O	85	—
BarChris Construction Corp—		
5½s conv subord debs 1976 M-N	f4	—
Barium Steel Corp—		
5½s conv subord debs 1969 J-D	71	77
Bausch & Lomb Optical Co—		
4½s conv subord debs 1979 J-D	109	110½
4¾s conv subord debs 1980 J-J	109	111
Beacon Hotel Corp (NY) —		
S f income 2-4s (ws) Feb 1958	f—	50½
Belco Petroleum Corp—		
6s conv subord debs x-stk 1974	132	—
5s conv subord debs 1977 M-N	105½	107
Bell Electronic Corp—		
5½s conv subord debs 1977 A-O	55	65
Benson Manufacturing Co—		
6s conv subord debs 1971 M-N	66	—
Berman Leasing Co—		
5½s conv subord debs 1983 M-S	114	119
Billups Eastern Petroleum—		
7s debentures 1993 J-J	77	—
Billups Western Petroleum Co—		
6s partic debs 1984 M-N	93	96
Boeing Airplane Co—		
5s debs 1978 F-A	101	—
Boston Insurance Exch Bldg—		
5s due 1953 ext to Apr 1968 ws	f100	—
Bowl-Mor Co Inc—		
5½s conv subord debs 1976	40	—
Briggs Leasing Corp—		
6¾s conv subord debs 1972 A-O	75	85
Units	95	105
Bristol-Myers Co—		
3⅜s debentures 1977 J-D	90	—
British American Oil—		
3½s s f debs 1974 M-S	80½	81½
British Columbia Forest Prod—		
4½s s f debs 1981 J-J	90	91
Broadmoor Corp—		
4-6s (w s) 1966 M-S	f134	—
Broadway-Hale Stores—		
5s cons subord debs 1979 F-A	119	—
Brooklyn Fox Corp (N Y)—		
1st 4s extd to Aug 1967 w s	f80	81½
Brown Co deb 4½s 1975 J-D	94	—
Burroughs Adding Machine Co—		
3⅜s s f debs 1977 J-D	91	—
Burroughs Corp—		
4⅜s s f debentures 1983 J-J	100	—
Bush Hog Inc—		
6½s conv subord debs 1973 A-O	102	106
Units	26¾	27¾
Calif Eastern Aviation Inc—		
6s conv 1968 F-A	98	102
Campbell Chibougamau Mines Ltd—		
6s 1st mtge s f conv 1968 M-N	99	101½
Canada Dry Ginger Ale Inc—		
4s s f debentures 1976 J-D	96	—
4¾ conv sub debs 1981 J-J	108	109½
Canada Steamship Lines—		
1st 4s 1966 J-D	97	—
Canadian Breweries Ltd—		
4¼s 1981 J-J	90¾	92¼
Canadian Petrofina Ltd—		
4s series A 1972 M-N	81½	83
Capital Airlines—		
4½s conv debs 4½s 1976	80	—
Carrier Corporation—		
4½s conv subord debs 1982 F-A	104	107
Cary Chemicals Inc—		
6¼s subord debs 1979 x-s M-S	83	85
1st 6s 1976	92	95
Celotex Corp—		
4½s conv subord debs 1976 M-N	86	87
Cenco Instruments Corp—		
4½s conv subord debs 1980 F-A	106	109
Central Charge Service Inc—		
6s 1975 w w F-A	105	—
Chanin Building —		
2d leasehold 2s 1970 (w s) M-S	f126	—
3d leasehold 1s 1970 (w s) M-S	f136	—
Charter Oil Co Ltd—		
5¾s subord conv debs 1972 F-A	84	—
Clark Cable Corporation—		
6½s conv subord debs 1972 J-D	90	100
Clark Equipment Credit Corp—		
5¼s debs series A 1981 M-S	102¾	—
Coastal States Gas Producing Co—		
5½s s f debs w w 1977 J-D	690	720
5½s 1977 ex-all warrants	104	—
6s s f debs 1980 w w M-S	234	—
6s 1980 ex warrants	105½	107
Collins Radio Co—		
4¾s conv subord debs 1980 M-S	98	101
4¾s conv subord debs 1983 J-J	125	127½
Colonial Stores Inc 4.90s 1977 M-N	99½	—
Combustion Engineering Inc—		
3½s s f debs 1979 M-N	86	—
Community Charge Plan—		
6s subord debs 1976	60	64
Units	75	—
Consolidated Cigar 4¼s 1975 J-D	94½	—
Consolidated Diesel Electric—		
6s conv subord debs 1975 J-D	90	93
Consolidated Leasing Corp of America 6½s debs 1978 A-O	98½	99½
6½s 1978 ex-wts	78	82
Container Corp of America—		
3.30s s f debentures 1980 J-J	91	—
4.40s s f debentures 1987 J-D	101	—
Continental Air Lines Inc—		
4¾s conv subord debs 1970 M-N	145	149
Control Data Corp—		
4¼s conv subord debs 1977 M-S	138	142
Cooper Tire & Rubber Co—		
5¼s senior sf debs 1974 ww A-O	118	—
5¼s 1974 ex-warrants	92	—
Coral Ridge Properties Inc—		
6¼s sf subord debs ww '77 A-O	94	99
Without warrants	88	93
Cornell-Dubilier Elec 3⅞s 1972 M-S	80	85
Cott Beverage Corp—		
Conv subord debs 5s 1976 J-J	89	—
Cowles Chemical Co—		
5¼s conv subord debs 1980 J-D	113	—
Crampton Mfg 5½s 1975 ww M-S	86	—
Crowell-Collier Publishing Co—		
5s 1983 (now listed NYSE)		
Cudahy Packing Co—		
1st mtge s f 2⅝s ser C 1967 M-N	90	—
Cuneo (The) Press Inc—		
5s conv subord debs 1978 J-D	88¼	89¼
Daitch Crystal Dairies Inc—		
5½% conv subord debs 1979 A-O	82	—
Dart Drug Corp—		
6s conv subord debs 1977 J-J	98	103
Dayton Rubber Co—		
5¼s conv subord debs 1972 J-J	109¼	112¼
5½s conv subord debs 1980 F-A	98	100
Deere & Co 4½s debs 1986 A-O	101½	—
Deere (John) Credit Co—		
4⅞s debentures ser A 1985 A-O	103½	—
4¾s debentures ser B 1981 A-O	103½	—
Dejur-Amsco Corp—		
6s conv subord debs 1974 J-D	73	78
Detroit Steel Corp 4⅞s 1970 A-O	100	—
Devoe & Raynolds Co 2⅞s '65 A-O	94	—
Diamond Alkali Co 3¾s 1978 F-A	91	—
Dilbert's Leasing & Development—		
5¾s conv debs 1979 J-D	f13	18
District Wholesale Drug Corp of Wash 6s 1976 A-O	100	—
Dixon Chemical Industries Inc—		
6s subord debs 1978 J-D	56	60
6s conv debs 1981	f56	—
Donnelley (R R) & Sons—		
3¾s debentures 1978 M-N	92½	—
Dorsey (The) Corp—		
6½s subord debs ww 1975 A-O	103	—
Doughboy Industries Inc—		
5½s conv subord debs 1977 A-O	94	—
Dulany Industries Inc—		
6½s s f subord debs 1977 ww J-J	103	107
6½s ex-warrants 1977	91	—
Dumas Milner—		
6s conv subord debs 1971	a—	—
Duriron Co Inc—		
4¾s subord debs 1975 J-D	138	—
Duro-Test Corporation—		
5½s sub debs ser A 1982 ww A-O	103½	105½
5½s without warrants 1982	n95	97
Eckerd Drugs of Florida Inc—		
7s conv subord debs 1971 J-J	116	—
Units	29	—
Economics Laboratory, Inc—		
4¾s conv debs 1976 A-O	142	146
Eddy (E B) Co 1st 4s s f 1974	86	88
Eichler Homes Inc 6½s debs 1973	97	100
810 South Spring Bldg—		
1st cum inc 3-5s 1966 ex-stk J-J	f85	—
Eitel-McCullough Inc—		
5¼s conv subord debs 1974 M-N	90	95
European Coal & Steel Community		
See High Authority (below)		
Executive House Inc—		
6s subord s f debs 1971 A-O	67½	69
Units	8½	9½
FMC Corporation—		
3⅛s conv subord debs 1981 A-O	105	106
Fairb'ks Morse & Co 2¾s 1967 M-N	84	88
5¾s conv subord debs 1972 J-D	91	93
Farrington Manufacturing Co—		
5½s conv subord debs 1970 A-O	49	52
Fashion Park deb 5s 1963 M-N	f95	—
Fed-Mart Corp—		
6s conv subord debs 1979 J-D	95	100
Fedders Corporation—		
5½s s f subord debs 1979 M-N	99¾	—
Federal Coal 5s 1969 ws J-D	f20	—
Federal Shell Homes Inc—		
9s conv subord debs 1981 A-O	28	32
Ferro Corp 3⅝s debs 1975 J-J	109	112
51 East 42nd Street—		
3s with stock 1966 Ann Mar	f126¾	—
Flintkote Company 4⅜s 1977 A-O	98½	—
4⅝s s f debentures 1981 A-O	102¾	—
Food Fair Properties Inc—		
5½s debentures 1975 M-S	82	86
Food Fair Properties Development—		
6s coll trust 1984 J-D	82	85
Units	44	47
Food Fair Stores Inc 3s 1965 J-J	95	—
3⅜s s f debentures 1974 M-S	86½	—
Food Machinery & Chemical Corp—		
2¾s s f debs 1969 F-A	91½	—
3.80s s f debentures 1981 J-J	94	—
Fram Corp 6s conv s f deb '66 J-D	385	—
Frontier Refining Co (Wyo)—		
6s conv subord debs 1969 M-N	105	109
Fruehauf Trailer Co—		
3¾s s f debentures 1974 J-D	93	—
Debenture 4s 1976 M-S	95	—
Conv subord debs 4s 1976 M-S	123	126
Garrett (The) Corporation—		
5¼s debentures 1982 J-J	103½	—
Gateway Sporting Goods Co—		
5⅜s conv subord debs 1977 M-S	111	114
Gem International Inc—		
5¾s conv subord debs 1979 M-N	100	101
General American Transportation—		
4.55 eq tr ctfs ser '59 1981 A-O	n103	104
4.30s eq tr ctfs ser '60 1983 J-J	—	100⅜
General Portland Cement Co—		
5s conv subord debs 1977 A-O	110½	—
General Tire & Rubber—		
6s subord debs ww 1982 A-O	207	—
Georgia Pacific Corp—		
Subord debs 5s 1976 J-J	98½	99½
Gera Corp 6s subord debs 1970 J-D	95	—
Glenmore Distilleries Co—		
4s s f debentures 1972 F-A	91	—
4¾s conv subord debs 1981 A-O	103	104
Grace Line Inc—		
SS Santa Paulo 4.20s 1978 A-O	100	—
SS Santa Rosa 4¼s 1978 J-J	99¾	—
Gray Drug Stores Inc—		
5s conv subord debs 1982	93	95
Great Plains Development—		
1-4s notes 1965 w w	102	—
Green River Steel 3½s 1982	23	26
Greer Hydraulics Inc—		
5½s conv debs 1965 M-S	91	95
Gyrodyne Co of Amer, Inc—		
6s conv subord debs 1976 ww M-S	93	98
Without warrants	88	93
Units	71	76
Hammermill Paper 3s debs '65	94	—
Harshaw Chemical Co—		
5s debentures 1978 A-O	101	—
Hathaway Bakeries 4s 1966 M-N	91	—
Hexazon Laboratories Inc—		
6s conv subord debs 1976 A-O	n70	—
Hickok Electrical Instrument—		
6s conv subord debs 1974 A-O	101	—
High Authority of the European Coal & Steel Community—		
Serial secured notes (14th series)		
4¾s Oct 15 1963	100	—
4⅞s Oct 15 1964	99¾	—
5s Oct 15 1965	99½	—
Highway Trailer Industries—		
6½s conv subord debs 1975 M-S	76	—

*No par value. ‡Net asset value. a Called for redemption, see page 94. e Ex-interest. f Flat price. k Last sale. n Nominal. r Canadian dollar value.

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INDUSTRIAL AND MISCELLANEOUS BONDS

QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

NOTICE—All bond prices are "and interest" except where marked "f" and income and defaulted bonds

Bonds—	Bid	Ask
Hilco Homes Corp—		
6½s conv subord debs 1979 M-S	n77	81
Hilton Hotels Corp—		
4½s conv debs 1970 J-J	86	91
6s subord debs 1984 w w	99	100½
Without warrants	90½	91½
Holly Sugar Corp—		
4⅜s conv subord debs 1983 M-N	116	118
Home Oil Co Ltd—		
5¾s conv debs 1971 J-D	95½	97½
6s conv subord debs 1975 J-J	101	103
Homestake Mining Co—		
5⅞s s f debs 1969 M-S	101	--
5⅛s subord conv debs 1972 M-S	125	129
Horne (Joseph) Co—		
5⅝s conv subord debs 1973 A-O	150	--
Hotel St George Corp (Brooklyn)—		
5½s 1971	72	75
Houston (The) Corp—		
5s subord debs 1968 F-A	97½	--
Hudson Bay Oil & Gas 4s 1975 M-N	83	85
Imperial Oil Ltd 3⅝s 1975 F-A	81	82
S F debs 3s 1969 J-D	84	85½
Indiana Limestone 4s 1975 J-J	70	72
Insurance Exchange Bldg (Bost)—		
5½% land trust ctfs	86½	--
International Airport Hotel System		
6s conv subord debs 1977 A-O	64	68
6s 1977 "units"	90	100
Int'l House of Pancakes 6s '76 A-O	95	100
Interstate Hosts Inc—		
5s conv subord debs 1981 M-N	100	102
Jefferson Lake Asbestos Corp—		
6½s ser A subord debs 1972 J-D	78	83
Units	96	--
Jessop Steel Co—		
5¾s conv subord debs 1975 J-J	94½	95½
Kaman Aircraft Corp—		
6s conv subord debs 1974 J-J	100	--
Kearney (James R) Co 6½s 1976	54	64
Kentucky-Jockey Club 6s 1973 J-D	55	60
Kerr-McGee Oil Industries Inc—		
5¼s s f debentures ww 1977 J-D	108	--
Without warrants	103	--
Keyes Fibre Co—		
5¼s subord debs ww 1985 J-D	124	--
Without warrants	104	108
Keystone Steel & Wire Co—		
4½s conv subord debs 1981 A-O	105½	106¼
Kidde (Walter) & Co Inc—		
5s conv subord debs 1972 A-O	90	93
Korfund Inc—		
6½s conv subord debs 1971	60	66
Units	120	140
Lafayette Radio Electronics—		
5½s conv subord debs 1976 M-S	97	101
Leeds Homes Inc—		
6s subord s f debs 1976 M-N	f14	18
Lehigh Portland Cement Co—		
4⅞s s f debs 1979 A-O	103	--
Lerner Stores Corp 3s 1967 J-J	90	--
Lester Engineering 6s 1976 M-S	100	110
Libby McNeill & Libby 2⅞s '67 F-A	95	--
Lit Brothers 4s debs 1970 M-S	94	--
Loblaw Groceterias Co Ltd—		
4¾s series D 1976 A-O	132	137
6s series E 1977 M-S	95½	97
Long Mile Rubber Corp—		
6s subord debs ww 1974 M-S	107	--
Loral Electronics Corp—		
4½s conv subord debs 1980 J-D	78	--
Lowenstein (M) & Sons—		
4⅜s cons subord debs 1981 F-A	80½	83¼
Lyntex Corp 6½s sf debs 1977	78	82
Macco Realty Co—		
6s conv subord debs 1977-97	97	100
Mack Trucks Inc—		
5⅛s subord debs 1981 ww A-O	107	109
Magnolia Park Inc—		
6s subord conv debs 6s 1969 A-O	17	--
Major Realty Corp 6s w w 1967 F-A	f42	--
Without warrants	f42	--
Mallinckrodt Chemical Works—		
5s conv subord debs 1974	103	--
Mansfield Tire & Rubber Co—		
5s conv debentures 1974	87	90
Marine (The) Corporation—		
4¾s conv debs 1979 M-N	106½	--
Marsh Supermarkets Inc—		
5s conv subord debs 1980 J-D	100	101½
Martin Paint 7s 1971	140	170
Mastan Co Inc—		
5½s senior notes 1977 A-O	100	--
Maust Coal & Coke Corp—		
5¼s s f debs 1977 A-O	99½	--
Mead Corp 4s debs 1983 J-J	93	--
4½s debentures 1986 A-O	101	--
Melville Shoe Corp—		
4⅞s debentures 1980 A-O	101	--
Merchants Refrigerating 5s '72 J-J	f86	--
Miami Window Corp—		
6½s s f debs ww 1974 M-S	f40	--
Without warrants	f40	--
Microdot 5½s conv sub debs 1977	98	100
Miles Labs 4¾s conv sub debs 1980	130	--
Minneapolis-Honeywell Regulator—		
4½s s f debentures 1986 A-O	101½	--
Minnesota & Ontario Paper—		
3.30s s f debs 1975 M-S	92½	--
Mississippi River Fuel Corp—		
4¾s s f debs 1978 M-S	102½	--
5⅜s s f debentures 1980 J-J	103	--
Mississippi River Transmission—		
5s s f debentures 1981 M-N	99½	--
Mitsui & Co Ltd—		
6⅜s conv s f debs 1978 M-S	105½	106½
Modern Homes Construction Co—		
6s subord debs 1981 J-J	72	74
Units	24	28
Mohawk Airlines Inc—		
6s conv subord debs 1975 J-J	132	142
Mohawk Business Machines Corp—		
Conv subord debs 1969 M-N	f20	--
Montecatini 5½s debs '79 w w J-D	106½	108½
Without warrants	102½	103½
Moore McCormack Lines Inc—		
SS Argentine series 5s Nov 1978	102½	--
S S Brazil 4.20s 1983 J-J	--	100
Morris Shell Homes Inc—		
8s subord debs 1986 J-J	f26	--
Motorola Inc 4¾s debs 1986 A-O	102½	--
Mountain Fuel Supply—		
3½s debentures 1971 A-O	95	--
3⅛s debentures 1974 J-D	89¼	--
4s debs 1983 J-D	96½	--
4⅞s debs 1986 M-S	104¾	--
Mueller Brass Co—		
3⅝s conv subord debs 1975 J-D	90	93
Munsingwear Inc—		
5s conv subord debs 1980 A-O	139	143
National Bagasse Products—		
Subord debs 7s 1967	65	67
Units	185	190
National Equipment Rental Ltd—		
6s s f subord debs 1970 F-A	87½	--
Newark Electronics Corp—		
5¼s conv subord debs 1982 A-O	80	85
Nixon-Baldwin Chemicals Inc—		
6½s subord debs 1980 M-N	88	--
Northern Chemical Industries—		
5½s subord debs 1969 J-D	72	--
Northwest Nitro-Chemicals Ltd—		
Subord debs 6s 1979 J-D	71½	75
Oklahoma Cement Co—		
6½s subord debs 1974 J-D	96	98
5¾s s f debentures ww 1976 A-O	100	--
Old Empire Inc—		
6s conv subord debs 1971 J-D	f48	55
One Hour Valet 6s 1975	51	--
165 Broadway Bldg Inc (N Y)—		
1st sf 5½s-5¾s May 1970 ws F-A	90	95½
Oswego Falls Corp.—		
4¼s conv subord debs 1976 A-O	128	132
Outdoor Development 7½s '76 J-D	36	40
Units	18	23
Pacific Air Lines, Inc units	146	--
6½s conv subord debs 1976 J-J	107	112
Pacific Far East Line Inc—		
Merchant Marine 5s 1981 J-D	102½	--
Pacific Petroleums Ltd—		
5s conv debs 1977 J-J	109	111½
5½s s f debs ww 1973 A-O	116½	--
5½s 1973 Ex-warrants	102	103
Packaging Corp of America—		
4⅜s s f debentures 1987 A-O	99¼	--
Park Place-Dodge Corp (N Y)—		
5s Sept 1972 (w s) M-N	f87	--
Parkview Drugs Inc—		
5½s conv subord debs 1977 J-D	110	112
Pauley Petroleum Inc—		
5¾s conv subord debs 1976 J-D	110	112
Peabody Coal Co 5¼s 1976 A-O	105½	--
Pennsylvania Salt Mfg. Co—		
3.45s s f debs 1981 A-O	85	--
Penobscot Chemical Fibre Co—		
1st mtge 4⅛s 1974 A-O	96	--
5¾s conv subord debs 1980 J-D	102	--
Perfect Photo Inc—		
5½s conv subord debs 1980 A-O	57	60
Perrine Industries Inc—		
6½s conv subord debs 1979 J-D	30	35
Pet Milk Co 4¼s s f debs 1982 J-D	99¼	--
Photon Inc 5s conv sub dbs '71 J-D	185	--
Plastic Applicators Inc—		
6s conv subord debs 1969	--	95
Poli-New England Theatre—		
Gen income 5s Nov 15 1983 J-D	f85	--
Polymer Corporation—		
5½s conv subord debs 1975 A-O	93	--
Producing Properties 5s 1969	99	101
Puerto Rico Brewing Co Inc—		
7s s f debentures 1977 F-A	87½	89½
Units	19½	20½
Quincy Market Cold Storage—		
4s 1965 M-N	92	--
Ralston Purina 3⅛s 1977 A-O	86½	--
Reading Tube Corp—		
5¾s s f debs ww 1974 J-J	98	--
Without warrants	n74½	--
Red Owl Stores Inc—		
4¾s conv subord debs 1978 F-A	175	--
Republic Pictures deb 4s 1965 J-D	94	97½
Riegel Paper 3¾s debs 1980 M-N	89	--
3⅞s s f debentures 1981 F-A	91	--
5¼s s f debentures 1985 M-N	103¼	--
Ritter Company Inc—		
4½s conv subord debs 1980 J-D	102	--
Rogers (John) 6¼s 1976	138	142
Roosevelt Hotel deb 5s 1964 M-N	96½	--
Safeway Stores 4¼s ser B '69 M-N	100	--
Salem-Brosius Inc—		
5½s conv subord debs 1973	64	--
Seagram (Joseph E) & Sons—		
4¼s debentures 1983 A-O	98½	--
Servo Corp of America—		
6s conv subord debs 1974 A-O	53	--
Servomechanisms Inc—		
5s conv debs 1966 J-D	72	--
Shamrock Oil & Gas Corp—		
3½s s f debentures 1967 A-O	99	--
4⅝s s f debentures 1987 J-J	103	--
Sheraton Corp of America—		
6s debentures w w 1979 A-O	120	--
Without warrants	100	101½
5s w w 1967	101½	104½
Without warrants	n94	96
4¾s 2nd conv debs 1967 M-S	94	97
6½s cum inc sub debs 1981 J-J	f89	91
7½s cap inc s f debs 1989 J-J	f93	94½
Shin Mitsubishi Heavy Industries		
6½s conv debentures 1977 M-S	112	115
Simpsons Ltd 5s series B 1976 J-D	121	127
5½s series C 1979 M-S	97	99
4¾s debs 1973 J-J	96½	98
Socony Mobil Oil Co Inc—		
4¼s 1993 (now listed NYSE)		
South Coast Corp—		
Cum inc sub deb 5s 1973 M-N	93	--
Southern Bakeries 7½s debs 1989	75	80
Southern Industries Corp—		
7s income debs 1982	91½	--
Special Metals Inc—		
6s subord debs 1976 J-J	87	90
Speedry Chemical Products—		
6s conv subord debs 1975 J-D	80	--
Sperry (The) Corp 3⅛s 1969 J-D	87	--
Sperry Rand Corp—		
5½s s f debs 1982 ww M-S	117½	120½
5½s 1982 "without warrants"	104	105
Staley (A E) Mfg 3¼s 1977 J-J	89	--
Standard-Thomson Corp—		
5s debentures 1967 M-S	95	--
5s s f debs w w 1967 M-S	95	--
States Steamship Co		
5s SS series 1981 J-D	102½	--
4¼s SS series 1987 M-S	99⅞	--
Steel Crest Homes—		
Sinking fund debs 8s 1981 M-S	85	89
Sterling Drug 3¼s debs 1980 A-O	90	--
Stouffer Foods Corp—		
4¼s conv subord debs 1981 A-O	103½	105½
Strouse Inc—		
6s conv subord debs 1981 M-S	78	83
Sun Chemical Corp 2¾s 1966 F-A	94	--
Sunset Internat Petrol 6¼s 1974	105	110
Sylvania Electric Products Inc—		
3¾s s f debentures 1971 M-N	95	--
4s s f debs 1978 F-A	95	--
4¾s s f debs 1980 M-S	102	--
5½s sinking fund debs 1984 M-N	104¼	--
Talley Industries Inc—		
5½s conv subord debs 1976 M-N	72	76
Tel-A-Signs Inc.—		
6½s conv subord debs 1974 M-S	57	--
TelAutograph Corp—		
4¾s conv subord debs 1965 J-J	79	--
Temco Aircraft Corp—		
5¼s conv subord debs 1971 A-O	91	94
Textron American 5s 1970 Q-F	a--	--
5s conv subord debs 1971 J-J	116	119
Textron Inc—		
5s subord debs ww 1984 F-A	125	126
Without warrants	95½	96½
Thompson Products 3¼s 1971 A-O	91	--
Thor Power Tool Co—		
4⅞s conv subord debs 1981 J-D	109¾	110¾
Thriftimart Inc—		
6s conv subord debs 1977 J-J	117¼	--
5s conv subord debs 1980 J-D	105	107
Tokyo Shibaura Electric Co Ltd		
6⅜s conv debs 1978 M-S	113	115½
Tracerlab 5s conv debs 1970 M-N	84	89
Traveler Radio 6½s 1975 w w	90	93
Triad Oil Co 4¾s 1971 M-S	85½	87
Union Sulphur & Oil 4s 1978 M-S	98½	--
U S Industries—		
5½s conv subord debs 1971 J-D	97	100
4½s conv subord debs 1970 M-N	97	100
U S Plywood Corp—		
3.40s s f debs 1980 J-J	85	--
4¼s s f debentures 1981 J-D	95	--
5¼s s f debentures 1985 A-O	105	--
United States Steel Serial Debs—		
2.65s 1963 F-A	99⅝	100
2.65s 1964 F-A	98½	99¼
Universal Container 6s 1971	82	86
Uris Buildings Corp—		
6½s s f debentures 1975	103	105
Van Norman Industries Inc—		
4½s conv subord debs 1976 A-O	83	--
Victor Comptometer Corp—		
4⅞s s f debs 1988 A-O	--	99⅝
Vulcan Mold & Iron Co—		
6s conv subord debs 1981 M-N	93	--
Wacker Wabash Bldg—		
5s w s '65 J-J	150	--
Wallace Properties Inc—		
6½s conv subord debs 1975 J-D	112	117
Wallace (Wm) 6½s 1981	100¼	101¼
Walnut Grove Products Co—		
6½s s f debs ww 1975 F-A	139	--
Without warrants	101	--
Walter (Jim) Corp—		
9s Dec 31 2000 F-A	116	120
5⅞s 1st sub deb 1981 w w J-D	93½	95½
Washington Trotting Assn units	215	225
Sub s f 6½s 1977 M-S	83½	85
Webb (Del E) Corp—		
6½s conv subord debs 1975 J-D	182	190
West Virginia Pulp & Paper Co—		
3¼s debentures 1971 A-O	94	--
4s debentures 1978 J-J	96	--
Westinghouse Air Brake Co—		
3⅞s debentures 1978 M-S	94½	--
White Stores Inc—		
4¾s conv subord debs 1979 M-S	89	92
Willoughby Tower Bldg Corp—		
(Chicago) 1st 4s 1965 A-O	--	80
Winn & Lovett Grocery Co—		
Debentures 3¼s 1974 A-O	89	--
Winn-Dixie Stores Inc—		
S f debs 3¾s 1976 A-O	92	--
Winston-Muss Corp—		
6½s conv subord debs 1981	80	81½
Units	22	23½
Witco Chemical Co Inc—		
5s sf debentures 1980 J-D	102	--
Wyle Laboratories—		
5½s conv subord debs 1977 M-S	77	80
York Corp 3⅜s s f debs 1974 A-O	93½	--
Yuba Consolidated Industries—		
5½s conv subord debs 1975 M-S	f28	--
Zapata Petroleum Corp—		
5s convertible debs 1972 J-J	93	--

a Called for redemption, see page 94. e Ex-interest. f Flat price. k Last sale. n Nominal. r Canadian price.

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Industrial and Miscellaneous Stocks

We are publishing in this section the values for the Over-the-Counter shares only. The listed issues can be found in the earlier part of this publication, under the particular exchange the stock is traded.

QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

OVER-THE-COUNTER INDUSTRIAL AND MISCELLANEOUS STOCKS

Stocks—	Par	Bid	Ask
A & E Plastix Pak	*	13¾	15⅜
A A A Trailer Sales	25c	½	1
A B C Air Freight	10	2½	2⅞
ABC Cellophane— Class A	10c	1	1½
ABC Industries	10c	1¼	1¾
A G Foods— Class A common	*	6¼	7
A K Electric Corp	1c	¼	—
A. L. D. Inc	1	3½	4
ATU Productions	10c	⅝	⅞
Aaronson Bros— 70c conv pfd	2.50	8¾	—
Abbey Rents	1	8¼	8⅞
Abercrombie & Fitch	1	22	25
$6 preferred	75	92	95
Aberfoyle Mfg	25	29	33
Abitibi Pwr & Paper	*	41¾	42½
Able Land & Minerals Ltd	1	21c	24c
Accuracy, Inc	*	2	3
Accurate Electron	25c	⅝	⅞
Ace Trophies Corp	1c	27c	31c
Aceto Chemical	1c	1	1¼
Acme Electric Corp	1	10¼	11¾
Acme Industries	1	4½	5¼
Acoustic Chemical	10c	⅜	½
Acoustica Assoc	10c	1¾	2¼
Acrylic Optics	10c	n⅝	1⅛
Acushnet Process	2	32	35
Addison-Wesley Publishing B com	*	21½	23⅝
Adelphi Electronics	10c	½	⅞
Adirondack Indus	1	7	8
Adler Built Indus	10c	20c	40c
Adler Electronics	10c	13⅝	14¾
Adley Corp	2	8½	9½
Admiral Benbow Inn	*	9⅜	9⅞
Admiral Homes	1	1½	1⅞
Admiral Photo	10c	¼	½
Adson Industries	10c	2⅝	2⅞
Advance Industries	1	1⅛	1⅜
Advance Mortgage	1	9½	9⅞
Advance Scientific Instruments	10c	—	¼
Aero-Chatillon	10c	2½	3
Aero Geo Astro	20c	3⅝	4
Aero Industries	25c	¾	1⅛
Aeroflex Lab'tories	1	2¾	3¼
Aerological Res.	10c	1¼	1¾
Aeronautical Elec'tr	1	2⅛	2½
Aeronca Mfg Corp— 55c preferred	10	3	3¾
5½% prior pfd	20	6½	7½
Aerotest Laborat's	10c	3½	4¼
Aerovox Corp	1	3¾	4¼
Aetna Maintenance	*	2⅝	3¼
Ainsbrooke Corp	1	5⅛	5½
Ainslie Corp	1	⅞	1⅛
Airbalance Inc	5c	1⅜	1⅞
Aircraft Armaments	1	6½	7½
Air Express Int'l Agency Inc	50c	13¾	14½
Airpax Electronics	1	2¼	2¾
Air-Springs Inc	2c	⅜	⅝
Airtek Dynamics	*	⅞	1⅛
Airtronics Internatl Corp of Florida	10c	1½	1⅞
Airwork Corp	1	6¼	6⅝
Air-X Industries— Class A	10c	1⅝	1⅞
Ajax Magnethermic	*	10⅛	11⅛
Aksman (L J) & Co	10c	2⅞	3⅜
Alabama Dry Dock & Shipbuilding	*	44	—
Alarm Device Mfg	10c	7	7¾
Alaska Internat Corp	3c	17c	25c
Alaska Oil & Min	15c	¼	⅜
Albee Homes Inc	*	8¾	9⅝
Alberta Gas Trunkline Co Ltd class A	5	27¾	28¼
Alberto-Culver Co.	*	54	57¼
Albertson's Inc— Class B common	1	15½	16¼
Alco Chemical Corp	1c	1⅛	1⅜
Alco Oil & Gas	3⅓c	1 1/16	1¼
Alcolac Chemical	20c	7	7½
Alcon Laboratories	*	25¼	26
Alden Electronic & Impulse class A	1	1	1⅜
Algoma Steel Corp	*	53	53¾
Alico Land Development Co	1	6⅝	7¼
Alison Ayres Inc	10c	5¾	6½
Alix of Miami Inc Class A	25c	3¾	4¼
Alkon Industries	10c	1¼	2
All Star World Wide	10c	⅝	⅞
All State Auto Rental	1	5¼	5¾
All State Freight	1	6½	7
All-Tech Industries	10c	1⅞	2⅜
All Weather Roll N'ice class A	10c	⅛	—
Allegheny Pepsi Cola Bottling Co	50c	11¼	12⅞
Warrants		5½	5⅞
Allegri-Tech Inc	50c	2⅝	3
Allen (R C) Business Machines Inc	1	5	5⅜
Allen Organ class A	1	9¼	10¼
Allgemeine Elektricitaets-Gesellschaft Amer dep rcts		59½	60¼
Allied Capital Corp	1	5½	6½
Allied Empire Corp	1	7	9
Allied Entertainment Corp of America	5c	—	3½
Allied Graphic Arts Inc	1	5¼	5½
Allied Maintenance	3	23¼	25⅜
Allied Petro-Prod	10c	1	1⅜
Allied Properties	*	17½	19⅜
4½% conv pfd	50	48¼	51¼
Allied Radio Corp	1	14¾	15⅞
Allied Thermal Corp	25	41	41¾
Allis (Louis) Co	10	27½	29
Alloys and Chemicals	1	9¼	10⅜
Allvac Metals Co	1	5½	6
Allyn & Bacon Inc	50c	23	24⅞
Almo Industrial Electronics cl A	1	2¾	3
Alpine Geophysical Associates Inc	10c	3⅛	3½
Altamil Corp	50c	5⅜	5¾
Alterman Foods	2.50	28¾	30⅞
Alton Box Board	10	—	19
Aluminum & Chemicals Corp (Del)	30c	½	¾
Aluminum Insul	10c	⅛	¼
Aluminum Specialty	5	4⅝	5
Amalgamated Leather	1	1⅛	1⅜
Amalgamated Sugar 5% 1st preferred	10	10	10½
Amarlite Corp	1	15⅝	16⅛
Amerford Int'l	10c	n⅞	1¼
America Corp	1	1	1¼
Amer Aggregates	5	26	27
American Air Filter	1	26½	28¾
Amer Alloys Corp	25c	15c	25c
6% conv pfd	5	⅝	1
Amer Asiatic Oil	1p	1c	1¼c
American Assets Inc		3	—
Amer Automatic Vending Corp	*	8	8¾
American Bank Stationery Co	1.25	22	23
Amer Beverage Corp 20c prior preferred	1	2¾	—
Amer Biltrite Rubber— Common	*	18½	19⅞
6½% 1st pfd	100	115	120
2nd preferred	*	14½	16
Amer Boatbuilding	15c	⅜	¾
Amer Bowl'g Enterpr	1	¾	1⅛
American Building Maintenance Indus	*	9½	10⅜
American Chrome	1	2¾	—
Amer Consumers Ind 6% non-cum pfd	100	100	—
Amer Cryogenics	50c	12⅝	13¾
American Data Mach Inc	10c	1/16	½
Amer Dredging	12½	95	102
Amer Duralite	10c	3/16	¾
Amer Electronic Labs class A	1	8¾	10
Amer Express Co	5	60¼	63⅜
Amer Factors Ltd	10	41½	44¼
American Felt Co	10	18½	19¼
Amer Foods Inc	10c	1⅜	1¾
Amer Forest Prod	2½	22½	23½
Amer Furniture Co	1	4¾	5¼
Amer Furniture Mart Bldg (Chicago)	1	24¾	—
American Gas Co	1	3⅞	4⅛
Amer Greetings Corp— Class A common	1	37½	40
Amer Gypsum Co	1	4⅛	4⅝
Amer-Hawaiian SS	10	114	119
Amer Heritage Pub	25c	5¾	6⅝
Amer Hoist & Derrick	1	15	16¼
Amer Hydrocarbon	10c	35c	45c
American Insulator	1	17½	19
Amer International Bowling Corp	10c	⅝	¾
Amer Kosher Provisions Inc	10c	3⅜	3¾
Amer Locker Co— Class A	1	6¾	7¾
Class B	20c	4¼	5¼
American Mason Safety Thread	*	6½	—
American Micro Devices cl A	10c	25c	35c
American Packing	1	¼	⅜
American Pipe & Construction	5	11¾	12¼
Amer Potash & Chem $5 special pfd	*	n80	—
$4 pfd series A	*	85	—
Amer Precision Industries	55 5/9c	n4⅜	5⅜
Amer President Lines Class A common	*	53	57
5% preferred	100	72	78
Amer Recreaion Centers Inc	*	2⅝	2⅞
American Rubber & Plastics Corp	1	25¾	27¾
American Safety Equipment Corp	25c	5⅛	5½
Amer Safety Table	10c	8	8½
American-Saint-Gobain Corp com	7.50	4¾	5¼
5% preferred	25	10	11
Amer Self Service Stores Inc	*	4	4⅜
Amer Service com	1	3¼	4¼
Class A	*	23	28
Amer Shopping Centers Class A com	1c	⅜	⅞
Class A pfd	1	⅜	⅞
Amer Stamping Co	2	16¾	—
American States Oil	2	7c	10c
Amer Steamship Co	100	510	—
Amer Sterlizer	3.33⅓	21¼	23¼
Amer Techn Mach	10c	3¼	3¾
Amer Univend Corp	1.50	1	1⅝
Amer Urethane Inc	1	11/16	⅞
Amer Variety Sts	10c	1¼	1⅝
Amer Vitrified Prod	1	21	23
Americana Properties	10c	1	1¼
Amerline Corp cl A	1	22	25⅞
Ames Dept Stores— Class A com	50c	1¾	2
Ames (W R) Co	2	18	—
Amoskeag Co com	*	82	85
$4.50 preferred	*	90	—
Ampco Metal Inc	2½	7⅛	7½
Ampoules Inc	*	⅝	⅞
A M T Corp	1	11¼	12¼
Anacon Lead Mines	20c	20c	26c
Anadite Inc	*	15	16¼
Anchor Coupling	1	12½	12⅞
Andersen Labs	*	1¾	2¼
Andy Gard Co	1	4	4½
Anelex Corporation	1	14	15⅛
Warrants		23	26
Anemostat Corp of America	2	5¼	6½
Angelica Uniform	1	17½	18
Anglo Amer Ship'g	£1	5¼	5½
Anglo Ecuadorian Oilfields Ltd 'ADRS'		⅞	1⅛
Anheuser-Busch Inc	4	56½	59½
Anodyne Inc	1c	1⅜	1⅝
Anscot Chemical Industries Inc	1c	7/16	9/16
Ansonia Wire & Cable	1	4½	4¾
Antenna Systems	1	4½	4¾
Apco Mossberg Co	1	5	6½
Apell Petroleum	1	⅜	⅝
Applied Arts Corp	1	8	8¾
Applied Electronics Corp of N J cl A	10c	2¾	3
Warrants		½	1
Applied Physics	1	10¼	11½
Applied Research	25c	3	3⅝
Aqua-Chem Inc	1	6⅜	7⅛
Aquariums Inc	1	3⅜	3¾
Architectur'l Marble	25c	⅞	1¼
Arcs Industries	10c	2⅛	2⅝
Arden Farms com	1	15¼	16⅜
$3 partic pfd	*	53¾	57
Argyle Publishing	1c	2⅜	2⅞
Arista Truck Renting Corp	1c	4	4½
Arizona Agrochem	2½	4	4½
Arizona Biochemical	1c	3¾	4
Arizona Color Film Processing Labs	1	12c	17c
Arizona Valley Devel	1	⅞	1⅛
Arkansas Valley Industries Inc	3	12½	13¼
Arkay International	10c	1¼	1⅝
Arlan's Dept Sts	1	21¾	23¼
Armstrong (A J) Co	1	21½	23¼
Armstrong Paint & Varnish Works	5	14¼	14¾
Arnav Industries	10c	6¼	6⅝
Arnold Altex Aluminum Common	1	28	33
35c conv pfd	4	½	⅞
Arnold Graphic Industries Inc	2	5	6
Arnold Hoffman & Co	10	65	—
Aro Corporation 4½c preferred	50	43	—
Arrow Hart Hegeman Electric Co	10	62	65½
Arrow Liqueurs Corp	1	19¾	21¼
Arrowhead & Puritas Waters Inc	1	15¼	16¾
Art Metal Inc	1	7	7¾
Arts & Crafts Materials Corp	*	4⅝	5
Arvida Corp class A	1	5	5½
Arway Mfg Corp	25c	½	⅞
Arwood Corp	*	4	4⅜
Asbestos Corp Ltd	*	24¼	24⅝
Asgrow Seed Co	10	14¼	15
Ashland Oil & Ref— $5 preferred	*	98	—
Assembly Products	1	8½	9¼
Associated British Foods Ltd "adrs"		1	1¼
Associated Develop & Research Corp	1	1½	1¾
Associated Mortgage Companies Inc	1	8⅜	8⅝
Associated Products Now listed ASE			
Associated Sales Analysis class A	5c	1	1¼
Assoc Spring Corp	10	17¾	19⅛
Associated Stationers Supply Co	*	10½	11
Associated Transport	*	30⅛	32
6% conv pfd	100	104	106
Associated Truck Lines Class A (ex 100% stock dividend)		t11¼	12
Astrodata Inc	*	8⅝	9
Astron Corp	10c	a3½	3⅞
Astron Industrial Assoc Inc	20c	½	⅞
Astro-Science Corp	1	15/16	1⅛
Atlantic Bowling Corp	*	n1	1¼
Atlantic City Racing Association	50c	13½	15
Atlantic Co	*	22½	23½
Atlantic Improv	25c	14¾	15¼
Atlantic Steel Co	5	23	23¾
Atlantica Del Golfo Sugar Co	5	1/16	¾
Atlas Electronics	10c	15/16	1⅛
Atlas General Indus $1.25 conv preferred Stamped		23½	25
Atlas Hotels, Inc	*	7¼	8⅜
Atlas Tack Corp	*	10½	12½
Atmos-Pak Inc	40c	3⅝	4
Augusta Chemical Co	1	1¼	1¾
Australian Oil & Gas	5s	4⅝	4⅞
Australian Oil Corp	1	1¼	1⅝
Authenticolor Inc	5c	½	¾
Auto Solar Co	1	5⅛	5⅝
Automated Building Components Inc	50c	4¾	5¼
Automated Merch'g Capital Corp	1	5⅛	6¼
Automatic Cafeterias for Industry Inc	10c	⅞	1⅛
Automatic Data Processing	10c	2¼	2½
Automatic Retailers of America Inc	50c	35⅛	37¼
Automation Indus	1	4	4½
Automat'n Lab Inc	10c	1⅛	1⅝
Autosonics Inc	5c	½	¾
Aveeno Pharmaceutl	1c	n5	5¼
Avery Adhesive Products Inc	1	16½	17¾
Avildsen Tools & Machines com	1	n1⅛	—
5% prior pfd	5	2½	3¼
6% preferred	5	2¾	—
Avis Inc	5	9⅞	10⅛
Avondale Mills	1	27½	29½
Avon Products Inc	2.50	108	111
Ayres (L S) & Co com	5	38½	41½
4½% preferred	100	94½	—
4½% pfd '47 ser	100	94½	—
Aztec Oil & Gas	1	17	18
B B C Industries	10c	2⅞	3⅛
B/G Foods Inc	1	12¾	13¾
BMC Industries com	1c	1/16	3/16
7% conv pfd	7.50	⅛	⅜
B S R Ltd Amer deposit rcts		6½	6⅞
B T U Engineering	10c	1⅞	2⅜
Babcock Electronics	1	8½	9¼
Bacardi Corp	10	73	75
Bacharach Industrial Instrument Co	1	16½	17¼
Backstay Welt cl A	*	28½	30½
Badger Northland	1	7½	8¼
Badische Anilin & Soda-Fabrik "adra"		63¼	64¼
Bagdad Copper Corp	5	6¾	7¼
Baird-Atomic Inc	1	4⅞	5½
Baldwin-Ehret-Hill	1	4¾	5¼
Baldwin (D H) Co	8	48	50
Baltimore Paint & Chemical Corp	50c	3¾	4¼
6½% conv 1st pfd	20	17¼	18¼
Balt Radio Show	20c	5½	—
Bank Bldg & Equip	2	25¾	27¾
Bank Leumi le-Israel		1.28	1.38
Bankers Bond & Mtge Guaranty Co of Am	*	8¼	9¼
Bankers Bldg (Chi)	5	65	68
Bankers Dispatch	1	18	18½
Banlife Corporation	10c	53½	56
Banner Industries 1963 warrants		10c	15c
Barber-Greene Co	5	14¾	15¼
Barcalo Mfg	8⅓	4⅛	4⅝
BarChris Construction Corp	50c	⅜	⅝
Barden Corp	1	13¾	14¼
Bargain City (USA)	1	⅛	¼
Barnwell Industries	50c	1¼	1½
Barr Corporation	25c	1⅛	1⅜
Barrington Industries Class A com	10c	2⅜	2¾
Barry (R G) Corp	1	3½	3⅞
Barry-Martin Pharmaceuticals A	10c	5/16	½
Barth Vitamin class A	1	4⅞	5¼
Barton Distilling	1	9¾	10⅝
Barton Instrument	*	8⅞	9⅞
Basic Atomics	10c	18c	24c
Basic Properties com	1	1½	2
Class A	1	6	6¾

*Without par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend. v Ex-stock dividend.

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INDUSTRIAL AND MISCELLANEOUS STOCKS

QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

Stocks— Par	Bid	Ask
Basic Witz Furniture Industries Inc 10	13½	14½
Bates Mfg Co 10	9⅞	10⅝
Bauer Aluminum 50c	2	2⅜
Bausch & Lomb Inc— 4% preferred 100	81	82½
Bayless (AJ) Markets 1	11⅛	12
Beam-Matic Hospital Supply, Inc 10c	1⅞	2¼
Beauty Counselors 1	38¼	40½
Beaux Arts Prop 1	72	--
Bechtold Engineer'g 5c	3	3⅜
Becton Dickinson 1	34	36⅛
Beecham Group Ltd— Amer deposit rcts	5¼	5⅝
Behlen Mfg Co 1	7⅜	8¼
Bekins Van & Storage 5	8⅜	8¾
Belknap Hardware & Mfg Co *	12	--
Bell Television 10c	⅝	¾
Belle Isle Corp 20c	14½	16
Belmont Iron Works 5	11½	12¼
Bemis Bros Bag 25	67	71
Benbow Astronautics— Class A 5c	⅜	⅝
Benson Iron Ore 1	16	--
Benson-Lehner Corp 1	5¾	6½
Benson Mfg Co 1	2	2⅜
Benton Harbor Malleable Indust 1	4¾	6
Bergstrom Paper Co— Class A common 1	14¼	15¾
Berkshire Distrib 1	½	⅞
Berkshire Hathaway 5	8¼	8⅞
Berns Air King Corp Class A 2	7½	7⅞
Bernz O Matic Corp— Class A 1	16½	16⅞
Berry Industries 1	n6	6¾
Beryllium Corp 50c	27	29⅜
Beryllium Mfg Corp 25c	2⅜	2⅞
Besco Enterprises 1	⅞	1
Best Plastic Container Corp 10c	33c	39c
Best Plastics Corp 10c	1¼	1¾
Bevis Shell Homes 50c	15c	30c
Bibb Mfg Co 12.50	17¾	19
Bicor Automation Industries class A 10c	1¼	1½
Biederman Furniture 1	7	--
Big Apple Supermarkets Inc 10c	1 1/16	1 3/16
Big Bear Stores— Class A com 33⅓c	20¼	21
Big "C" Stores *	2¾	3⅜
Big Drum, Inc *	10⅞	11⅜
Big Horn-Powder River Corp 10c	28c	30c
Billups Eastern Petroleum Co 1	3⅝	4⅜
Billups Western Petroleum Co 1	7½	8¼
Binney & Smith Now listed ASE		
Biochemical Procedures Inc 1	2	2½
Bird & Son common *	19¾	20½
$5 preferred 100	85	--
Bird Machine Co *	27	--
Birtcher Corp 1	3	3¼
Bischoff Chemical 10c	⅞	1⅛
Bishop & Babcock *	4½	5
Bismarck Hotel Co *	86	89
Black-Clawson Co *	24	27
Black Sivalls & Bryson Inc 1	13¾	14¼
Blackman Merchandis'g Class A com 1	6⅞	7⅝
Blatt (M) Co 25c	2	2½
Bliss (E W) Co $1.80 conv pfd *	40¼	41¼
Bloch Brothers Tobacco Co 12.50	19	21
Blue Bell Inc 5	23	--
Blyvooruitzicht Gold Mining Co "Adrs"	4¼	4¾
Bogue Elec Mfg 1	3⅜	3¾
Bohn Business Machines 5c	8½	9½
Boise Cascade Corp 5	32⅞	33⅜
Bolt Beranek and Newman Inc *	4⅜	5
Bon Ami Co *	10⅛	11
Bonanza Air Lines 1	6⅝	7¼
Bonneville Ltd 1	3⅝	4⅛
Bookshelf of Amer 10c	¾	1
Boone (C F) Nation-wide Publications 80c	⅜	⅝
Boonshaft & Fuchs 25c	3	4
Boonton Electronics 10c	1⅝	1⅞
Booth Newspapers *	138	--
Borax (Holdings) Ltd Am dep rcts def ord	2¼	2⅝
Boro Electronics 35c	⅞	1¼
Boss-Linco Lines cl A 1	8¼	9
Boss Manufacturing 25	--	16
Bostitch Inc— Class A common 4	29½	31
Boston Herald-Traveler Corp *	23½	26¼
Boston Insurance Ex-change Bldg $5 pfd *	20½	--
Boston Pneumatics— Class A 10c	1⅛	1½
Boston Sand & Gravel Co 1	13	16
Boston Wharf Co 50	65	--
Botany Industries 1	3¼	3¾
Bourbon Stock Yards *	51	--
Bourns Inc 50c	15¾	16¾
Bowater Paper Corp— Amer deposits rcts	5⅛	5¾
Bowey's Inc 1	5¼	5¾
Bowl-Mor Co Inc 10c	3⅜	3¾
30c preferred 1	n3¾	4¼
Bowl America 10c	2⅜	2⅝
Bowman Products *	19⅝	21⅛
Bowmar Instrument *	8¾	9¾
Bowser Inc Co com 1	6¾	7⅝
$1.20 preferred 25	21	22¾
Boyertown Burial Casket Co 10	13¾	14½
Bradley Industries 1	3	3⅜
Bradley Real Estate Trust (Mass) 1	6¼	6¾
Bramalea Consolidated Developments Ltd *	5¼	5¾
Warrants	1¾	2¼
Branston Instrum'ts 1	7⅜	7⅞
Braun Engineering 1	17⅝	18⅛
Warrants	9¾	10¾
Brenco Corp 1	18½	19¼
Breskin Publications 1	14⅞	16
Brew (Rich D) & Co 1	2	2½
Brewster-Bartle Drilling Co 2	3⅞	4⅝
Bristol Brass Corp 10	11	12½
Bristol Dynamics 1c	2½	2⅞
Brite Universal 10c	--	1
British Aluminum Ltd Amer deposit rets	5	5½
British-Amer Const & Materials Ltd 5	9⅜	9⅞
Warrants	2¾	3¼
British Columbia Forest Prod Ltd *	17	17½
British Motors Ltd— Amer deposit rcts	2⅛	2⅜
British Oxygen Amer deposit rets	1¾	2⅛
Britton Electronics 1c	5c	15c
Brockway Glass 5	23¾	25⅝
Broderick & Bascom Rope Co 1	13¼	14¼
Broken Hill Proprietary Co Ltd £1	5.70	5.90
Brooks & Perkins 1	4⅛	4½
Brothers Chemical Common class A 10c	1	1⅜
Brown & Sharpe Manufacturing Co 10	38	39½
Brown Engineering 1	25¾	26½
Brown Fintube— Class A common 1	8⅞	9¾
Brown (W A) Mfg *	7¼	8
Browning Arms Co 1	8¾	9⅝
Browning-Ferris Machinery Co 1	6½	--
Bruning (Charles) 3	32¼	34½
Brunswig Drug 1	17¾	19⅛
Brush Beryllium Co 1	16¼	17¾
Buck Creek Oil 25c	⅝	1
Buckeye Corp com 1	40c	50c
5% conv pfd A 10	½	1
Buckeye Steel Cast *	25¾	28
Buehler Corp *	7¾	8⅛
Buffalo-Eclipse 1	20	--
Buffum's (Cal) 5	12½	13⅝
Bulolo Gold Dredging Ltd 5	5⅝	6
Bundy Electronics 10c	⅜	¾
Burger Brewing *	36	39
Burgess Vibrocrafters 3	6¼	7¼
Burgmaster Corp 1	11½	12¼
Burma Corp Ltd— Amer dep receipts	⅜	--
Burmah Oil Ltd— Amer deposit rcts	7	7¾
Burnham & Morrill 1	13½	14⅝
Burnham Corp com 15	20	--
6% preferred 50	40	--
Burns (William J) Internat'l Detective Agency class A 1.50	24	24½
Burrus Mills Inc com *	12	13⅜
4½% preferred 100	55	--
Burton Mfg Co 1	5/8	13/16
Bush Term Bldgs 10c	a39⅜	39⅞
Business Property Associates 100	11½	12½
Butler Mfg Co— Common 25	32	34
4½% 1st pfd 100	85	--
Butterick Co com 1	22	--
5% non-cum pfd 50	30	--
Byer-Rolnick Hat 10	14½	15¾
Byllesby (H M) Co 10c	5⅞	6½
Bymart Tintair com 1c	1/8	3/8
5% preferred 1	2½	--
Bzura Chemical 25c	1/16	3/16
C E I R Inc cl A 16⅔c	4¾	5⅛
C F C Industries 10c	⅛	--
C F M Co 1	½	⅞
C-Mar Instrument 1	--	¼
C W S Waveguide 1c	2c	10c
Cabol Enterprises Ltd *	53c	60c
Cabot Corporation 1	42	42½
Cadillac Conduit 10c	n5½	6½
Cadre Industries 2	5½	6¼
Cahokia Downs Inc 1	2⅛	2½
Cal-Val Research & Develop Corp 10c	½	1
Calandra Photo Class A common 1	3⅞	4¼
Caldor Inc 10c	7¼	8⅜
Calgon Corp 1	33½	35⅞
Calif Computer Products Inc 50c	6¾	7½
Calif Corp for Biochem Research 1	2¼	2¾
California Liquid Gas Corp 1	17	18⅜
Calumet & Hecla $4.75 pfd series A *	98	--
Camco Inc 1	12¼	13⅜
Camloc Fastener 2	8	8½
Camp Chemical 10c	2⅝	3
Campbell Taggart Assoc Bakeries 1	25½	27¾
Campus Casuals of Calif 1	8¾	9⅝
Can (R C) Co See R C Can Co		
Canada Dry Bottling Co of Florida 5	12	15
Cdn Delhi Oil Ltd 10c	4	4½
Canadian Husky Oil Warrants	94c	1.00
Cdn Superior Oil Ltd 1	13½	14⅜
Canal Assets Inc 10c	32½	34¾
Canal Bank Trust Ctfs of bene int	4⅜	4⅞
Canandaigua Enterprises Class A common 1c	3⅝	4⅛
Cannon Electric 1	16¼	17¾
Cannon Mills com *	76½	81
Class B 25	74	76
Cannon Shoe Co 1	4⅞	5¼
Cap & Gown Co cl A 1	9⅛	9⅜
Capehart Corp (N. Y.) 50c	1 1/16	1¼
Capital for Technical Industries 1	7⅝	8¼
Capitol Products 50c	5½	6⅝
Car Plan Systems 10c	⅜	⅝
Carboline Co 1	4¼	4⅝
Caressa Inc 50c	8½	9½
Carhart Photo Inc 10c	2⅜	2⅝
Caribbean Cement— Amer deposit rcts	5⅞	6⅛
Caribbean Corp 1c	⅛	¼
Caribbean Shoe 1c	2⅛	2½
Caribe Stores Inc 50c	20c	40c
Carlon Products *	4⅜	4⅞
Carmer Industries 10c	3¾	4¼
Carnaco Equipment 10c	3⅛	3⅝
Carolina Metal Prod 1	1½	1⅞
Carolina Pac Plywood *	2⅛	2½
Carolina Pipe Line 1	7	7⅝
Carpenter (L E) & Co 1	10	10⅞
Carrier Corporation 4.80% 2nd pfd 50	--	49¾
4½% prefered 50	49	51
Carrington (George S) Class A 1	4	5
Carrols Inc 1	2½	2⅞
Carrtone Labs 10c	⅞	1¼
Carson Pirie Scott & Co Common 5	11⅞	12⅞
4½% preferred 100	83	--
Carter (Wm) Co 100	260	300
Carthage Marble vtc 1	19	23
Cary Chemicals 10c	4⅜	4⅞
Casa International 50c	1¼	2
Case Pomeroy & Co 5	115	--
Caspers Tin Plate 1	5	5¼
Cassco Corp 1	2⅛	2⅝
Castle & Cooke 10	34¼	35
Catalyst Research 32c	3½	4
Cavitron Ultrason 10c	5	5¾
Ceco Industries 25	½	11/16
Cedar Point Field Trust ctfs of ben int	2⅛	2⅜
Center Labs Inc 10c	2⅜	2⅝
Central Charge Serv Now listed ASE		
Central Coal & Coke 1	33	--
Central Cold Storage 20	42	45
Central Instrument 1	4c	8c
Central Manhattan Properties 1	6	--
Central Steel & Wire 5	53	--
Central Transformer 1	7½	8
Central Wisconsin Motor Transport 1	7⅝	8⅜
Century Properties 1	4⅛	4⅝
Century-Special 5c	25c	35c
Cerametals Indus 20c	⅞	1¼
Certified Industries— Class A 1	5½	6¼
Certif'd Pharmacal 10c	7¼	7¾
Cetron Electronic 1	¾	1
Chadbourn Gotham— Warrants	5/16	7/16
4½% conv pfd 50	31	--
Chalco Engineering 10c	¼	7/16
Challenger Prods 10c	1¾	2¼
Chambersburg Engineering Co 10	16½	--
Chamberlain Co of Amer 5% pfd 25	16¾	25
Champion Parts Rebuilders 10c	4	4½
Chance (A B) & Co 5	20¼	21¼
Chandler Leasing 1	4⅝	5
Charles Jacquin Et Cie Inc 50c	6¼	7
Charles of the Ritz, Inc 1	25	27¼
Charles Town Racing Association 50c	3⅛	3⅜
Chart-Pak Inc 1	4¾	5¼
Charter Credit 10c	¾	1
Charter Industries 10c	⅛	⅜
Charter Mortgage & Investment Co 1	2½	3¼
Chase General Corp— Common 1	10c	20c
5% conv A pfd 20	½	¾
Chemalloy Minerals 1	70c	75c
Chemex Industries 25c	½	¾
Chemical Contour *	2¾	3¾
Chem Enterprises 25c	4	4⅜
Chemical Products 1	26	28
Chemirad Corp 10c	⅝	1
Chemsol Inc 50c	¾	1
Chemtree Corp 10c	2⅛	2⅜
Chesapeake Instru't 1	1¾	2⅛
Chester Electronic Laboratories Inc *	4½	5¼
Chicago Aerial Industries Inc 2	7½	8⅜
Chicago Builders Building vtc *	68	--
Chicago Helicopter Airways Inc 1	4¾	5¼
Chic Mill & Lumber 10	a27	28
Chicago Molded Prod 1	7⅞	8⅜
Chicago Musical Instrument Co 1	21¾	23¼
Chicago Title & Trust Co 20	119	--
Childcraft Equip 25c	¾	1¼
Chilton Co 10	30	34
Church & Dwight *	57	60
Churchill Downs Inc *	20¾	--
Churchill Stereo 5c	¾	1⅛
Warrants	⅛	⅜
Cincinnati Enquirer *	21	22½
Cin Union Stock Yds *	16¼	--
Circle Controls 10c	1⅝	2⅛
Circle K Food Stores 1	8¼	8⅝
Clairtone Sound *	7⅛	7½
Clarise Sportswear 10c	1⅜	1¾
Clark Oil & Ref 1	8¼	9
Clarkson Labs Inc 1c	¼	⅜
Claude Southern 10c	2	2⅜
Clayton Corp 1c	42c	52c
Clayton Mark & Co 5	5¾	6¼
Clayton Silv Mines 10c	17c	19c
Cle-Ware Indus *	6	6⅜
Cleve Builders Supply *	21	--
Cleve Trencher Co 5	7¼	7¾
Clifton Mfg Co. 20	40	--
Clifton Precision Products Co 1	18½	20⅛
Clinton Engines Corp 1	1¾	2⅛
Cloverleaf Kennel Club class A 1	7¼	8¼
Cluett Peabody— 4% 2nd conv pfd 100	90	95
Clute Corp 1c	5c	15c
Coastal Caribbean Oils & Minerals Ltd 1s	38c	43c
Coastal Publications 60c	½	¾
Coastal Ship Corp 1	23	25
Coastal States Gas Producing Co— Series A "wts"	33⅜	33⅞
Series C "wts"	25¼	25¾
Coca-Cola Bottling of Los Angeles *	25¼	27½
St Louis 1	7¼	7¾
Cocoa-Cola Bottling Plants (Port'd) Me *	7¼	8
Cohen (Dan) & Co *	1⅛	--
Colber Corp 20c	2½	2¾
Coleco Industries *	3	3¾
Cole National Co— Class A com 10	19¼	20⅝
Coleman Cable & Wire class A 1	6¼	6¾
Coleman Engineering 1	6¼	6¾
Warrants	⅛	⅜
Collyer Insulated Wire Co *	20¼	22¼
Colonial Aircraft 10c	--	¼
Colonial Board Co— Common 5	12	12¾
$1.50 preferred 25	24¾	25½
Warrants	2¼	3
Units	49½	--
Colonial Stores com 2.50	18	19⅜
4% preferred 50	44½	--
5% preferred 50	49¼	--
Color Craft Prod 1	3¾	4½
Color Lithography 10c	⅛	⅜
Color Reproductions 1c	¾	1¼

* Without par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend. v Ex-stock dividend.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

Stocks—	Par	Bid	Ask
Colorado Milling & Elevator Co	1	19¼	21
Colorado Oil & Gas Corp com	3	10¼	10¾
$1.25 conv pfd	25	24½	25
Colorite Plastics	25c	5⅞	6⅝
Warrants		1⅞	2⅜
Columbia Cellulose	*	6⅝	7
Columbia Technical	10c	1⅝	2
Columbia Toys cl A	25c	3½	3⅞
Columbian Bronze	1	3½	4¼
Columbus Electronics Corp class A com	10c	¼	⅜
Columbus Plastics Products Inc	*	8¼	8¾
Colwell Co	1	18	19⅞
Combined Locks Paper Class A	1	20½	21½
Commerce Clearing House Inc	1	29⅛	31
Commercial Filter	1.50	4⅞	5¼
Commercial Shearing and Stamping	1	15	16
Commerzbank Amer dep rcts		59¼	60
Commonwealth Oil Refining Co Inc	2c	8½	9⅛
Commonwealth Thea of Puerto Rico	*	7⅛	8
Community Charge Plan	25c	2¾	3⅛
Warrants		½	¾
Community Research & Development	1c	7¾	8¼
45c preferred	5	7¾	8½
Compagnie Francaise des Petroles		61½	62½
Components Corp of America	1	2½	2⅞
Compression Indus	10c	¼	⅝
Computer Applica's	10c	6¾	7¼
Computer Control	*	6¾	7
Computer Equipment	*	½	¾
Computer Instrumts	25c	5¼	6
Computer Oriented Research & Eng	*	1¾	2
Computer Systems	10c	1⅞	2⅜
Computer Usage	25c	14	14¾
Concert Network	10c	⅛	¼
Conductron Corp— Class A com	1c	15¾	16¼
Cone Mills 4% pfd	20	17	--
Conlon-Moore Corp	1	3	3½
Conn (C G) Ltd	5	11½	12⅜
Connohio Co Inc com	1	2⅝	3⅛
40c conv pfd	10	7	7¾
Conolite class A	10c	3⅜	3¾
Conrad Carson Electronics Inc	1	⅛	¼
Consol Aerosol	10c	8	9
Consolidated Airborne Systems class A	10c	1⅛	1⅜
Consolidated American Services	1	2¾	3
Consol Bottling	1	5¼	5½
Warrants		2⅛	2⅜
Consol Bowling	10c	2⅝	3
Consolidated Business Systems Inc	10c	a3½	3⅝
Consol Freightways	2½	13½	13⅞
Consol Leasing Corp of Amer. com	50c	4	5
7% conv pfd	10	9½	10½
Units		24¼	25¼
Consol Oil & Gas Warrants		1⅜	1⅝
Consol Paper Corp Ltd	*	36¾	40½
Consolidated Papers Inc (Wisc)	12.50	28	30
Consol Rendering	6.25	18	19⅝
Consolidated Research & Mfg class A	10c	5c	10c
Consolidated Rock Products Co	5	26	26¾
Consol Sun Ray Inc 5% preferred	20	6	--
Construc Design	50c	3⅜	3¾
Consul & Designers	1	4¼	4¾
Consultants Bureau Enterprises cl A	10	1⅝	1⅞
Consumers Automatic Vending Inc	10c	1⅜	1⅞
Continental-Atlantic	1	40	--
Cont'l Commercial— 60c conv pfd	10	7	--
Continental Device	*	7¼	7⅝
Cont'l Enterprises	10c	1	1⅛
Continental Screw Co	1	14¾	15¼
Continental Tob	10c	5c	25c
Continental Transport Lines Inc	1	11¼	12⅛
Control Circuits Inc	10c	1¾	2⅛
Cook Coffee Co	1	17⅜	18⅝
Cook Electric Co	1	3⅞	4⅜
Cooper (Peter) Corps— 6½% preferred	100	96	100
Cooper Tire & Rubber Warrants		11	11½
Coplay Cement Mfg	20	130	165
6% preferred	100	180	195
Copymation Inc	50c	9½	10¼
Coral Ridge Prop— Class A com	10c	1⅞	2⅛
60c conv pfd	8	7½	8¼
Cormac Chemical	1c	7/16	9/16
Cornell-Dubilier Electric Corp $5.25 pfd ser A	*	88	93
Cornet Stores	2	7	8
Corrigan Communic	1c	10c	20c
Corson (G & W H)	1	13¼	14¼
Cory Corp	1	6½	7⅞
Cosmetic Chemicals	1c	2	2½
Warrants		25c	50c
Cosmo Book Distributing	10c	5¼	5¾
Cosmodyne Corp	*	16¾	17⅞
Cosmos Industries	10c	1	1¼
Cosnat Corp— Class A common	10c	4¼	4¾
Country Set Inc	*	8½	8¾
Courtesy Products	1	1¼	1¾
Cousins Properties	1	8¼	8¾
Cove Vitamin & Pharm Common	50c	2¾	3⅜
Warrants		1	1½
Cowles Chemical Co	1	23½	25⅝
Cowles Magazines & Broadcasting	1	12⅝	13¾
Cracker Barrel Superm'kets Inc	10c	⅜	½
Craig Systems	1	6⅜	7⅛
Cramer Electronics	1	4⅛	4½
Crampton Mfg com	1	2⅝	2⅞
Warrants		½	⅞
6% conv pfd	10	11	11¾
Crawford Corp	1	4⅛	4⅞
Creative Playthings	1	5¼	5⅝
Crescent Engineering & Research Corp	*	⅞	1⅛
Crescent Niagara	10c	6⅛	6⅞
Cresson Consol Gold Mining & Milling	1	⅛	¼
Cross Co	5	14	15⅛
Crossway Motor Hotels Inc common	50c	½	¾
Crouse-Hinds Co	1⅔	22¼	23⅞
Crowley's Milk	10	9⅞	10⅜
Crown-Bremson Industries Inc	1	4⅞	5⅜
Crown Self-service Stores Inc units		½	⅝
Cryogenics Engin'g	10c	10¼	11
Cryogenics Inc	10c	7/16	⅝
Cryplex Industries	10c	7⅝	8⅛
Crystal Tissue	*	15	--
Culligan Inc	1	18	18½
Cumberland Shoe	50c	4½	5¼
Cummins Engine	2.50	58	62⅜
Curley Co Inc	1	6½	7½
Curtis Cos Inc	2	6½	7¼
Curtis Electro Corp Class A	50c	3	3⅜
Curtis Industries	*	6¾	7¼
Curtis Mathes Mfg	1	43	45⅞
Custom Components	10c	1⅜	1⅝
Custom Craft Marine Co Inc	25c	1	1⅜
Custom Credit Corp Ltd (Australia)	5s	1.30	1.45
Amer Deposit Rcts		6½	7¼
Customline Control Panels Inc	10c	⅝	1
Cutler Federal Inc	*	3	3½
Cyclomatics Inc	10c	¼	⅝
Cyprus Mines Corp	4	24	25⅝
Daffin Corp	*	26½	27½
Daggafontein Mines Ltd Amer deposit rcts		2½	2⅞
Dahlstrom Mfg Co	1	13½	--
Daisy Mfg Co	2	15	16¼
Dale System Inc	*	1	1⅜
Dallas Airmotive	1	7⅜	8⅛
Dalto Electronics	1	11/16	⅞
Dan River Mills 5% preferred	20	16½	--
Danly Machine Specialities Inc	5	7¼	7⅞
Darling (L A) Co	1	8⅜	9¼
Dart Drug Corp cl A	1	3	3⅜
Dashew Busi Mach	10c	2⅝	3
Data-Control Systems	10c	10½	11½
Data Display	1	6⅛	6⅜
Data Processing— Class A common	*	½	¾
Datamation Inc	10c	--	¼
Datatrol Corp	50c	6	6⅜
Datom Industries	10c	1½	2
David & Dash Inc	10c	1	1½
David's Inc	1	2	2½
Dayton Aviation Radio & Equipment	50c	½	11/16
Dayton Mall Iron	*	27	28
De Beers Cons Mines— Amer deposit rcts		30½	32¾
De-Flectronics Inc	10c	⅛	5/16
Dejur-Amsco Corp— Class A	1	2⅛	2½
De Laval Developm't	*	30	--
DeMarco Business Forms cl A com	*	3⅛	3½
Warrants		⅜	⅝
Dean Milk Co— Name chgd to Dean Foods Co.	*	24¾	26¾
Dean Phipps Stores— Common	1	12	--
5½% preferred	10	7	--
Dechert Dynamics	10c	¼	⅝
Decitron Electronics	1c	1⅜	1⅝
Deco Aluminum	5	⅞	1¼
Deer Park Baking	25c	9¼	10
Defense Electronics	1c	4½	4¾
Dejay Stores Inc	50c	1c	5c
Dekcraft Corp	75c	2⅛	2½
Del Electronics	10c	2⅜	2⅞
Delaware Barrel & Drum Co	50c	5⅞	6⅜
Delford Industries	10c	1⅛	1½
Delhi-Taylor Oil	1	17⅞	19
Delta Electric	7.50	9¾	10½
Delta SS Lines	5	11	11¾
Deltown Foods Inc	1	16	17½
Denab Labs Inc	50c	1/16	--
Denver Chicago Trucking Co	1	13¼	14
Denver-Golden Corp	1c	¼	½
Dero Research & Development Corp	5c	n1⅛	1½
Deseret Pharmaceut'l	1	9¾	10½
Designatronics Inc	10c	⅞	1⅜
Des Machine Bull— See Machine Bull			
Detrex Chemical Ind	2	10¼	11
Detroit Harbor Term	1	26	--
Detroiter Mobile Homes Inc	1	8⅛	8⅞
Deutsche Bank A G Amer dep rcts		63½	64¼
Deval Aerodynamics Industries, Inc	10c	⅞	1¼
Development Corp of America	10c	⅝	1
Devonbrook Inc	10c	1¼	1½
Dewey (G C) Corp	1c	1¾	2¼
Dextone Co Inc	10c	--	1
Dextra Corp	10c	1⅝	2
Diamond Alkali $4 preferred	*	94½	96
Diamond Crystal Salt Co	2.50	16¼	17¼
Diapulse Mfg	10c	1⅜	1¾
Dickey (W S) Clay Mfg Co	*	41	43
Dictaphone Corp	5	32¾	33½
Dictograph Products	2	4½	5¼
Diebold Inc	5	48	51
Dielectric Products Engineering 55c pfd	8	7	8
Digitronics Corp— Class A non-vot	10c	16¾	18⅜
Dilbert's Leasing & Development Corp	1c	--	5c
Dillon (J S) & Sons Stores Co	5	25¼	27¼
Directomat Corp	1c	¾	15/16
Disc Inc class A	1	3⅞	4⅜
Disct Corp of N Y	40	220	235
Discount Stores	*	⅛	½
Discount Sundry Sales Inc	1	4⅝	5⅛
District Theatres	1	4	4½
Dist Wholesale Drug Corp of Wash cl A	*	4	4¼
DIT-MCO Inc	*	5⅛	5⅞
Diversa Inc common	1	6½	7¼
$1.25 conv pfd	5	20½	22½
Diversifax Corp	25c	⅞	1¼
Units		1¾	2½
Dixie Dinettes	1	4	4¼
Dixon (J) Crucible	20	28½	28¾
Dixon-Powdermaker Furniture Co	1	2¾	3¾
Doak Pharmacal Co	10c	--	1
Dob Corporation	*	5¾	6⅞
Dobbs Houses	16⅔c	17¾	18½
Documentation Inc	10c	3½	3⅞
Dodge Wire Co	1	1	1¼
Doeskin Products	1	2⅝	2⅞
Dole Engineering	1	1⅜	1⅝
Doman Helicopter	10c	5/16	5/16
Donbar Development— Class A com	10c	3	3¾
Donnkenny Inc	1	5⅛	5⅝
Dorchester Gas Producing Co	*	10¾	11
Dorman Long & Co— Amer dep rcts		2⅝	3¼
Dornost Publishing	1c	5/16	7/16
Dorsett Electronics	25c	1¼	1½
Dorsey Corp "wts"		2¾	3
6% pfd A ww	50	52	54
6% pfd A ex wts	50	48	--
Doughboy Indus	1	24	26
Dougherty Bros	25c	2⅝	2⅞
Douglas & Lomason	2	16¼	17¼
Douglas Microwave	10c	1	1¼
Dover Construction	*	5½	6
Dow Jones & Co	1	111½	112½
Downtowner Corp	5	8½	9
Drackett Co	*	26⅜	28
Dravo Corp	1	58¾	59¾
Dresdner Bank— Amer deposit rcts		62½	63¼
Dressen-Barnes Electronics Corp	1	3½	4¼
Drever Co	40c	8⅞	9⅜
Drew Properties— Class A	1	7¾	8¼
Drexel Dynamics Corp	*	⅝	1⅛
Drexel Enterprises	2.50	22¾	24⅜
Du Pont of Can Ltd	*	38	38¾
Dubrow Electronics Industries Inc	10c	1¾	2½
Ducommun Inc	2	17	18¼
Dudley Sports	10c	1⅛	--
Duff-Norton Co	*	45	--
Duffy-Mott Co Inc	1	24	25⅝
Duggan's Distillers Products Corp	50c	1⅝	1⅞
Dumas Milner Corp— Class A common	1	a14½	15
Dun & Bradstreet	1	63¼	66½
Duncan Coffee Co	1	16¼	17½
Duncan Elec Mfg— Class A	2.50	21¼	22¼
Class B	2.50	21¼	22
Dunham-Bush Inc	2	6½	7⅛
Dunlap & Associates	1	4	4⅜
Duofold Inc	10	24½	--
Dura Corp	1	25¾	27½
Duriron Co	½	23½	25⅜
Duro Pen Co	50c	2½	3
Duro-Test Corp Warrants		1½	1¾
5% conv pfd series of 1956	25	57	62
Dymo Industries	1	27⅝	29½
Dyna-Therm Chem	1	⅞	1⅛
Dynacolor Corp	20c	10¼	11⅛
Dynamic Films Inc	10c	½	11/16
Dynamic Gear Co	10c	5/16	¾
Dynamic Instru't	10c	1½	2
Dynamic Vending	10c	3½	3⅞
Dynascan Corp	1	4⅝	4⅞
Dynasonics Corp	50c	⅛	¼
Dynatronics Inc	20c	1⅞	2¼
ECPI Inc	25c	4	4⅜
E Z Painter Corp	1	11	12
Eason Oil Co	1	28¼	30⅝
East Utah Mining	10c	47c	49c
Eastern Aluminum Mfg Co Inc	10c	⅞	1⅜
Eastern Bowling Corp Class A common	1	⅝	1
Eastern Camera & Photo Supply	10c	1⅛	1⅜
Eastern Lime Corp	1	17¾	18½
Eastern Racing Assn	*	4⅜	4¾
$1 preferred	*	15¾	--
Eastern Shopping Centers Inc	1	1½	1¾
Eazor Express Inc	1	11	11⅜
Eckerd Drugs of Florida Inc	10c	16¾	18⅜
Economics Laboratory	1	44	46⅞
Economy B'kbind'g	10c	2½	3¼
Ecuadorian Corp Ltd	5	8⅜	9
Ed-U-Cards Mfg	1c	3½	4
Edgcomb Stl Co (Pa)	5	19⅝	20

* Without par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend y Ex-stock dividend.

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INDUSTRIAL AND MISCELLANEOUS STOCKS

QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

Stocks—	Par	Bid	Ask
Edgcomb Steel of New England cl A	5	8¾	9¼
Edge Ltd	25c	1½	1¾
Edgerton Germeshausen & Grier Inc	1	15¼	16½
Edgewater Steel Co	*	41½	43½
Educational Develpmt	1	1⅜	1⅞
Educator Biscuit Common	1	8½	10
Class A	10	8	9½
Edwards Engineering	1	6⅞	7¼
Edwards Industries	50c	⅞	1¼
Eichler Homes Inc	*	9¼	10
EICO Electronic Instrument Co	1	3½	3¾
Eitel McCullough	1	7	7¾
Elco Corp	25c	8	8½
Eldon Industries	1	5¾	6¼
Electrada Corp	1	3⅝	3⅞
Electric Hose & Rub	10	31¼	32¼
Electro Consolidated Corp (Name changed to Curtis Electro Corp)			
Electro Instruments	1	7½	8⅜
Electro-Mechanical Systems Inc	12½c	⅞	1⅛
Electro-Mechanics	10c	3¾	4½
Electro-Miniatures	10c	1¾	2
Electro Networks	10c	2⅞	3⅜
Electro-Nite Engin'g	*	1¼	1⅝
Electro Refractories & Abrasives Corp	1	10¼	11
Electro-Tec Corp	10c	4½	5¼
Electro-Temp Systems	1c	1⅜	1¾
Electrolux Corp	1	50¼	53⅜
Electromagnetic Industries Inc	10c	1⅝	2⅛
Electronic Accounting Card Corp	1	5⅜	5⅝
Electronic Communications 6% conv pfd	10	16	21
Electronic Components	*	2⅝	3
Electronic Controls	25c	3¾	4¼
Electronic Discovery	1c	1/16	¼
Electronic Engineering Co of California	1	5⅜	6
Electronic Products	*	1⅜	1⅞
Electronic Wholesalers	20c	7¾	8⅛
Electronics Missiles & Communications	10c	1⅞	2⅛
Electronized Chemicals Corp	10c	4	4¼
Electrosolids Corp— Common	*	¾	1¼
6% conv pfd	10	1½	2½
Elgeet Optical Co	1	2⅝	3
Elion Instruments	50c	1½	2⅛
Warrants		--	1
Elk Horn Coal Corp	*	15½	17
Elliott Automation— Amer deposit rcts		6.00	6.10
Elmar Electronics	*	4	4⅝
Elox Corp	1	6⅝	7⅛
Emac Data Processing Corp	1c	¾	15/16
Emery Industries	*	101	107
Emhart Mfg Co— Now listed NYSE			
Emmer Glass Corp— Class A common	10c	1½	1¾
Empire Devices	1	13¾	15⅜
Empire Petroleum	1	33c	39c
Empire State Oil	1	19¾	21⅛
Endevco Corp	*	4¼	5
Enflo Corp	10c	½	⅞
Ennis Business Forms Inc	2.50	27¾	29⅞
Entron Inc	10c	2⅛	2½
Eon Corporation	1	3⅞	4⅛
Epko Shoes Inc	1	9¾	10¼
Epsco Inc	*	3¼	4
Equity Oil Co	10c	12	12½
Ericsson (L M) Telephone "B" shs		31	31⅜
Erie Resistor Corp— Common	2.50	8¼	9
90c conv pref	12.50	15¾	16¾
Erlanger Mills	1	21	--
Estey Electronics	10c	4½	5¼
Ethyl Corp— Class A (split two-for-one)		t43	44¼
Class B (split two-for-one)		t43¼	44½
6% series A pfd	100	101½	104
Ets-Hokin & Galvan	1	6⅝	7½
Eureka Corp Ltd	25c	17c	20c
Eversharp 5% pfd	20	19	21
Exchange Buffet	2½	--	⅛
Executive Equipmt	10c	2⅛	2⅜
Executive House Inc	1	1 5/16	1⅛
Warrants		⅛	¼
Executone Inc	1	4⅛	4½
Exolon Company	*	42½	43½
Extrin Foods Inc	10c	2⅞	3⅛
F & F Finance	50c	¼	½
F R Corp	50c	1⅝	2
Faber Coe & Gregg	*	42	45
Fabien Corp	50c	8	8¼
Fafnir Bearing Co— Now listed NYSE			
Fairbanks Co	10	5¼	--
Fair Lanes Inc cl A	1	3½	4½
Fairey Co "Adrs"		3⅞	4⅛
Falconbridge Nickel Mines Ltd	*	60⅛	60⅞
Family Circle Assoc class A	10c	8	8⅜
Family Record Plan	1	6½	7¼
Fanon Electronic Industries, Inc	20c	1⅝	2
Faradyne Electronics	5c	2⅞	3¼
Farbenfabriken Bayer Amer deposit rcts		68¼	69
Farbwerke Hoechst A G Amer deposit rcts		60¾	61¾
Farmer Bros Co	1	7¼	7⅝
Farrel-Birmingham Co Name changed to Farrel Corp	12.50	42	44
Farrington Mfg	*	3¾	4
Fastline Inc	10c	5/16	½
Fate-Root Heath Co	1	15	17
Faultless Caster	1	3¾	4⅛
Faultless Rubber	1	23	--
Fearn Foods Inc	5	21½	23
Fed-Mart Corp	*	10½	11½
Federal Bake Shops	1	3⅞	4¾
Federal Bowling Centers Inc	1c	6c	10c
Federal Compress & Warehouse Co	12	21	21½
Fed Mfg & Engineer'g Common	10c	a2	2¼
Federal National Mtg Association	100	92¼	92¾
Fed Quality Homes	25c	n8c	15c
Federal Resources	50c	2⅛	2⅜
Federal Screw Wks	1	15¾	16¾
Federal Sign & Signal Common	1	22¼	23¼
$1.20 con pr pfd	*	22¼	23¼
$1.25 preferred	10	19½	21
Federal Steel Corp	*	2½	3
Federated Electrcs	10c	2¾	3¼
Federated Publicatns	*	52	--
Fellows Medical Mfg	2	1¾	2⅛
Ferro Dynamics	25c	1¾	2
Ferson Optics Inc	*	3⅜	3¾
Fiat Metal Mfg	10c	8⅜	9¼
Fiat Motors— Amer dep rcts		4⅜	4½
Fieldcrest Mills	*	17½	19½
5th Avenue Cards	10c	2⅜	2¾
Fifth Dimension	50c	4	4½
53 State St Corp	100	17	--
Filmohn Corp	10c	3	3½
Filon Corp	20c	16⅛	16½
Fireco Sales Ltd	*	2⅞	3⅜
First Flight Co	50c	6	6¼
First Hartford Realty Corp	1	7¾	8½
First Republic Corp of America class A	1	3⅝	4⅛
First Southern Co	1	3¾	4
First Union Realty	1	13¼	14⅛
Fischer & Porter Co— 5% preferred	10	8¼	9
Fisher Foods com	2.50	9⅞	10⅞
$5 preferred	*	85	90
Fisher Governor Co	1	29¾	31⅝
Fitchburg Paper Co Class A com	1	10⅞	11¼
Flagg-Utica Corp	5	12	--
Fleming Co Inc	2.50	23½	25⅝
Flexible Tubing	1	4¼	4⅝
Flora Mir Candy	10c	¾	1¼
Florida Hillsboro	1	⅝	⅞
Florida Palm-Aire	1	2⅛	2⅜
Florida Properties	10	28	31
Florida Steel Corp	1	9⅝	10⅝
Florida Tile Indus— Class A common	1	6	6½
Floyd Bennett Stores	5c	9½	11
Fluke (John) Mfg	50c	5	5½
Fluorocarbon Co	40c	2¾	3½
Flying Tiger Line 5% preferred	10	7¼	7¾
Foamland USA	25c	1⅝	2⅛
Food & Drug Research Laboratories	50c	12½	13¼
Food Fair Properties	1c	2	2½
Warrants		1/16	1⅛
Food Plus Inc	1	4⅜	4⅞
Foote & Davis Inc	1	14¾	15¾
Foote-Burt Co	5	11	13
Forbes & Wallace— $3 class A	*	50	--
Class B non-voting	*	30	--
Forcite Inc	50c	⅜	⅝
Foremost Dairies 4½% preferred	50	45½	--
Forest Laboratories	10c	21	21¾
Forman Realty Corp	10	75	78
Formsprag Co	1	12½	--
Formula 409 Inc	*	n¼	1/16
Fort Worth Steel & Machinery Co	*	6¾	7⅝
Fortuna Corp	10c	1¾	1⅞
"42" Products Ltd		8	9⅛
Foster-Forbes Glass	1.50	22	23
Foster Grant Co	1	19¼	21
Foundation Co (NY)	1	2¼	2¾
Four Corners Oil & Minerals Co	1	¼	⅜
Four Star Television	*	8¾	9¾
Fownes Bros & Co	1	8¾	9¾
Fox St Louis Prop— Units		3	5
Fox-Stanley Photo Products	1	4⅜	5
Franchard Corp Class A	1	2¾	3¼
Franco Wyoming Oil	6	37½	38½
Frank (Albert) Guenther Law	1	28	--
Franklin Balmar Co	*	18	20
Franklin Corp	1	7	7⅝
Franklin Electric	*	17	17¾
Frantz Mfg Co	1	14¾	16
Free State Geduld Mines Ltd "ADRS"	5s	16½	16⅞
French (Fred) Inv	*	13¼	14¼
Freoplex Inc	10c	1⅜	1⅞
Frigikar Corp	50c	10	11
Frisch's Restaurants	*	12¾	13¼
Frito-Lay Inc	2.50	37⅜	37⅞
Fritzi of Calif Mfg	1	8½	9¼
Frontier Airlines	1	5¼	5⅝
Frontier Refining Co	1	9¼	10½
Frouge Corporation	1	2¾	3
Fuller Industries	1c	¼	¾
Fullview Industries— Class A common	50c	1¼	1⅝
Fulton Industries	2	6¾	7¼
Fulton Market Cold Storage (Ill)	5	12½	14
Funded Securities A	2	1½	1¾
Furman-Wolfson	10c	8½	9¼
Futterman Corp cl A	1	6½	7⅛
G L Electronics	20c	3¾	4¼
G M S Stores	10c	1½	2
Gabriel Industries	1	8½	9
Gap Instrument		½	⅞
Garden Land Co	1	4	4⅜
Garden State Racing		690	--
Garfinkel (Julius)— Common	50c	37	38
Garland Knitting Mills Class A common	1	18¾	20⅛
Garlock Inc	1	24	26¼
Garrett Freight-lines	1.66	13¼	14
Garsite Products	10c	1¾	2⅛
Gas Hills Uranium	1c	21c	24c
Gaslight Equipment	10c	1/16	--
Gate City Steel— 7% pfd ser B ww	20	19½	--
Gateway Chemicals	*	11⅛	11½
Gateway Sporting Goods	5	13¼	13¾
Gateway Transp	1	9¾	10⅛
Gatlinberg Ski	1	2⅝	3⅛
Gelman Instrument	*	4	5
Gem Electronic Distributors Inc	25c	6	6¾
Gem International	70c	5⅞	6¼
General Abrasive Co	1	18	19½
General Aniline & Film class A	*	340	363
General Atronics	*	2½	3¼
General Automotive Parts Corp	*	12⅞	13¼
Genl Castings Corp	10c	1⅛	1½
General Coil Prods	10c	3	3¾
General Crude Oil	2½	35	38⅛
General Devices Inc	1	1	1¼
Genl Drive-in Corp	*	9⅝	10
General Economic Syndicate class A	10c	1½	2
Gen Economics Corp	5c	¼	½
General Electronic Control Inc	10c	25c	35c
General Electronics— Class A	10c	33c	38c
General Electronics Laboratories— Class A	33⅓c	2½	4
General-Gilbert	1	1⅝	2
General Indicator	1	6½	7½
General Industries	4	x19¾	20¾
General Kinetics	25c	1¼	1⅝
Gen Magnaplate	50c	2⅛	2⅝
General Precision Equipt $4.75 pfd	*	99½	--
Gen Resistance Inc	10c	⅜	⅞
General Shale Products Corp	*	18¼	19⅝
Gen Spray Service— Units		¼	¾
Gen Supermarkets	10c	14¾	15⅛
Gen Tin Investments Ltd "ADRS"		1½	1⅞
Gen Tire & Rubber Co $27.50 warrants		52	53½
General Utilities Inc	1	8c	15c
Genge Industries	*	2⅛	2½
Genisco Inc	1	7¾	8⅝
Genuine Parts Co	5	23½	24½
Geochron Labs	1c	n10c	20c
Geophysics Corp of America	60c	16	17½
Georgia Marble Co	10	37½	38¼
Georgia Shoe Mfg	1	9¾	10¼
Geoscience Instrumts	1c	⅛	⅜
Geotechnical Corp	1	9	9¾
Beotechnics & Resources class A	25c	1/16	⅜
Gera Corp (N J)	100	2,000	--
Gerber Scientific Instrument Co	*	5½	6¼
Geriatric Pharmac	10c	1½	1¾
Geriatric Services	10c	4¼	5
Gertsch Products	*	7	8⅛
Gestetner Ltd— Ord A Am dep rcts		6	6½
Getchell Mine Inc	1	1⅛	1⅜
Getz (Wm) Corp	*	13½	14¼
Gevaert Photo-Production "adrs"	*	50¼	51
Giannini Scientific	10c	5¾	6⅛
Giant Food Prop	10c	1½	1¾
Giant Tiger Stores	*	3½	4
Giddings & Lewis Machine Tool	2	19½	21
Giffin Industries	1	1¼	1¾
Gilbert Data-Systems Inc	1c	3⅜	3⅝
Gilbert Marketing Group Inc	50c	2⅛	2⅝
Gilfillan Corp	*	8¾	9¾
Gilpin (Henry B) Co— Class A common	*	16	17
Girard Industries	50c	7⅞	8¼
Girder Process— Class A	1c	2	2½
Girltown Inc cl A	1	7⅛	7½
Gisholt Machine	10	13¼	14
Glamur Products	8c	5c	25c
Glasrock Products	10	6½	7
Glasspar Co	50c	1⅞	2⅛
Glastron Boat Co	*	1⅜	2
Glatfelter (P H) & Co Common	5	34½	35½
4½% preferred	50	46	--
4⅝% pfd	50	47	--
Glaxo Group Ltd Amer dep rcts ord		6.35	6.60
Glen-Gery Shale Brick Corp	50c	6⅛	6½
Glen Industries	10c	1¾	2¼
Glen Mfg Inc	1	6	6⅝
Glitsch (Fritz W) & Sons Inc	2	7¼	7⅞
Global Steel Prod	50c	1¼	1⅝
Globe Industries	*	11	11½
Globe Rendering		18½	19
Globe Rubber Products Corp	*	18⅜	19¾
Goddard Inc	10c	⅝	⅞
Goddard Indus	1	8	9
Godfrey Company	5	17	18½
Goebel Brewing 60c conv pfd	10	1½	2
Gold Medal Studios	10c	1/16	1/16
Golden Cycle Corp	10	7¼	8
Golden Triangle Industries Inc	80c	¾	1
Goldsmith Bros	25c	3⅛	3⅝
Gordon & Breach Science Publish	10c	¼	¾
Gorton's of Gloucester Inc	*	33	34
Gould Properties cl A	1	8	8⅝
Gradiaz Annis & Co	1	a18⅛	18⅝
Grafco Industries	1c	1⅜	1¾
Graham Chemical	10c	1	1½
Grain Elev Whse Co	10c	15	16½
Granco Inc class A	1	1	1½
Granco Products	50c	32c	42c
Grand Union Co— 4½% preferred	50	46	49
Granger Associates	1	17¼	18⅝
Great Amer Realty— Class A	10c	35c	45c
Great Lakes Term W'house (Ohio)	1	15	16½
Great Plains Development Co Ltd	1	11½	12
Great Universal Stores Ltd class A	5s	7¼	7⅝
Greater All American Markets	1	2¾	3
Green (Daniel) Co	10	41	--
Green (A P) Fire Brick Co	5	18½	19⅞
Green Giant Co com	*	35	36
5% preferred	100	98	100
Green Mountain Uran Class A	1c	11c	14c
Green Shield Plan	25c	2½	2¾
Greene (M J) Co	10c	1¾	2½
Gremar Mfg Co	*	1¾	2⅛
Griesedieck Co 5% conv pfd	30	27	--
Griess-Pfleger Tan	5	9½	10½
Griggs Equipment	50c	5⅝	6
Grinnell Corp	*	90½	94
Grocerette Vending Machines Inc	15c	⅛	¼

* Without par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock x Ex-dividend v Ex-stock dividend.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

Stocks— Par	Bid	Ask
Grolier Inc 1	48	50¾
Gross Telecasting 1	24	24¾
Grosset & Dunlap 1	12½	13½
Gruen Industries 1	5	5⅜
Guantanamo Sugar 1	2¼	2⅝
Guardian Chemical 10c	3⅞	4½
Guardian Paper Co 1	7⅛	8
Guayaco Corp 10c	⅛	½
Guidance Tech 10c	15c	20c
Guild Musical Instrument Corp 5c	n½	¾
Gulf Coast Leaseholds Inc 20c	1/16	1 1/16
Gulf Interstate Co 1	6⅝	7
Gulf Resources 10c	5¼	5⅝
Gulf Sulphur Corp 10c	4⅝	4⅞
Guy's Foods Inc 2	8⅝	9⅛
Gyrodyne Co of America Inc 1	8⅝	9⅝
Hager Inc *	1⅜	1⅝
Hajoca Corp 1	38½	42¼
Halco Chem (Units)	¼	½
Halle Bros common 5	21½	22½
$2.40 conv pfd 50	44½	--
Halliday Lithograph 1	10¾	11¼
Halo Lighting *	9	9¼
Hamilton Cosco Inc *	15⅛	16⅜
Hamilton Mfg *	17⅜	18¾
Hampton Sales Co 10c	1	1¼
Hancock (J W) Inc—		
Common 10c	⅜	¾
6% conv pfd 2	⅜	¾
Handmacher-Vogel 1	4⅜	4⅞
Handschy Chemical 1	7⅛	7⅝
Handy & Harman 1	10½	11½
Hanna Mining Co 1	118	123¾
Hanover Shoe 1	15¾	16¾
Hansen Mfg Co 1	13¾	14¾
Hanson-Van Winkle-Munning Co 3.50	9¾	10⅝
Hapman Corp 1	1½	1¾
Harnischfeger Corp 6% conv pfd 100	103	--
Harper (H M) Co 1	12½	13
Harper & Row Publishers Inc *	20	21
Harper Vending 5c	1⅛	1⅝
Harrington & Richardson Arms 1	8½	9¾
Harrison (B M) Elec *	2c	10c
Harris-Teeter Super Markets 5	13¾	--
Hart-Carter Co 1	22½	23½
Hartebeestfontein Gold Mining Co Ltd—		
Amer deposit rcts	7⅞	8¾
Harvest Brand Inc 10c	5¼	5¾
Harvey House 10c	1⅛	1⅜
Harvey Wells Corp 1c	1	1¼
Harvill Corp 1	1⅞	2⅛
Harwyn Publishing Class A 10c	4¼	4½
Hastings Raydist 1	13½	15
Hauserman (E F) Co 1	8½	9
Hausman Steel Co 5	5½	6⅜
Havana Racing Co 10c	7c	10c
Haven Industries 10c	5c	7c
Haverty Furniture 5	18¾	--
Hawaiian Pacific Ind *	3	3¾
Hawley Products Co 5	8¾	9½
Hayden Publishing 1c	4	4½
Hayes Int'l 2.50	13¾	14½
Hazel Park Racing 1	4	4⅜
Voting Trust ctfs	3¾	4¼
Head Ski Co Inc 1.50	16¾	17½
Hearst Consol Pub—		
7% class A pfd 25	25	27¾
Heath (D C) & Co 5	15	16½
Heldor Electronics Mfg Corp 10c	⅛	5/16
Helm's Express Inc—		
Class A common 1	6½	7½
Hendrick Ranch Roy 1	4	5
Henry's Drive-In *	6⅛	6⅞
Heppenstall Co com 50	16	19
4½% preferred 50	27	--
Hercules Galion Prod-		
6% B conv pfd 20	n19½	21
Herff Jones Co 1	16⅞	17⅜
Heritage Industrial 1	2	2½
Heritage Petroleum 1	½	¾
Herman & Appley Inc Class A com 10c	3	3½
Hermetic Industries Class A 10c	⅝	⅞
Hermetite Corp *	2	2⅜
Hershey Creamery 5	43	--
Herts-Lion International Corp 1	1	1⅛
Hewitt-Robins Inc—		
5% preferred 10	8¾	9⅝
Hewlett-Packard Co—		
90c conv pfd 1	18⅜	18⅞
Hexagon Labs Inc 1	1⅜	1¾
Hexcel Products 1	15	16½
Heywood-Wakefield—		
Common 12.50	21½	22½
1st pfd 5% ser B 25	9⅝	10⅛
Hi-Press Air Conditioning of Amer 10c	⅛	⅜
Hi-Shear Corp *	3⅝	4
Hialeah Race Course 1	74	--
Hiawatha Oil & Gas 10	1½	2
5% conv pfd 10	5	6
Hickok Electrical Instrument Co cl A 1	5½	6
Hicks-Ponder Co 1	8½	8⅞
Hico Corp of Amer 1	4¾	5½
Hidden Splendor Mining Co 50c	6½	--
Higbee Co 1	29½	31½
Hightstown Rug 1	3	--
Hilco Homes Corp *	1⅛	1⅜
Hines (Ed) Lumber 10	24¾	26¾
Hirsch (P N) & Co 1	13¾	14½
Hobam Inc 6c	5½	6
Hobart Mfg Co *	39½	42¼
Hoerner Boxes 1	22¾	23½
Hofman Laboratories 25c	6¾	7¼
Hogan Faximile 10c	2⅝	3
Holiday Inns of America 1.50	19⅝	21
Hollingshead (R M) 1	15¾	16¾
Homestead Valve Manufacturing 2	7¾	--
Honda Motor Co Ltd Amer deposit rcts	18⅛	18½
Honeycomb Products *	4½	5
Honeggers Inc *	5½	6½
Honig's-Parkway 10c	1/16	1/8
Hooghovens—		
Am dep rcts 20 fl	34	34½
Hoover Company—		
Class A com 2.50	33	35
Horizon Land Corp 1c	6¼	6½
Horne Enterprises 1	12	13¼
Hot Shoppes Inc 1	22½	23
House of Vision 1	15⅜	15⅞
House of Westmore 10c	1⅞	2¼
Houston Fearless Corp 1	1/8	1/8
Houston Oil Field Material com 1	6¾	7½
5½% preferred 100	58	--
Howell Instruments *	4⅞	5½
Hubinger Co 1.25	18	19
Hudson Pulp & Paper Class A common 1	24	26
$1.41 2nd pfd 24.50	26	28¼
5% pfd series A 25	n22	--
5.12% pfd B 25	n22½	--
Hudson Wholesale Groceries Inc 1	3¾	4¼
Hudson's Bay Co 21	12¾	13
Hudson's Bay Oil & Gas Co Ltd 2.50	14⅜	14¾
Hunter Engineering—		
Common 1	a8¼	8⅝
6% conv pfd 25	29	30
Units	37	40
Hupp Systems Class A com 10c	⅞	--
Hurletron Inc 25c	5⅛	5½
Husky Oil Co (Del) 6½% preferred 100	97	--
Huston (Tom) Peanut *	33½	34¼
Huyck Corp *	20¾	22½
Hyatt Corp of Amer 1	4¼	4⅞
Hydra-Power Corp 10c	3⅞	4¼
Hydraulic-Press Brick Co 1	7½	8¼
Hydro-Electronics 1c	½	¾
Hydro Space Technology 50c	1½	1¾
Hydrocarbon Chem 1	3¾	4¼
Hydrodyne Indus 1c	--	¼
Hygiene Industries 1	3	3¼
Hygrade Pack cl A 50c	1½	1⅞
Hyster Company 50c	32	34⅜
I D Precision Components Corp 10c	1	1¼
I-T-E Circuit Breaker 4.60% pfd 50	40	--
ITI Electronics 5c	1/8	⅞
Ideal Precision Meter Co 10c	1⅜	1¾
Ilikon Corp 10c	26½	29⅜
Illinois Tool Works 10	48½	50½
Imac Food Systems *	½	1
Income Properties—		
Class A 50c	3⅛	3⅞
Indep Coal & Coke Co 1	1/8	1 1/16
Indian Head Mills—		
Common 1	20¼	21¼
$1.25 preferred 20	23¾	25⅞
Indian River Citrus Fruits Inc 2	4¾	5½
Indiana Gas & Chemical Corp 50c	41	43
Indiana Limestone 10	3½	3⅞
Indianapolis Stk Yards		
Common 50	22	24
6% preferred 50	50	54
Industrial Control Products Inc 10c	1/16	⅜
Industrial Instruments Inc 50c	⅝	⅞
Industrial Timer 1	5½	6⅜
Industrial Vinyls 10c	⅝	⅞
Industro Transistor 10c	¼	½
Information for Industry Inc 25c	8½	10
Infrared Industries *	3⅞	4½
Inland Container Corp Class A common *	45	46½
Inland Underground Facilities Inc 50c	11⅛	11⅜
Inman Mills 100	11	--
Inpak Systems 1c	2½	2⅞
Insley Mfg Corp 10	7⅞	8¼
Instrument Systs 25c	2⅝	3
Instruments for Industry Inc 25c	1⅜	1¾
Insul-Cup Corp of America 1c	¼	⅜
Insular Lumber 10	10½	12½
Insurance Exchange Bldg (Chicago) 10	36	--
Intercoast Cos 10	10½	--
Interim Corp 1c	5	--
Intercontinental Dynamics Corp 10c	⅞	1⅜
Int'l African American Corp 1	9	--
Int'l Airport Hotel System Inc 1	3	3½
Int'l Cablevision—		
Class A common 10c	1¾	2⅛
Int'l Computers & Tabulators "adrs"	9½	9⅞
Int'l Correspondence Schools World 2.50	5	--
International Data Systems Inc 12½c	4⅜	4⅞
International Dist & Vintners "adrs"	2.65	2.80
Int'l Electronic Research Corp *	a10⅝	11⅝
Int'l Electronics Class A common 10c	1½	1⅞
Intl Flavors & Fragrances 50c	35½	37⅝
Int'l Flight Caterers Inc 1c	½	1
Int'l Industries Inc *	5¾	6⅝
Internat'l Marine 1c	1/8	1/8
Int'l Oils & Metals 1	8c	9c
Int'l Packings Inc *	22	25
Intern'l Photocopy 20c	--	3½
Int'l Proteins 1	5½	6¼
Int'l Publishing Amer dep rcts	2⅛	2⅜
International Railroads Weighing Corp 1	7¾	8¼
Int'l Recreation Cp 50c	1¼	1⅝
International Safflower Class A com 2	¼	⅝
Int'l Talc common 5	40	--
7% preferred 100	115	--
Int'l Textbook Co *	55	59¼
Int'l Ultrasonics 10c	3½	4
Interphoto Corp Common class A 1	5¾	6
Interprovincial Pipe Line Co 5	80	80¾
Interstate Bakeries 1	24¾	26½
$4.80 preferred 100	88	93½
Interstate Engineer'g 1	8	8¼
Interstate Hosts 2.50	14	14½
Interstate Motor Freight System 1	24¼	25⅞
Interstate Motor Lines Inc 1	17½	18¼
Interstate Vending 1	11¾	12¾
Ionics Inc 1	11¾	12⅞
Irving (John) Shoe 1	--	3½
6% preferred 25	--	15
Irwin (Richard D) *	9¾	10¾
Itek Corp 1	15⅛	16⅜
Ivey (J B) & Co 5	18	18¾
J E Plastics Mfg 10c	5⅛	5¾
J-F Machine Diesel & Electronics 10c	⅞	1½
J-K Industries *	45c	50c
Jackson's Minit Markets Inc 1	6	6⅜
Jacobs (F L) com 1	1½	1⅝
5% conv pfd 50	30	32
Jacobsen Mfg 1	11¾	12¼
Jacquin (Charles) see Charles Jacquin		
Jaguar Cars Ltd—		
Amer dep receipts	11⅜	11⅞
Jahn & Ollier Engraving Co 1	4⅛	--
Jahncke Service Inc 2	13	14⅜
James Vend Mach 10c	1	1½
Jamesbury Corp 1	5¾	6⅝
Jane Colby Inc 1	7¾	8¼
Jantzen Inc 1	26¾	27¾
Jarecki Corp 1	6¾	7¾
Jarrell-Ash class A 1	7⅛	7⅞
Jeddo Highland Coal *	80	--
Jefferson Lake Asbestos "warrants"	3¼	4¼
Jefferson Lake Sulphur 7% preferred 10	10½	--
Jenkins Bros 25	31	33
Jergens (Andrew) *	27¼	29⅜
Jerrold Corp 10c	4⅝	5⅛
Jervis Corp 1	6¾	7⅝
Jessop Steel Co 1	9¼	10½
Jet-Aero Corp 10c	1¼	1⅝
Jewell (J D) Inc 1	7½	8½
Jiffy Steak Co 1.25	9⅝	10⅛
Jodmar Industries 10c	¼	½
Johnson Electronics 1	⅝	1
Johnson Service 5	57½	59½
Jolyn Electronics Mfg Corp 1c	3	4
Jones & Lamson Machine Co 20	a22½	23½
Jones Motor Co 2	7¼	8
Jonker Business Machines "units"	4	4¾
Jorn's Greeting Card Co Inc 10c	2	2½
Joseph & Feiss Co 2.50	14	15
Joslyn Manufacturing & Supply Co 1.25	53	56
Jostens, Inc Class A 33⅓c	16⅜	17½
Joyce Leslie—		
See (Leslie Joyce)		
Jubilee Iron 1	3.05	3.25
Julian & Kokenge *	38½	40
Julie Research Laboratories 1	5¼	6
Julyn Sportswear—		
Class A 10c	1⅞	2¼
Juniper Oil & Mining Co 10c	2	--
Jupiter Corp $1.50 pfd *	16	17½
Jurgensen's (Cal) 1	4⅛	4⅞
Justheim Petroleum 5c	16c	20c
Justrite Mfg Co 1	1⅛	1½
K A Electronics 1	¼	⅜
K D I Corp 85c	1⅜	1⅝
Kahn's (E) Sons *	26½	29
Kahr Bearing Corp 10c	3⅝	4
Kaiser-Nelson Corp Ex 2½-for-1 split	2⅞	3⅜
Kaiser Steel Corp—		
Common 1	17⅜	18⅝
$1.46 preferred	22⅜	24
Kalvar Corp 2	305	315
Kaman Aircraft cl A 1	13	13½
Class B 1	12	13
Kane-Miller Corp 1	6⅝	7⅜
Kann-Ellert Electronics 1	1⅛	1⅜
Kansas City Stock Yards (Me) 100	63	--
5% preferred 100	99	--
Kapner Inc 10c	5	5½
Karstadt (Rudolph) American shares	8	--
Bearer shares	204	210
Kavanaugh-Smith 1	4¾	5⅛
Kay Foods Corp 1	6	6½
Kay Windsor class A 1	11¼	12¼
Kaymarq Consol com 1	n--	1/8
84c preferred 1	3/8	3/4
Kearney & Trecker 3	11¾	12⅞
Keene Packaging Associates 10c	8⅛	8⅜
Keith (George E) Co—		
Common *	4¼	5¾
$5 prior pfd 100	43½	--
Keller Corp 1	n⅛	⅜
Kellett Aircraft Corp 1	1½	1⅞
Kelling Nut Co 3	4½	5½
Kellogg-American 10c	2	2¼
Kellwood Co *	26¼	27⅞
Kelly Girl Service 1	14	15⅜
Kendall Company $4.50 pfd series A *	94	97
Kendall Refining 10	24¾	25½
Kennametal Inc 5	24¼	26¼
Kennedy's Inc—		
$1.25 conv pfd *	20	--
Kenrich Petrochemicals Class A 20c	1/8	1/8
Warrants	1/8	3/8
Kent Dry Cleaners 10c	1⅝	1⅞
Kent-Moore Organization Inc 1	27	29
Kentucky River Coal Corp 25	77	--
Kentucky Stone 10	52	--
Kenwin Shops Inc 1	2¾	3
Kerite Company 10	16½	18
Kerr Addison Gold Mines 1	6¼	6½
Kerr-McGee Oil Indus		
1964 warrants	10	12
1967 warrants	21	24
Ketchum & Co Inc 1	9½	10½
Kewanee Oil Co—		
Class A 10	34½	35
Class B 10	33¾	34¾
Keyes Fib Co com 1	18¼	18⅝
Warrants	3¼	3¾
4.80% 1st pfd 25	23½	--

* Without par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend y Ex-stock dividend.

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INDUSTRIAL AND MISCELLANEOUS STOCKS

QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

Stocks—	Par	Bid	Ask
Keystone Alloys	1	7	7½
Keystone Discount Stores Inc	1	4⅛	4⅜
Keystone Electronics	25c	½	⅞
Keystone Portland Cement Co	3	17	18⅜
Kinetics Corp	*	3¼	4
King Kullen Grocery—Class A	1	10¾	11¾
King Louis Int'l	1	5	5½
King Oil Inc (Del)	1	85c	95c
King's Dept Stores	1	13	13⅜
Kingsport Press	1.25	21¼	22¾
Kingwood Oil	1	8½	9½
Kirby Lumber Corp	1	53½	--
Kirby Petroleum Trust Certificates No 1		6½	--
Certificates No 2		2½	--
Kirk Industries	1	1	1¾
Kirk (C F) Labs	20c	3⅝	4⅛
Kirsch Co	5	18⅝	19⅛
Klondex Inc class A	1c	3⅛	3½
Knape & Vogt Mfg	2	20	21½
Knapic Electro Physics Class A com	2	3/16	5/16
Knapp & Tubbs Inc	50c	1⅞	2⅛
Knickerbocker Biologicals Inc	25c	n5	--
Knickerbocker Toy	10c	1¾	2¼
Knox Glass Inc	6.25	8⅞	9¾
Knudsen Creamery Co of Calif	1	x29	30
Koehring Co com	2	17¼	18½
5% conv pfd	50	45½	47
Koeller Air Prod	5c	1	1½
Kogel Inc	1c	¾	1
Kollmorgen Corp	2.50	25	27¼
Korfund Inc	10c	2	2¼
Koster-Dana Corp	1c	2⅞	3⅜
Kromex Corp	1	6¼	7
Krueger (W A) Co	5	6¼	7¼
Krylon Inc	*	7⅜	8⅛
Krystinel Corp cl A	1c	⅛	⅜
Kuhlman Electric	2	12¾	13½
Kulicke & Soffa Mfg	*	2¾	3
Kurz & Root Co	1	1¾	2¼
Kusan Inc (Ky)	1	4⅛	4½
L. I. Chromatel Inc—Class A	10c	¼	½
La Consolidada S A—Common	75 pesos	4½	--
6% pfd	75 pesos	4½	--
La Crosse Cooler	2.25	12½	13½
La Maur Inc	10c	11½	12
Laboratory Procdres	1c	1/16	1/8
La Pointe Industries	1	1⅛	1⅜
Laclede Steel Co	20	140	148
Laguna Niguel Corp—Units		10⅝	11½
Laird & Co	1	3⅛	3⅝
Lake Arrowhead Development	*	3⅛	3¾
Lake Central Airlines—Common	1	6½	7⅝
6½% conv pfd	10	24¼	25¼
Lake Ontario Portland Cement	1	2⅜	2⅝
Warrants		½	¾
5% conv pfd	10	10	10¾
Lakeside Industries	1	3½	4¼
Lamson & Sessions—4.75% conv pfd A	50	43½	45
Lamston (M H) Inc	1	10⅞	11⅜
Lamtex Indus	10c	3½	3⅞
Lamtron Industries—Class A	10c	⅜	¾
Lance Inc	2.50	14⅞	15¼
Land Equities Inc—Class A common	1c	⅞	1⅛
Land Title Bldg	50	51	--
Landa Oil Co	10c	3	3¾
Landis Machine	2	31½	--
Landis Tool Co	*	225	--
Langendorf United Bakeries Inc com	1	14¾	15¼
$1.80 preferred	25	29	30
Langley Corp	1	1/8	1
Lannett Co Inc	2	2	2⅜
Lansing Development	*	⅜	¾
Larr Optics & Electronics Co	*	¾	1
Larsen Co	6⅔	10⅛	10½
Lasco Industries	*	3	3⅜
Latrobe Steel Co	2.50	17¾	19⅛
Lau Blower Co	1	5⅛	5⅝
Lawter Chemicals	1	16	16¾
Layne & Bowler Pump Co	1	5½	6¼
Le Cuno Oil	10c	1 1/16	1 3/16
Le Maire Tool & Mfg	1	2	2½
Le Tourneau (R G)	1	13	14½
Leach Corp	20c	10½	11½
Leader-Durst Corp—Class A common	50c	3⅞	4 1/16
Leaseway Transport'n	1	23¼	25⅛
Lee (H D) Co Inc	*	21¼	21¾
Leece-Neville Co	50c	10½	11
Leeds & Northrup	50c	27	29⅜
Leer's Homes Inc	25c	3c	5c
Leeds Travelwear—Common class A	1	4⅛	4⅝
Leetronics Inc	50c	2¾	3
Lee Way Motor Freight Inc	1	9¼	10⅛
Lee Wilson Engine'g	*	6⅞	7¼
Lehigh Industries & Investing	10c	10	11
Lehigh Press Inc	*	10¼	11
Lehigh Valley Indus—Warrants		5c	12c
Lei Inc	20c	2¼	2¾
Leland Publishing Ltd	*	7	7½
Lemke (B L) & Co	50c	1	1½
Lena Horne Beauty Products	1c	3c	5c
Lenahan Aluminum Window Corp	50c	3⅜	3⅝
Lence Lanes Inc	1	⅜	¾
Lenox Inc	2.50	14½	14⅞
Leon Ld & Cattle	10c	½	⅝
Leonard Oil Devel	25	¼	1/8
Leslie (Joyce)	10c	2⅛	2½
Lesser (Louis) Enterprises cl A com	10c	8½	9¾
Lessings Inc	1	n3	--
Lester Engineering	1	7½	8¾
Lestoil Products Inc—Common	50c	2⅜	2⅝
Class A	*	9	9½
Units		11¼	12¼
Levingston Shipb'ldg	6	6¼	7⅜
Levitt & Sons Inc	70c	4⅝	5¼
Lewis Business Forms	1	16¼	17½
Lewis (Tillie) Foods	1	6½	7
Lewis Welding & Engineering Corp	1	4½	5½
Lewis Wharf Co—Ex distribution		2	--
Lewisohn Copper	10c	⅛	⅜
Lexington Ave & 42nd Street Corp cl D	1c	18	22
Ley (Fred) T & Co	1	4½	5½
Liberian Iron Ore	*	17¾	18½
Lido Corp	10c	2	2½
Li'L Gen Stores	1	2	2¼
Lilly (Eli) & Co cl B	5	92	95½
Lily Lynn Inc—Class A com	1	9	9¾
Limestone Products Corp of America	*	95	105
Lincoln Stores	5	--	2
Lindberg Steel Treating class A	5	19¼	20¼
Lindly & Co Inc	10c	½	⅞
Lindy Hydrothermal Products Inc	10c	5¼	5¾
Ling-Temco-Vought Inc $30 warrants		3	3¾
$40 warrants		2	2¾
4½% pfd A	30	18	19½
Lion Match Co	*	3½	5
Lipe-Rollway Corp	1	14¾	16
Liquidometer Corp	1	5¾	6¼
Litecraft Indus	1	2½	3
Warrants		⅜	⅞
Lite-Vent Indus	1	⅜	⅞
Lithoid Inc	10c	2⅜	2⅞
Lithonia Lighting	*	8¾	9¾
Little (J J) & Ives	50c	⅞	1⅛
Little Ruffy Togs	1c	3¼	3¾
Littlefield Adams	1	1⅞	2¼
Littlefuse Inc	2.50	9½	9⅞
Living Aluminum	1	3¾	4½
L N C Corp	1	8⅛	8¾
Lobitos Oilfields Ltd—Amer deposits rcts		5¾	6⅜
Loblaw Inc	1	8⅜	9¼
Lock Thread Corp	10c	15c	25c
Lockhart Corp	1	13¾	14¼
Lodding Engineering	1	5	5¾
Loft Candy Corp	1	3	3¼
Lomart Perfected Devices Inc	50c	5⅞	6¼
London Terrace Inc—Class A	1	23	--
Londontown Mfg	1	26½	27½
Lone Star Brewing	1	40¼	42½
Lone Star Steel Co	1	8	8⅝
Longchamps Inc	1	3½	4½
Long Island Plastics	10c	¼	1/8
Longhorn Portland Cement Co	1.25	23	24
Long-Lok Corp	*	7½	7⅞
Long Mile Rubber	1	14⅞	15¼
Longs Drug Stores	2	24¼	25⅞
Longview Fibre	7.50	82	85
Lortogs Inc	1	1⅞	2⅛
Los Angeles Drug	*	14	15⅜
Louis Lesser See Lesser "Louis"			
Louisiana-Delta Offshore Corp	2c	1½	1¾
Louisiana State Rice Milling	10	25	--
Lowell Toy Mfg	50c	3¼	4
Lowe's Cos Inc	1	11¾	12⅞
Lucks Inc	*	8¼	8¾
Lucky Lager Brewing	1	16	17¾
Lucky Stores Inc	1.25	20⅜	21¾
Ludlow Corp	*	53½	56¾
Ludlow Typograph	10	13¾	14½
Ludwig Engineering and Science	*	2⅞	3¼
Luminator Harrison	1	6¾	8⅛
Lum's Inc class A	10c	⅝	13/16
Lunn Laminates	25c	⅝	¾
Lusk (The) Corp	1	1½	1⅞
Warrants		½	⅞
Lynch Communication System Inc com	1	11¾	12¼
$8.50 warrants		4	6
Lyntex Corp	25c	1	1½
Lyon Metal Prod	2½	24½	25½
Lytle Corp	*	⅛	⅜
M & D Store Fixture	1	5¼	6
M S I Electronics	3c	¼	½
Macco Corp	1	13⅞	14⅞
Macco Realty Co	1	7⅝	8⅜
MacDonald (E F)	1	9½	9⅞
Machine Bull "ADRS"		77½	79
Mack Shirt Corp Class A com	*	12⅛	12½
Mack Trucks Inc—			
1959 warrants		8⅝	9
1961 warrants		14½	15½
MacWhyte Company	10	29	30½
Madway Main Line Homes, Inc	1	10½	11¼
Magma Power	10c	55c	65c
Magna Pictures Corp	5c	2⅝	2⅞
Warrants		1½	1⅞
Magna Pipe Line Co Ltd com	*	6¼	6½
Units		6¾	7⅛
Warrants		2⅛	2⅜
Magnasync Corp	1	1¼	1⅝
Magnefax Corp	*	2¼	2⅝
Magnetic Metals	1	8⅜	9¼
Magnetics Inc	1	3⅝	4
Magnin (Joseph) Co	1	35¼	38
Mahon (R C) Co	5	11¼	11¾
Majestic Penn State	*	⅞	1⅛
Major League Bowling & Recreation Inc	1	⅝	⅞
Major Pool Equipment Corp	10c	1¾	2
Major Realty Corp	1c	¼	⅜
Mallinckrodt Chemical Works cl A com	10	40	41½
4¼% convertible pfd series C	50	47	--
Malone & Hyde Inc	1	19½	20
Management Assistance	10c	8¾	9¼
Mandrell Industries	*	13⅛	13⅝
Manischewitz (B) Co	*	27	31
Mannesmann (A G)—Amer deposit rcts		26¾	27¾
Manpower Inc	66⅔c	21½	22½
Mann Research Laboratories Inc	50c	1½	2
Maradel Prods Inc	1	19¾	20⅛
Marcon Electronics	1	7	8
Maremont Corp—6% preferred	100	100	101½
Marine Petroleum Tr—Units of interest		5⅛	5⅜
Marine View Electronics Inc	10c	1⅛	1⅜
Market Basket	50c	24¾	26¾
$1 preferred	15	17	--
Markite Co	25c	9	10¼
Marley (The) Co	2	22⅛	22⅝
Marmac Industries	10c	2¼	3
Marmon Herrington	1	8¾	9¾
Marquette Corp	1	4	4⅜
Marrud Inc	2	7⅝	8⅜
Marsan Industries—Class A common	10c	¼	½
Marsh & McLennan	*	38⅛	40¼
Marsh Steel Corp	1	4½	5¼
Marsh Supermarkets	*	15⅜	16½
Marshall Electronics	1c	¾	1⅛
Marshall Industires	1	3½	4¼
Martin Yale Business Machines "units"		2½	3
Martinall Indus	1¼	11	11¾
Mary Carter Paint—Common and Class A Now listed ASE			
Maryland Shipbuilding & Drydock—Common	50c	17	18⅝
4½% preferred	100	100	--
Mastan Co	1	12½	12⅞
Mass Protective Assn	5	119	122
Mastercraft Medical & Industrial Corp	10c	1	1⅜
Mastic Corp	1	6¼	7
Mastro Industries	10c	1	1⅜
Mathes (Curtis) Mfg	1	42¾	43¾
Matheson Co Inc	1	21	24⅛
Mathews Conveyor	1	20	--
Mathias (A L) Co	*	3½	4
Mattell Inc	1	37½	38¼
Matthiessen & Hegler Zinc Co	20	14½	16
Maul Bros Inc	25c	7¼	7¾
Maust Coal & Coke	1	13½	15
Maxam Inc	1	5¾	6½
Maxson Electronics	3	7¼	8
Maxwell Indus	10c	9¾	10¼
Mayer (Oscar) & Co	10	34½	36
Mayfair Industries	1	1½	2⅛
Mayfair Markets	1	7½	8⅜
Mayfair Super Mkts	1	⅝	⅞
Mayfield Engnerng	10c	1⅞	2¼
McCandless Corp	*	3	3¼
McCloud Riv Lumb	25	102	110
McCord Corporation—$2.50 preferred	50	n46	--
McCormick & Co	*	33	35
McDonough Co com	*	30	--
5% preferred	25	20	--
McGill Mfg Co	50	16	--
McGowen Glass Fib	1c	1⅜	1¾
McGraw (F H) & Co	2	1⅝	1⅞
McGraw-Hill Publshng Class A	1	22½	23½
McLean Industries—Class A	1c	5	5½
$3 preferred	5	45½	46½
McLouth Steel Corp	2½	37¾	42
McQuay Inc	1	14¾	16¼
Mecanair Inc	*	n¼	¾
Mechanex Corp	50c	3½	3¾
Mechanical Handling Systems Inc	1	4¾	5½
Mech-Tron Indust	50c	15c	25c
Medallion Pictures	50c	8¼	9⅛
Medex Inc	1c	20c	30c
Medford Corp New $2 par (split 5-for-1)		51	55
Medtronics Inc	10c	2¾	3⅛
Megadyne Elect'nics	10c	30c	45c
Melpar Inc	1	13	14⅛
Merchants Acceptance Class A common	*	37½	39½
Merchants Fast Motor Lines	1	23⅛	23⅝
Mercury Photo—Class A	10c	2¼	2¾
Meredith Publishing	5	22¾	24⅞
Meridian Electron's	10c	1½	1⅞
Merry Bros Brick & Tile Co	2.50	6¾	7¾
Mersick Industries—Class A common	1	2¾	3⅛
Mertronics Inc	10c	⅞	1
Messenger Corp	1	13	--
Met Food Corp	1	1¾	2
Metal Bellows	*	2¾	3½
Metalcraft Inc	10c	1¾	2¼
Metalfab Inc	1	4⅜	5⅛
Metal Goods Corp	3.75	14¼	15½
Metal Hydrides Inc	5	8	8¾
Metal Marking Industries Inc	25c	1 3/16	1½
Metalphoto Corp	1c	2½	2⅞
Metallurgical Inter'l Class A	10c	⅝	13/16
Metallurgical Resources Common	1c	⅝	7/8
Metatronics Mfg	5c	⅞	1⅛
Metcom Inc	50c	3¼	4
Metro Inc common	1	2	4
7% preferred	10	5	10
Metropolis Bowling Centers Inc	10c	2	2¼
Metropolitan Playhouse Class B	*	14	16
Mexican Eagle Oil—Ordinary	*	65c	75c
Meyer (Fred) Inc—Class A common	*	10½	11⅜
Meyer (George J) Mfg Co	5	39¼	40
Meyercord Co	5	10½	12⅝
Miami Data Processing Center, Inc	10c	3¾	4¼
Miami Tile & Terrazzo	1	⅜	⅞
Miami Window Corp—Common	50c	¼	7/16
70c conv preferred	8	1¼	1¾
Michaels (J) Inc	1	5	5½
Michelin Rubber & Tire		209	211½
Michigan Bakeries	1	2¼	3
5½% conv pfd	20	17	19
Mich Seamless Tube	5	18¼	19½
Microdot Inc	*	7⅞	8¾
Micro Metals	10c	3/16	⅜
Micro Precision	20c	½	⅞
Microsonics Inc	*	2	2½
Microton Industries	10c	52c	62c
Mid-State Raceway	1	9	10
Midas-International—Class A common	1	12½	13
Midwest Rubber Reclaiming com	2.50	16	17
4½% preferred	50	44	--
Midwest Technical Development Corp	1	¾	1
Miehle-Goss-Dexter Inc	7.50	38½	39¼
Mile High Kennel Club (Colo) cl A	1	4⅜	4¾
Miles-Samuelson	1	2	2½
Milgo Electronics	1	8¾	9¼
Milgray Electronics	25c	3⅞	4¼
Miller Bros Hat	1	10	10⅞
Miller Mfg Co	1	6⅞	7⅝
Miller & Rhoades—Common	20	30	--
4.75% preferred	100	96	--
Millipore Filter	1	34½	37⅝
Milton Bradley Co	1	14¾	15⅛
Mine Safety Appli	10	65	70
Miner Industries	1c	2⅜	2¾
Minerals Engineering	1	⅝	⅞
Miniature Precision Bearing class A	2	6⅛	6½
Minitone Elect'nics	10c	1/16	3/16
Minitronics class A	20c	⅛	--
Miracle Mart Inc	1	3⅛	3¼
Miss Elliette Inc	50c	2⅛	2½
Miss Pat (Cal)	*	7½	8⅜
Missile Components	*	⅜	¾
Missile Sites Inc	25c	1½	1¾
Missile Systems	10c	3¾	4⅛
Missile-Tronics	10c	¼	⅝
Mississippi Glass Co	10	23¾	25¾
Mississippi River Transmission Corp	1	13½	14¼

*Without par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend. y Ex-stock dividend.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

Stocks—	Par	Bid	Ask
Mississippi Valley Barge Line Co	1	13½	14⅝
Missouri Research Laboratories Inc	10c	1¾	2
M I T E Corporation	1	4⅛	4⅝
Mitron Research & Developm t Corp	10c	1⅜	1¾
Mitsui & Co Ltd Amer deposit rcts		13⅞	14¼
Mobilife Corp	50c	2	2⅜
Model Engineering & Mfg Corp	*	8	8¾
Model Vending Inc	1	¾	1
Modern Homes Const	*	5⅞	6⅝
Modern Materials	1	5	5½
Mohawk Electronics	40c	32c	38c
Mohawk Liqueur	1	15	16
Mohawk Rubber Co	1	30	32⅜
Mohican Corp	1	--	5/16
Moki Oil & Rare Metals Co	5c	46c	60c
Molecular Systems	1c	n3¼	4
Moloney Electric A	*	22	26
Monarch Electronics International	1	¾	1
Monarch Marking System Co	*	53	56
Monmouth Electric	25c	1½	1⅞
Monmouth Park Jockey Club common vtc	1c	12⅛	13¼
Monroe Auto Equip	1	16¾	18
Montecatini Mining & Chemical Co— Italy (£1,000)		3.70	3.90
Montgomery (H A)	5	8½	--
Moog Servocontrols	1	11⅜	12¼
Moore (E R) Co	*	11¾	12⅞
Moore Drop Forging	1	14	15¾
4¾% preferred	50	40	--
Moore-Handley Inc	1	9⅞	10¾
Moore Products Co	1	19¾	20½
Morgan Engineering	1	12½	13½
Morningstar-Paisley	1	10	11¼
Morrison Cafeterias Consolidated com	*	29½	31
7% preferred	100	107	--
Morrison-Knudsen	10	31	31½
Morse Shoe Inc	1	9⅞	10¾
Morton Foods	1.50	8⅝	9
Morton Mfg Corp	1	26½	28½
Mosinee Paper Mills	10	34	37
Mosler Safe Co	1	20	21½
Motec Indus	1	20½	21⅞
Mother's Cookie	*	5⅝	6½
Motor Coils Mfg	50c	1¼	1¾
Motor Mart Garage	1	5	--
Motor Parts Industries Class A	10c	3	3½
Mountain Electron	50c	2¼	2½
Mt Isa Mines Ltd— Amer deposit rcts		7⅝	8
Moxie Co	*	32c	40c
Multi-Amp Electron	10c	1⅞	2⅛
Multnomah Co	*	5	6
Multnomah Kennel Club class A	1	4⅜	4⅝
Murray Co of Texas Inc	2.50	31¼	32
Music Fair Enterprises Inc	50c	6¼	6¾
M V T Industries	1	2½	3
Myers Emporium (Australia) ord 5s		3.90	4.10
Amer dep rcts		19¼	20¼
Nail-Tone Inc	10c	n½	¾
Nalco Chemical	1.25	54½	57¾
Nalley's Inc	62½c	8¾	9¾
Narda Microwave	10c	2⅛	2⅜
Narrow Fabric Co	3	8¾	9
Nashua Corp— Class A	1.66⅔	24½	25½
Nat'l Aeronautical	1	14	15⅛
Nat'l Alfalfa Dehydratg & Milling 5% pfd	50	43½	--
National Bagasse Products class A	1	3⅞	4¼
Warrants		1¾	2
National Chem & Mfg	1	15	16
National Cleaning Contractors Inc	1	16¼	17¾
Nat'l Cleveland Corp	1	1½	1⅞
National Equipment Rental Ltd "wts"		4½	--
National Food Marketers Inc	1c	1	1½
Nat'l Food Products	1	17¼	18
Nat'l Gas & Oil Corp	5	21¼	23
Nat'l General Corp— Warrants		75c	83c
Nat'l Growth Corp	25c	½	¾
National Homes Corp— Class A	50c	5¾	6½
Class B	50c	5⅛	5⅝
Warrants		2½	3½
National Hospital Supply Co Inc	10c	⅜	⅝
National Instrument Laboratories	10c	1/8	1 1/16
Nat'l Licorice com	100	240	--
6% preferred	100	106	--
Nat'l Mercantile	10c	¾	1⅛
National Musitime	1c	⅛	¼
Nat'l Nu-Grape Co	*	2⅜	--
National Patent Development Corp	1c	4	4⅝
Nat'l Periodical Publications	1	9½	10⅜
Nat'l Pool Equipment	1	1½	1⅞
Nat'l Propane Corp— Common	1	16¼	16¾
5% conv 2nd pfd	25	44	--
National Resources	*	1⅛	1½
Nat'l Screw & Mfg	1	33	34
Nat'l Shoes Inc	1	6	9
National Tank Co	1	19	20¼
Nat'l Tel-tronics	10c	⅝	1
Nat'l Telepik	1c	4½	4⅞
Nat'l Terminals Corp	5	18¼	19
Nat'l Work-Clothes Rental	50c	7	7⅞
Nationwide Homes	50c	1⅛	1½
Natpac Inc	10c	3¾	4⅛
Naturizer Co Class A com	20c	1¾	2
Navajo Freight Lines	1	11⅞	12⅜
Navigation Computer	*	2¾	3½
Nazareth Cement	10	13½	14½
Neb Consol Mills	10	28	29
Neiman-Marcus	2	14⅝	15⅞
4¼% preferred	100	88½	--
Nekoosa-Edwards Paper common	10	18	18½
Neptune Meter $2.40 preferred	50	48	--
Nesbitt (John J)	50c	11½	12¼
Networks Electr'ics	50c	4¼	4⅞
Neuhoff Bros Pk'g	10	26½	28¾
Newark Electronics— Class A	2	4¼	4⅝
New Britain Mach	10	25¾	26½
New England Fish— Common Class B	*	140	--
Preferred	100	80	--
New Eng Laundries	*	9	13
New Hampshire Ball Bearings	2	9⅜	10⅜
New Hampshire Jockey Club vtc	*	38	41
New Haven Board & Carton	10	3⅞	4⅜
New Jersey Alumin Extrusion class A	1	3¼	3¾
New Jersey Realty	1	17	19
New Medical Techniques Inc	*	1/8	¾
New York Airways	1	6⅝	7⅛
N Y Fruit Auction Class A	*	40	45
N Y Merchandise	10	20	30
N Y Trap Rock	*	11¾	12⅞
New Yorker Mag	10	98	102
Nicholson File	1	23¾	25½
Nickel Rim Mines Ltd	1	11c	15c
Nielsen (A C)	1	45¾	48½
Nissen Trampoline	1	3½	4½
Nitrogen Oil Well Service Co	25	26	--
Nixon-Baldwin Chemicals Inc	10c	5¾	6½
No-Sag Spring Co	2	13¾	--
Nopco Chemical 4% pfd series A	100	82	--
Noranda Mines Ltd	*	33⅞	34½
Noranda Oil Corp	1	¼	⅜
Nord Business Machines Corp	10c	1½	1⅞
Nortex Oil & Gas	1	3⅞	4⅛
$1.20 conv pfd	1	10½	11½
North & Judd Mfg	12½	16½	18
North American Contracting Corp	10c	⅛	¼
North American Refractories Co	10	12⅛	12⅝
North American Van Lines Inc	*	25¼	26
North Amer Vending Mfg Corp	10c	¾	1¼
North Central Airlines Inc	20c	5	5½
North Central Co	1	10¼	11¼
North European Oil	1	1.20	1.30
North Hills Electric	1c	½	¾
North Star Oil	10c	⅜	½
Northern Chemical Industries class B	*	2¾	3¼
North'n Engin'g Wks	1	8	8¾
Northern Instrument	1c	⅜	⅞
Northwest Engineering Co class A	*	34½	35½
Northwest Nitro Chemicals Ltd	1c	1⅝	1¾
Northwest Paper Co	5	30½	32
Northwest Plastics	2.50	6¾	7½
Northwest Production	1	1⅜	1⅝
Northwestern Glass	5	21	22½
Northwestern States Portland Cem't Co	*	47	49
Norton Co	10	40¼	40¾
Norwalk Company	1	3½	3¾
Noxzema Chemical Class B common	1	87	90
Nuclear-Chicago Corp	1	11⅜	12¼
Nuclear Data Inc	*	11¾	12¼
Nuclear Materials & Equipment Corp	*	44	46
Nu-Era Corp	*	1 1/16	1 3/16
Nucleonic Corp of America	10c	¾	1⅛
Nunn Bush Shoe	2.50	19¼	20
NuTone Inc	1	22¼	24⅛
Nytronics Inc	1	3⅜	3⅞
O K Rubber Welders	10	3½	3⅞
Oakland Consol Corp	*	¼	½
Obear-Nester Glass	*	20¾	21½
Oberman Mfg com	1	3⅛	3½
5% conv pfd	10	7¾	8½
Ocean Drilling & Exploration Co	1	18½	19⅞
Ocean Products	5	5½	--
Ocean-Spray Cranberries Inc— Common	25	11	--
4% preferred	25	14½	--
Oceanarium Inc	1	11½	11¾
Oceanic Instruments	1c	1/16	⅛
Oceanics Inc	10c	1⅛	1⅜
Official Films Inc	10c	¾	⅞
Oglebay Norton Co	1	21	22
Ohio Crankshaft	15	23½	25
Ohio Leather Co	5	13½	14½
Oilgear Co	6.25	27½	29½
Oil Inc (Nev)	1	1½	1⅝
Oil Recovery Corp	1c	4⅝	5¼
Oil Shale Corp	15c	3⅛	3⅝
Oklahoma Cement	25c	13	14⅛
Okla Miss River Products Line Inc	1c	6⅞	7½
Old Ben Coal Corp	5	36	38⅜
Old Empire Inc	10c	¾	1¼
Oliver Tyrone Corp	10	19	--
Olivetti— Adrs for pref shares		6⅛	6⅜
Olson Brothers	1	1⅝	1⅞
One-Hour Valet	1	1⅝	1⅞
Onego Corp	1	⅜	⅝
Oneida Ltd com	12½	19	19¾
6% preferred	25	25½	27
Onondaga Pottery	*	43	45
Onyx Chemical Corp	*	27½	29⅝
Orbit Instrument	10c	2½	2¾
Ore-Ida Foods Inc	*	7	7¾
Oregon Metallurgical	1	1¼	1½
Oregon Portland Cem— Class A common	*	17¾	18½
Originala, Inc	10c	7⅛	7⅝
Orkin Exterminating	*	22¼	23⅞
Ormont Drug & Chemical Co	3	1¾	2⅛
Ortronix Inc	10c	2¼	2¾
Osborn Mfg Co	5	28	29
Osrow Products	10c	3¼	4¼
O'Sullivan Rubber— 5% preferred	20	11½	12½
Otarion Electron	10c	n⅞	⅝
Outdoor Developmt	15c	½	¾
Overnite Transportation Co	50c	22¾	23¼
Ovitron Corp	1c	2⅛	2½
Oxford Chemical— Class A common	25c	6⅛	7⅜
Oxy-Catalyst	*	9	10½
Ozon Products	50c	14½	15¾
Oz Publishing Corp	20c	a⅛	¼
Ozark Air Lines	*	3¾	4
Ozite Corp	5	18	18¾
P & C Food Markets	5	13	14
PEC Israel Economic Corp	25	16⅝	17
P-G Products Mfg	50c	3	3½
P & H Tube Corp	1	2½	2⅝
Warrants		30c	50c
Pabst Brewing Co	*	19½	20⅝
Pacific Air Lines	50c	4¼	4⅝
Pac Airmotive Corp		3½	4⅛
Pacific Automation Products Inc	1	20c	35c
Pacific Car & Fdy	20	86	--
Pacific Far East Line Common	5	15½	16½
5¼% conv 1st pfd	25	26	--
Pacific Gamble Robinson	5	12¼	14⅜
Pacific Mercury Electronics cl A	50c	6¾	7⅝
Pacific Nutrient & Chemical Co	10c	1⅜	1¾
Pacific Outdoor Adv	5	8	9½
Pacific Southwest Airlines	*	30⅞	32¾
Pacific Vegetable Oil Corp	5	16¼	17½
Package Machinery	10	13½	14¼
Packard Instrument	*	14¼	15¾
Pacotronics Inc	1	a⅝	1
Pak-Well Paper Industries class A	*	10⅜	10¾
Pakco Cos Inc	1c	4	4½
Pako Corporation	2.50	14¼	14¾
Palace Corp	1	40c	48c
Palm Developers Ltd— Ordinary	1s	½	¾
Palomar Mortgage	1	5⅞	6½
Pan-Alaska Fisheries	50c	2⅛	2½
Panacolor Inc	20c	7¾	8½
Pan Amer Resources	5c	3¾	4¼
Panoil Co	10c	32c	38c
Pantepec Oil Co— American shares		24c	28c
Pantex Mfg Co— Common	12½c	6c	11c
Papert, Koenig, Lois— Class A	30c	6⅞	7⅜
Para Industries	10c	¾	1¼
Paradynamics Inc	1c	2⅞	3¼
Paramount Foam Industries	10c	1	1¼
Paramount Motors	1	50	--
Pargas Inc	1	16¼	17¾
Park Lexington	10	182	--
Parker (A-J) Co	*	⅝	1⅛
Parker-Hannifin	*	25¼	27¼
Parker Petroleum— Common	10c	n⅜	½
6% conv pfd	10	n2¼	3¼
Parkview Drugs	1	11¾	12½
Paterson Parchment Paper Co	10	12⅛	12½
Pathe Equip cl A	75c	4¼	4¾
Patino Mines & Enterprises Cons— American shares	1	3	--
Patrician Paper Co	10c	4	4½
Patterson (M F) Dental Supply Co of Del	*	7⅞	8⅜
Pauley Petroleum	1	14⅞	15⅞
Paulsboro Chemical Industries com	1	⅞	1⅛
6% ser A pfd	5	1⅛	1⅜
Pavelle Corp	10c	2½	2⅞
Pearce Simpson Inc	50c	1⅛	1⅛
Pearl Brewing	1	26¼	27¾
Pearson Corp	25c	3	3½
Pechiney Co	5000f	38	38¾
Peerless Tube Co	2	7⅞	8¾
Pell Pharmaceut's	5c	½	⅞
Pend Oreille Mines & Metals Co	1	1.55	1.70
Penguin Books Ltd— Ordinary 4s	*	1.80	2.00
Penn-Akron Corp	5c	7/8	⅝
Penn Anthracite Collieries units		8	12
Penn Controls	2.50	25	26
Penn Dairies class A	5	3¼	4
Penn Engin'ing Corp	*	13	14
Pennsyl Industrial Chemical Corp	10	35	--
Penobscot Chemical Fibre Co	1	7⅜	8⅛
Pepsi-Cola Bottling Co of Wash D C	10c	4⅜	5⅝
Pepsi-Cola General Bottlers Inc	1	12	12⅜
Pepsi-Cola United Bottlers Inc	1	4½	4¾
Perfect Fit Industries class A	10c	¼	⅝
Perfect-Line Mfg	10c	½	1
Perini Corporation	1	4	4½
Perini Electronics	1	3¼	4
Permanent Filter	*	1⅛	1½
Permeator Corp	10c	7¼	7¾
Perrine Industries— Class A common	1	⅝	⅞
Perry Electronic Components Inc	5c	n3c	12c
Personal Property Leasing Co	1	8½	9¼
Peter Paul Inc	*	31¾	34¼
Peterson Electronic Die Co. Inc	20c	1¾	2⅛
Petrolane Gas Serv Now listed NYSE			
Petroleum Explor	10	n60	64
Petrolite Corp	*	27⅛	28⅞
Pettibone Mulliken	20	23¾	26
Pextile Corp of Amer	1	¾	1
Phila Bourse	50	52	--
Philadelphia Labs	*	4½	5

* Without par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend y Ex-stock dividend.

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INDUSTRIAL AND MISCELLANEOUS STOCKS

QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

Stocks— Par	Bid	Ask
Philips Gloeilampen Fabrieken (1000 25 florins	47⅞	48¼
Photographic Assistance Corp 20c	1/16	5/16
Photo-Marker Corp 50c	2⅜	2¾
Photon Inc 1	9⅜	10⅜
Photronics Corp 10c	¼	½
Physio-Chem Corp 1c	½	1
Pickering Lumber 3.75	8⅝	9¼
Pickwick Internat'l 1c	4⅛	4⅜
Pickwick Organiz 10c	2	2¼
Pictorial Product'ns 20c	1⅜	1¾
Piedmont Aviation *	4	4¼
Pierce & Stevens Chemical Corp 2	10¾	12
Pigeon Hole Parking (Washington) 10c	n5c	15c
of Texas 25c	1/16	--
Pinnacle Explorat'n 10c	1⅛	1⅜
Pioneer Aerodynamics Systems 10c	3	3½
Pioneer Astro Industris Inc *	2⅜	2⅝
Pioneer Metals 10c	2¾	3¼
Pioneer Texas Corp	2	2⅝
Pir-O-Wood Indus 10c	1¼	--
Pirelli Co of Italy— Amer dep rcts	8¼	8⅜
Pittsburgh Reflector— Class B 5	6¼	6¾
6% conv pfd A 10	10¾	11¾
Pittsburgh Standard Conduit Co 5	5	5¾
Placer Development *	25	25¾
Plastic Applicators 1	2¼	2¾
Plastic Wire & Cable 5	19	20
Plasticrete Corp 1	8¼	8½
Plastics & Fibers 20c	2¼	2½
Plastiline Inc 10c	1¾	2⅛
Plastoid Corp of America 1c	1 1/16	1¼
Plated Wires & Elec 10c	1¾	2½
Platt Corp cl A 50c	¼	7/16
Playskool Mfg Co 1	15¼	16¾
Plymouth Cordage 25	72½	76
Plymouth Rubber 5	8¾	9¾
PneumoDynamics 1	8⅞	9¾
Pocket Books Inc 50c	6⅝	7¼
Polaroid Corp 5% 1st preferred 50	44	--
$2.50 2nd preferred 5	43	--
Poly Repro Int'l Ltd 5c	4¼	5
Poly-Seal Corp 10c	⅝	⅞
Polymetric Devices 10c	1¾	2¼
Polytronics Labs— Class A 10c	1/16	1⅛
Pope & Talbot com *	25	27
6% preferred 5	4⅞	--
Popell (L F) Co 10c	7⅞	8½
Popular Library 1	2⅞	3⅛
Porce-Alume Co 10c	--	⅝
Porce-Cote Research & Dev class A 10c	1⅝	2⅛
Portable Elec Tools 1	8¼	9¼
Porter (H K) Co (Del) Common 1	35½	37
4¼% preferred 100	97	--
Potash Co of Amer 5	24	25⅝
Potlatch Forests 1	31	33½
Potter Instrument 25c	6	6⅞
Power Designs 10c	1	1¼
Power Indus Prod— Class A com 10c	3½	4
Precision Apparatus 1	½	1
Precision Automotive Components Co 1	5	5¾
Precision Instruments *	10½	11
Precision Special 10c	⅞	1⅛
Precis Transformer 20c	8c	12c
Preco Industries 5c	3/8	3/4
Premier Albums 25c	8¼	8¾
Premier Corp of America 10c	1⅞	2¼
Premier Industrial 1	17	18⅜
Premier Microwave 1	2⅝	3¼
President Brand Gold Mg "ADRS" 5s	10½	11
President Steyn Gold Mining Co Ltd 5c	3	3½
Prevor-Mayrsohn 10c	1½	3
Preway Inc 5	4	4⅝
Primex Equities Corp— Class A 10c	7	8⅛
Prince Gardner 10	21	23
Printing Corp of America 1	10⅛	10⅞
Process Lithograph 10c	n5c	10c
Procter & Gamble Co— 8% preferred 100	184	--
Producers Cotton Oil Co 1	13¼	13¾
Producing Properties Common 10c	6½	6¾
6% preferred 25	26	--
Products Research 2	7	7¾
Professional Golf 50c	7⅛	7⅞
Progress Webster Electronics Corp 1	3¼	3⅝
Progressitron Corp 10c	¾	1
Prom Motor Hotel— Class A *	9¼	9¾
Prosper-Way Inc 10c	¾	1¼
Prufcoat Labs Inc 1	11	11½
Pubco Petroleum 1	8¾	9
Publishers Co 40c	4½	5¼
Pueblo Supermarkets Class A common *	32½	33½
Puerto Rican Cement Now listed NYSE		
Puerto Rico Brewing *	5½	5⅞
Punta Alegre Sugar 1	10¾	11½
Purepac Corp 5c	½	⅛
Purex Corp Ltd 1	26⅞	28½
Puritan Fashions 1	7⅝	8 1/2
Purity Stores Ltd 1	13½	14½
Pyle National 8% preferred 100	123	--
Pyroil Co Inc 1	6¾	7½
Pyrometer Co of America 50c	⅛	⅜
Q-Line Instrument 1c	4	4¾
Quik-Chek Electronics & Photo Corp 1	3⅞	4⅛
Quincy Market Cold Storage & Whse 50	52½	55
Quinta Corp 5c	1 5/16	1 7/16
R C Can Company 1	32¼	33
R E D M Corp Now listed ASE		
Rabin-Winters Corp *	1⅜	1¾
Radar Design 1	1¾	2
Radar Measurements 1	1⅛	1½
Radiant Lamp Corp— Class A 10c	2⅞	3¼
Radiation Dynamics 1	39½	42¾
Radio Frequency 1	1¼	1½
Radio Shack Corp 1	1⅞	2⅛
Ragen Precision Industries Inc 25c	3	3½
Rainbow Photo Industries, Inc 25c	1¼	1¾
Rajac Industries 10c	1	1⅜
Ram Tool Corp 3⅓c	1⅞	2⅛
Ramada Inns Inc 10c	6⅝	6⅞
Ranchers Exploration & Develop new 10c	4¾	5¼
Rand Development 5c	3½	4½
Randall Graphite Bearings Inc 1	2¾	--
Rank Organization "A" Amer dep rcts	5.80	6.00
Ranney Refriger 2.50	2½	3¼
Rantec Corp *	a11½	12¼
RAP Industries 1	4⅜	4¾
Rapid Film Technique Inc 10c	⅝	1
Rare Metals Corp of America 1	⅞	1⅛
Raritan Plastics Class A com 10c	1½	1⅞
Raychem Corp *	21	22
Raymond Engineering Laboratory Inc 1	4½	5¼
Reading & Bates Offshore Drilling— Common 20c	4¾	5
Class A conv *	20½	22¼
Realsite Inc 10c	1/16	1/4
Realtone Electr'nics 10c	1¾	2
Reardon Co 1	7	--
Record Vend Mach 10c	1/16	1/4
Redman Mfg & Engineering 1	n3½	4
Red-O-Lier Corp— Class A com 10c	5½	6
Red Rope Stationery Industries 10c	1⅝	2
Redwing Carriers 1.25	13½	14⅝
Reece Corp— Split 5-for-1	t28	29
Regal-Meadows 25c	2	2⅜
Rego Industries 10c	1⅛	1 3/16
Reheis Co class A 1	14	15⅛
Reher Simmons Research, Inc *	1⅞	2⅜
Rek-O-Kut Co Inc 25c	⅛	3/16
Remco Industries 50c	9¼	10⅛
Remington Corp 1	1⅞	2⅛
Renaire Foods Inc 1	1¼	1⅝
Renmar Corp 50c	⅝	⅞
Renner Inc 50c	⅛	½
Renwell Industries 1c	33½	34½
Reon Resistor 1c	¼	½
Republic Electronics Industries 10c	⅞	1⅛
Republic Graphics 10c	½	¾
Republic Supply Co of Calif 10	11¼	12¼
Rese Engineering 1	1/16	3/16
Research Specialties 1	20½	21⅞
Reser's Fine Foods 25c	n⅜	⅝
Resiflex Laboratory 1	10	11
Resistance Welder 1	1¾	2¼
Resisto Chemical *	3/16	7/16
Resitron Labs Ltd 25c	35c	60c
Resource Ventures 1	3½c	5c
Revere Racing Assn *	8¾	9⅝
Rexach Construction 1	9½	10
Reynolds & Reynolds— Class A common 10	39½	41¾
Rhine Westphalia Electric Pow "Adrs"	74½	75¼
Rhodes (M H) Inc 1	1⅝	1⅞
Rhodesia Broken Hill Develop Co Ltd— English shares	½	⅝
Rhodesian Anglo-Amer Amer deposit rcts	8½	9
Rich Ice Cream Co *	41	--
Richards Aircraft Supply Co 10c	⅝	⅞
Richardson Co 12.50	28⅝	30⅜
Richmond Cedar Works 1.25	5½	6½
Richmond Homes 1	n4⅛	--
Rich's Inc com *	42½	43¼
3¾% preferred 100	86	--
Riddle Airlines 10c	35c	40c
Ridge Tool class A *	32	34¼
Riegel Textile Corp— Common 5	20	21½
$4 pfd series A *	83	87
Rieke Metal Prod 5	32	--
Riley-Stoker Corp 3	37¼	40
Rimrock Tidelands 80c	3½	3⅞
Rio Tinto Co Ltd— Ordinary 10s	3⅜	3¾
Ripley Co Inc 50c	8½	9¼
Ripley Industries & Jomar Plastics— "Units"	6¼	7
River Brand Rice Mills 3½	22	23⅝
Rixon Electronics 25c	3¾	4⅛
Roadway Expresss— New no par value Split 2-for-1	t28⅜	30¼
Roanwell Corp 1	3⅝	4
Robbins & Myers *	61	67½
$1.50 partic pfd *	25	27
Roberts & Porter 1	9	9¾
Roberts Co (N C) 1	4	4¾
Roberts Co (Calif) 1	9¼	9¾
Roberts Lumber 2.50	6½	7¼
Robertson (H H) 1	44½	45½
Robins (A H) Co Inc 1	37⅝	38⅛
Robins Industries 10c	1⅛	1⅜
Roblin-Seaway Industres class A 10c	1⅛	2
Robosonics Inc 25c	1⅝	2
Rochester & Pittsburgh Coal common *	28½	30½
5% non-cum pfd 100	50	--
Rochester Button Co 1	17	18
Rock of Ages Corp *	16	16¾
Rocket Jet Engineering Corp 75c	6⅜	7⅛
Rocket Power, Inc 1	3¾	4⅛
Rocket Research *	1⅜	1⅝
Rockower Bros 30c	2⅞	3⅛
Rockwell Mfg Co 2.50	26⅝	28¼
Rockwood & Co com *	90	--
5% series A pfd 100	75	--
Rodale Electronics 50c	½	1
Roddy Recreation Products 1	4¾	5⅜
Rogers (John) Co 1	13⅞	14¼
Rondout Corp 10c	3/8	5/8
Roper Industries 5	17	17¾
Rorer (Wm H) 8⅓c	38⅜	40⅝
Rose Marie Reid 1	5	5¾
Ross Gear & Tool 10	22½	23½
Rotating Components 1c	1¾	2⅛
Rothmoor Corp 40c	3¾	4⅛
Roto American Corp 1	3	3½
Roto Cylinders 10c	2½	3
Rotron Mfg Co 5c	17½	18½
Rowan Controller 2.50	7	7¾
Rowe Furniture Corp 1	12¾	13⅞
Royal Dutch Petrol— New York shs (33⅓ florins)	79½	80½
Royal Industries 1	4⅜	5
Royal Land & Dev— Class A 10c	1¼	1½
Royal McBee Corp— 4½% pfd series 100	61	66
Rucker & Co *	10½	11
Rudd-Melikian 1	4	4⅝
Russell Mfg Co *	17	19
Russell Reinforced Plastics Corp cl A 1	¼	7/16
Class B 5c	1/8	½
Russell Stover Candies Inc 1	26¾	27½
Rust Craft Greeting Cards Inc 1	15½	17
S & P Nat'l Corp— Common 1	45c	60c
Class A	6	8
S. O. S. Photo-Cine-Optics 1c	⅜	⅝
Sachar Properties 10	¼	⅝
Saco Lowell Shops 2.50	33½	--
Sacol Inc cl A com 10c	5	7
Safeguard Corp 50c	1¼	1⅝
Safticraft Corp 10c	1⅛	1½
Safway Steel Prod 2	7¾	8½
Sagamore Mfg 10	a11	--
Sage International 1	5	5¾
St Clair Specialty Manufactur'g Co 50c	4⅞	5⅛
Saint Gobain "ADRS" Coupon shares	53	55
St John Del Rey Mining Co Ltd £1	5	5¾
St Johnsbury Trucking 1	14½	14⅞
St Lou Steel Casting 5c	6¾	7⅛
St Paul Ammonia Products Inc 2½c	2⅞	3⅛
Saladmaster Corp 50c	4¼	5
Salant & Salant cl A 5	30½	32
Salro Mfg Corp 10c	n1⅞	2⅜
Sampson-Miller Associated Cos 1	2¼	2¾
Sams (H W) & Co 1	31¼	32¼
San Fran & Oakland Helicopters Air 10c	11¼	12¼
San Jacinto Petrol 1	5⅞	6⅝
San Juan Racing Assn common 50c	1 13/16	2⅛
Voting trust ctfs	1⅞	2
Sanborn Map Co 5	4⅜	4⅞
Sanders Associates— Class A common 1	37	39⅝
Sandura Co common 5c	8¾	9¾
60c conv pfd 7½	8¼	9¼
Sanitary Paper Mills *	3⅛	3⅝
Santa Fe Drilling 1	21	22½
Sargent & Co 15	24	26
Sav-A-Stop Inc 10c	8½	9
Savannah Sug Ref 25c	36	37½
Savin Business Machines Corp 10c	10¼	11½
Sawhill Tubular Prod *	12½	13⅝
Saxton Products 1	1⅜	1¾
Scantlin Electronics *	14¼	15⅜
Scenic Oils Ltd *	¼	⅝
Schaevitz Engineering Class A common 10c	4	4½
Schenuit Rubber— Class A common *	6½	7
Scherer-Tumico Inc 2	1⅝	2⅛
Schield Bantam Co 5	5⅛	5⅞
Schjeldahl (G T) 1	9⅞	10¼
Schlitz (Joseph) Brewing 15	34¼	35
Schluderberg-Kurdle 2.50	25	27
Schmieg Industries 1	1 1/16	⅞
Schneider (Walter J)— Name charged to Barrington Industries		
Scholz Homes Inc 1	1¼	1½
School Pictures 2	9⅜	9⅞
Schultz Sav-O-Stores 1	4⅝	5¼
Science Research Associates Inc *	25¼	26
Science Resources 1c	1½	2
Scientific-Atlanta 50c	13½	14¼
Scientific Computrs 10c	3⅞	4⅛
Scientific-Industries 5c	1⅛	1½
Scope Inc 1	6	6½
Scot Lad Foods Inc 1	20	21¾
Scot's Discount Enterprises 10c	1c	5c
Scott Aviation Corp 1	8⅞	9¾
Scott & Fetzer 5	30	32⅛
Scott, Foresman & Co *	25½	27¼
Scott-Mattson Farms Inc 1	4½	5¼
Scott (O M) & Sons— Class A common 100	10⅞	11⅞
Scott & Williams 5	14	15⅜
Scripps-Howard Broadcasting Corp 1	21¼	21⅝

* Without par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New Stock. x Ex-dividend. y Ex-stock dividend.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

Stocks—	Par	Bid	Ask
Scripto Inc—			
Class A common	50c	7⅜	8
Scrivner-Stevens	10	10½	11
Scruggs-Vandervoort			
Barney com	1.25	10¾	11⅞
$4.50 pfd series A	*	94½	98½
Seabd Electronics	10c	2¾	3½
Seaboard Homes	10c	⅜	¾
Seaboard World			
Airlines "wts"		2⅞	3⅛
Seacrest Industries	1c	⅜	½
Sealed Air Corp	1	1⅝	2
Sealed Power Corp	10	29¾	30½
Sea Pak Corp	1	8⅝	9
Searle (G D) & Co	2	126	127
Seatrain Lines	4	4⅛	4¾
Sea View Indus	10c	½	⅞
Sea-Wide Indus	10c	⅝	⅞
Security-Columbian			
Banknote Co	2	6⅜	7
See's Candy Shops	*	12¼	13⅜
Seiberling Rubber			
5% preferred A	100	57	--
4½% prior pfd	100	59	--
Seismograph Service	1	18	19⅝
Sel-Rex Corp	1	12¾	13⅞
Selas Corp of Amer	1	8⅜	8¾
50c conv 2nd pfd	1	16½	--
Selmer (H & A) Inc	1	18	18½
Seminole Oil & Gas	5c	11c	15c
Seneca Falls Mach	1	1⅛	1½
Seneca Oil class A	50c	1.55	1.65
Service Photo			
Industries class A	1c	¼	½
Servonic Instrumts	*	8⅝	9⅝
Sessions Clock Co—			
Common class A	1	1½	1¾
Seven J Stock Farm	1	1	1⅜
721 Corporation	1	18	19½
Seven-Up Bottling Co			
(St Louis)	1	10½	11¼
Sexton (John) & Co	*	24	25½
Shakespeare Co	5	19½	20
Shaler Co	*	15½	17
Shatterproof Glass	50c	17⅛	18½
Shaw-Barton Inc	2.50	8½	9¼
Shell Oil Co of			
Canada class A	*	17¼	17⅝
Shell Transp & Tr—			
Ordinary registered		5⅞	6
Shelley Mfg Co	10c	5¼	6
Shenk Industries	10c	1¾	2⅛
Shepard Niles Crane			
& Hoist Corp	5	18½	20⅜
Sheperd Electronic			
Industries Inc	10c	⅜	¾
Sheraton Corp—			
$10 warrants		2½	2⅞
$25 warrants		1¾	2
Sherer Gillett com	1	2	--
Class A	*	36	--
Sherry-Netherlands			
Trust certificates		9	--
Shieldtron Inc	1	½	¾
Shin Mitsubishi			
Amer dep rcts		26	27½
Shinn Industries	10c	1⅛	1⅜
Shippers Warehouse	100	100	--
Shoni Uranium	1c	1c	--
Shop Rite Foods	5	27	28¾
Shore-Calnevar	*	1½	1⅞
Shulton Inc—			
Class A common	50c	47¼	50¼
Class B common	50c	47¼	50¼
Shwayder Bros	1	47	--
Siegel (Henry I)—			
Class A	1	26	26½
Siemens & Halske			
Amer deposits rcts		72½	73¼
Sierra Electric Corp	1	4¾	5¼
Sightmaster Corp	5c	8c	10c
Sigma Instruments	1	11½	12⅜
Signode Steel Strapping			
5% preferred	50	47½	--
Silo Discount			
Centers Inc	1	2⅝	3
Siltronics Inc	10c	6	6½
Silver Buckle Mining			
Co	10c	47c	53c
Simmonds Precision			
Products Inc	1	4¾	5¼
Simon (Wm) Brewery	1	½	¾
Simon Hardware	*	2⅞	3⅛
Simplex Lock Corp	1	6¼	7
Simplex Paper	1	10½	11
Simplex Wire & Cable	*	11	11⅞
Simplicity Mfg Co—			
Class A common	1	24¾	26⅜
Simulatics Corp	1c	1⅝	1⅞
Sioux City Stock			
Yards common	15	33½	34½
$1.50 partic pfd	15	33	35
Sioux Oil Co	5c	56c	60c
Sivyer Steel Castings	*	8	8¾
Sjostrom Automations			
Class A	10c	¾	1¼
Skiatron Electronics			
& Television	10c	1½	1¾
Skil Corporation	2	22	23⅜
Slater Electric Inc—			
Class A	20c	2½	2¾
Smilen Food Stores—			
Common	1	1⅛	1⅝
Units		3	4
Smith Industries			
International Inc	*	6⅛	6⅞
Smith's Transfer			
Corp of Staunton	2.50	12	12¾
Smucker (J M) Co	*	31½	33¼
Smyth Mfg Co	5	17	18½
Snap-on-Tools Corp	1	23¾	24½
Snia Viscosa "adrs"		8⅜	8⅝
Snyder Corp	1	5⅜	5⅞
Solite Products	1c	¾	1⅛
Solitron Devices	5c	7¼	7¾
Sommers Drug Stores	1	6¾	7¾
50c conv preferred	5	7	8⅜
Sonar Radio Corp	10c	3⅛	3⅝
Sonex Inc	25c	1	1½
Sonoco Products	5	37	37¾
Sonoma Quicksilver			
Mines Inc	10c	8c	15c
Sony Corporation			
Amer deposit shares		13¾	14
Sorg Paper Co com	5	13¼	14⅝
5½% preferred	100	84	--
Soroban Engineering—			
Class A common	1	5¾	6⅞
SoundScriber Corp	4	12½	12⅞
South Chester Tube		167	--
South Shore Oil &			
Development	10c	31½	35
Southbridge Plastic			
Products class A	1	6½	7
Southdown Inc	2.50	35½	37⅝
S'eastern Gen'l	10c	1⅛	1½
Southeastern Propane			
Gas Co	10c	13½	14½
Southern Airways	3	5½	5⅞
Southern Bakeries	7	4½	4⅞
Southern Calif Petrolm			
6% conv pfd	25	25	--
Southern Chemical			
Cotton Co		8	9
Southern Diversified			
Industries Inc	10c	¾	1
Southern Industries	*	14	15
Southern Nitrogen	10c	17	18⅜
Southern Pipe Line	1	5	5¼
Southern Spring Bed	*	16½	17½
Southern States Oil	1c	2⅝	3
Southern United	1	2	2¼
Southland Corp	*	73	--
Southland Paper Mills	*	135	--
Southland Racing	50c	3⅞	4⅛
Southland Texas		70	80
Southport Commerc'l	1	16¾	17⅞
Southwest Airmotive	1	3¾	4
Southwest Forest			
Industries	1	6⅞	7¼
Southwest Realty &			
Development Co	20c	1¼	1½
Southwestern Drug	1	16¾	17¾
$5 1st preferred	*	93	--
Sovereign Resources	4c	¾	⅞
Space Age Materials	10c	3⅝	3⅞
Space Components	10c	n5c	15c
Space Research and			
Developm't Corp	50c	¾	15/16
Space-Tone Electro	10c	1½	1⅞
Spaceonics Inc	*	¼	½
Spandex Corp	10c	1½	2
Spartan Aircraft	3	2⅝	3⅛
Spartan Mills	10	32½	--
Special Metals	2	10	11
Specialty Converters	1c	1⅝	1¾
Specialty Electronics			
Developm't (N Y)	4c	⅜	⅝
Spector Freight System			
Inc class A com	1	8⅞	9¾
Spectron class A	10c	--	¾
Speedee Mart Inc	*	4½	5¼
Speed-Way Food Sts	1c	½	¾
Spellman Engineerg	10c	⅞	1¼
Spencer Gifts Inc	25c	7	7¾
Spiegel Farms	1	1⅜	1⅝
Spiral Metal Co	10c	3⅛	3⅜
Spotless Co	1	10½	13
Sprague Electric	2½	64¾	65½
Sprague Engineering	1	4¾	5½
Spray-Built Inc			
Class A	10c	1/16	¼
Sprayfoil Corp	1	1/16	¼
Sta-Rite Products	2	22	23¾
Staff Business & Data			
Aids Inc	10c	5	5½
Stahl Meyer Inc	*	n4c	9c
Stainless Steel			
Products Inc	1	10½	11½
Staley (A E) Mfg Co—			
Common (admitted to			
NYSE listing 5/29)			
$3.75 preferred	*	84	--
Stancil-Hoffman Cp	*	⅜	¾
Standard & Poor's	1	24⅛	24⅝
Standard & Shell			
Homes Corp	25c	⅛	¼
Standard Aircraft			
Equipment Co	50c	3	3½
Standard Beryllium	1c	2⅜	2⅞
Standard Commercial			
Tobacco Co	1	4½	5½
Standard-Coosa-			
Thatcher Co	10	15¼	16
Standard Fruit & SS			
Common	2.50	14⅜	15⅜
$3 partic pref	*	79	83½
Standard Gilsonite	10c	20c	25c
Standard Industries	75c	2⅜	3
Stand Instru cl A	20c	1½	1¾
Stand Magnesium	10c	1	1⅛
Standard Milling—			
Class A n-v	1	3⅝	4⅛
Class B voting	1	3⅝	4⅛
Standard Motor Prod—			
Now listed ASE			
Standard Register	1	27½	29⅝
Standard Screw Co	20	33	35½
Standard-Thompson—			
5½% conv pfd	12.50	9¾	10½
Standard-Toch			
Industries	1c	⅛	¼
Stange (Wm J) Co	1	27	--
Stanley Home Prod—			
Common non-vot	5	41	44⅞
Stanley Industries	10c	1¼	1¾
Stanley Works	10	19⅜	20⅝
Star Market Co	1	19	19¾
Star Tank & Boat	1	9⅝	10⅛
Starrett Bros & Eken			
Inc	7.50	n26	--
State Exploration	1	10	11¼
State Industries	1	5c	15c
Statmaster Corp	10c	⅝	1
Steadman Industries			
Ltd	*	1¾	2⅛
Steak n Shake Inc			
(Delaware)	50c	6¼	7
Steel Co (Wales)—			
Amer dep rcts		3⅜	3⅝
Steel Crest Homes	*	5¼	6
Warrants		4½	6
Steel Improvement			
& Forge Co	1	4¼	4⅝
Steep Rock Iron Min	1	4¼	4¾
Stein Hall & Co—			
New 66⅔c par			
Split 3-for-2		t18¼	18¾
Sterling Electronics	50c	2¼	2⅝
Sterling Extruder	10c	2	2⅜
Sterling Oil of Okla	10c	1 1/16	1 3/16
Sterling Precision			
5% conv A pfd	5	5	--
5% conv C pfd	10	6½	7½
Sterling Seal Co	1	4½	5
Sterling Sugars	*	1.90	2.20
Sterling Television—			
Class A	25c	2⅛	2⅜
Stern & Stern Textiles	1	8	9
Sternco Industries—			
Class A	10c	11⅝	12⅛
Stetson (J B)			
8% preferred	25	34	--
Stevens Markets—			
Class A common	1	4¾	5½
5.90% conv pfd	25	16	17
Stewarts & Lloyds Ltd			
Amer dep rcts		4⅞	5½
Still-Man Mfg Corp—			
Class A	75c	8¼	8¾
Stinnes (Hugo) Corp	5	34½	37⅛
Stocker & Yale	*	3¼	3½
Stockton Whatley			
Davin & Co	4	10½	11¾
Stonega Coke & Coal	15	9¾	10¼
Stowe-Woodward Inc	5	9	10
Strategic Materials	1	2⅝	3
Stratford Corp	10c	1 1/16	1¼
Stratoflex Inc	2.50	15½	17
Strawb'ge & Clothier	5	24⅞	25⅜
$5 preferred	100	104	--
Straza Industries	1	5¾	6½
Strolee of Calif	*	4¼	5
Strouse Inc	5c	3	3⅝
Struthers Scientific &			
Internat'l cl A	10c	2¾	3⅛
Struthers Wells—			
$1.25 preferred	*	11½	13½
Stubnitz Greene Corp	1	6¼	6⅞
Studebaker Corp—			
$5 conv pfd	100	205	215
Sullivan County			
Harness Rac cl A	1	2¼	2⅜
Class B	1	45c	50c
Sulray Inc	10c	1⅝	2⅛
Summers (John) &			
Sons Ltd "Adrs"		3⅞	4¼
Summit Industries	1	4½	5½
Sun Drug Co	1	2⅛	2⅝
Sunbury Milk Prods	5	42	45
Sunset Color Labs	1c	¼	½
Sunset House			
Distributing Corp	1	14½	15
Sunshine Consol	25c	40c	48c
Sunshine Park Racing			
Assn	5c	1⅝	1⅞
Super Food Serv Inc	1c	5¾	6⅛
Super Market			
Distributors Inc	1	2½	2¾
Super Mold Corp	5	21½	24⅛
Super Valu Stores	1⅔	27½	28
Superior Cable Corp	1	6¾	7½
Superior Electric	1	12½	13⅞
Superior Industries	10c	1 7/16	1⅝
Superior Manufac'g &			
Instrument Corp	50c	3½	4⅛
Superpak Vending	*	8⅞	9¼
Susan Crane			
Packaging Inc	*	6¼	6⅞
Sutter Basin Corp	*	1.00	--
Suval Industries	50c	2	2¼
Swan Finch Oil	5	⅜	½
Swank Inc	1	20⅜	20⅞
Swedish Ball Bearing—			
Class B	4	x83	83¾
Swift Homes Inc	*	2⅝	3⅛
Swimming Pool Devel	1	1	1⅜
Swiss Chalet common	*	4	4½
70c 1st preferred	9	9¼	9¾
Syracuse Supply	8	11¼	12
Systems Inc	2	2	2⅜
Systron-Donner Corp	*	9¼	10⅛
Szabo Food Service	1	5⅞	6¼
5% conv pfd	10	9½	10
T-Bowl Internat'l	50c	⅛	¼
T. I. M. E. Freight	2	23½	25⅝
Taddeo Construction			
& Leasing Corp	10c	1⅛	1 5/16
Taffet Electronics	10c	1⅛	1⅜
Talley Industries	1	6⅜	7⅛
Tally Corp	1	17	18
Warrants		22c	25c
Tamar Electronics			
Industries Inc	25c	7⅛	7½
Tampax Inc	1	68¼	71¾
Tang Industries	10c	⅛	½
Tanganyika Concess'ns			
Amer deposit rcts		1⅞	2¼
Tappan Company	5	31½	33¾
Tassette Inc cl A	10c	2⅞	3¼
Tasty Baking Co—			
Class A common	50c	17	17½
Taylor-Colquitt Co	5	15	16½
Taylor Corporation	3	4	4¾
Taylor Devices	25c	3⅜	4⅛
Taylor Instrument	5	35½	36½
Taylor International	5	⅛	¼
Taylor Publishing	1	10¼	11⅛
Taylor Wine Co	2	18	18½
Tech-Aerof'm Prod	10c	2⅝	2⅞
Tech Laboratories	10c	1¾	2½
Tech-Ohm Electronic	10c	¾	1
Techbuilt Homes	10c	½	¾
Techmation Corp	1c	1¼	1⅝
Techni Electronics	10c	⅜	¾
Technical Animations—			
Class A	10c	1⅜	1¾
Class B	10c	1⅜	1¾
Technical Information			
Systems & Service	1	⅜	⅞
Technical Measure't	20c	5½	6⅜
Technicolor Ltd	5s	2¼	2½
Technifoam Corp	10c	½	¾
Technograph Printed			
Electronics	40c	2¼	3
Techno-Vending cl A	1c	⅛	1/16
Teco Inc (Ill)	10	130	140
Tecumseh Products	1	68	70
Tejon Ranch (Calif)	1	27	28⅛
Tekoil Corp	1	1¼	1¾
Tele-Film Electronics			
Engineering Corp	10c	¼	½
Telecomputing Corp	1	2	2¼
Telecredit Inc	1c	3⅜	3¾
Teledyne Inc	1	29	31⅞
Teleflex Ltd	*	15½	16¼
Telefones De Mexico			
Bearer "adrs"		7⅛	7¾
Telescript-CSP	1c	n¼	⅝
Teletray Electronics			
Systems Inc	15c	⅛	⅜
Telex Inc	1	7	7⅝
Temperature			
Engineering Corp	25c	1⅜	1¾
Templet Industries	25c	1¾	2¼
Tenax Inc	10c	4c	9c
Tenney Corp class A	1	1⅞	2¼
Tensor Electric			
Development Co	10c	2⅜	2⅞
Terminal Transport	*	8⅜	9⅛
Terre Haute Malleable			
and Mfg Co	5	5½	6
Terryphone Corp	5c	2⅝	2⅞
Terry Shops Inc	50c	½	--
Terry Steam Turbine	5	36	37½
Tesco Stores "adrs"		1¼	1½
Tex-Star Oil & Gas			
Corp	50c	21⅛	22½
Tex-Tube Inc com	1	x4¾	5½
6% conv pfd	10	9	--
Texaco Canada Ltd	*	47⅛	48
Texam Oil Corp new	1	1¾	2⅛
Texas Amer Oil	10c	5¼	5¾
Texas Butadiene &			
Chemical Corp			
Stamped		3½	4
Texas Industries	1	16	16¾
Texas Instrument—			
4% pfd series 1959	25	24	--
Texas International			
Sulphur Co	10c	3c	--
Texas Natl Petroleum	1	3⅝	4⅛
Texas Research &			
Electronics Corp			
Name changed to			
United Brass Corp			
Texas Tenn Industries			
Class A common	20c	6½	6⅞
Units		65	70
Texize Chemicals	1	5	5¼
Texo Oil Corp	1c	11c	13c
Texota Oil Co	1c	1¼	1½

* Without par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend. y Ex-stock dividend.

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INDUSTRIAL AND MISCELLANEOUS STOCKS

QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

Stocks—	Par	Bid	Ask
Textiles Inc	1	16	17
Thalhimer Bros com	5	13⅛	13⅝
3.65% preferred	100	77	--
Therm-Air Mfg Co	10c	2½	2⅞
Thermal & Electronic Industries Inc	10c	3/16	⅜
Thermal Power Co	1	4½	5½
Thermal Research & Engineering Corp	1	1⅞	2⅜
Therm-O-Disc Inc	1	26½	28½
ThermoPlastics Corp	1	2¾	2⅞
Thermogas Co	2	13	13⅜
Thomas Industries	1	19⅝	20
Thomaston Cot Mills	10	28	--
Thomasville Furniture Industries Inc	5	15¾	17
Thompson (H I) Fiber Glass Co	*	8⅛	9
Thrift Courts of America	50c	⅛	⅜
Thrift Drug of Pa	1	13½	14½
Thrifty Drug Stores	*	37	39⅛
Thriftway Foods	2	11½	12⅝
Thurow Electronics— Class A com	2.50	2¼	2½
Thyssen (August) Huette "adrs"		23½	24¼
Tidewater Lumber	10c	1¾	2¼
Tidewater Marine Service Inc	1	9½	10½
Tiffany & Co	*	27½	29
Tillie Lewis Foods— See "Lewis" Tillie			
Time Inc	1	87½	88
Timely Clothes	10	13¾	15¾
Times-Mirror Co	*	35¾	38
Tinsley Labs Inc	16⅔c	1⅞	2⅛
Tintic Stand Mining	1	1⅞	2⅛
Tip Top Products Class A common	1	7⅞	8½
Tobin Packing Co	3	25½	27½
Tokheim Corp	5	29	31⅜
Tokyo Shibaura Electric Co Ltd Amer Deposit rcts		15⅛	15½
Toledo Scale Corp	1	26	28
Tonka Toys Inc	1	33½	34¼
Tool Research and Engineering Corp	1	2⅞	3⅜
Topsy's Intern cl A	10c	4½	5
Torch Rubber	10c	1	1⅜
Toreador Royalty	62½c	1⅛	1⅜
Tor Education	10c	½	1
Toro Mfg Corp	1	37½	39½
Torque Controls	1c	¾	1
Tower Communicat'n	*	3½	3⅞
Towle Mfg Co	*	58	60
Towmotor Corp	1	26	26¾
Town Enterprises	50c	⅝	⅞
Towne Mines com	20c	2¾	--
$1.75 prior pfd	5	13½	--
Trade Winds Co	1	3⅝	4
Traid Corp (Calif)	1	4¾	5¼
Trak Electronics	1	5¾	6
Trans Air Systems	10c	2¾	3½
Trans-Aire Electro	10c	½	¾
Trans-Sonics Inc	1	2	2½
Trans-United Industries Inc	1	⅛	¾
Transcon Lines	2.50	26½	28¼
Trans-Mountain Oil Pipe Line Co	*	13½	13⅞
Transcontinent TV— Class B	2.50	18⅜	19⅝
Transcontinental Bus System Inc	1	30⅜	32¼
Transcontinent'l Oil	25c	22c	27c
Transdyne Corp	1c	1	1¼
Transistor Applications	*	n⅛	¼
Transistor Electron	20c	7⅝	8
Transistor Special	10c	4⅝	5⅜
Transition Systems	1	n⅞	1¼
Transnation Realty	10c	⅜	⅝
Transogram Co Inc	1	4⅞	5½
Transport Motor Express Inc	1	9¾	10⅛
Transportation Corp of America— 2nd series class A purchase warrants		1⅝	2
Travelodge Corp	25c	5½	5⅞
Treesdale Lab & Tex'le Processing	50c	7⅛	8
Trenton Foods	50c	21½	22½
Tresco Inc	10c	½	¾
Tri-Metal Works	6½c	¼	½
40c conv pfd	1	1	1¾
Tri-Point Indus	10c	1¾	2⅛
Triangle Busi Mach	1	n1/16	3/16
Triangle Instrument	1c	3/16	⅜
Trico Products	*	68	72½
Trinidad Petroleum Develop Ltd ord	£1	4¼	4⅝
Trinity Steel	1	7½	8⅜
Trion Inc	50c	2¾	3½
Trio-Tech, Inc	10c	--	1⅜
Triumph Storecrafters	1	2⅝	3
Tropical Gas Co	1c	19	21
Trout Mining Co	1	⅜	½
True Taste Corp	1	1⅛	1⅜
Trunz Inc	*	28½	--
Trygon Electronics	25c	4	4½
Tube Investments— Amer dep rcpts		7½	8
Tuboscope Co	2	16½	17½
Tucker Corporation— Class A com	1	3c	7c
"21" Brands Inc	1	5⅛	5⅝
Twin Disc Clutch	*	23½	25½
Tyson Metal Products Inc	1	3½	4¼
Uarco Inc	2.50	26⅛	27⅞
Ultra Dynamics	10c	¾	1⅛
Ultra Electric Holdings "ADRS"		1¾	2
Ultra Plastics cl A	5c	3/16	⅜
Ultra-Sonic Precis'n	10c	3/16	--
Ultramar Ltd— Ordinary regis		3.15	3.35
Amer deposit rcts		6¼	6¾
Ultrasonic Indus	10c	--	1⅞
Underwater Storage	1	3½	4½
Uneeda Vending Service Inc	1c	25⅛	25⅜
Unilever Ltd— Amer dep rcts		6	6½
Union Carbide Australia Ltd	£A1	29	31
Union Elect Steel	2.50	17	--
Union Mfg Co	25	22	23
Union Miniere du Haut Katango	*	8⅝	9
Union Rock & Materials Corp	*	2¼	2¾
Union Spring & Manufacturing Co	50c	7¾	8½
Unishops Inc	10c	15½	16¼
United Air Lines 1966 wts		15½	16¼
1968 wts		8¼	9½
United Artists Theatre Circuit	1	1/16	1/8
United Australian Oil, Inc	56c	1⅞	2⅛
United Bowling Centers Inc	1	½	⅞
United-Buckington Freight Lines A	1	6⅝	7⅜
United Components	10c	¼	½
United Control Corp	1	6⅜	7⅛
United Cuban Oil	16c	2½c	4½c
United Discount	1	⅛	⅜
United Electro-Dynamics Inc	1	4½	5⅛
United Exposition Service Co	10c	6¾	7½
United Industrial Corp common	1	6⅞	7¼
Warrants		85c	95c
Conv pfd ser A	8½	6¾	7⅛
United Mfg & Eng	1	n1⅛	1⅝
United Nuclear Corp	1	14⅞	15⅛
United Piece Dye Works com	10c	4½	4¾
$4.25 preferred	75	73	76
United Research	2	4¾	5½
United Scientific Laboratories, Inc	1c	¾	⅞
United Screw & Bolt Class A	*	30	--
Class B	*	24	26
United Servomation	1	19⅛	20½
United Sheet Metal	*	3	3⅜
United Star Co's— Class A	2	8c	14c
U S Bowling Corp	25c	¼	⅝
U S Brass Corp	10c	1⅝	1⅞
U S Crown Corp	10c	7½	8
U S Dielectric	10c	2¾	3½
U S Envelope com	10	14	15⅜
7% preferred	10	12¾	14⅛
U S Finance Corp	1	9¾	10¼
Warrants		4¾	5¾
U S Homes & Dev— Class A	10c	1¼	1½
U S Leasing Corp	1	8¾	9½
U S Lumber Co	1	3½	3¾
U S Magnet & Alloy	10c	1¾	2¼
U S Markets	25c	2⅛	2½
U S Photo Supply	10c	5c	10c
U S Plastic and Chemical (Del)	10c	4⅛	4⅝
U S Plastics Inc (Florida)	10c	2⅜	2¾
U S Polymeric Chemicals Inc	50c	15½	16½
U S Radium Corp	2	6¼	7¼
U S Servateria Corp	1	7½	8⅝
U S Sonics Corp	*	3½	4
U S Sugar Corp	1	46	50
U S Truck Lines of Delaware	1	19¾	21¼
United Steel (England) American dep rcts		3¼	3⅝
United Technical Industries	1	⅜	½
United Whelan Corp 3½% conv pfd	100	70	--
Universal Data Processing Corp	*	2¼	2¾
Universal Drilling Class A com	1	1½	1⅞
Universal Electronics Laboratories	10c	3/16	5/16
Universal Foods Corp	1	17¾	18½
Universal Foods Prods Inc	1c	⅝	¾
Universal Lighting Products Inc	1c	1½	1⅞
Universal Marion— 4½% preferred	100	56	--
Universal Moulded Fibre Glass	10c	3	3¼
Universal Pictures	1	61	63
4¼% preferred	100	92	--
Universal Publishing & Distributg com	50c	5¼	5½
6% conv pfd	10	9½	10
Units		14½	15½
Universal Surgical Supply Inc	1	2	2½
Universal Water-proofing	10c	1	1½
Univis Inc	50c	18	19
Upson Co	10	16½	17½
Urethane Corp of Cal— Common	5c	2¾	3¼
Class A	5	2⅞	3⅜
Uris Buildings Corp Warrants		12	12½
Utah Concrete Pipe Co	1	6½	6⅞
Utah Const & Mining	2	23½	24½
VSI Corporation	4	24¼	24¾
Vacu-Dry Co	10c	1⅞	2¼
Vacuum Concrete Corp of Amer	*	2½	2⅞
Vacuum Electronics	1	12¾	13½
Vahlsing Inc	10c	2½	3
Valley Forge Products class A	25c	4⅜	4¾
Valley Gas Prod Inc	1	13¾	14¼
Valley Metallurgical Processing Co	*	12	12¾
Valley Mould & Iron— Common	5	27⅜	27⅞
$5.50 prior pfd	*	94	--
Valtronic Corp	10c	1⅛	1½
Vamco Corp	10c	⅜	¾
Van Camp Sea Food	1	18⅛	19⅜
Van Dusen Aircraft Supplies Inc	5	4	4½
Vangard Air & Marine Corp	50c	--	¼
Vangas Inc	2.50	11¼	12⅝
Van Sciver (J B) 5% class A	100	75	--
Van Waters & Rogers	1	43	46⅜
Vanity Fair Mills	5	72½	76½
Vapor Corp	1	32	33
Varifab Inc	10c	⅜	¾
Varo, Inc	*	9	9½
Vassar Corp	10c	1¼	1⅝
Vector Mfg Co	*	5⅛	5¾
Veeder Root Inc	12½	48¼	51
Vendaversal Mfg	50c	2c	8c
Venus Drug Distribrs.	1	n3	3⅜
Vermillion Bay Land	1	16½	17½
Vernitron Corp	10c	5¾	6¼
Vernors Ginger Ale	*	7¾	8¼
Versapak Film & Pack Machinery	5c	1	1¼
Warrants		⅛	⅜
Units		1⅛	1½
Vibration Mountings and Controls	10c	1⅛	1⅜
Viclad Industries	25c	10c	15c
Victor Products	1	2⅜	2⅝
Victoria Investment	1	14½	17½
Victory Markets cl A	2	16	--
Class B	2	15½	--
Viking Freight— Class A com	1	5½	6
Viking Pump Co	5	27½	29
Vinco Corporation	1	5/16	7/16
Virginia Chemicals & Smelting Co	*	11½	13⅛
Va Coal & Iron	100	x175	185
Virginia Skyline com	1	10	--
$6 preferred	100	85	--
Visual Art Industries	1c	1½	1⅞
Visual Dynamics	5c	--	¼
Vitamix Pharmaceuticals Inc	1	9	10
Vitramon Inc	10c	6¼	7⅛
Vitro Corp of Am	50c	8⅞	9⅛
Vocaline Co of Am	1.50	1½	1¾
Vogue Instrument	1c	⅛	5/16
Voight (Albert) Ind	10c	n5	5½
Vol-Air Inc	1c	n1	1⅜
Volkswagenwerk (AG) Amer deposit rcts		81½	82½
Volt Technical Corp— Class A	50c	3⅛	3½
Voss Oil cl A com	*	3/16	5/16
Class B com	*	½c	2c
Vulcan Corp Common	50c	4¼	5¼
$3 prior pfd	*	74	--
$4.50 preferred	*	62	--
Vulcan Mould & Iron	1	7⅛	7⅝
Wabash Magnetics	50c	2¼	2⅝
Waco Aircraft	*	a1⅜	--
Wainwright Stores	10c	½	⅝
Wakefield Corp Common	1	6¼	6⅝
5% preferred	25	22¾	--
Wakefield Engineer'g	*	⅝	⅞
Waldbaum Inc	1	13⅝	14¾
Waldorf Auto Leasing	10c	2½	3½
Wallace Press Inc	10	19⅛	19½
Wallace (Wm) Corp		9½	10
Wallson Associates	10c	n5c	15c
Walnut Grove Products class A	2	15	16¼
Warrants		9	9¾
Walston Aviation	1	5½	6
Walter (Jim) Corp— Common	16⅔c	19¼	20½
Walter Reade-Sterling	25c	2¼	2½
Waltham Watch Co	2.50	4¾	5½
Ward Industries— $1.25 preferred	25	10¼	11¼
Wards Co Inc	1	4	4½
Warlick Press Inc	25c	2⅝	3
Warner Electric Brake & Clutch Co	1	24	--
Warner & Swasey	1	59¼	62⅛
Warren Brothers	10	24⅛	25¾
Warren (S D) Co— $4.50 pfd	*	94	--
Warshow (H) & Sons Class A	1	10¾	12
Washburn Wire	12.50	29	31¾
Washington Engineering Serv Co	*	7/16	9/16
Washington Mills	25	20	--
Washington Steel Corp Common	1	19	19½
4.80% conv pfd	50	44	48
Washington Trotting Assn	1	11¼	12⅛
Waste King common	1	5¾	6½
6% C conv pfd	17½	13	14⅝
Waterman (L E) Pen	*	3/16	5/16
Waters Mfg Co	1	1⅞	2¼
Water Treatment	10c	2¾	3
Watsco Inc	1	2⅞	3¼
Watson-Wilson Transportation System class A	1	4	4½
Watson Electronics & Engineering	10c	n1	1⅜
Waverly Oil Works	1	10	--
Wayne-George Corp	*	3¼	4
Wayne Mfg Co	1	17½	19⅛
Weatherford (R V)	*	2¾	3½
Webb (Del E) Corp	*	11¼	11⅝
Warrants		7	7⅜
Webb Resources	10c	1 1/16	1⅝
Webster Publishing	50c	a11¼	--
Weinkles Liquor Stores Inc	25c	1⅛	1½
Weinschel Eng'nering	1	3⅝	4
Weiss Bros Stores Class A	1	9⅜	9¾
Weissberg (H R) Corp Class A	1	9¾	10⅝
Wej-it Expansion Products Inc	10c	1/16	--
Welded Tube Co of America class A	1	4¾	5½
Weldotron Corp	5c	4	4⅜
Wellco Ro-Search Industries Inc	1	3	3¼
Wellington Electronics	75c	7	7¾
Wells Gardner Elecs	1	28	29
Wells Industries	50c	n30c	45c
Welsbach Corp	2.50	16¾	17¼
Welsh Panel Co	25c	5⅞	6¼
Werner Trans'tion	1	10⅞	11¾
Wespak Inc	10c	1⅛	1½
West Coast Airlines	1	10¾	11½
West Driefontein Gold Mining Co Ltd "adrs"		11½	12
West Point Mfg	5	21⅞	23⅜
West Va Production Co 10c preferred	1	30c	50c
Westbrook Thompson Hold'g Corp	.07264	3⅜	3⅝
Western Electric Co	*	275	290
Western Holdings Ltd Amer deposit rcts		22½	23
Western Natural Gas	1	13⅜	13¾
5% conv preferred "1952 series"	30	30½	32
5% conv preferred "1955 series"	30	34	36
Western Oil Fields	1¼	1/16	1/16
Western Publishing	1	23	24⅝
Western Tablet & Stationery 5% Preferred	100	100	--
Western Tool & Stamping	2	19⅜	19⅞
Westgate Calif Corp— Class A	5	13¼	14¼
5% preferred	70	56	58
6% preferred	10	9⅝	--
Westmoreland Coal	20	36	38
Westron Corp	1	15¼	--
Wetterau Foods Inc	1	20½	22½
Weyerhaeuser Co	7½	33⅛	35

* Without par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend. v Ex-stock dividend.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

Stocks—	Par	Bid	Ask
Wham-O-Mfg Co	50c	3⅛	3¾
Wheaton Industries	10c	⅞	1⅜
Whitaker Cable Corp	1	20	21
White Shield Corp	10c	¼	½
Whitehall Cement Manufacturing Co	10	16	18
Whitehall Electrncs	10c	1	1¼
Whitin Machine Works	12.50	18	19⅜
Whiting Corp	5	12¾	13⅞
Wiatt (Norman) Co	1	4⅛	4¾
Wichita Union St'kyards com	100	52	--
4% preferred	100	62	--
Wiegand (Edwin L)	5	22¼	24⅛
Wilbur Chocolate	*	21	22½
Wilcox Electric	3	5	5⅝
Wilcox-Gay Majestic Electronics Corp	4	¾	1
Wiley (John) & Sons	1	16¾	17½
Will & Baumer Candle	*	16½	18½
Willcox & Gibbs Sewing Machine	1	10⅜	10⅞
Williams (R C) & Co 5½% preferred	25	10	12
Williams & Co (Pa)	2½	32	33½
Willner's Liquors	10c	1	--
Will Ross Inc	1.25	25	25¾
Win-Chek Industries Class A	10c	3⅛	3⅝
Winchell Donut House, Inc	*	9	10
Wings & Wheels Express Inc	1c	2½	2⅞
Winkelman Bros Apparel Inc cl A	3	10¾	11¼
Winston-Muss Corp	*	3⅜	3¾
Wolf (The) Corp cl A	1	2¾	3½
Wolf (Howard B) Inc	1	9⅛	10
Wollard Aircraft Service Equip	10c	1⅛	1⅜
Wolverine Brass	10	21	22½
Wolverine Shoe & Tanning Co	2.50	29¾	30¾
Wometco Enterprises— Class A common	1	25	26¾
Wood Conversion	5	9	10¼
Wood-Mosaic Corp	1	4⅜	5⅛
Woodland El'tronics	10c	4c	8c
Woodman Co	10c	¾	1⅛
Woodward Governor	1	80	--
Work & Wear Corp	1	17	17½
World Color Press	1	17	17¼
Worldmark Press	10c	⅜	¾
World Toy House	33⅓c	2⅛	2⅝
World Wide Helicopters Ltd Am dep rcts	£1	⅞	1⅛
Wrather Corp	*	5½	6⅛
Wurlitzer Co	10	17¾	19⅛
Wyandotte Chemicals	1	58½	62⅞
Wyatt Industries	20	25	27¼
Wyckoff Steel Co	10	17½	18½
Wyle Laboratories	*	6¾	7¼
Wyman-Gordon	*	78	82
X-Ray Monitoring	10c	⅛	¼
Xtra Inc	1	23¼	25⅜
Yankee Plastics	1c	⅞	1⅛
Yardley & Co Ltd Ordinary A Regis		5⅞	6¼
Yard-Man Inc	2	4	4⅜
Yardney Electric	25c	4⅞	5⅛
Yellow Cab Co of Philadelphia	3	12	13½
Yellow Transit Freight Lines Inc	1	15⅞	17
York Hoover Corp	10	9	10½
York Research cl A	1	3½	4¼
Yorktown Products	1c	1/16	3/16
Youngstown Research & Development Co	1	14	15
Youngwood Electronic Metals Inc	*	1⅝	2
Younker Bros	*	40	41
Youthcraft Creations— Class A common	1	5⅝	6⅛
Yuba Consol Indus	1	⅞	1 1/16
Zayre Corporation	1	7¾	8½
Zeigler Coal & Coke	10	22	24⅛
Zenith Laboratories	10c	2	2⅜
Zep Aero	1	3¼	3¾
Zero Mfg Co	1	4½	5⅛
Zion's Co-Operative Mercantile Inst	50	55	60
Zonolite Co	1	a12	13⅛
Zurn Industries	1	6	6⅞

*Without par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend. y Ex-stock dividend.

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United States and Municipal Bonds

The custom in reporting prices for State and municipal securities is to quote them on the basis of the return the bonds yield per annum. Therefore, in furnishing the prices below, it will be found that for the single maturity bond a bid and asked quotation is published—either actual figures or on a percentage basis. In furnishing prices for the serial bonds, however, we endeavor to obtain the bid yield basis for the varying maturities. For instance, if a certain bond in our list matures from 1963 to 1980 and is quoted 0.90 to 2.95%—this would indicate that earliest maturity yields 0.90% and the later maturity is yielding 2.95%

Therefore, in the following list, it must be remembered the word "to" indicates that the figures shown are the bid yield basis for various maturities; all other figures are bid and asked prices.

QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

Bonds—	Bid	Ask	
UNITED STATES	Values shown below		
Treasury bonds—	All Quoted in 32nds		
4¼s May 15 1985-1975	102.14	102.22	—
4¼s Aug 15 1992-1987	102.18	102.26	—
4⅛s May 15 1989-1994	100.14	100.18	—
4s Feb 15 1969	100.29	101.1	—
4s Oct 1 1969	100.31	101.3	—
4s Aug 15 1971	100.19	100.23	—
4s Feb 15 1972	100.14	100.18	—
4s Aug 15 1972	100.14	100.18	—
4s Feb 15 1980	99.21	99.25	—
4s Feb 15 1988-1993	99.8	99.16	—
3⅞s May 15 1968	101.16	101.20	—
3⅞s Nov 15 1971	99.14	99.18	—
3⅞s Nov 15 1974	98.27	98.31	—
3¾s Aug 15 1968	99.24	99.28	—
3¾s May 15 1966	100.14	100.16	—
3⅝s Nov 15 1967	99.24	99.26	—
3½s Nov 15 1980	93.16	93.24	—
3½s Feb 15 1990	91.18	91.26	—
3½s Nov 15 1998	91.18	91.26	—
3⅜s Nov 15 1966	99.15	99.17	—
3¼s June 15 1978-1983	90.10	90.18	—
3¼s May 15 1985	90.8	90.16	—
3s Feb 15 1964	99.30	99.31	—
3s Aug 15 1966	98.18	98.20	—
3s Feb 15 1995	87.10	87.18	—
2⅝s Feb 15 1965	98.31	99.1	—
2½s June 15 1962-1967	96.6	96.10	—
2½s Aug 15 1963	99.29	99.31	—
2½s Dec 15 1963-1968	94.4	94.10	—
2½s June 15 1964-1969	93.8	93.14	—
2½s Dec 15 1964-1969	92.18	92.24	—
2½s Mar 15 1965-1970	92.6	92.12	—
2½s Mar 15 1966-1971	91.12	91.18	—
2½s June 15 1967-1972	89.22	89.28	—
2½s Sept 15 1967-1972	89.6	89.12	—
2½s Dec 15 1967-1972	89.4	89.10	—
Treas Ctfs of Indebtedness—			
3½s Aug 15 1963	100.4	100.6	—
3⅛s Nov 15 1963	100.3	100.5	—
3¼s Feb 15 1964	100.3	100.5	—
3¼s May 15 1964	100.2	100.4	—
Treasury Notes—			
1½s Oct 1 1963	99.16	99.18	—
4⅞s Nov 15 1963	100.27	100.29	—
1½s Apr 1 1964	99	99.2	—
4¾s May 15 1964	101.14	101.16	—
3¾s May 15 1964	100.16	100.18	—
5s Aug 15 1964	102.1	102.3	—
3¾s Aug 15 1964	100.19	100.21	—
1½s Oct 1 1964	98.12	98.14	—
4⅞s Nov 15 1964	102.8	102.10	—
1½s Apr 1 1965	97.16	97.20	—
4⅝s May 15 1965	102.14	102.16	—
1½s Oct 1 1965	96.22	96.26	—
3½s Nov 15 1965	100.2	100.4	—
3⅝s Feb 15 1966	100.3	100.5	—
1½s Apr 1 1966	95.24	95.28	—
4s Aug 15 1966	101.4	101.6	—
1½s Oct 1 1966	94.24	94.28	—
3⅝s Feb 15 1967	99.23	99.25	—
1½s April 1 1967	93.26	93.30	—
3¾s Aug 15 1967	100.2	100.4	—
1½s Oct 1 1967	92.26	92.30	—
1½s Apr 1 1968	92.2	92.6	—
Banks for Cooperatives— Coll Trust debs—			
3.15s Aug 1 1963	99.30	100	—
3.15s Oct 1 1963	99.30	100	—
3.20s Dec 2 1963	99.30	100	—
Federal Home Loan Banks—			
3¼s July 16 1963	100	100.1	—
3.30s Aug 15 1963	100	100.1	—
3.30s Sept 16 1963	99.31	100.1	—
3.20s Jan 15 1964	99.30	100	—
3¼s Feb 17 1964	99.30	100	—
3.30s April 15 1964	99.30	100	—
3¾s Sept 15 1965	100.8	100.12	—
Federal Land Bank Bonds—			
3⅝s Aug 20 1963	100.2	100.4	—
3¼s Oct 22 1963	100	100.2	—
4½s Apr 20 1964	100.24	100.30	—
4s Oct 20 1964	100.24	100.30	—
4s Oct 20 1965	100.24	101	—
4s Dec 20 1965	100.24	101	—
3⅝s Feb 21 1966	99.22	100.2	—
3¼s May 2 1966	98.22	99.2	—
4¼s July 20 1966	101.20	102	—
4s May 22 1967	100.20	101.4	—
4¼s Mar 20 1968	101.8	102.8	—
4s Jun 20 1968	100.12	100.16	—
4⅜s Mar 20 1969	102.8	103.8	—
4⅝s July 15 1969	103.8	104.8	—
5⅛s Feb 20 1970	106	107	—
3½s Apr 1 1970	96.20	97.20	—
5⅛s July 20 1970	106.8	107.8	—
4½s Oct 1 1970 opt '67	102	103	—
3½s May 1 1971	96	97	—
4⅛s Feb 15 1972-1967	100.8	101.8	—
3⅞s Sep 15 1972	98.16	99.16	—
4½s Feb 20 1974	103.8	104.8	—
4⅛s Feb 20 1978-1973	100	100.12	—

Bonds—	Bid	Ask	Net
Federal Natl Mtge Asso—	Quoted in 32nds		
4⅛s Nov 12 1963	100.15	100.17	—
3⅝s May 11 1964	100.12	100.16	—
4s Sept 10 1961	100.24	100.28	—
3⅞s Dec 11 1964	100.22	100.26	—
4⅜s Jun 10 1965	101.24	102	—
3¾s Mar 10 1966	100.8	100.12	—
4⅛s Dec 12 1966	101.16	101.24	—
3⅝s Mar 11 1968	99.10	99.18	—
4⅜s Apr 10 1969	102	102.24	—
4⅝s Apr 10 1970	103.8	104.8	—
4⅛s Sep 10 1970	100.12	101.12	—
4⅛s Aug 10 1971	100.12	101.12	—
4½s Sept 10 1971	102.24	103.24	—
5⅛s Feb 10 1972	107.16	108.16	—
4⅜s Jun 12 1972	102.8	103.8	—
4¼s Jun 12 1973	101.12	102.12	—
4½s Feb 10 1977	103.16	104.16	—
Federal Intermediate Credit Bank Debs—			
3.20s July 1 1963	99.31	100.1	—
3.10s Aug 1 1963	99.30	100	—
3.15s Sept 3 1963	99.30	100	—
3.15s Oct 1 1963	99.30	100	—
3.15s Nov 4 1963	99.30	100	—
3.15s Dec 2 1963	99.30	100	—
3.20s Jan 2 1964	99.30	100	—
3.25s Feb 3 1964	99.30	100	—
3.30s March 2 1964	99.30	100	—
International Bank for Reconstruction & Devel—			
5s Feb 15 1985	107.8	108	—
4¾s Nov 1 1980	104.8	105.8	—
4½s Dec 1 1973	102.8	103.8	—
4½s Jan 1 1977	102.8	103.8	—
4½s Feb 1 1982	102.8	108	—
4¼s May 1 1978	99.24	100.16	—
4¼s Jan 15 1979	99.24	100.16	—
4s Sept 15 1963	100.4	100.16	—
3¾s Oct 1 1964	100.4	100.16	—
3¾s May 15 1968	99.8	99.24	—
3½s Jan 1 1969	97.8	98	—
3½s Oct 15 1971	96	97	—
3⅜s May 15 1975	93.16	94.16	—
3¼s Oct 1 1981	89	89.24	—
3s July 15 1972	92	92.24	—
3s Mar 1 1976	90	91	—
Inter-American Development Bank 4¼s Dec 15 1982	100	100½	—
	Quoted in Dollars and cents Not in 32nds		
United States Treasury Bills			
June 6 1963	99.975	99.978	—
June 13 1963	99.919	99.925	—
June 20 1963	99.865	99.868	—
June 24 1963	99.833	99.837	—
June 27 1963	99.813	99.819	—
July 5 1963	99.740	99.745	—
July 11 1963	99.690	99.696	—
July 15 1963	99.656	99.662	—
July 18 1963	99.630	99.636	—
July 25 1963	99.572	99.580	—
Aug 1 1963	99.512	99.518	—
Aug 8 1963	99.454	99.461	—
Aug 15 1963	99.396	99.404	—
Aug 22 1963	99.336	99.342	—
Aug 29 1963	99.275	99.282	—
Sept 5 1963	99.219	99.232	—
Sept 12 1963	99.161	99.175	—
Sept 19 1963	99.100	99.115	—
Sept 26 1963	99.042	99.058	—
Oct 3 1963	98.977	98.994	—
Oct 10 1963	98.914	98.932	—
Oct 15 1963	98.872	98.891	—
Oct 17 1963	98.852	98.870	—
Oct 24 1963	98.792	98.808	—
Oct 31 1963	98.733	98.750	—
Nov 7 1963	98.670	98.687	—
Nov 14 1963	98.606	98.624	—
Nov 21 1963	98.542	98.561	—
Nov 29 1963	98.474	98.488	—
Jan 15 1964	98.073	98.092	—
Apr 15 1964	97.270	97.288	—
PUERTO RICO (Commonwealth of)	Yield Basis or to Bid	Ask	Net
5s 1964-1970 J-J	b1.70 to 2.75%		—
3½s 1971-1983 J-J	b2.70 to 3.25%		—
2s 1984 J-J	—	—	3.85
Aqueduct & Sewer Auth—			
4s July 1 1972	103	106	—
Water Resources Authority			
Electric revenue ser 1962			
Ref 3¼s 1964-1977 J-J	b1.70 to 3.00%		—
Ref 3½s 1978-1982 J-J	b3.05 to 3.25%		—
Ref 3.60s 1983-1985 J-J	b3.30 to 3.35%		—
Ref 3.70s 1986-1988 J-J	b3.40 to 3.50%		—
Revenue (Series 1962)			
5s 1964-1966 J-J	b1.70 to 2.10%		—
3s 1967-1976 J-J	b2.20 to 2.95%		—
3¼s 1977-1984 J-J	b3.00 to 3.30%		—
3.40s 1985-1991 J-J	b3.30 to 3.45%		—
Electric Revenue (series '63)			
3¼s 1965-1972 J-J	b1.80 to 2.70%		—
3s 1973-1978 J-J	b2.80 to 3.00%		—
3¼s 1979-1987 J-J2	b3.10 to 3.40%		—
3.30s 1988-1998 J-J	b3.45 to 3.55%		—
3½s 1999 J-J	—	—	3.55
Public Improvement bonds—			
4¼s 1964-1966 J-J	b1.70 to 2.10%		—
3s 1967-1975 J-J	b2.20 to 2.90%		—
3¼s 1976-1983 J-J	b3.00 to 3.25%		—
3.40s 1984-1986 J-J	b3.30 to 3.35%		—

Bonds—	Yield Basis or to Bid	Ask	Net
Public Improvement—			
5s 1964-1975 J-J	b1.70 to 3.00%		—
3.40s 1976 J-J	—	—	3.05
3.30s 1977-1987 J-J	b3.10 to par		—
ALABAMA			
3¾s refunding 1964-65 J-J	b2.00 to 2.20%		—
Education Authority Capital Improvement ser A			
5s 1964-1966 M-S	b2.00 to 2.30%		—
3½s 1967-1970 M-S	b2.40 to 2.80%		—
3.60s 1971-1974 M-S	b2.85 to 3.00%		—
3.70s 1975-1978 M-S	b3.05 to 3.15%		—
3½s 1979 M-S	b3.10 to 3.20%		—
3.70s 1980 M-S	b3.20 to 3.30%		—
Capital Improvement series C			
5s 1964-1966 A-O	b2.00 to 2.30%		—
3s 1967-1969 A-O	b2.40 to 2.55%		—
3¼s 1970-1978 A-O	b2.70 to 3.15%		—
3.40s 1979-1981 A-O	b3.25 to 3.35%		—
Highway Authority—			
Highway Auth series D			
3.60s 1964-1974 A-O	b2.00 to 2.90%		—
2s 1975 A-O	—	—	3.00
3.60s 1976 A-O	—	—	3.10
Highway Auth series E			
3s 1964-1968 M-N	b2.00 to 2.50%		—
3¼s 1969-1973 M-N	b2.60 to 3.00%		—
3.40s 1974-1979 M-N	b3.10 to 3.25%		—
Southeast Alabama Gas Dist—			
4½s 1st mtge Nat Gas revenue 1989 A-O	—	—	4.15
Birmingham—			
Industrial Waterworks—			
Ref 1½s 1964-70	b1.75 to 3.00%		—
School Building Bonds—			
1¼s due 1964-70 A-O	b1.50 to 2.50%		—
1s due 1971-76 A-O	b2.70 to 3.00%		—
Water Supply rev ser A—			
2.25s 1964-66 J-J	b2.00 to 2.40%		—
2.40s 1967-68 J-J	b2.50 to 2.60%		—
2.50s 1964-73 J-J	b1.80 to 3.00%		—
2.75s 1974-80 J-J	b3.00 to 3.35%		—
2.80s 1981-90 J-J	b3.35 to 3.50%		—
Mobile (City of)—			
3½s gen ref 1964-70 A-O	b2.10 to 3.00%		—
Mobile County—			
Gen fund 4½s 1964-66 J-D	b1.80 to 2.25%		—
Selma Housing Auth—			
2⅛s 1976	—	—	2.90
Sheffield 4s 1964-68 M-S	b1.80 to 3.00%		—
ALASKA			
Various 1964-1978	b2.00 to 3.75%		—
Anchorage (G O & I S D)			
Various coupons 1964-78	b2.00 to 4.10%		—
Tele rev various 1964-78	b2.00 to 4.00%		—
Port revenue 5.40s 1998	85	—	—
Fairbanks (G O & I S D)			
Various coupons 1964-76	b2.00 to 3.75%		—
Juneau (G O & I S D)			
Various coupons 1964-81	b2.00 to 4.20%		—
Airport rev 4½s 1964	b2.50 to 3.30%		—
Water rev various 1964-72	b2.40 to 4.25%		—
Ketchikan (G O & I S D)			
Various coupons 1964-75	b2.00 to 3.85%		—
Utility rev various 1964-82	b2.00 to 4.00%		—
ARIZONA			
Phoenix (City of)—			
Water Revenue (1st issue)			
2s 1964-1977 J-J	b1.50 to 3.50%		—
Water Wks Rev (Ser 1949)			
3s 1964-66 J-J	b1.50 to 2.10%		—
2½s 1964-73 J-J	b1.50 to 2.80%		—
2¼s 1974-78 J-J	b2.85 to 3.05%		—
1952 Water Bonds—			
3s 1964-71 J-J	b1.50 to 2.70%		—
3¼s 1972-77 J-J	b2.75 to 3.00%		—
Salt River Project Agric Imp & Pow District—			
3¼s Jan 1 1981	b3.25 less 1		—
3½s July 1 1978	b3.25 less 1		—
Tucson (City of)—			
Wat rev 1½s Mar 1 1967	b2.40 less ½		—
Water rev ref 1962 series			
4½s 1964-1970 J-D	b1.75 to 2.75%		—
3¼s 1971 J-D	b2.85 less 1		—
3s 1972-1978 J-D	b2.90 to 3.25%		—
3.20s 1972-1985 J-D	b2.90 to 3.40%		—
3.40s 1986-1991 J-D	b3.45 to 3.60%		—
ARKANSAS			
Highway refunding—			
3s April 1 1969-72 A-O	b2.45 to 2.65%		—
3s April 1964-72 A-O	b2.00 to 2.65%		—
Hot Springs 3s rev 1964-83	b2.40 to 3.90%		—
Little Rock wat 4s '64-78 F-A	b2.00 to 3.40%		—
CALIFORNIA			
4½s Olympiad 1964-71 J-J	b1.65 to 2.50%		—
State Construction—			
Act of 1958 series F—			
5s 1964-1972 J-J	b1.65 to 2.60%		—
4s 1973 J-J	—	—	2.65
3¼s 1974-1976 J-J	b2.70 to 2.75%		—
3.40s 1977-1978 J-J	b2.80 to 2.85%		—
3½s 1979-1981 J-J	b2.90 to 3.00%		—
3.60s 1982 J-J	—	—	3.05
State School Bldg ser G—			
2¾s 1964-66 M-N	b1.65 to 1.95%		—
3s 1967-74 M-N	b2.10 to 2.70%		—
3s 1975-79 opt '74 M-N	b2.70 to 2.90%		—

* Subject to all Federal taxes. a Called for redemption, see page 94. b Basis. f Flat price. n Nominal.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

Bonds—	Yield Basis or To Bid	Ask	Net
California (Continued)—			
State School Bldg Aid Law of 1958 series W			
5s 1964-1967 M-S	b1.65 to 2.10%		--
3½s 1968-1972 M-S	b2.20 to 2.60%		--
3¾s 1973-1984 M-S	b2.65 to 3.15%		--
4s 1985-1986 M-S	b3.20 to 3.25%		--
State School Building Aid—			
5s 1965-1972 M-N	b1.80 to 2.60%		--
3½s 1973 M-N	--	--	2.65
2¾s 1974-1977 M-N	b2.70 to 2.80%		--
2.90s 1978 1980 M-N	b2.85 to 2.95%		--
3s 1981-1988 M-N	b3.00 to 3.20%		--
Veteran's Bonds Act of 1956 series S—			
5s 1964-1966 A-O	b1.65 to 1.95%		--
4s 1967	--	--	2.10
3¼s 1968-1973	b2.20 to 2.65%		--
3½s 1974-1984	b2.70 to 3.10%		--
Veterans' Bonds Act of 1958 series U			
5s 1964-1966 F-A	b1.65 to 1.95%		--
4¾s 1967 F-A	--	--	2.10
3½s 1968-1970 F-A	b2.20 to 2.40%		--
3¾s 1971-1978 F-A	b2.50 to 2.90%		--
4s 1979-1980 F-A	b2.95 to 3.00%		--
4s 1981-85 opt 1980 F-A	b3.05 to 3.20%		--
Veterans' (dated July 1 1962)			
5s 1964-1974 F-A	b1.65 to 2.70%		--
3s 1975-1979 F-A	b2.70 to 2.90%		--
3¼s 1980-1982 F-A	b2.95 to 3.05%		--
3.30s 1983-1985 opt '83 F-A	b3.05 to 3.15%		--
3.40s 1986-1987 opt '83 F-A	b3.20	3.15%	--
¼s 1988 opt '83 F-A	--	--	4.20
Veterans' and State School Building Aid—			
5s 1964-1967 M-S	b1.65 to 2.10%		--
3¼s 1968-1971 M-S	b2.20 to 2.50%		--
3½s 1972-1976 M-S	b2.60 to 2.75%		--
3¾s 1977-1982 M-S	b2.80 to 3.10%		--
4s 1983-1986 M-S	b3.10 to 3.25%		--
Toll Bridge Authority—			
Carquinez Strait Bridges			
Toll Bridge Revenue—			
3¾s 1995 M-S	104	104½	--
4⅜s ser B 1995 M-S	106¼	107¼	--
Richmond-San Rafael Brge			
3⅞s rev ser A 1992 M-S	102½	103½	--
Imperial Irrigation District—			
Electric Rev (9th issue)			
2s 1964-71 J-J			
1¾s 1972-76 J-J	b2.00 to 3.25%		--
Electric Revenue—	b3.55 to 3.75%		--
1st division (10th issue)			
2¾s 1964-70 J-J	b2.00 to 2.70%		--
3s 1971-78 J-J	b2.88 to 3.40%		--
2¾s 1979 J-J	--	--	3.65
2nd division (10th series)			
2¾s 1964-66 J-J	b2.00 to 2.25%		--
3s 1967-80 J-J	b2.40 to 3.50%		--
2¾s 1981 J-J	--	--	3.75
Los Angeles (City)—			
3½s water wks 1964-75	b1.60 to 2.85%		--
4¼s water 1964-70 A-O	b1.60 to 2.50%		--
4s 1964-68 J-J	b1.60 to 2.30%		--
4¾s 1964-69 M-S	b1.60 to 2.40%		--
2s 1968-87 A-O	b2.50 to 3.75%		--
Refunding rev issue of 1943			
1½s June 1 1976	--	--	3.60
Issue of 1944			
1¾s 1964-76 F-A	b1.60 to 3.40%		--
3rd issues of 1944			
1¾s 1964-68 A-O	b1.60 to 2.70%		--
2s 1969-75 A-O	b2.60 to 3.10%		--
1¾s 1976-78 A-O	b3.40 to 3.50%		--
Issue of 1949			
2¼s 1965-72 M-N	b1.75 to 2.90%		--
2½s 1973-85 M-N	b2.90 to 3.50%		--
2¼s 1986-89 M-N	--	--	3.60
Elec Plant Rev (1952 issue)			
2¼s 1973-84 J-D	b3.00 to 3.60%		--
2½s 1985-92 J-D	b3.50 to 3.65%		--
Elec Plant Rev (1953 issue)			
2¼s 1964-68 A-O	b1.60 to 2.50%		--
2½s 1969-77 A-O	b2.40 to 3.40%		--
2¾s 1978-83 A-O	b3.10 to 3.40%		--
Elec Plant Rev (1954 issue)			
2.00s 1965-1968 A-O	b1.75 to 2.60%		--
2¼s 1969-1973 A-O	b2.50 to 3.00%		--
2½s 1974-1977 A-O	b3.00 to 3.10%		--
2.70s 1982-1984 A-O	--	--	3.25
Flood Control District			
3¼s May 1 1964-1983	b1.60 to 3.10%		--
Unified School District City Junior College Dist			
4s 1964-1970 F-A	b1.60 to 2.50%		--
3¼s 1971-1982 F-A	b2.60 to 3.10%		--
3.40s 1983-1985 F-A	b3.10 to 3.15%		--
2½s 1986-1987 F-A	--	--	3.50
Water Wks Rev (issue of '49)	b2.50 to 3.30%		--
2¼s 1968-78 M-N	b3.20 to 3.50%		--
2½s 1979-89 M-N			
Los Ang City High Sch Dist—			
2½s 1964-72 J-J	b1.60 to 2.70%		--
2s 1964-72 J-J	b1.60 to 3.00%		--
Election 1952 series C—			
2½s 1964-1979 J-J	b1.60 to 3.20%		--
Election 1958 series F—			
4s 1964-1985 J-D	b1.60 to 3.30%		--
Los Angeles County Flood Control District—			
2½s 1964-94 A-O	b1.60 to 3.65%		--
2¼s 1964-83 M-N	b1.60 to 3.60%		--
3¾s 1964-83 M-N	b1.60 to 3.10%		--
4s 1964-89 M-S	b1.60 to 3.20%		--
3¼s 1964-89 M-S	b1.60 to 3.15%		--
Los Angeles Metro Transit Authority—			
5¾s March 1 1983	110¾	111¾	--
Metropolitan Water District of Southern California—			
Waterworks Bonds			
3.10s Nov 1 1964-70	b1.80 to 2.40%		--
Oroville-Wyandotte			
Irrig District 4½s 2006	113½	115½	--
Placer County Water Agency—			
Middle Fork Project rev A—			
3¼s 1968-1982 J-J	b2.30 to 3.20%		--
3½s 1983-1987 J-J	b3.20 to par		--
3¾s Feb 12 2013	b104 to 105		--
San Diego—			
Water system extension			
1¾s June 1 1964-1968	b1.75 to 2.50%		--
2s June 1 1967-76	b2.15 to 3.05%		--
San Fran (City & County)—			
5s water 1964-69 J-J	b1.65 to 2.30%		--
4½s water 1964-77 J-J	b1.65 to 2.75%		--
Airport bonds (1945 ser C)			
2½s 1964-68 F-A	b1.65 to 2.15%		--
Various purposes Dated April 1 1963			
6s 1964-1966 A-O	b1.65 to 2.00%		--
2s 1967-1968 A-O	b1.90 to 2.15%		--
2¼s 1969-1971 A-O	b2.30 to 2.40%		--
2½s 1972-1976 A-O	b2.45 to 2.75%		--
2¾s 1977-1983 A-O	b2.75 to 3.00%		--
Hetch Hetchey 4½s 1967-77	b1.90 to 2.75%		--
Spring Val 4½s 1967-69 J-J	b1.90 to 2.30%		--
CANADA			
See page 82			
COLORADO			
Colorado (State of)—			
State H'way Fund Revenue Anticipating warrants—			
2¼s 1964-1971 J-J	b1.75 to 2.50%		--
State H'way fund rev ref—			
3s 1963-1967 J-J	b1.50 to 2.20%		--
2.60s 1968 J-J	--	--	2.30
2.40s 1969 J-J	--	--	par
2½s 1970 J-J	--	--	par
2.60s 1971-1972 J-J	b2.55 to par		--
2.65s 1973 J-J	--	--	par
2¾s 1974-1975 J-J	--	--	par
Colorado Springs (City)—			
Utility Revenue—			
1.70s 1964-66	b1.75 to 2.05%		--
1.75s 1967-72 M-N	b2.15 to 2.80%		--
1¾s 1964-1971 M-N	b1.75 to 2.75%		--
2s 1972-1974 M-N	b2.75 to 2.85%		--
2.10s 1975-1977 M-N	b2.85 to 3.00%		--
2¼s 1978-1982 M-N	b3.00 to 3.15%		--
Denver (gen oblig)—			
1.70s 1965-68 A-O	b1.90 to 2.25%		--
1¾s 1964-68 M-N	b1.75 to 2.25%		--
School District No. 1			
2.10s 1964-67 A-O	b1.75 to 2.15%		--
Water bonds—			
4½s 1972-1975 A-O	b2.60 to 2.80%		--
3.20s 1976-1978 A-O	b2.75 to 2.85%		--
3s 1979-1984 A-O	b2.85 to 3.00%		--
3.10s 1985-1989 A-O	b3.00 to 3.10%		--
3¼s 1992-1993 A-O	b3.20 to 3.25%		--
3.30s 1994-1999 A-O	b3.25 to 3.30%		--
El Paso County—			
School District No. 11			
1¾s 1964-65 M-S	b1.75 to 1.90%		--
CONNECTICUT			
3.10s 1964-1980 J-J	b1.70 to 2.85%		--
3⅜s 1964-1988 A-O	b1.70 to 3.15%		--
3¼s 1964-1981 J-J	b1.70 to 2.90%		--
3⅛s 1964-1982 J-J	b1.70 to 2.95%		--
3s 1964-1979 M-N	b1.70 to 2.85%		--
2.60s July 1 1968-1975	b2.25 to 2.80%		
2⅝s 1964-1977 F-A	b1.70 to 2.85%		--
2½s 1964-1978 J-D	b1.70 to 2.85%		--
2s 1964-1974 M-N	b1.70 to 2.80%		--
1¾s 1964-1984 A-O	b1.80 to 3.25%		--
1¼s 1964-1970 M-N	b1.95 to 3.05%		--
Expressway Rev & Motor Fuel Tax—			
Greenwich-Killingly—			
Fourth Series			
6s 1964-1966 J-J	b1.80 to 2.15%		--
4s 1967-1968 J-J	b2.20 to 2.55%		--
3¾s 1969-1973 J-J	b2.60 to 2.80%		--
3⅝s 1974-1975 J-J	b2.85 to 2.95%		--
3½s 1976-1989 J-J	b3.05 to 3.25%		--
3.60s 1990-1991 J-J	--	--	3.30
3⅝s 1992-1993 J-J	--	--	3.35
3.65s 1994-1997 J-J	--	--	3.40
Sixth Series			
3¼s 1968-1981 J-J	b2.60 to 3.05%		--
3.30s 1982-1989 J-J	b3.10 to 3.35%		--
3½s 1990-1997 J-J	b3.40 to 3.50%		--
Seventh Series			
6s 1964-1966 J-J	b1.70 to 1.95%		--
4¾s 1967 J-J	--	--	2.15
6s 1968-1969 J-J	b2.25 to 2.35%		--
5s 1970-1974 J-J	b2.45 to 2.70%		--
4½s 1975-1977 J-J	b2.75 to 2.90%		--
4.20s 1978-1988 J-J	b2.95 to 3.25%		--
4¼s 1989-1997 J-J	b3.30 to 3.60%		--
Gen Obl Highway System			
3¼s 1967-1968 J-D	b2.10 to 2.20%		--
2¼s 1969-1971 J-D	b2.30 to 2.45%		--
2½s 1972-1975 J-D	b2.50 to 2.65%		--
2.60s 1976-1977 J-D	b2.75 to 2.90%		--
2¾s 1978-1980 J-D	b2.90 to 3.05%		--
2.80s 1981-1983 J-D	b3.10 to 3.25%		--
Hartford (City of)—			
2.65s 1964-1983 M-N	b1.70 to 3.05%		--
Hartford County—			
Metropolitan District—			
2¼s 1964-78 J-J	b1.70 to 3.30%		--
2s 1964-89 M-N	b1.70 to 3.80%		--
Meriden 1.40s 1964-70 A-O	b1.85 to 2.90%		--
New Haven 1¾s 1964-68 F-A	b1.80 to 2.55%		--
1.40s 1964-69 J-J	b1.85 to 2.70%		--
1.70s gen imp 1964-71 J-J	b1.70 to 2.95%		--
Gen Pub Corp 3s '64-81 A-O	b1.70 to 3.00%		--
Norwalk (City)—			
3.40s 1964-1979 M-N	b1.80 to 3.05%		--
Stamford (City)—			
2s school 1964-68 F-A	b1.85 to 2.60%		--
Waterbury 5s 1964-71 M-N	b1.70 to 2.75%		--
1.30s 1964-71 M-S	b1.80 to 3.05%		--
1¾s 1964-1979 M-N	b1.80 to 3.35%		--
DELAWARE			
3.40s various 1964-1977 M-S	b1.60 to 2.90%		--
Delaware (Continued)—			
3.30s Sept 1 1964-1978	b1.60 to 2.90%		--
3¼s April 1 1964-1980	b1.60 to 2.95%		--
3s 1964-1979 A-O	b1.60 to 2.95%		--
2.90s 1964-1982 M-S	b1.60 to 3.05%		--
2.80s 1964-1982 A-O	b1.60 to 3.05%		--
2¾s March 15 1964-1977	b1.65 to 2.95%		--
1.60s 1964-1971 M-N	b1.70 to 3.15%		--
1½s 1968 J-J	--	--	2.65
Delaware Memorial Bridge—			
4s 1978	103¼	104¼	--
Delaware Turnpike rev			
4⅛s 2002 J-J	108	109	--
Highway and Capital Imp—			
1.40s 1964-1968 J-D	b1.85 to 2.75%		--
1.40s 1969 J-D	--	--	2.75
Sussex Co 1½s 1964-73 M-N	b1.75 to 3.20%		--
Wilmington 1.70s 1964-81 J-D	b1.75 to 3.45%		--
FLORIDA			
Florida Develop Commission—			
Pinellas County Road & Bridge revenue			
5s 1965-1974 J-D	--	--	3.25
4.85s 1974-1989 J-D	b4.10	3.85%	--
4.80s 1990 J-D	--	--	4.10
Palm Beach County Road & Bridge rev 3.65s 1983 F-A	100	102	--
University System Imp Rev			
4¼s 1965-1983 F-A	--	--	3.90
4.15s 1984 F-A	--	--	3.90
4.10s 1985-1986 F-A	--	--	3.95
4.15s 1987-1990 F-A	--	--	4.00
Florida State Turnpike Auth—			
4¾s (1961 series) 2001 M-N	107½	109	--
FSIC Lower Tampa Bay—			
Bridge rev 3¾s Sept 1 1981	100	--	--
Coral Gables—Ref of 1944			
3½s optional 1979	99	--	--
Dade County—			
Highway 5s 1964-66	--	--	2.60
Special Co Building—			
3⅜s 1972 F-A	--	--	3.10
Road Revenue—			
6s 1964-1969 F-A	--	--	3.00
4.10s 1970-1988 F-A	--	--	4.00
Port Authority (Ser B)			
4.70s 1999 A-O	108	110	--
Duval County—			
5¾s 1964-1966 A-O	--	--	2.60
3.30s 1967-1980 A-O	--	--	3.30
Ft Lauderdale—			
4s refunding 1964-71 J-J	--	--	3.15
Wat & Sew rev 4½s			
1980-1985 M-S	--	--	3.65
Fort Myers ref 3s 1978	--	--	3.75
Ft Pierce—			
Wat & El rev 4s 1987 A-O	b3.80	3.60%	--
Jacksonville—			
Electric revenue certificates			
2¼s 1964-72 J-J	b2.75	2.30%	--
Util tax rev 4.60s 1994 J-J	110	--	--
Expressway Rev series 1957			
3.90s 1968-1971 J-J	--	--	3.60
4s 1972-1977 J-J	--	--	3.75
Jacksonville Expressway—			
Revenue 4¼s July 1 1992	109	111½	--
Miami (City of)—			
Wat Rev 2s Dec 1 1967	--	--	3.00
Wat Rev 2⅞s 1980-82 J-D	3.60	3.40	--
Sewer rev 4.30s 1993 J-J	102	--	--
Orlando Util com 3¼s '80 A-O	--	--	3.20
St Petersburg—			
2¾s non-call ref 1979 M-S	90	--	--
Sanford ref 1½s-2½s 1977	70	--	--
Tampa—			
Special Obligation—			
Cap imp 3.70s 1983 A-O	--	--	3.65
Sewer rev 2¾s 1985	--	--	3.90
Sewer rev 3¼s 1985	b3.75	3.55%	--
Sewer revenue 1962 series			
5s 1966-1975 F-A	--	--	3.30
4s 1976 F-A	b3.30	3.00%	--
3½s 1977-1982 F-A	b3.70	3.50%	--
3¼s 1983-1986 F-A	b3.75	3.55%	--
3.40s 1987-1992 F-A	b3.80	3.60%	--
3½s 1993-2000 F-A	--	--	3.85
3s 2001-2002 F-A	--	--	3.90
Vero Beach ref 3s 1979	85	--	--
West Palm Beach (City of)—			
Wat & Sewer rev ser A			
3¾s 1964-84	b3.70	3.40%	--
FOREIGN GOVERNMENTS AND CITIES			
Over-the-Counter issues			
Australia (Commonwealth of)			
5s 1983 (now listed NYSE)			
Bank of Colombia 7s 1947 A-O	f105	--	--
Sinking fund 7s 1948 A-O	f105	--	--
Bogota (City of)—			
External s f 8s 1945	f136	--	--
Bogota (Municipality of)—			
Power & Light 6s Apr 1947	f136	--	--
Bolivia (Rep) Ext 8s 1947 M-N	f16½	17½	--
External 7s 1958 J-J	f16½	17½	--
External s f 7s 1969 M-S	f16½	17½	--
Adjustment 1-3s 1993 J-J	f11½	12¼	--
Brazil United States—			
5s of 1931 due 1951	83	--	--
4½s (now 1⅝s) of 1888	55	--	--
5s (now 1¾s) of 1895	55	--	--
5s (now 2¾s) of 1903	55	--	--
5s (now 1½s) of 1913	55	--	--
Issues stpd under Plan B—			
5s (now 3¾s) of 1895	27¼	--	--
British—See Great Britain			
Caldas Extl s f 7½s 1946 J-J	f122	--	--
Cali (Colom) s f 7s 1947 M-N	120	--	--
30-yr s f $ bonds 3s '78 J-J	59	62	--
Callao (Peru) 7⅛s 1944 J-J	94	--	--
Carlsbad (City of)—			
4s extended to Jan 1966	f5	--	--
External s f 8s Jan 1954	f45	--	--
Ceara (Brazil) 8s 1947 J-D	f13	--	--

b Basis. f Flat price. k Last sale. n Nominal r Canadian dollar value. a Called for redemption, see page 94.

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STATE AND MUNICIPAL BONDS

QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

Bonds—	Yield Basis or To Bid	Ask	Net
Great Britain—			
All British issues are quoted in U S dollars per £20 principal amount flat			
2½s Annuities	25	25½	—
2½s "Consols"	25⅝	26¼	—
4s "Consols"	39	39¾	—
3s fund loan 1969 opt 1959	50¼	51	—
4s fund loan 1990 opt 1960	51⅞	52⅝	—
3s savings bds 1965 opt 1955	53¾	54½	—
3s savings bds 1970 opt 1960	48¾	49½	—
4s victory bonds of 1919	54¾	55½	—
3½s war loan 1952	34⅝	35⅛	—
Greater Prague (City of)—			
6s extended to Nov 1960	f10	16	—
Israel (State of)—			
Independence issue			
3½s May 1966	97¼	98	—
Development issue			
4s 1969	97¼	98	—
II Development issue			
4s due 1974-75-76-77	94½	95½	—
Lima (City) Peru—			
Extl s f 6½s 1958 M-S	87	—	—
Montevideo (City) 7s 1952 J-D	f205	—	—
Extl s f 6s 1959 ser A M-N	f195	—	—
Mortgage Bank of Bogota—			
7s (issue of May 1927) 1947 M-N	f106	—	—
7s (issue of Oct 1927) 1947 A-O	f106	—	—
Norway (Kingdom of—			
5¼s 1978 (now listed NYSE)			
Panama (Republic of)—			
4.80s extl sec 1993 A-O	101	—	—
Prague (City of) 7½s 1952	f75	—	—
Rio de Janeiro—			
External 6s 1933 A-O	f86	—	—
Russian 6½s June 18 1919	f1½	1⅞	—
5½s external loan Dec 1921	f1½	1⅞	—
Santa Catharina (Brazil)—			
External s f 8s 1947 F-A	105	—	—
Santander (Dept) Colombia			
External s f 7s 1948 A-O	121	—	—
S f 3s July 1 1978	f58	—	—
Santiago (City) Chile 7s '49 J-J	94	—	—
External s f 7s 1961 M-N	94	—	—
Tolima (Dept of)—			
External s f 4s Nov. 1 1947	f121	—	—
United Kingdom of Gt Britain and Ireland—See Gt Britain			
Yugoslavia (Republic of)—			
5s 1st series Nov 1956	f25½	27	—
CANADA			
All Canadian issues shown below are quoted in U S funds			
Government of Canada—			
Payable in U S currency			
2¾s Sept 1 1974	85½	86½	—
2¾s Sept 15 1975	84	85	—
Payable in Canadian currency			
4s May 1 1964	92¾	93¼	—
3¾s Sept 1 1965	91¾	92¼	—
4½s Dec 15 1966	92¾	93½	—
4¼s June 1 1967	92	92¾	—
4¼s Jan 15 1968	91¾	92½	—
2¾s June 15 1968 opt '67	86¾	87½	—
5½s Apr 1 1969	96¼	97	—
3½s May 1 1970	86¾	87½	—
4¼s Sept 1 1972	88½	89¼	—
5½s Oct 1 1975	96¾	97½	—
3¼s June 1 1976 opt '74	79	79¾	—
5½s April 1 1976	96½	97¼	—
3¾s Jan 15 1978 opt '75	81¾	82½	—
3¼s Oct 1 1979	76	76¾	—
4½s Sept 1 1983	87	87¾	—
5s June 1 1988	92½	93¼	—
3¾s Mar 15 1998 opt '96	74½	75¼	—
3s Sept 15 perp opt '66	65¼	66¼	—
Govt of Canada (Internal)			
Victory Loans—			
8th 3s Oct 1 1963 opt '59	92½	93½	—
9th 3s Sep 1 1966 opt '61	89	90	—
Alberta (Province)—			
2¾s Mar 1 1965	97½	98¼	—
2¾s Mar 1 1967	94¼	95¼	—
2⅞s Mar 1 1970	91¼	92¼	—
2⅞s Mar 1 1972	89	90	—
Municipal Financing Corp			
4¾s May 15 1984 opt '69	102½	103½	—
5s Dec 15 1984 opt '70	103½	104½	—
4⅞s June 15 1985 opt '70	103¾	104¾	—
British Columbia (Province)—			
4½s Jan 23 1969	100½	101½	—
3½s Aug 15 1976 opt '61	89½	91½	—
3⅝s Feb 15 1977 opt '62	90½	92½	—
3¾s June 15 1976 opt '61	92	94	—
3¾s June 15 1981 opt '61	90	92	—
4⅜s Apr 15 1982 opt '67	98¾	99¾	—
3¾s June 15 1986 opt '61	88½	90½	—
4⅜s Apr 15 1987 opt '67	99	100	—
Edmonton—			
3¾s May 1 1971	93¾	94¾	—
3⅞s May 1 1975	92¾	93¾	—
3⅞s May 1 1981	89¾	90¾	—
5⅛s Dec 15 1978	102	103½	—
4¾s Apr 15 1983	99	100½	—
Manitoba—			
3½s June 15 1971 opt '57	93¼	94¼	—
5¼s Nov 15 1984 opt '74	107	109	—
Montreal (City of)—			
3¾s Oct 1 1963	99¾	100¼	—
3⅞s May 1 1965	99½	100¼	—
3s Oct 15 1967	94	95	—
3½s Oct 1 1970	93¼	94¼	—
4½s Jan 1 1976	99	100	—
5¼s Mar 1 1977 opt '67	103¼	104¼	—
4¾s Nov 1 1978 opt '68	100¾	101½	—
5s Nov 1 1978 opt '68	102½	103½	—
5⅝s Nov 1 1979 opt '69	105	107	—
5⅜s June 1 1980 opt '70	104½	105½	—
Montreal Metropolitan Commission 5s May 1 1966	101½	102½	—
Montreal Metropolitan Corp—			
5⅝s Feb 1 1985 opt '70	105½	106½	—
Montreal Transportation—			
4¼s Jan 1 1973 opt '60	97	99	—
5¼s Mar 15 1977 opt '67	102	103	—
New Brunswick (Province)—			
5⅜s s f debs 1985 F-A	104	106	—
Nova Scotia (Province)—			
3⅝s Mar 15 1964 opt '60	99¾	100¼	—
3¾s July 15 1966 opt '60	99	100	—
3¾s Oct 1 1971 opt '60	95½	96½	—
3½s Jan 15 1972 opt '60	93⅝	94⅝	—
3½s Jan 2 1976 opt '66	90¾	91¾	—
5⅛s Apr 1 1980 opt '70	104	105	—
Ontario (Province)—			
2.80s Mar 15 1964	99	99¾	—
3¼s May 15 1971 opt '60	92	93	—
3¼s Sept 1 1972 opt '60	91	92	—
3¼s Feb 1 1975 opt '60	89	90	—
3⅝s Nov 1 1978 opt '60	91	92	—
3½s Mar 15 1980 opt '60	84½	85½	—
3⅞s May 15 1981 opt '61	93	94	—
4s May 1 1983 opt '68	94½	95½	—
4¾s Feb 1 1984 opt '69	103¾	104¾	—
4s June 1 1965	99¼	99¾	—
4s June 1 1967	98¾	99½	—
4½s May 15 1970	100¼	101¼	—
4s June 1 1971	97¼	98¼	—
Quebec (Province)—			
2⅞s Apr 1 1971	89¾	90¾	—
3¼s debs Dec 1 1972 opt '57	90¾	91¾	—
5⅜s Oct 1 1979 opt '74	107	109	—
Quebec Hydro Electric Com—			
4⅜s Feb 1 1977 opt '67	99¼	100¼	—
3½s Dec 1 1978 opt '58	89¼	90¼	—
3½s Jan 1 1981 opt '61	88¼	89¼	—
4¼s Dec 1 1981 opt '66	97½	98½	—
3¾s Feb 1 1983 opt '68	90½	91½	—
5s July 15 1984 opt '69	105	106	—
Saskatchewan—			
3⅛s Feb 1 1966	97	97¾	—
3⅛s Aug 15 1970	91½	92½	—
4s Apr 1 1973 opt '58	95¾	96¾	—
3¼s June 1 1974 opt '72	89	90	—
3¾s Jan 2 1976 opt '66	92½	93½	—
4¾s Jan 2 1984 opt '74	102½	104	—
Toronto (City of)—			
3¼s Dec 1 1963	99½	100	—
3¼s May 15 1966	97	98	—
3¼s May 15 1970	93	94	—
3½s Dec 1 1975	91¼	92¼	—
3½s Dec 1 1983	87½	88½	—
Toronto (Metropolitan)—			
4⅛s Aug 15 1976 opt '66	97¼	98¼	—
4⅞s July 1 1977 opt '72	105	106½	—
4s July 1 1978 opt '73	96¼	97¼	—
4¾s Dec 15 1978 opt '73	104	105¼	—
5s June 1 1979 opt '74	106½	107½	—
5⅛s Mar 1 1980 opt '75	107½	109	—
Vancouver—			
4½s Aug 1 1967	98	100	—
5s June 1 1969	99	101	—
5s Jan 15 1970	99	101	—
Greater Vancouver—			
W D 4½s Aug 1 1967	98	99½	—
Greater Winnipeg—			
W D 5s Feb 15 1970	99½	101½	—
GEORGIA			
State Bridge Bldg Auth—			
Revenue series A of 1953—			
2.70s 1964-65 J-J	b1.75 to 2.00%		—
2.60s 1966-69 J-J	b2.20 to 2.50%		—
State Highway Authority—			
State Highway series 1961-A			
4½s 1964-1968 J-J	b1.75 to 2.40%		—
3.60s 1969-1975 J-J	b2.50 to 2.90%		—
3¾s 1976-1984 J-J	b3.00 to 3.40%		—
3.90s 1985-1991 J-J	b3.40 to 3.60%		—
State Highway Auth (ser B-61)			
4½s 1964-1972 J-J	b1.75 to 2.80%		—
3½s 1973-1979 J-J	b2.80 to 3.20%		—
3.70s 1980-1983 J-J	b3.25 to 3.35%		—
3¾s 1984-1990 J-J	b3.40 to 3.60%		—
State School Bldg Authority			
Rev 2.60s 1964-70 A-O	b1.75 to 2.50%		—
Revenue Series 1953 A—			
3.60s 1964-67 M-S	b1.75 to 2.30%		—
3.70s 1968-71 M-S	b2.40 to 2.60%		—
Revenue Series 1954 A—			
4s 1964 M-S	—	—	1.75
2½s 1965-68 M-S	b2.00 to 2.40%		—
2.70s 1969-70 M-S	b2.50 to 2.60%		—
2.80s 1971-74 M-S	b2.70 to 2.90%		—
Atlanta—			
2½s 1964-79 M-S	b1.75 to 3.10%		—
Wat Wks Rev (1954 ser)			
2½s April 1 1964-74	b1.75 to 2.80%		—
Wat Wks Rev (1955 ser)			
2¾s 1964-75 J-J	b1.75 to 2.90%		—
3¼s 1964-1986 J-D	b1.75 to 3.40%		—
Augusta (City)—			
2¾s 1964-78 J-D	b1.75 to 3.10%		—
Water Works Revenue			
Anticipating ctfs 1952 ser			
3s-2s-2-20s Aug 1 '64-72	b1.75 to 2.90%		—
Chatham Co 2s 1964-81 J-J	b1.75 to 3.40%		—
Coastal Highway District			
Savannah River Crossing			
3¾s Bdge Rev 1982 M-N	92	96	—
Columbus (City) 2s '64-77 A-O	b1.75 to 3.25%		—
De Kalb Co 2s 1964-77 J-J	b1.75 to 3.30%		—
Fulton Co 1½s 1964-76 J-J	b1.75 to 2.90%		—
3¼s 1964-1987 J-J	b1.75 to 3.40%		—
Macon (City of)—			
2½s gen oblig 1964-75 M-S	b1.75 to 2.80%		—
Muscogee County—			
School 2s 1964-70 J-J	b1.75 to 2.70%		—
School 2¼s 1971-80 J-J	b2.80 to 3.40%		—
Richmond (County)—			
Board of Ed 2¾s '64-79 J-J	b1.75 to 3.30%		—
Savannah 2½s 1964-67 J-D	b1.70 to 2.30%		—
2s 1964-1980 J-D	b1.75 to 3.40%		—
HAWAII			
State (G O)—			
Various 1964-77	b1.80 to 2.90%		—
Hwy rev various 1964-89	b2.00 to 3.50%		—
Aviation rev 4.30s 1984 J-J	104	—	—
3s 1964-1971 M-N	b2.00 to 3.00%		—
3¼s 1972-1977 M-N	b2.70 to 3.00%		—
3.40s 1978-1981 M-N	b3.05 to 3.15%		—
Gen oblig ser B of 1962			
2½s 1965-1972 M-N	b1.90 to 2.60%		—
2¾s 1973-1980 M-N	b2.65 to 3.00%		—
2.90s 1981-1982 M-N	b3.05 to 3.10%		—
Hawaii Harbor rev 1964-77	b2.00 to 3.00%		—
Hawaii County G O			
Various 1964-78	b1.80 to 2.95%		—
Water rev various 1964-81	b2.15 to 3.15%		—
Kauai County G O			
Various 1964-78	b2.00 to 3.05%		—
Maui County G O			
Various 1964-82	b2.00 to 3.25%		—
Honolulu G O			
Various 1964-84	b1.80 to 3.30%		—
Board Water Supply rev			
Various 1964-83	b2.00 to 3.25%		—
Honolulu (City & County)—			
General Obligations			
5s 1966-1975 M-N	b2.20 to 2.85%		—
3¾s 1976-1989 M-N	b2.90 to 3.35%		—
1s 1990-1991 M-N	—	—	4.35
ILLINOIS			
Illinois State Toll Hwy Comm			
Northern Ill Toll Hwy			
3¾s revenue 1995 J-J	95½	96½	—
4¾s revenue 1998 J-J	110½	112	—
Illinois (various purposes)—			
4s 1964-1966 A-O	b1.40 to 1.90%		—
2¾s 1967-1975 A-O	b2.00 to 2.60%		—
3s 1976-1986 A-O	b2.65 to 3.00%		—
Various purposes ('62 issue)			
4s 1964-1966 J-D	b1.40 to 1.90%		—
2¾s 1967-1976 J-D	b2.00 to 2.60%		—
3s 1977-1987 J-D	b2.65 to 3.00%		—
Various purposes ('63 issue)			
2½s 1964-1969 A-O	b1.50 to 2.20%		—
2¾s 1970-1979 A-O	b2.30 to 2.75%		—
3s 1980-1988 A-O	b2.80 to 3.00%		—
Service Recognition ser A—			
1¾s 1964-72 M-N	b1.60 to 1.75%		—
Bloomington—			
Sewer rev 2½s 1964-70 M-N	b1.75 to 3.00%		—
Sewer rev 2¾s 1971-79	b3.05 to 3.30%		—
Chicago (City)—			
2½s 1968 opt 1964-68 J-J	b1.50 to 2.35%		—
2s 1964-70 J-J	b1.50 to 2.60%		—
1½s 1964-68 J-J	b1.50 to 2.50%		—
Board of Education—			
3⅜s 1964-1981 M-N	b1.70 to 3.15%		—
Sch bldg 3s 1964-73 M-S	b1.70 to 2.75%		—
Sch bldg 2⅛s '64-74 M-N	b1.70 to 3.00%		—
Sch bldg 3⅝s '64-80 M-N	b1.70 to 3.10%		—
General Obligation			
3¼s 1964-1973 J-J	b1.70 to 2.70%		—
3½s 1974-1979 J-J	b2.75 to 3.00%		—
School Bldg of 1958—			
3¼s Dec 1 1964-78	b1.70 to 3.00%		—
School Bonds series D—			
2⅞s Oct 15 1965-'81 A-O	b2.00 to 3.20%		—
Hsg Auth 2⅜s June 1977	—	—	2.90
Sewer & Superhighway—			
1½s 1964-66 J-J	b1.70 to 2.90%		—
Transit Authority—			
Revenue series of 1947:			
3½s 1964-65 J-J	b2.00 to 2.60%		—
3⅝s 1966-72 J-J	b2.70 to 3.25%		—
3¾s 1978 J-J	101	102	—
Revenue series of 1952—			
4½s July 1 1982	105	106	—
Waterworks System—			
Ctfs of indebtedness			
4¼s 1964-1978 J-D	b1.70 to 3.00%		—
4s 1979-1984 J-D	b3.05 to 3.20%		—
3s 1971-1979 M-S	b2.65 to 3.00%		—
3⅜s 1973-1979 M-S	b2.75 to 3.00%		—
3⅛s 1982-1985 M-S	b3.15 to 3.25%		—
Calumet Skyway Toll Bridge			
3⅜s revenue 1995 J-J	66	68	—
4⅜s revenue 1995 J-J	80	83	—
Chicago-O'Hare Int Airport—			
4¾s revenue 1999 J-J	115½	117½	—
Chicago Park District—			
Refunding bonds of 1945—			
1½s 1965 opt 1964-65 J-D	b1.80 to 2.00%		—
Judgment Funding—			
1¾s 1964-68 J-J	b1.70 to 2.50%		—
Imp 2¾s '68 opt '65-68 M-N	b1.90 to 2.50%		—
Chicago Regional Port Dist—			
4s revenue 1995 J-J	100½	102½	—
Chicago Sanitary District—			
1¼s construction series 7—			
Jan 1 1966 opt '64-65	b2.00 to 2.20%		—
2s construction series 8—			
Jan 1 1966 opt '64-65	b1.70 to 2.20%		—
2¼s construction series 10—			
Jan 1 1967 opt '64-68	b1.70 to 2.50%		—
2¾s construction series 11—			
Jan 1 1966 opt '64-67	b1.70 to 2.40%		—
2⅜s construction series 12—			
Jan 1 1968 opt '64-69 J-J	b1.70 to 2.60%		—
2s ref 1966 opt '64-65 J-J	b1.70 to 1.90%		—
2½s construction series 13—			
Jan 1 1969 opt '64-68	b1.70 to 2.50%		—
2¼s construction series 14—			
Jan 1 1969 opt '64-69	b1.70 to 2.60%		—
2⅛s construction series 16—			
Jan 1 1971 opt '64-69	b1.70 to 2.60%		—
2⅛s construction series 18—			
Jan 1 1971 opt '64-70	b1.70 to 2.70%		—
2¼s construction series 19—			
Jan 1 1972 opt '64-71	b1.70 to 2.80%		—

a Called for redemption, see page 94. b Basis. f Flat price. k Last sale. n Nominal. r Canadian dollar value.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

Bonds—	Yield Basis or To Bid	Ask	Net
Cook County—			
Expressway series A			
2⅝s 1964-75 A-O			—
Expressway series C	b1.70 to 3.00%		—
2¾s 1964-73 A-O	b1.70 to 2.75%		—
Expressway series D			
3⅜s 1964-68 J-D	b1.70 to 2.40%		—
Expressway series E			
4s 1964-77 J-D	b1.70 to 3.00%		—
Expressway series G			
3¼s 1966-75 J-D	b2.10 to 2.90%		—
Expressway series H			
3½s 1964-76 A-O	b1.70 to 2.95%		—
Expressway series I—			
2⅞s 1964-1977 M-N	b1.70 to 3.10%		—
Superhighway bonds—			
2½s 1969 opt 1964-69	b1.70 to 2.60%		—
2⅛s ser B 1970 opt '64-70	b1.70 to 2.80%		—
2¼s ser C 1972 opt '64-70	b1.70 to 2.80%		—
3s ser D 1973 opt '64-72	b1.70 to 2.70%		—
Decatur (water rev)—			
2.10s Sept 1 1964-79	b2.00 to 3.40%		—
Evanston—			
Water Rev 2¼s 1964-73 J-J	b1.70 to 3.00%		—
Water Rev 2½s 1974-79 J-J	b3.10 to 3.30%		—
3½s gen oblig 1964-79 J-J	b1.60 to 3.00%		—
Peoria School Dist No 150			
1½s June 1 1964-67	b1.60 to 2.60%		—
Springfield (City of)—			
Elec rev 2½s 1964-74 M-S	b1.65 to 2.85%		—
INDIANA			
Indiana Toll Road Comm—			
3½s 1994	92¾	93¾	—
Indiana Sanitary District—			
2⅜s of Jan 1 1964-'87	bPar to 3.50%		—
Ind State Office Bldg Comm			
4.20s 1980-88 J-J	b3.25 to 3.40%		—
East Chicago—			
2s sch dist 1964-69 J-J	bPar to 2.80%		—
Fort Wayne—			
Waterworks rev of 1951—			
2½s 1964-76 J-J	bPar to 3.25%		—
Indiana University—			
2½s 1964-69 M-N	bPar to 2.70%		—
Indianapolis Gas Util Rev—			
3½s 1964-1967 J-D	bPar to 2.45%		—
2⅞s 1964-1969 J-D	bPar to 2.60%		—
1⅞s sewer imp 1964-81 J-J	bPar to 3.80%		—
1⅝s sch bldg 1964-70 A-O	bPar to 3.40%		—
South Bend Housing Auth—			
3½s Aug 1 2000	100	101	—
IOWA			
Korean Service Compensation			
2½s Dec 1 1964-1976 J-D	b1.50 to 2.65%		—
Council Bluffs—			
1⅞s 1967-71 J-D	b2.20 to 2.80%		—
Des Moines—			
Lib Mem 2s 1964-71 J-D	b1.60 to 2.75%		—
Scott County—			
1¼s 1964-65	b1.70 to 2.10%		—
Waterloo (School Building)—			
1¾s 1964-69 M-N	b1.65 to 2.60%		—
KANSAS			
Kansas Turnpike Authority—			
3⅜s Turnpike Au 1994—A-O	88¼	89½	—
Kansas City Expway Rev			
5s 1964-1970 M-N	b1.75 to 2.75%		—
4½s 1971-1973 M-N	b2.80 to 2.95%		—
4⅜s Terminal 1997 M-N	—	—	3.65
Lawrence (City of)—			
Wat & Sew Sys Rev ser A—			
2s 1964-72 A-O	b1.90 to 2.90%		—
2¼s 1973-83 A-O	b2.95 to 3.45%		—
Wichita (City of)—			
Board of Education—			
1¾s Feb 1 1964-69	b1.85 to 2.90%		—
Waterworks rev (series '57)			
5s 1964-70 A-O	b1.90 to 2.90%		—
4¼s 1971-76 A-O	b2.95 to 3.20%		—
4.40s 1977-79 A-O	b3.25 to 3.35%		—
4½s 1980-87 A-O	b3.40 to 3.65%		—
KENTUCKY			
Commonwealth of Kentucky—			
G O Highway			
3s 1964-1967 J-J	b1.75 to 2.20%		—
2.90s 1968-1969 J-J	b2.30 to 2.40%		—
3s 1964-1967 J-J	b2.50 to 2.60%		—
3s 1973-1986 J-J	b2.75 to 3.45%		—
G O Park & Hwy purposes			
3.60s 1970-1971 J-J	b2.55 to 2.60%		—
3.60s 3¾s 1972 J-J	—	—	2.75
3.60s 3¾s 1973 J-J	—	—	2.80
3.60s 1974-1990 J-J	b2.90 to 3.50%		—
Veterans Bonus Bonds—			
3¾s 1964-1972 J-J	b1.85 to 2.65%		—
3½s 1973-1981 J-J	b2.80 to 3.20%		—
3.60s 1982-1985 J-J	b3.30 to 3.40%		—
3.70s 1986-1987 J-J	b3.35 to 3.45%		—
3¾s 1988-1990 J-J	b3.50 to 3.60%		—
Bridge Revenue—			
Project No. 18 3¾s 1983	101	102½	—
Project No. 19 3½s 1984	98	100	—
Turnpike Revenue—			
3.40s (series 1954) 1994 J-J	101	102½	—
Turnpike Toll Road—			
4.85s July 1 2000	113	115½	—
Highway Authority—			
Eastern Ky Toll Road Rev—			
4.80s 2000 J-J	113	114	—
Voted Veterans Bonus—			
3s 1974-1976 J-J	b2.80 to 3.00%		—
3⅜s 1977-1982 J-J	b3.00 to 3.40%		—
3.40s 1983-1989 J-J	b3.35 to 3.75%		—
1.10s 1990 J-J	—	—	4.35
Covington 2¼s 1964-86 J-J	b2.00 to 3.85%		—
School Dist 3½s 1964-65 J-J	b2.00 to 2.40%		—
3s 1966-1980 J-J	b2.40 to 3.65%		—
3¼s 1981-1996 J-J	b3.70 to 3.80%		—
Frankfort—			
Elec Light & Pow Rev			
2½s 1966 J-J	b2.70 to 2.60%		—
2¾s 1970 J-J	b3.20 to 3.10%		—
3s 1975-1984 J-J	b3.50 to 3.75%		—
Henderson (City of)—			
Elec Light & Pow Rev			
2¾s 1964-1976 J-D	b2.00 to 3.40%		—
3s 1977-1985 J-D	b3.45 to 3.65%		—
Jefferson County—			
School Bldg rev 2¾s 1970	b3.10 to 3.50%		—
2¾s 1964-1973	b2.00	3.10%	—
Louisville—			
4½s sewer 1969 J-D	b2.55 to 2.65%		—
4¼s ref 1965 J-D	b2.15 to 2.05%		—
4¼s Jan 1 1970 J-J	b2.60 to 2.50%		—
1¾s June 1 1976-87	b3.15 to 3.60%		—
Water Revenue			
2.40s 1964-1965 M-N	b1.90 to 2.15%		—
2.40s 1966-70 M-N	b2.20 to 2.90%		—
2.40s 1971-74 M-N	b3.00 to 3.10%		—
2½s 1978-84 M-N	b3.15 to 3.40%		—
Louisville & Jefferson County Metropolitan Sewer Dist—			
Sewer Revenue (series 1949)			
2s 1964-73 M-S	b1.90 to 3.15%		—
1¾s 1974 M-S	b3.40 to 3.30%		—
2½s 1975-94 M-S	b3.25 to 3.55%		—
4s 1990 M-S	—	—	3.60
Owensboro (City of)—			
Elec Lt & Pow rev ('51 ser)			
2½s 1964-68 M-S	b2.60 to 1.85%		—
2¾s 1969-78 M-S	b2.80 to 3.60%		—
Electric Light & Power rev			
Station No 2 series			
3.90s Jan 1 1991	103	104	—
Paducah 4½s w w 1970 A-O	b3.45 to 3.30%		—
Electric—			
4½s 1969	b3.10 to 3.00%		—
4¼s 1972	b3.20 to 3.10%		—
4s 1973-1978	b3.20 to 3.40%		—
3.90s 1979-1982	b3.50 to 3.65%		—
4s 1983-1985	b3.70 to 3.75%		—
3½s 1986-1988	b3.75 to 3.80%		—
LOUISIANA			
Louisiana Fiscal Authority—			
4¼s 1965-1982 J-J	b2.50 to 3.50%		—
4.30s 1983-1987 J-J	b3.50 to 3.75%		—
Fiscal Authority (series D)			
4½s 1964-1967 M-S	b1.70 to 2.40%		—
3⅜s 1968-1982 M-S	b2.50 to 3.50%		—
2½s 1983 M-S	—	—	3.55
Chef Menteur Hammond & New Orleans Highway—			
3½s ser C dated Jan 1 1938 matures in 5 yrs	b2.50	2.30%	—
Highway 3¾s series Q—			
Dated Jan 1 1937 matures in 4½ years	b2.50	2.30%	—
Refunding 3¼s dated Aug 1 1938 matures in 5 years	b2.40	2.25%	—
Institutional Improvement—			
1¾s ser B dated May 1 '46			
Matures in 5 years	b2.70	2.50%	—
Matures in 10 years	b3.00	2.80%	—
Highway 3¾s series S—			
Dated July 1 '37 due in 5 yrs	b2.50	2.30%	—
Highway 2½s series HH—			
Dated Jan 1 1947—			
Due in 5 years	b2.50	2.30%	—
Due in 10 years	b2.80	2.60%	—
Highway 2½s ser 1-B—			
Dated Nov 1 1949—			
Due in 5 years (opt at 102)	b2.50	2.30%	—
Highway 1½s series EE—			
Dated July 1 1943—			
Due in 5 yrs (opt at 100)	b2.70	2.50%	—
Public Bldg series C			
5s 1964-1970 M-S	b1.75 to 2.70%		—
4s 1971-1975 M-S	b2.75 to 3.05%		—
3¼s 1976-1984 M-S	b3.10 to 3.30%		—
Veterans refunding bonus—			
2¾s dated Jan 15 1953—			
Mature in 5 years	b2.50	2.30%	—
2.20s matures in 6 yrs	b2.60	2.40%	—
2.10s matures in 8 yrs	b2.80	2.60%	—
Board of Commissioners of the Port of New Orleans			
6s 1972-1976 J-J	b2.70 to 2.90%		—
3½s 1977-1995 J-J	b2.95 to Par		—
Ascension St James Bridge and Ferry Authority—			
4.45% bdge rev 2001 M-N	104	106	—
Atchafalaya Levee District—			
5s Sept 1964-72 M-S	b1.70 to 3.00%		—
Caddo Parish—			
Wide S D 2½s 1964-76	b1.85 to 3.10%		—
East Baton Rouge Parish—			
Consol Sch Dist No 1:			
2½s Feb 1 1966	99	100	—
Recreation & Park Com—			
2½s 1964-68 A-O	b1.70 to 2.70%		—
Greater Baton Rouge Port—			
2¾s ser A 1964-68 M-N	b1.80 to 2.80%		—
2.60s ser A 1969-73 M-N	b2.90	3.10%	—
2¾s ser A 1974-85 M-N	b3.20	3.60%	—
2.80s ser 1986-94 M-N	b3.70 to 3.80%		—
3¼s series B 1965-71 M-N	b2.20 to 2.90%		—
3.30s series B 1972-77 M-N	b3.00 to 3.30%		—
Greater New Orleans Exp'wy—			
4s Nov 1 1994	103	105	—
Mississippi River Bdge Auth—			
3.60 Bridge rev 1994 M-N	103	104	—
Monroe 2¼s 1965-72 M-N	b2.80 to 3.20%		—
New Orleans—			
4½s serial gold 1964-80	b1.80 to 3.30%		—
2¾s 1964-69 M-N	b1.80 to 2.80%		—
2½s 1970-89 M-N	b3.00 to 3.60%		—
Union Passenger Term Rev			
3s 1964-67 J-J	b1.80 to 2.70%		—
2¾s 1968-78 J-J	b2.80 to 3.20%		—
2½s 1979-87 J-J	b3.30 to 3.60%		—
2s 1998 J-J	—	—	3.75
Orleans Parish—			
School bonds series B—			
2¾s 1964-73 M-N	b1.80 to 2.90%		—
3s 1974-92 M-N	b3.00 to 3.80%		—
Shreveport—			
5s Dec 1 1964-69 J-D	b1.80 to 2.90%		—
1¾s 1964-67 J-J	b1.80 to 2.70%		—
MAINE			
3s 1964-1968 J-J	b1.60 to 2.10%		—
Gen Oblig 2¾s 1966-76 A-O	b1.90 to 2.10%		—
Gen Oblig H'way & Bdge—			
1.90s 1964-67 A-O	b1.70 to 2.00%		—
1½s Aug 1 1967	—	—	2.10
Bangor Water 3¾s Mar 1 1998	b3.50 to 3.70%		—
Maine School Bldg Auth—			
4½s 1972	—	—	2.70
Maine Turnpike Authority—			
4s rev ref & ext 1989 J-J	101½	102½	—
Portland (City of)—			
1¾s July 1 1964-69	b2.20	2.00%	—
1.60s 1964-1971 M-N	b2.60 to 2.75%		—
Portland Water District—			
2s 1970	—	—	2.55
2⅞s 1978	—	—	2.65
1¾s 1972	—	—	2.80
MARYLAND			
Bridge & Tunnel Revenue			
Term 3s Oct 1 1994	102	104½	—
Northeastern Expressway Rev			
4⅛s 2002 J-J	109	111	—
Certificates of Indebtedness—			
3¼s 1964-1974 J-J	b1.90 to 3.00%		—
3s 1964-1975 J-J	b2.00 to Par		
2⅝s 1966-1978 A-O	b1.80 to 2.75%		—
2⅜s 1964-1973 M-N	b1.90 to 3.00%		—
1¾s certificates of indebtedness 1964-68 J-D	bPar to 2.90%		—
1¼s 1964-66 M-S	bPar to 2.90%		—
State Roads Commission			
Revenue series E—			
2½s 1964-66 F-A	b2.40 to 3.00%		—
2.60s 1967-68 F-A	bPar to 3.00%		—
Allegany County—			
1.90s 1964-74 J-J	b2.00 to 3.70%		—
Anne Arundel County—			
2¼s 1964-66 M-N	b2.00 to 3.00%		—
2.40s 1968-73 M-N	b3.30 to 3.65%		—
1¾s 1969 M-S	—	—	3.60
Baltimore 3½s 1964-69	b1.75 to 2.50%		—
3½s water 1970-1981 M-N	b2.75 to 3.30%		—
1½s 1964-72 M-N	b1.70 to 3.40%		—
1½s 1976 M-N	—	—	3.60
1½s 1979 J-D	—	—	3.80
1¾s 1964-77 M-N	b1.75 to 3.70%		—
Baltimore County—			
1¾s 1964-65 M-N	b1.60 to 2.50%		—
Metropolitan District—			
1½s 1964-65 F-A	b1.75 to 2.75%		—
1.60s 1966-83 F-A	b2.90 to 3.80%		—
1½s 1965-76 M-N	b2.75 to 3.90%		—
Issues dated Jan 1 1950—			
2s Jan 1 1964-81	b1.90 to 3.90%		—
2¼s Jan 1 1982-87	b3.90 to 4.15%		—
Issue dated June 1 1951—			
2½s 1964-1991 J-D	b1.90 to 4.20%		—
Pub Fac 2.30s 1964-81 J-D	b1.90 to 4.15%		—
Hagerstown 1½s 1967	—	—	3.10
Hartford County (Public			
Sch Const) 2s 1964-73 J-J	b2.00 to 3.40%		—
Montgomery County—			
4½s 1964-68 M-N	b2.10 to 3.00%		—
3s 1964-68 M-S	b2.80 to 3.00%		—
Refunding of '45 series 8			
1½s 1964-73 M-S	bPar to 3.50%		—
Gen imp 2½s 1964-72 M-N	bPar to 3.50%		—
Prince George's County—			
1½s 1967	—	—	3.40
Washington Sub San Dist—			
2.70s Oct 1 1964-87	bPar to 4.00%		—
2.40s Aug 1 1964-67	bPar to 4.00%		—
2¼s 1964-68 J-D	bPar to 4.00%		—
MASSACHUSETTS			
Mass Authority Turnpike Rev			
(ser 1954) 3.30s May 1 '94	97	98	—
4¾s ser A Jan 1 2002	112	113	—
4-5s ser B Jan 1 2002	107¾	108¾	—
2¾s 1962-2005 F-A	b1.60 to 3.75%		—
2½s 1964-1976 F-A	b1.70 to 2.80%		—
3¾s 1964-1978 A-O	b1.70 to 2.90%		—
Tunnel Revenue—			
4¾s Apr 1 1999	112¾	113¾	—
Mass Port Authority—			
4¾s rev ser A 1998	113	114	—
Highway Imp & Capital outlay			
3½s Feb 1 1964-2009 F-A	b1.70 to 3.60%		—
3½s 1964-2010 A-O	b1.70 to 3.60%		—
Various Bonds—			
3.30s 1964-2009 A-O	b1.70 to 3.60%		—
3.10s capital outlay 64-77 A-O	b1.70 to 2.85%		—
3.10s various 1964-82 A-O	b1.70 to 3.10%		—
3s 1979-1998 J-D	b3.00 to 3.40%		—
3s May 1 1964-2002	b1.70 to 3.50%		—
2.80s May 1 1964-1983	b1.70 to 3.10%		—
2.30s Highway 1964-75 M-N	b1.70 to 2.90%		—
2¼s 1964-1978 J-D	b1.70 to 3.15%		—
1.90s 1964-67 M-S	b1.70 to 2.30%		—
1.70s 1964-70 M-S	b1.70 to 2.70%		—
1¾s 1964-79 J-J	b1.70 to 3.50%		—
1.60s 1964-69	b1.70 to 2.70%		—
Reg 1½s Jan 1 1964-1972	b1.75 to 3.15%		—
1.30s 1964-70	b1.90 to 3.00%		—
Reg 1s 1964-65 M-S	b2.20 to 2.40%		—
Guaranteed Housing Authority			
1¾s 1964-69 J-J	b1.70 to 2.70%		—
1¾s 1970-91 J-J	b2.70 to 3.80%		—
1⅞s 1964-91 A-O	b1.70 to 3.80%		—
2s Oct 1 1964-91	b1.70 to 3.70%		—
2⅛s 1964-92 A-O	b1.70 to 3.75%		—
2½s 1964-92 A-O	b1.70 to 3.65%		—
Veterans' Services Fund—			
1¾s 1964-65 M-N	b1.70 to 1.90%		—
2.40s 1964-66 M-N	b1.70 to 2.10%		—
Highway Imp & Met Sew—			
2.10s 1964-75 M-N	b1.70 to 3.15%		—

a Called for redemption, see page 94. f Flat price.

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STATE AND MUNICIPAL BONDS

QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

Bonds—	Yield Basis or To Bid	Ask	Net
Metropolitan Dist Wat Main—			
1.70s 1964-1981 M-N	b1.70 to 3.50%		--
Metropolitan Water Loan—			
2s reg 1964-68 J-J	b1.80 to 2.55%		--
1¼s 1964-66 M-S	b2.10 to 2.70%		--
1¾s 1964-69 J-J	b1.70 to 2.70%		--
1.70s 1964-77 A-O	b1.70 to 3.35%		--
Metropolitan Sewer Loan—			
1¼s 1964-68 M-S	b2.00 to 2.80%		--
1¾s Met Dist Wat 64-78 J-D	b1.70 to 3.40%		--
Capital Outlay bonds—			
3⅛s Oct 1 1964-1979	b1.70 to 3.00%		--
Metropolitan Water District—			
3.60s Oct 1 1964-1989	b1.70 to 3.30%		--
Boston—			
3s May 1 1992	--	--	3.60
2¾s 1964-1968 J-D	b1.80 to 2.70%		--
2¼s pub ways & sewers 1964-73 A-O	b1.80 to 3.30%		--
1¾s May 1 1964-77	b1.80 to 3.60%		--
1½s 1964-1976 J-D	b2.00 to 3.65%		--
1¼s 1964-78 F-A	b2.10 to 3.75%		--
Metropolitan District—			
1¼s 1964-69 M-S	b1.90 to 3.00%		--
1¾s 1964-69 F-A	b1.75 to 3.00%		--
1⅞s 1964-72 F-A	b1.75 to 3.10%		--
2s 1964-1980 J-D	b1.75 to 3.50%		--
Brockton 1½s 1964-70 M-N	b1.90 to 3.20%		--
Brookline 1½s 1964-79 J-D	b1.75 to 3.50%		--
Chicopee 2¾s 1964-68 M-N	b1.75 to 2.40%		--
Fall River (City of)—			
2s 1964-80 J-J	b1.75 to 3.60%		--
Framingham (Town of)—			
2.20s 1964-71 J-J	b1.75 to 2.80%		--
Gardner (City of)—			
2.20s 1964-71 J-J	b1.75 to 2.80%		--
Lexington (Town of)—			
1¾s 1964-1978 J-D	b1.80 to 3.60%		--
Lynn 2s 1964-69 M-S	b1.75 to 2.85%		--
Newton 2⅝s 1964-69 A-O	b1.70 to 2.40%		--
Pittsfield (City)—			
1.90s Vets Hous 1964-68 M-S	b1.70 to 2.75%		--
1.80s water 1964-68 J-J	b1.70 to 2.80%		--
Somerville 2½s 1964-69 J-J	b1.75 to 2.45%		--
Springfield—			
3.10s 1964-1981 J-J	b1.70 to 2.95%		--
2s new disp 1964-88 M-N	b1.70 to 3.45%		--
1.60s 1964-81 M-N	b1.70 to 3.50%		--
1¾s St & Sew 1964-79 J-D	b1.70 to 3.50%		--
Weymouth 1½s 1964-70 M-N	b1.90 to 3.00%		--
Worcester (City)—			
1¼s 1964-69 J-J	b1.90 to 2.90%		--

MICHIGAN

Veteran Bonds—			
1½s Mar 15 1965 opt 1952	--	--	2.00
1¼s 1964-65 M-S	b1.65 to 2.10%		--
Detroit Expressway series III			
5s 1964-1965 M-S	b1.80 to 2.10%		--
3½s 1966 M-S	--	--	2.20
3s 1967-1972 M-S	b2.30 to 2.80%		--
3¼s 1973-1978 M-S	b2.85 to 3.10%		--
3⅜s 1979-1982 M-S	b3.10 to 3.15%		--
3½s 1983-1984 M-S	b3.20 to 3.25%		--
Limited Access Highways—			
Revenue bonds series I			
2½s 1964-65 A-O	b1.60 to 2.00%		--
2s 1966-76 A-O	b2.15 to 3.25%		--
Limited Access Highway			
Dedicated Tax series 1952			
2s 1965-71 A-O	b2.00 to 2.85%		--
Grand Rapids Expressway—			
Limited access			
1¾s 1965-69 A-O	b2.15 to 2.90%		--
2s 1970-75 A-O	b2.90 to 3.25%		--
2¼s 1976-78 A-O	b3.25 to 3.30%		--
Highway Construction series I			
3s 1965-1979 A-O	b2.10 to 3.05%		--
Trunk Line H'way (series I)—			
4s 1964-1965 F-A	b1.70 to 2.10%		--
3s 1966-1970 F-A	b2.25 to 2.70%		--
3¼s 1971-1978 F-A	b2.75 to 3.10%		--
3⅜s 1979-1982 F-A	b3.10 to 3.15%		--
Trunk Line H'way (series II)			
5s 1964-1968 M-S	b1.70 to 2.50%		--
4s 1969-1971 M-S	b2.60 to 2.75%		--
4¼s 1972-1976 M-S	b2.80 to 3.10%		--
Trunk Line H'way (series VII)			
5s 1964-1967 M-N	b1.70 to 2.30%		--
3¼s 1968-1971 M-N	b2.50 to 2.75%		--
3½s 1972-1976 M-N	b2.80 to 3.05%		--
3¾s 1977-1982 M-N	b3.10 to 3.15%		--
3⅞s 1983-1986 M-N	b3.30 to 3.35%		--
Korean Veterans'—			
2¼s 1964-1966 J-D	b1.60 to 2.10%		--
1¾s 1967-1970 J-D	b2.50 to 2.90%		--
Detroit—			
Public Sewer bonds—			
2s Dec 15 1964-65	b1.80 to 2.10%		--
2¼s Dec 15 1966-76	b2.20 to 3.30%		--
1½s Dec 15 1977-78	--	--	3.90
Pub Sew Pub Imp & Util Ltg			
5s 1964-1972 F-A	b1.80 to 2.80%		--
4s 1972 F-A	--	--	2.80
4¼s 1973 F-A	--	--	2.85
4s 1973-1978 F-A	b2.85 to 3.10%		--
4¼s 1979-1982 F-A	b3.15 to 3.30%		--
1s 1983-1985 F-A	--	--	4.20
Lansing (City of)—			
Elec Plant 1½s '64-74 M-N	b1.60 to 3.40%		--
Mackinac Bridge Authority—			
4s Bdge rev ser A 1994 J-J	103½	106	--
5¼s Jan 1 1994	108	109½	--
Midland (Water Revenues)—			
1¾s-2s-2¼s-3s 1964-75 M-S	b1.70 to 3.25%		--
Muskegon (Water Revenue)—			
3½s-1¾s-2s 1964-80 J-J	b1.70 to 3.65%		--
Royal Oak (City of)—			
Ref 2¾s 1964-65 M-S	b1.85 to 2.10%		--
Ref 2½% to 1965 opt 3¾% to maturity	99	--	--
Ref 3s-3¾s 1970-73 optional 1960-61	99	--	--
Saginaw Water Revenue—			
1½s-1¾s-2s 1964-76 M-S	b1.75 to 3.75%		--
Wayne (County of)—			
4¼s water 1964-65 M-N	b1.75 to 2.00%		--
4s wtr 1966-68 opt '65 M-N	102¾	--	--

MINNESOTA

2¾s 1964-1983 F-A	b1.60 to 3.00%		--
Aeronautics ctfs of indebt—			
3.40s July 1 1964-1970	b1.50 to 2.40%		--
Trunk Highway			
2.90s 1964-1973 F-A	b1.50 to 2.50%		--
2½s 1964-1977 M-S	b1.50 to 2.85%		--
State Building ctfs—			
3.50% May 1 1964-1979	b1.50 to 2.80%		--
Rural Credit Def Fund—			
1.70s 1965-1967 J-J	99½	--	--
State Building Certificates—			
3s 1964-1976 F-A	b1.60 to 2.60%		--
Minneapolis—			
2.60s 1964-66 A-O	b1.50 to 1.90%		--
2½s 1964-67 M-S	b1.50 to 2.00%		--
2.30s various 1964-79 M-S	b1.50 to 2.75%		--
2.10s various 1964-79 M-S	b1.50 to 3.00%		--
2s ref 1964-69 M-S	b1.50 to 2.25%		--
1.90s 1964-74 M-N	b1.50 to 2.70%		--
Housing Authority—			
3⅛s 1964-2003 M-S	b1.40 to 3.15%		--
Minneapolis-St Paul—			
Metropolitan Airport Com—			
2s 1964-68 M-N	b1.50 to 2.25%		--
2¼s 1970-78 M-N	b2.35 to 3.00%		--
Olmsted County—			
Independent S D No 8			
1 & 1¼% 1964-67 J-J	b1.70 to 2.35%		--
St Paul—			
3¼s Aug 1 1965-1992	b1.85 to 3.25%		--
3.20s 1964-1989 F-A	b1.50 to 3.15%		--
2.40s Wat Wks 1969 M-N	--	--	2.20
2.30s Imp 1964-68 F-A	b1.50 to 2.10%		--
2.30s Imp 1970-78 F-A	b2.40 to 3.10%		--
2¼s 1964-1984 A-O	b1.50 to 3.25%		--
2.20s 1964-1969 J-J	b1.50 to 2.50%		--
2.20s 1970-1984 J-J	b2.30 to 3.25%		--

MISSISSIPPI

General oblig School ser D			
3¼s 1965-1968 M-N	103	104½	--
3½s 1969-1975 M-N	103½	105	--
River Bridge Authority—			
3.60s Nov 1 1994	103	105½	--
Highway Bonds—			
2⅜s 1964-1970 F-A	b2.90	2.80%	--
2½s 1964-1970 F-A	b3.00	2.80%	--
2.40s Aug 1 1971	b3.00	2.80%	--
2½s Feb and Aug 1 1972	b3.10	2.90%	--
2.60s Feb and Aug 1 1973	b3.10	2.90%	--
2.60s Feb and Aug 1 1974	b3.15	3.00%	--
3s 1964-1969 F-A	b3.10	2.90%	--
3.10s 1969-1971 F-A	99½	101½	--
3s 1964-1966 F-A	98½	100½	--
2.90s 1967 F-A	b3.10	2.90%	--

MISSOURI

State of Missouri—			
2¼s 1964-1971 M-S	b1.85 to 2.50%		--
2⅜s 1972-1977 M-S	b2.45 to 2.70%		--
State Bldg bonds series B—			
2¼s 1964-1975 M-N	b1.70 to 2.55%		--
2⅜s 1976-1979 M-N	b2.65 to 2.75%		--
Independence (Elec Lt Wks Rev)			
4¾s 1964-1972 J-J	b2.05 to 3.05%		--
4¾s 1973-87 opt 1972 J-J	b3.15 to 3.75%		--
Kansas City—			
3¾s various 1964-72	b2.00 to 2.65%		--
3s 1964-75 M-S	b2.00 to 2.65%		--
2¾s 1967 J-J	--	--	2.20
2¾s 1970-73 J-J	b2.50 to 2.65%		--
2½s 1964-75 A-O	b2.00 to 2.75%		--
Airport rev 4¼s 1964-79 J-J	b2.50 to 3.55%		--
Water Works Improvement			
1½s 1964-67 M-S	b2.00 to 2.95%		--
St Louis (City of)—			
2¾s Feb 1 1964-1977	b2.00 to 2.85%		--
Water Revenue 1963 issue)			
5s 1964-1973	b1.65 to 2.50%		--
3s 1974-1979	b2.55 to 2.80%		--
3.20s 1980-1992	b2.85 to 3.20%		--
Springfield—			
Public Util Rev series A—			
2s 2¼s & 2½s '64-69 M-N	b2.10 to 2.40%		--
Public Util Rev 1955 ser—			
2s 1966-72 A-O	b2.50 to 2.80%		--
2¼s 1973-82 A-O	b3.20 to 3.60%		--
Waterworks Rev (1957 ser)			
4½s 1991-1997 M-N	--	--	3.75

MONTANA

War Veteran's Compensation—			
2½s 1964	b1.70 less 1		--
3s 1972	99	--	--
Montana (State of)—			
1.60s Sep 1 1964-69 opt '59	b2.60 less 1		--
Cascade School District No 1 (Great Falls)—			
2s and 2¼s June 20 1964-68 opt '58	99	--	--
Helena High School District—			
2½s Jan 1 1973 opt 1963	98	--	--
Missoula County Sch Dist—			
2.40s Sept 1 1969 opt 1959	98	--	--
Silver Bow County S D No 1—			
(Butte) 3¾s July 1 '73 opt 63	99½	--	--
Yellowstone Co S D No 2—			
Billings 2.30s Feb 1 1974— optional 1964	b2.70 less 1		--

NEBRASKA

Central Neb Pub Power and Irrigation Dist Elec Rev—			
2⅝s 1964-72 M-S	b2.00 to 3.00%		--
2¼s 1973-77 M-S	b3.10 to 3.50%		--
Consumer Pub Power Dist—			
Consol Eastern System and Western System bonds—			
2s 1964-69 J-J	bpar to 2.90%		--
1¾s 1970-71 J-J	b3.00 to 3.05%		--
2¼s Jan 1972 J-J	b3.25 less 1		--
1st Issue of 1951—			
1½s 1964-67 J-J	b2.00 to 2.90%		--
1¾s 1968-81 J-J	b2.90 to 3.75%		--
First Issue of 1948—			
2¾s 1964-71 J-J	b1.90 to 2.70%		--
First Issue of 1949—			
2¼s 1964-71 J-J	b2.00 to 3.20%		--
Western System Revenue—			
First Issue of 1947—			
2¼s 1964-71 J-J	b2.00 to 3.20%		--
Western System Revenue—			
Issue of 1950—			
1¾s 1964-80 J-J	b1.90 to 3.75%		--
Loup River Pub Pow Dist—			
Elec rec ref & impr ser C			
3¼s 1964-89	b1.00 to 3.90%		--
Omaha (City of)—			
Pub Pow Dist (Elec Rev) Issued in 1949—			
2s 1964-69 F-A	b1.90 to 2.70%		--
2¼s 1970-79 F-A	b2.75 to 3.40%		--
Pub Pow Dist (Elec Rev) Issued in 1950—			
1¾s 1964-72 F-A	bpar to 3.00%		--
2s 1973-80 F-A	b3.00 to 3.70%		--

NEW HAMPSHIRE

3¼s Nov 1 1964-88 M-N	b2.00 to 3.20%		--
1⅞s 1964-1980 A-O	b2.00 to 3.40%		--
Highway—			
1.60s 1964-76 M-N	b2.00 to 3.25%		--
1.70s 1964-68 M-S	b2.00 to 3.00%		--
Turnpike 2¼s 1964-1983 M-S	b2.00 to 3.40%		--
Concord (City of)—			
4¼s U T D 1964-65 J-D	b2.00 to 2.60%		--
Manchester—			
1½s Aug 1 1964-68	b2.00 to 2.50%		--

NEW JERSEY

H'ghway Auth (Garden State Parkway)—			
State-Guar Parkway ser A—			
3s 1964-85 J-J	b1.60 to 3.00%		--
2¾s 1986-88 J-J	--	--	3.05
State Guar Parkway ser B			
3s 1964-68 J-J	b1.60 to 2.15%		--
2¾s 1969-71 J-J	b2.20 to 2.35%		--
2½s 1972-77 J-J	b2.50 to 2.85%		--
2¾s 1978-83 J-J	b2.80 to 3.00%		--
2⅞s 1984-88 J-J	b3.00 to 3.05%		--
State Higher Education—			
4s 1964-1967 J-J	b1.60 to 2.00%		--
3¼s 1968-1970 J-J	b2.10 to 2.30%		--
3⅜s 1971-1973 J-J	b2.40 to 2.55%		--
3.40s 1974-1975 J-J	--	--	2.65
Revenue			
3¼s series C 1988 J-J	95	97	--
4⅜s ser D & E 1988 J-J	105	107	--
Turnpike Authority—			
Rev 3.20 ('51 issue) '86 J-J	99	101	--
Revenue 3¼s Jan 1 1985	100	102	--
3⅜s 2nd series 1988 J-J	101¼	103¾	--
2s 2nd series B 1988 J-J	95	98	--
2.80s 2nd series B 1988 J-J	92	95	--
Highway Extension—			
4½s ser B of '30 July '64-67	b1.60 to 2.00%		--
3¼s ser C of '30 Nov '64-69	b1.60 to 2.20%		--
Institutional Construction—			
3½s series A July 1964-66	b1.60 to 1.90%		--
4½s series B July 1964-67	b1.60 to 2.00%		--
4s series C April 1964-69	b1.60 to 2.25%		--
2¾s ser D May 1964-70	b1.60 to 2.35%		--
1.20s Nov 1 1964-65	b2.00 to 2.25%		--

b Basis. f Flat price. n Nominal.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

Bonds—	Yield Basis or To Bid	Ask	Net
Highway Improvement—			
2½s series F July 1964-83	b1.60 to 3.20%		--
Recreation, Conservation etc—			
4.15s 1965-1968 M-S	b1.85 to 2.15%		--
3s 1969-1983 M-S	b2.25 to 3.00%		--
3.20s 1986-1991 M-S	b3.05 to 3.15%		--
2s 1992 M-S	--	--	3.60
State Institution Constr—			
1.90s 1964-68 M-N	b1.60 to 2.40%		--
State Teachers' College—			
1¾s 1964-65 F-A	--	--	2.25
1¾s 1966-68 opt 1965 F-A	--	--	2.50
Water Development—			
4s 1964-1968 J-D	b1.60 to 2.20%		--
3s 1969-1974 J-D	b2.30 to 2.60%		--
3¼s 1975-1979 J-D	--	--	2.90
3¼s 1980-1984 'opt '75 J-D	--	--	3.00
Wat Dev Series B—			
3½s 1968-1971 A-O	b2.20 to 2.40%		--
3s 1972-1977 A-O	b2.45 to 2.70%		--
3.10s 1978-1984 A-O	b2.80 to 3.05%		--
3¼s 1985-1988 A-O	--	--	3.00
Atlantic City—			
Ref bonds of 1944			
3¼s 1964-67	100	101	--
3s Dec 1 '67 opt '48 to '54	99½	100	--
4½s gen imp 1964-79 A-O	b1.80 to 3.40%		--
Bayonne—			
4¼s school 1964-67 F-A	b1.90 to 2.60%		--
Sewage Disp Sys (ser B)			
3½s 1964-93 M-N	b1.90 to 3.75%		--
Bergen County—			
Sewer Authority			
2½s 1964-65 J-D	b1.70 to 2.10%		--
2¾s 1966-76 J-D	b2.25 to 3.30%		--
2.70s 1977-89 J-D	b3.35 to 3.60%		--
Sewer System series F			
6s 1964-1968 J-D	b1.70 to 2.60%		--
3¼s 1969-1974 J-D	b2.60 to 2.90%		--
3½s 1975-1989 J-D	b2.90 to 3.35%		--
3.60s 1990-1997 J-D	b3.35 to 3.50%		--
Bloomfield 4¼s 1964-1968 J-D	b1.65 to 2.30%		--
Camden—			
4½s water 1964-69 M-N	b1.70 to 2.60%		--
4s 1964-70	b1.90 to 2.85%		--
Ref 3.40s 1967-70 J-D	b2.50 to 2.85%		--
Camden County—			
4¼s 1964-70 J-J	b1.70 to 2.60%		--
4s 1964-68	b1.70 to 2.50%		--
Camden (Housing Author)—			
2⅝s June 1989	b3.40	3.25%	--
Clifton 3s 1964-75 F-A	b1.70 to 2.90%		--
2¼s 1964-78 M-N	b1.70 to 3.25%		--
East Orange—			
4½s 1964-1969 J-D	b1.70 to 2.50%		--
3s school 1964-74 A-O	b1.70 to 2.90%		--
Elizabeth—			
2¾s 1964-1978 M-S	b1.65 to 3.25%		--
6s 1964-72 J-J	b1.70 to 2.90%		--
Essex County—			
1.70s 1964-87 A-O	b1.65 to 3.60%		--
1.40s 1964-90 M-N	b1.65 to 3.75%		--
Glen Ridge—			
4¼s Mun Bldg 1964-70 F-A	b1.65 to 2.60%		--
1¾s sch dist 1964-85 M-S	b1.65 to 3.65%		--
Gloucester City—			
5¼s water 1964-66 M-S	b1.90 to 2.50%		--
Hackensack 3s 1964-66 M-S	b1.70 to 2.25%		--
Hamilton (Township)—			
3½s sewer 1964-1978 J-D	b1.75 to 3.10%		--
Hudson County—			
4½s 1964-78 M-N	b1.75 to 3.15%		--
2.65s 1964-70 M-N	b1.75 to 2.60%		--
Jersey City—			
5s 1964-69 A-O	b2.00 to 3.00%		--
4¼s 1964-1967 J-D	b2.00 to 2.90%		--
4s 1964-1987 J-D	b2.00 to 3.70%		--
Hospital 2.60s 1964-76 M-N	b2.00 to 3.75%		--
Water 2.60s 1964-76 M-N	b1.75 to 3.15%		--
Water Series D—			
2s 1964-71 M-N	b1.75 to 3.25%		--
Sewer Authority 1st ser—			
3¼s 1966-1992 J-J	b3.15 to 3.80%		--
Kearny—			
4½s water 1964-70 J-D	b1.75 to 2.70%		--
5½s 1964-70 J-D	b1.75 to 2.80%		--
Linden 2.45s 1964-85 M-N	b1.75 to 3.50%		--
1.60s 1964-69 M-N	b1.80 to 3.40%		--
Maplewood (Township)—			
4s 1964-1967 J-D	b1.75 to 2.50%		--
Middlesex (Borough)—			
3¾s 1964-67 J-J	b2.00 to 2.85%		--
Montclair 2½s 1964-70 M-N	b1.75 to 2.80%		--
Morristown—			
4s 1964-69 M-N	b1.75 to 2.65%		--
Newark 6s 1964-72 M-S	b1.75 to 2.90%		--
4½s 1964-83 F-A	b1.75 to 3.30%		--
4s 1964-1970 J-D	b1.75 to 2.70%		--
3.10s April 1 1964-77 A-O	b1.75 to 3.05%		--
2¾s Jan 15 1964-76 J-J	b1.75 to 3.20%		--
2.40s 1964-1974 M-N	b1.75 to 3.15%		--
2¼s 1964-1968 J-J	b1.75 to 2.75%		--
2.20s 1964-1967 J-D	b1.75 to 2.75%		--
1.60s Aug 15 1964-70	b1.75 to 3.20%		--
Housing Authority—			
3⅛s 1964-1997 A-O	b1.50 to 3.25%		--
New Brunswick—			
4½s sch & wat '64-69 J-D	b1.75 to 2.70%		--
4½s 1964-67 J-D	b1.75 to 2.60%		--
North Bergen—			
Refunding of 1945—			
2¼s 1964 J-D	99	100	--
2¼s 1967 J-D	93	95	--
Passaic—			
4¼s water 1964-70 J-J	b1.75 to 2.70%		--
Passaic County—			
4¼s 1964-1970 J-D	b1.60 to 2.50%		--
Paterson—			
4½s 1964-1968 A-O	b1.85 to 2.70%		--
1.20s 1964-1969 F-A	b2.60 to 3.35%		--
Perth Amboy—			
5s Feb 1964-77 F-A	b2.00 to 3.45%		--
Plainfield 1½s 1964-70 F-A	b2.40 to 3.30%		--
Ridgewood 4¼s 1964-68 M-N	b1.65 to 2.40%		--
South Jersey Port District—			
Marine Terminal—			
4½s 1964-1973 A-O	b2.00 to 3.15%		--
South Orange—			
4¼s 1964-70 J-D	b1.60 to 2.55%		--
4½s 1964-1967 J-D	b1.60 to 2.35%		--
Tenafly 1.20s 1964-74 F-A	b2.45 to 3.50%		--
Trenton—			
3s gen imp 1964-67 M-N	b1.60 to 2.35%		--
3s 1964-70 A-O	b1.60 to 2.50%		--
2¾s gen fd & ref '64-68 F-A	b1.60 to 2.40%		--
2¾s ref 1964-66 A-O	b1.60 to 2.25%		--
2½s Em House 1964-71 M-N	b1.60 to 2.55%		--
1⅞s 1964-74 J-D	b1.60 to 3.30%		--
Union County—			
2.80s June 1 1964-1965	b1.75 to 2.00%		--
Union Township School Dist—			
4½s 1964-68 J-J	b1.70 to 2.50%		--
2.40s Sch Dist 1964-67 J-D	b1.70 to 2.40%		--
Weehawken 3½s 1964-70 J-J	b1.70 to 2.70%		--
Westfield—			
4¼s 1964-66 A-O	b1.75 to 2.40%		--
West New York—			
4½s Oct 1 1964-68 A-O	b1.90 to 2.85%		--

NEW MEXICO

Highway Debentures—			
2.30s Mar 1 1965	--	--	2.00
2¼s Mar 1 1966	--	--	2.10
Severance Tax—			
2s July 1 1964-65	b99¾	2.55%	--
Building Institution—			
1⅞s July 1 1964-65	b1.80 to 2.15%		--
Albuquerque—			
2¼s 1964-70 J-D	b2.00 to 3.00%		--

NEW YORK

State Canal Improvement—			
4½s Jan 1 1964 J-J	b1.65 less	⅛	--
4¼s Jan 1 1965 J-J	b1.80 less	⅛	--
4s Jan 1 1966 J-J	b1.90 less	¼	--
4s Jan 1 1967 J-J	b2.10 less	½	--
Barge Canal 5s 1971 J-J	b2.40 less	½	--
Grade Crossing Elimination—			
1.50s 1969-71 opt 1968 J-D	b2.70 to 2.95%		--
Highway Improvement—			
4¼s March 1 1965 M-S	b1.90 less	⅛	--
4s Sept 1 1965 M-S	b1.90 less	⅛	--
4s March 1 1967 M-S	b2.10 less	½	--
Housing Finance Agency			
General housing loan '61 A			
4s 2004 M-N	105½	--	--
Power Author 3.20s 1995 J-J	97	100	--
General Revenue series F—			
4.20s Jan 1 2006 J-J	106¼	108¼	--
General revenue series G—			
4s 1965-1969 J-J	b2.20 to 2.50%		--
3¼s 1970-1974 J-J	b2.60 to 2.90%		--
4s 1975-1979 J-J	b3.20 to 3.30%		--
General revenue series H—			
4⅛s Jan 1 2006	109½	111½	--
4⅜s Jan 1 2006	111½	112½	--
General revenue series J—			
3¾s Jan 1 2006	106	107	--
Southern State Pkwy Rev—			
Jones Beach State Pkwy			
Auth 2⅞s Nov 1 1988	95	--	--
N Y Thruway Authority—			
State Guaranteed—			
2½s June 1 1971	b2.40 less	¾	--
2½s June 1 1973	b2.50 less	¾	--
2½s June 1 1975	b2.65 less	¾	--
2.60s June 1 1977-78	b2.75 to 2.80%		--
2.70s June 1 1980-81	b2.85 to 2.90%		--
2¼s June 1 1982-84	b3.30 to 3.40%		--
Thruway Authority (2nd issue)			
2½s Oct 1 1971	b2.40 less	¾	--
2½s Oct 1 1975	b2.65 less	½	--
2.60s 1976 A-O	b2.65 less	½	--
2.70s 1977-1978 A-O	b2.70 to 2.75%		--
2¾s 1979-1980 A-O	b2.80 to 2.85%		--
2¾s 1981-1984 A-O	b2.90 to 3.05%		--
Thruway Authority—			
3.10s July 1 1994 J-J	93¾	96¼	--
4.15s July 1 1996	110	112	--
Thruway Authority—			
Gen Revenue series B—			
2¼s 1964-69 J-J	b2.10 to 2.60%		--
2⅜s 1970-79 J-J	b3.00 to 3.50%		--
2.70s July 1 1994	84	85½	--
Thruway Authority—			
Gen Revenue series C—			
6s 1966-1968 J-J	b2.10 to 2.40%		--
5¼s 1969 J-J	--	--	2.50
3¾s 1970-1973 J-J	b2.75 to 3.00%		--
3.90s 1974-1979 J-J	b3.05 to 3.30%		--
Thruway Authority—			
Gen Revenue series D			
3.60s July 1 1996	103	104	--
6s 1967-1970 J-J	b2.40 to 2.65%		--
3s 1971 J-J	--	--	2.65
3.10s 1972 J-J	--	--	2.75
3¼s 1973-1977 J-J	b2.85 to 3.05%		--
3.30s 1978-1979 J-J	b3.10 to 3.15%		--
3.40s 1980-1985 J-J	b3.30 to 3.35%		--
Thruway Author (3rd issue)			
2½s 1985-89 J-J	b3.25 to 3.30%		--
2.45s 1990 J-J	--	--	3.50
2.60s 1991-92 J-J	--	--	3.35
2½s 1993-95 J-J	--	--	3.40
Thruway Author (4th issue)			
2¾s Jan 1 1985-91	b3.10 to 3.30%		--
2.70s Jan 1 1992-93	b3.40 less	¾	--
2¾s Jan 1 1994-95	--	--	3.30
Thruway Author (6th issue)			
3s Jan 1 1985 J-J	--	--	3.05
3.05s Jan 1 1986 J-J	b3.10 less	¾	--
3.15s Jan 1 1987 J-J	--	--	3.10
3.20s Jan 1 1988-90 J-J	--	--	3.10
3.15s Jan 1 1991 J-J	--	--	3.10
3.10s Jan 1 1992-95 J-J	--	--	3.15
Thruway Auth (7th issue)—			
3½s 1985-1990 J-J	b3.00 to 3.10%		--
3.40s 1991-1992 J-J	--	--	3.15
3.45s 1993-1995 J-J	--	--	3.15
Various purposes—			
3¼s March 15 1981 M-S	--	--	2.90
3s March 25 1987 M-S	b3.05 less	¾	--
1¾s April 1979 A-O	--	--	3.45
1.60s June 18 1984	b3.50 less	¾	--
1½s Aug 1 1965 F-A	--	--	2.05
1½s Dec 4 1980 J-D	b3.50 less	¼	--
1½s Dec 3 1981 J-D	--	--	3.50
1¼s Dec 1 1996/88	b3.85	3.70%	--
1¾s June 15 1990	b3.75	3.60%	--
2¼s Dec 1 1985	b3.40	3.25%	--
2¼s Dec 1 1990/88	b3.55	3.40%	--
2½s Dec 1 1970	b2.55	2.35%	--
2½s Jan 15 1978	b2.95	2.85%	--
2½s Jan 15 1985	b3.35	3.25%	--
2½s Jan 15 1991	b3.45	3.35%	--
3s July 1 1979	b2.95	2.80%	--
3s July 1 1983	b3.10	3.00%	--
3½s March 15 1981	b3.05	2.90%	--
4s March 1 1967	b2.15	2.00%	--
4¼s Jan 1 1965	b2.00	1.75%	--
4½s Sept 1 1963	b1.75	1.50%	--
4½s Jan 1 1964	b1.80	1.60%	--
5s March 1 1965	b2.00	1.75%	--
Albany County—			
1.90s 1964-68 J-D	b1.70 to 2.80%		--
Albany (City of)—			
4½s 1964-69 M-N	b1.70 to 2.50%		--
4½s 1964-70 J-D	b1.70 to 2.60%		--
3½s 1964 J-D	b1.70 to 1.90%		--
2¼s 1964-73 M-S	b1.70 to 3.10%		--
2¼s 1964-73 M-S	b1.70 to 3.10%		--
1.70s 1964-79 M-N	b1.70 to 3.70%		--
Binghamton 4½s 1964-71 A-O	b1.60 to 2.60%		--
Buffalo—			
4½s 1964-1967 A-O	b1.65 to 2.40%		--
2.90s 1964-1975 M-N	b1.65 to 2.90%		--
1.70s 1964-1981 J-D	b1.65 to 3.40%		--
Various purposes			
2.70s 1964-1976 J-J	b1.65 to 3.00%		--
Sewer Authority—			
2.10s ser I 1964-67 M-N	b1.65 to 2.20%		--
1⅞s ser J 1965-66 M-S	b2.20 to 2.30%		--
Erie County—			
2¾s gen imp 1964-83 F-A	b1.55 to 3.00%		--
Freeport—			
2.20s sewer 1964-66 A-O	b1.80 to 2.60%		--
Greenburgh Un Sch Dis No 9			
4.40s 1964-1965 J-D	b1.75 to 2.30%		--
Hempstead 2.30s 1964-67 J-J	b1.75 to 2.70%		--
Central High Sch Dist No 1			
2.80s 1964-84 F-A	b1.75 to 3.75%		--
Hempstead—			
Union Free School District			
No 16 2.20s 1964-72 J-J	b1.75 to 3.50%		--
Mamaroneck 3.90s 1964-68 J-J	b1.70 to 2.60%		--
Mineola (V) 4.40s 1964-68 J-J	b1.75 to 2.75%		--
Mount Vernon—			
4¼s school 1964-72 M-N	b1.70 to 3.00%		--
Nassau County—			
4.20s 1964-86 M-S	b1.70 to 3.35%		--
3.90s 1964-1989 J-J	b1.70 to 3.40%		--
3.60s 1964-1990 J-D	b1.70 to 3.40%		--
3½s 1964-87 J-D	b1.70 ot 3.35%		--
3.40s 1964-85 A-O	b1.70 to 3.30%		--
3.10s 1964-1991 M-S	b1.70 to 3.40%		--
2½s revenue 1975 M-S	94	--	--
2½s 1964-82 A-O	b1.70 to 3.70%		--
2.10s imp 1964-79 F-A	b1.70 to 3.75%		--
2s 1964-80 M-S	b1.70 to 3.90%		--
1.60s 1964-89 M-S	b1.75 to 4.00%		--
New Rochelle—			
4½s 1964-65 M-N	b1.70 to 2.25%		--
1.80s 1964-68 M-S	b1.70 to 2.80%		--

‡Bid price to option date. a Less 1. b Basis. c Less ½. d Less 1⅛. g Less ¾. f Flat price.

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Bonds—	Yield Basis or To Bid	Ask	Net
New York City (various)—			
4½s Dec 1 1979	114½	116½	--
4½s Dec 15 1971	111	113	--
4½s July 1 1967	107½	108½	--
4½s June 1 1965	103¾	104¾	--
4¼s March 1 1981	111½	113½	--
4¼s Nov 15 1978	110¾	112¾	--
4¼s Jan 1 1977	110	112	--
4¼s Feb 15 1976	110	112	--
4¼s June 1 1974	110	112	--
4¼s April 15 1972	108¾	110¾	--
4¼s April 1 1966	104¾	105¾	--
4¼s March 1 1964	101⅜	101¾	--
4s Oct 1 1980	108	110	--
4s May 1 1977	107½	109½	--
3½s Jan 15 1976	103	105	--
3¼s July 1 1975	100½	102½	--
3s June 1 1980	99	99¾	--
3s Feb 1 1979	98¾	99¾	--
3s Jan 1 1977	99	100	--
2¾s July 15 1969	99½	101	--
New York City Housing Auth—			
2s March 1 1990-2000	b4.00	3.85%	--
2¼s March 1 1990-2000	b3.90	3.75%	--
2½s May 1 1985-1995	b3.85	3.70%	--
2¾s June 1 1991-1999	b3.70	3.55%	--
3s June 1 1986-1990	b3.55	3.40%	--
4s Jan 1 1995-1997	b3.65	3.55%	--
Niagara Falls—			
3.10s Apr 1 1964-78 A-O	b1.50 to 2.95%		--
3.20s pub imp 4-1-64-67 J-D	b1.50 to 2.30%		--
2¾s June 1 1964-79 J-D	b1.50 to 3.05%		--
1.80s wat Nov 1 64-80 M-N	b1.50 to 3.55%		--
Niagara Falls City S D—			
3.10s Apr 1 1964-78 A-O	b1.50 to 3.00%		--
2.90s Apr 1 1964-87 A-O	b1.50 to 3.30%		--
2.30s Mar 1 1964-83 M-S	b1.50 to 3.30%		--
1.90s Jan 1 1964-78 J-J	b1.50 to 3.45%		--
Onondaga County—			
3s highway Feb 1 64-76 F-A	b1.50 to 2.80%		--
Port of New York Authority			
Consolidated—			
4¼s Oct 1 1989	110	112	--
3¾s Oct 1 1987	103	105	--
3⅝s Feb 1 1989	101½	103½	--
3½s Nov 1 1991	99½	101½	--
3.40s Oct 1 1993	99	101	--
3.40s Feb 1 1987	100½	102½	--
3.40s Sept 1 1986	100½	102½	--
3⅜s May 1 1994	98½	99½	--
3⅜s Dec 1 1993	98¾	99¾	--
3⅜s May 1 1988	99½	100½	--
3¼s Sept 1 1993	97½	99	--
3s May 1 1986	96	98	--
3s Nov 1 1982	97	98½	--
2.90s Dec 1 1983	92½	94	--
2¾s April 1 1985	87½	89½	--
2¾s Sept 1 1984	87½	89½	--
Air Terminal—			
2½s Oct 1 1979	92	94	--
Air & Marine Terminal—			
2.20s Dec 1 1980	85	87	--
General & Refunding—			
2s Aug 15 1974	97½	99	--
1¾s April 1 1985	71	73	--
1½s April 1 1985	67½	69	--
1¼s March 1 1986	61	63	--
Schenectady—			
3.60s wtr May 1 '64-91 M-N	b1.50 to 3.40%		--
3.60s gen imp 2-1-64-89 F-A	b1.50 to 3.35%		--
3s sewer May 1 '64-69 M-N	b1.50 to 2.40%		--
1¾s sewer Jun 1 '64-76 J-D	b1.50 to 3.45%		--
Schenectady City S D—			
2¾s Feb 1 1964-83 F-A	b1.50 to 3.10%		--
Schenectady County—			
3s hosp bldg Jul 1 '64-89 J-J	b1.50 to 3.35%		--
Syracuse—			
2.20s hway 3-1-64-72 M-S	b1.50 to 2.85%		--
Syracuse Housing Authority—			
Ref 1st issue series A—			
2.10s Aug 15 1965	--	--	2.05
2s Aug 15 1966-67	b2.10 to 2.20%		--
2.10s Aug 15 1968-70	b2.30 to 2.50%		--
2s Aug 15 1971-73	b2.60 to 2.80%		--
2.10s Aug 15 1974-79	b2.90 to 3.25%		--
Syracuse New Hsg Auth—			
3½s Dec 1 1964-2000 J-D	b1.50 to 3.35%		--
Tonawanda (City)—			
4s imp Apr 1 1964-88 M-S	b1.60 to 3.40%		--
3¾s May 1 1964-78 M-N	b1.60 to 3.00%		--
Tonawanda (Town)—			
3¼s Apr 1 1964-86 A-O	b1.50 to 3.40%		--
3.10s sew Jun 1 1964-76 J-D	b1.50 to 3.00%		--
Tonawanda City S D—			
3¼s Jun 1 1964-86 J-D	b1.50 to 3.40%		--
Triborough Bridge & Tunnel Authority Revenue—			
2⅛s July 1 1965	b2.10	1.90%	--
2⅛s July 1 1967	b2.30	2.15%	--
2⅛s July 1 1969	b2.50	2.40%	--
3½s Jan 1 1985	104	105	--
3¾s Jan 1 1985	105¼	106¼	--
4s Jan 1 1985	108½	110½	--
Troy—			
3.70s May 1 1964-82 M-N	b1.50 to 3.20%		--
3½s Mar 1 1964-79 M-S	b1.50 to 3.10%		--
4s water Mar 1 1964-77 M-S	b1.50 to 3.00%		--
2.90s serially to 1977 A-O	b1.50 to 3.05%		--
Watertown—			
2.70s Apr 1 1964-76 A-O	b1.50 to 3.00%		--
1.60s sch Jan 1 1964-79 J-J	b1.00 to 3.60%		--
Watertown City S D—			
3.20s sch Nov 1 '64-87 M-N	b1.50 to 3.40%		--
Westchester County—			
3.20s Oct 1 1964-81 A-O	b1.50 to 2.90%		--
2.30s Sept 1 1964-83 M-S	b1.50 to 3.25%		--
4s June 1 1964-80 J-D	b1.50 to 2.90%		--
4¼s June 1 1964-81 J-D	b1.50 to 2.95%		--
2.10s Oct 1 1964-81 A-O	b1.50 to 3.35%		--
2.70s July 1 1964-81 J-J	b1.50 to 3.15%		--
Yonkers—			
4s July 1 1964-79 A-O	b1.50 to 3.10%		--
3.90s June 1 1964-77 A-O	b1.50 to 3.00%		--
2¾s May 1 1964-78 A-O	b1.50 to 3.25%		--
3¾s Aug 1 1964-76 A-O	b1.50 to 2.95%		--

NORTH CAROLINA

Bonds—	Yield Basis or To Bid	Ask	Net
Issues dated Oct 1 1950—			
1⅜s April 1 1965-70	b1.95 to 2.65%		--
Capital Improvement—			
3½s 1965 M-N	--	--	1.80
3¼s 1966-1979 M-N	b1.90 to 2.65%		--
Road bonds dated July 1 1949			
1¾s Jan 1 1968-69	b2.30 to 2.40%		--
Secondary Road—			
1½s Jan 1 1965-69	b1.80 to 2.50%		--
1¼s Jan 1 1970	--	--	2.75
Secondary road of Jan 1 '51			
1½s 1964-81 J-J	b1.50 to 3.25%		--
1¾s 1964-66 J-J	b1.50 to 1.95%		--
2s 1967-70 J-J	b2.00 to 2.35%		--
Asheville—			
2¾s-4s gen ref July 1 1976	102	103	--
Buncombe County—			
2¾s-4s gen ref July 1 1976	102	103	--
Charlotte—			
4¼s 1964-70 M-N	b1.60 to 2.40%		--
4¼s 1964-79 M-N	b1.60 to 3.00%		--
3s 1964-77 F-A	b1.60 to 2.80%		--
2½s 1964-66 M-N	b1.60 to 2.05%		--
2¼s 1964-72 A-O	b1.60 to 2.70%		--
2½s 1973-80 A-O	b2.65 to 3.20%		--
Issues dated Nov 1 1953—			
2⅛s 1965-75 M-N	b1.95 to 3.10%		--
2¾s 1976-85 M-N	b2.75 to 3.30%		--
Durham (City of)—			
Municipal Improvement—			
2½s 1964-78 F-A	b1.55 to 3.00%		--
2¼s 1979-83 F-A	b3.10 to 3.30%		--
Durham (County of)—			
1½s 1964-1969 J-D	b1.60 to 2.80%		--
Elisabeth City (pub imp)—			
3¼s 1964-67 A-O	b1.75 to 2.60%		--
3s 1968-70 A-O	b2.70 to 2.90%		--
High Point (refunding)—			
3¾s 1964-69 M-N	b1.60 to 2.30%		--
3½s 1970-75 M-N	b2.40 to 2.65%		--
5s water ser 1964-68 J-D	b1.60 to 2.20%		--
1½s April 1 1964-66	b1.65 to 2.50%		--
Kinston (El Lt & Street Imp)			
2¼s 1964--68 J-D	b1.70 to 2.35%		--
2s 1967-71 J-D	b2.50 to 2.90%		--
Macklenburg County—			
1¾s 1964-1965 J-D	b1.65 to 2.10%		--
2s 1966-75 J-D	b2.05 to 3.25%		--
Raleigh 4½s 1964-67 A-O	b1.60 to 2.10%		--
3s 1964-70 A-O	b1.60 to 2.40%		--
Rocky Mount—			
Water and sewer bonds—			
2½s 1964-70 J-J	b1.70 to 2.50%		--
2¼s 1971-80 J-J	b2.90 to 3.45%		--
Wilmington—			
Water Works Extension—			
3¾s-2s-1½s 1964-80 A-O	b1.70 to 3.50%		--
Wilson (Town of)—			
2¼s 1964-65 A-O	b1.70 to 2.00%		--
2½s 1964-78 A-O	b1.70 to 3.25%		--
Winston-Salem—			
4½s 1964-73 M-N	b1.60 to 2.50%		--
2s refunding 1964-68 J-J	b1.60 to 2.20%		--
1¾s refunding 1969-73 A-O	b2.10 to 3.05%		--

OHIO

Bonds—	Yield Basis or To Bid	Ask	Net
General Obligations—			
Construction—			
3¼s 1964-1966 J-D	b1.50 to 2.10%		--
3s 1967-1971 J-D	b2.15 to 2.35%		--
2.85s 1972-1974 J-D	b2.45 to 2.50%		--
Korean Conflict Compensation			
3s May 15 1964-72	b1.50 to 2.40%		--
Turnpike Revenue No 1—			
3¼s June 1 1992	99¾	101¾	--
Major Thorofare Construction			
Serial L—			
3¼s 1964-1969 M-S	b1.50 to 2.35%		--
3.40s 1970-1972 M-S	b2.40 to 2.60%		--
Series C 3s 1965-1972 M-S	b1.90 to 2.60%		--
Akron (City of)—			
3s var purpose '64-83 M-N	b1.80 to 3.30%		--
Cincinnati—			
5s July 1 1965 J-J	b2.10 to 2.00%		--
2¼s Sept 1 1964-76	b1.50 to 3.15%		--
2s school 1964-72 M-S	b1.50 to 3.25%		--
2s 1964-90 M-S	b1.50 to 3.45%		--
1¾s water wks 1964-70 M-S	b1.50 to 2.90%		--
1¾s school 1964-73 M-S	b1.50 to 3.00%		--
Limited tax improvement			
2½s 1964-78 M-S	b1.50 to 3.00%		--
Unlimited tax bonds—			
3¼s 1964-1984 J-D	b1.50 to 2.95%		--
3½s 1964-1989 J-D	b1.50 to 3.10%		--
Cleveland—			
5½s 1964-1970 J-D	b1.70 to 2.60%		--
4s w w 1964-1968 J-D	b1.70 to 2.50%		--
2¾s 1964-1983 M-S	b1.70 to 3.50%		--
2½s 1964-1973 M-S	b1.70 to 2.90%		--
1¾s 1964-72 M-N	b1.70 to 3.10%		--
1½s 1964-1971 M-S	b1.70 to 3.30%		--
Waterworks Extension—			
1st mtge revenue			
2s 1964-1965 F-A	b1.70 to 2.10%		--
2¼s 1966-72 Aug 1	b1.70 to 2.40%		--
Waterworks Extension—			
1st mtge rev ser D—			
2s 1964-1972 F-A	b1.70 to 3.20%		--
2¼s 1973-1976 F-A	b2.50 to 3.25%		--
Columbus—			
2¼s 1964-1980 J-J	b1.50 to 3.50%		--
2s 1964-1974 A-O	b1.50 to 3.30%		--
1½s 1964-72 M-N	b1.60 to 3.40%		--
Unlimited tax bonds—			
3½s 1964-1997 A-O	b1.50 to 3.35%		--
Limited tax bonds—			
3½s 1964-2001 A-O	b1.60 to 3.50%		--
Waterworks 2s 1964-87 M-S	b1.60 to 3.75%		--
Various purposes			
3½s Jan 1 1964-1986	b1.50 to 3.25%		--
Cuyahoga County—			
1¾s Co Bldg 1964-68 A-O	b1.75 to 3.00%		--
2s Rd imp 1964-73 A-O	b1.75 to 3.25%		--
County Offices Bldg ser B			
2s 1964-1969 A-O	b1.75 to 3.10%		--
Dayton 2¼s Nov 1 1964-73	b1.60 to 3.20%		--
1¾s S D bldgs '64-72 M-N	b1.65 to 3.25%		--
Franklin County 1s '64-68 M-S	b2.00 to 3.30%		--
Hamilton—			
City 1½s 1964-71 M-S	b1.65 to 3.45%		--
County 1s 1964-69 M-S	b1.75 to 3.40%		--
1st mtge Wat Wks Revenue			
2¼s 1964-71 A-O	b1.80 to 3.40%		--
S D 1¾s 1964-70 J-D	b1.75 to 3.30%		--
Library 2s 1964-73 M-S	b1.75 to 3.30%		--
Lima (City) S D—			
2¼s imp 1964-72 J-D	b1.75 to 3.30%		--
Marion (City of)—			
1s and 1¼s 1964-71 J-D	b2.00 to 3.40%		--
Portsmouth (City of)—			
1st Mtge Water Revenue—			
2½s 1964-65 A-O	b2.00 to 2.15%		--
2¾s 1966-68 A-O	b2.25 to 2.70%		--
Steubenville 2½s 1964-79 M-N	b1.90 to 3.60%		--
Toledo—			
Waterworks Extension—			
1st mtge revenue—			
2¾s opt '56 due '64-69 J-D	b1.75 to 2.80%		--
2½s opt 1956 due 1970 J-D	--	--	3.00
Warren (City of)—			
2½s 1964-82 w w Rev J-J	b2.00 to 3.75%		--
2⅝s 1964-90 w w Rev J-J	b2.00 to 3.85%		--
2¾s 1991 J-J	--	--	3.90
Youngstown New Housing Authority—			
2½s 1982	--	--	3.50
Zanesville City (School Dist)			
2s building 1964-1969 M-S	b1.75 to 3.20%		--

OKLAHOMA

Bonds—	Yield Basis or To Bid	Ask	Net
State of Oklahoma—			
4s 1964-1978 J-J	b1.70 to 2.65%		--
3.20s 1968 J-J	--	--	2.30
2.80s 1969-1972 J-J	b2.35 to 2.45%		--
3s 1973-1978 J-J	b2.60 to 3.00%		--
3.20s 1979-1982 J-J	b3.05 to 3.30%		--
3.30s 1983-1986 J-J	b3.35 to .345%		--
Okla Turnpike Authority—			
3¾s 1990 F-A	100	--	--
Yield 2.50% to call (8-1-63)			
4¾s July 1 2001	108½	110½	--
Munic Auth Water System			
Ser B 3.30s 1971-2000 J-J	b2.45 to 3.40%		--
Turnpike Revenue—			
Northeastern Turnpike—			
3¼s 1964-1965 J-D	b1.00 to 3.00%		--
3½s 1966-1969 J-D	b3.05 to 3.35%		--
3.60s 1970-1982 J-D	b3.45 to 3.80%		--
3¾s 1983-1993 J-D	b3.65 to Par		--
Oklahoma City—			
1st May 1 1964-71	b1.50 to 2.50%		--
Issues dated May 1 1953			
2½s 1964-68 M-N	b1.50 to 2.30%		--
2¾s 1969-78 M-N	b2.35 to 3.25%		--
Tulsa—			
1s 1964-1966 J-J	b1.50 to 2.20%		--
General obligations—			
1.10s 1964-1965 J-J	b2.25 to 2.40%		--
Waterworks and Sewer—			
2¼s 1964-1973 J-J	b2.00 to 2.50%		--

a Less 1. b Basis. d Less 1¼. n Nominal.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

Bonds—	Yield Basis or To Bid	Ask	Net
OREGON			
Highway 1½s 1964-71 A-O	b1.75 to 3.15%		—
Highway series 1953 "B"			
2¼s 1964-1966 M-S	b1.65 to 2.15%		—
State Highway (series 1962-A)			
2.40s 1964-1968 J-J	b1.65 to 2.35%		—
2.60s 1969 J-J	—	—	2.45
2.70s 1970 J-J	—	—	2.55
2.80s 1971 J-J	—	—	2.65
2.90s 1972 J-J	—	—	2.70
Veterans' Welfare—			
3¼s Oct 1 1972-1975 A-O	b2.70 to 2.85%		—
3¼s 1976 opt '71 F-A	b2.85 to opt		—
3½s Oct 1 1975 A-O	—	—	2.85
3.40s 1977 opt '71 F-A	b2.90 to opt		—
3.40s 1978 opt '71 F-A	b2.45 to opt		—
2¼s April 1 1967	—	—	2.25
2½s Sept 1 1972-73	b2.70 to 2.80%		—
2.80s 1977-1978	b2.90 to 2.95%		—
Veterans' Welfare series XV—			
3s 1970-1974 J-D	b2.55 to 2.80%		—
3.20s 1975-1978 J-D	b2.85 to 2.95%		—
Veterans' Compensation—			
1½s Oct 1 1964-1966	b1.75 to 2.45%		—
1¾s Oct 1 1967-1972	b2.45 to 3.05%		—
2s 1964-65 opt '63 A-O	b1.65 to 1.90%		—
2¼s 1966 opt 1963 A-O	b2.15 to opt		—
Portland (City of)—			
Sewer Disposal—			
1½s 1964-65 opt '55 M-N	b1.75 to 1.95%		—
1¼s 1965-66 opt '55 M-N	b2.40 to 2.60%		—
Salem (City of)—			
1½s 1964-70	b1.80 to 3.30%		—
PENNSYLVANIA			
1½s series M 1964-65 M-S	b1.50 to 2.00%		—
1.45s series N 1966-67 F-A	b2.15 to 2.20%		—
Delaware River Port Auth—			
3½s 1st ser rev 1983 J-D	104⅛	104¾	—
The General State Authority of the Commonwealth of Pa			
Eighth Series—			
3.40s 1965-66 J-J	b2.35 to 2.50%		—
3½s 1967-74 J-J	b2.65 to 3.10%		—
3.70s 1975-83 J-J	b3.30 to 3.40%		—
11th Series—			
3¼s 1964-1968 J-J	b1.90 to 2.65%		—
3.40s 1969-1970 J-J	b2.75 to 2.90%		—
3½s 1971-1973 J-J	b2.95 to 3.05%		—
3.60s 1974-1979 J-J	b3.20 to 3.30%		—
3¾s 1980-1986 J-J	b3.35 to 3.45%		—
12th Series—			
3s 1964-1966 J-D	b1.90 to 2.35%		—
3.20s 1967-1971 J-D	b2.50 to 2.80%		—
3.40s 1972-1974 J-D	b2.95 to 3.05%		—
3½s 1975-1979 J-D	b3.15 to 3.25%		—
3.60s 1980-1987 J-D	b3.35 to 3.40%		—
16th Series—			
2¼s 1965-1966 J-J	b2.10 to 2.15%		—
2½s 1967-1969 J-J	b2.30 to 2.55%		—
2¾s 1970-1972 J-J	b2.60 to 2.70%		—
3s 1973-1977 J-J	b2.75 to 2.95%		—
3¼s 1978-1981 J-J	b3.00 to 3.15%		—
3.40s 1982-1983 J-J	b3.25 to 3.30%		—
3½s 1984-1989 J-J	b3.30 to 3.35%		—
Korean Conflict Veterans'—			
Series O serial bonds			
3¼s 1965-1971	b1.85 to 2.50%		—
3⅜s 1972-1975 opt '73	b2.60 to 2.70%		—
State Highway & Bridge Auth			
Series of 1952—			
2.30s 1965-1966 J-D	b2.05 to 2.15%		—
2.40s 1967-1970 J-D	b2.00 to 2.60%		—
2.50s 1971-1974 J-D	b2.60 to 2.70%		—
Series of 1954—			
1¾s 1964-1965 J-D	b2.00 to 2.25%		—
1.90s 1966-1967 J-D	b2.40 to 2.55%		—
2s 1968-1970 J-D	b2.55 to 2.80%		—
2.10s 1971-1973 J-D	b2.90 to 3.00%		—
2¼s 1974-1977 J-D	b3.05 to 3.20%		—
State Pub School Bldg Auth—			
6s 1964-1972 M-N	b2.00 to 2.95%		—
4¾s 1973 M-N	—	—	3.00
2¾s 1974-1975 M-N	b3.00 to 3.05%		—
2.90s 1976-1978 M-N	b3.00 to 3.10%		—
3s 1979-1980 M-N	b3.10 to 3.15%		—
3.10s 1981-1982 M-N	b3.20 to 3.25%		—
3.20s 1983-1986 M-N	b3.30 to 3.35%		—
3.30s 1987-1994 M-N	b3.35 to 3.45%		—
1s 1995 M-N	—	—	4.15
1.10% 1996-2001 M-N	—	—	4.35
Turnpike revenue—			
3¼s term 1988 J-D	101½	102¼	—
3.10s (1954) ser 1993 J-D	97	99½	—
2.90s western ext 1986 J-D	101¼	102	—
Delaware River Extension—			
2¾s June 1 1970	99¾	100¾	—
3s June 1 1982	97¼	97¾	—
Allegheny Co—			
2½s 1967-1978 M-S	b2.30 to 3.40%		—
2⅜s 1964-1984 M-N	b1.60 to 3.50%		—
2¼s May 1 1964-1970	b1.60 to 2.75%		—
1⅞s 1964-1972 M-N	b1.75 to 3.40%		—
1⅝s 1964-1980 M-N	b1.75 to 3.80%		—
1⅜s 1964-1965 M-S	b1.75 to 2.40%		—
1½s 1964-1974 M-N	b1.75 to 3.70%		—
Sewer Revenue series C—			
2.70s June 1 1965-67 J-D	b2.30 to 2.50%		—
3s June 1 1968-71 J-D	b2.60 to 2.90%		—
3.20s June 1 1972-75 J-D	b2.90 to 3.00%		—
3.30s June 1 1976-81 J-D	b3.10 to 3.30%		—
3.60s June 1 1996 J-D	102	105	—
Allentown 1⅞s 1964-76 J-D	b1.75 to 3.70%		—
S D 1s 1964-1974 F-A	b1.75 to 3.80%		—
Allentown Authority—			
Water rev 2s 1964-69 J-J	b1.75 to 2.90%		—
2⅛s 1970-1977 J-J	b3.00 to 3.70%		—
Chester Municipal Authority—			
Water rev 2s 1964-1969 J-J	b1.70 to 2.90%		—
2½s Dec 1 1986-1988	b3.60 to 3.70%		—
Term 2s 1988 J-D	—	—	3.90
Del Riv Jt Comm Bridge			
Philadelphia-Camden—			
Ref bdge 1s June 1 1966	90	—	—
2.30s bdge rev sec A '84 M-N	97	—	—
2.35s bdge rev B '84 M-N	97	—	—
Easton (City of) Authority—			
Sew rev 1951 series—			
2s 1973-1976 A-O	b3.25 to 3.45%		—
2⅛s 1977-1984 A-O	b3.55 to 3.80%		—
2s 1985-86 A-O	—	—	3.85
Erie (City of)—			
1¾s imp 1964-71 M-N	b1.00 to 3.00%		—
2½s 1964-1982 A-O	b1.80 to 3.50%		—
Lehigh (County of)—			
1⅝s 1964-81 J-D	b1.00 to 3.60%		—
Philadelphia (City of)—			
2¾s 1964-1990 J-J	b2.05 to 4.10%		—
1½s 1991-1999 J-J	—	—	4.50
2½s Jan 1 1965-1985	b2.35 to 4.00%		—
2s Jan 1 1986-1992	b4.15 to 4.30%		—
Refunding bonds—			
1½s 1964-1965 J-J	b2.10 to 2.55%		—
3¼s July 1 1986 opt 1956	—	—	3.65
3¼s ref 1975 to 1985	b3.20 to 3.65%		—
3¼s Jan 1 1975 opt 1962	—	—	3.45
Ref (dated Feb 16 1951)—			
1½s 1964-76 J-J	b2.00 to 4.00%		—
Serial bonds—			
1¼s 1964-1965 J-J	b2.15 to 2.80%		—
1½s 1964-1983 J-J	b2.80 to 4.25%		—
1¾s 1984-1996 J-J	b4.25 to 4.35%		—
Serial bonds (1948 issue)—			
3s 1964-1970 J-J	b1.95 to 2.80%		—
2¾s 1971-1998 J-J	b3.10 to 4.10%		—
Term bds 2¾s 78 opt 68 M-N	—	—	3.30
Issues dated June 1 1950—			
3s Jan 1 1964-1969	b2.00 to 2.75%		—
2¼s Jan 1 1970-1986	b3.10 to 4.05%		—
2s Jan 1 1987-1994	—	—	4.35
1½s Jan 1 1995-2000	—	—	4.50
Issues dated Oct 16 1951—			
2s 1964-1967 J-J	b2.35 to 3.00%		—
2¼s 1968-1977 J-J	b3.05 to 3.85%		—
Issues dated April 1 1953—			
3s 1964-1969 J-J	b2.35 to 2.85%		—
3¼s 1970-1973 J-J	b2.90 to 3.15%		—
3s 1974-1987 J-J	b3.20 to 3.80%		—
Philadelphia School District—			
2¾s impt 1964-73 M-S	b2.15 to 3.40%		—
2⅜s 1964-77 J-J	b2.10 to 3.75%		—
2s 1964-74 A-O	b2.05 to 3.65%		—
1¼s 1964-1970 F-A	b2.25 to 3.70%		—
Pittsburgh—			
1s 1964-65 F-A	b1.90 to 2.20%		—
1.20s 1964-66 F-A	b1.90 to 2.40%		—
2s 1964-68 A-O	b1.90 to 2.60%		—
1.80s 1964-69 A-O	b1.90 to 2.70%		—
1⅜s ref '58 ser A '64-67 F-A	b1.90 to 2.50%		—
3⅜s 1964-1981 J-J	b1.75 to 2.90%		—
Gen Public Improvement—			
1.80s of '51 A '64-71 J-J	b1.90 to 3.20%		—
Pub Parking Authority			
Project A Rev ser A—			
3½s 1981 A-O	94	—	—
Westmoreland County			
(Mun Auth of)—			
Water revenues series A—			
2⅝s 1964-68 J-J	b2.40 to 3.20%		—
2.70s 1968-72 J-J	b3.20 to 3.50%		—
2¾s 1973-76 J-J	b3.50 to 3.70%		—
2.80s 1977-85 J-J	b3.75 to 3.90%		—
Williamsport Munic Water			
Authority (Water rev ser A)			
1⅝s 1964-68 J-J	b2.00 to 3.00%		—
1¾s 1969-79 J-J	b3.10 to 3.75%		—
2s 1964-1975 J-D	b1.00 to 3.60%		—
York School District—			
1¼s imp 1964-70 F-A	b1.90 to 3.20%		—
RHODE ISLAND			
4s charit inst 1965 M-S	b2.00	1.90%	—
4s June 1 1977 J-D	b2.95	2.85%	—
4½s bridge 1970 F-A	b2.60	2.50%	—
1½s Dec 1 1964-66	b1.90 to 2.35%		—
State of Rhode Island			
and Providence Plantation			
3¼s 1964-85 M-S	b1.70 to 3.25%		—
2¼s 1964-74 A-O	b1.80 to 3.10%		—
2s 1964-75 J-D	b1.80 to 3.25%		—
Highway 2s 1964-72 M-N	b1.80 to 3.10%		—
Cranston 1¾s 1964-83 A-O	b2.00 to 3.85%		—
2½s series G 1964-74 F-A	b1.80 to 3.30%		—
4s 1964-66 J-J	b1.80 to 2.25%		—
4½s Mar 15 1964-78 M-S	b1.80 to 3.30%		—
Newport—			
2¼s waterwks 1964-71 M-S	b1.90 to 3.15%		—
Providence—			
4s Oct 1 1964 A-O	b1.90	1.80%	—
3.20s 1964-1984 M-S	b1.90 to 3.35%		—
2.30s 1964-1977 J-J	b1.90 to 3.40%		—
2s 1964-77 J-J	b1.90 to 3.50%		—
1⅜s 1964-1971 J-D	b1.95 to 3.40%		—
New Housing Authority—			
2⅛s 1986	—	—	3.50
Warwick (City)—			
3¼s 1964-91 A-O	b1.90 to 3.65%		—
Woonsocket—			
4½s 1964-1967 J-D	b1.90 to 2.60%		—
SOUTH CAROLINA			
Public Service Authority—			
2½s July 1 1964-71	b2.70	2.60%	—
2⅝s July 1 1972-77	b3.25	3.15%	—
2.70s July 1 1978-93	b3.65	3.50%	—
School (series U) 2½s 1964-82	b2.85	2.70%	—
State H'way Ctfs of Indeb't—			
1¼s 1964-65 M-N	b2.10	1.90%	—
State H'way 1.70s 1964-67 J-D	b2.30	2.15%	—
State H'way & Port purposes			
2.10s ser G 1964-1968 J-D	b2.30	2.15%	—
2.55s ser B 1964-1978 J-D	b2.65	2.50%	—
State Institution—			
1¾s 1964-70 A-O	b2.50	2.40%	—
2s 1971-74 A-O	b2.75	2.65%	—
State School 1½s 1964-68 A-O	b2.60	2.45%	—
2.35s 1964-75 J-D	b2.70	2.55%	—
2.30s 1964-74 F-A	b2.50	2.35%	—
2.20s 1964-68 M-N	b2.40	2.20%	—
3.10s 1964-78 M-N	b2.70	2.55%	—
Charleston—			
3¼s wat wks 1964-78 A-O	b2.95	2.80%	—
Greenville 3½s 1964-76 M-N	b2.95	2.80%	—
Water rev 2¼s 1964-71 A-O	b2.75	2.60%	—
Spartanburg—			
4½s water 1964-65 J-J	b2.20	2.00%	—
York (County of)—			
2½s 1964-68 M-N	b2.60	2.40%	—
2.60s 1969-71 M-N	b2.80	2.60%	—
TENNESSEE			
2.00s 1964-65 J-D	b2.10	2.00%	—
4½s July 1 1964-67	b1.70 to 2.40%		—
H'way & Educ Institutional			
4s 1964-69 M-N	b2.00 to 2.60%		—
3.10s 1970-71 M-N	b3.00	2.80%	—
3¼s 1972-75 M-N	b2.75 to 2.90%		—
3.30s 1976-79 M-N	b3.15	3.00%	—
Highway 4s 1964-68 M-S	b1.40 to 2.70%		—
2½s 1969 M-S	b2.60	2.50%	—
2.60s 1970 M-S	b2.70	2.60%	—
2.70s 1971-72 M-S	b2.90	2.70%	—
Tennessee Valley Authority—			
4.40s Nov 15 1985 M-N	101½	103½	—
Power bonds 1961 ser A			
4⅝s July 1 1986	104	106	—
Power bonds 1962 ser B			
4½s Feb 1 1987	104	106	—
Blount County—			
2½s 1964-72 J-D	b1.75 to 3.00%		—
2¾s 1973-76 J-D	b3.30 to 3.10%		—
Chattanooga—			
Electric Power Revenue—			
Series AA—			
1¾s 1964-66 J-J	b2.50 to 3.00%		—
1½s 1967-69 J-J	b3.40	3.20%	—
Ser B 2½s 1964-69 J-J	b1.90 to 2.75%		—
3s 1968-78 J-D	b2.70 to 3.25%		—
Davidson County—			
2¼s rural sch 1964-74 J-J	b1.80 to 3.00%		—
1.80s rural sch 1964-75 A-O	b1.80 to 3.25%		—
Johnson City ref 3½s 1964-70	b2.00 to 3.10%		—
Electric Revenue ser A			
1¼s 1964-1965 J-D	b2.00 to 3.50%		—
Knox County (Rural School)			
2½s 1964-68 M-N	b1.80 to 2.60%		—
Knoxville—			
General obligation 4½s	b3.70	3.50%	—
General obligation 4¾s	b3.80	3.60%	—
General obligation 5s	b3.90	3.70%	—
Water 4½s	b3.70	3.60%	—
Electric revenue ser A 1949			
2½s 1964-65 F-A	b1.90 to 2.25%		—
2¾s 1966-68 F-A	b2.25 to 2.50%		—
2s 1969 F-A	b3.00	2.75%	—
Memphis—			
TVA Lease Rental rev—			
3¼s 1965 J-J	b2.00 to 1.80%		—
3s 1966-1969 J-J	b2.00 to 2.25%		—
2½s 1971-1973 J-J2	b2.40 to 2.50%		—
2-2¾s 1974-1978 J-J	b2.60 to 2.80%		—
2.90s 1979-1982 J-J	b2.90 to 3.00%		—
3s 1983-1985 J-J	b3.10 to 3.00%		—
Elec Dist System rev—			
Series of 1963—			
4s 1964-1966 J-J	b1.65 to 2.00%		—
2½s 1967-1971 J-J	b2.15 to 2.55%		—
2¾s 1972-1974 J-J	b2.65 to 2.80%		—
2.90s 1975-1977 J-J	b2.85 to 2.95%		—
3s 1978-1981 J-J	bpar to 3.10%		—
Electric Plant—			
1.40s 1964-1969 J-D	b1.40 to 3.40%		—
4.40s 1992	109¾	111¾	—
Board of Education—			
1s 1964-75 J-J	b1.40 to 3.90%		—
General liability 1¾s			
and 1½s 1964-77 F-A	b2.00 to 3.75%		—
1¾s various 1964-74 M-N	b2.00 to 3.75%		—
2s various 1975-81 M-N	b4.00 to 3.90%		—
Nashville—			
4¼s 1964-67 J-J	b1.40 to 2.70%		—
2½s school 1964-88 A-O	b1.40 to 3.75%		—
1½s 1964-74 J-D	b1.75 to 3.75%		—
1s 1964-74 J-D	b1.75 to 3.90%		—
Elec Power Rev ser C—			
1¾s 1964-66 J-J	b1.40 to 3.10%		—
2s 1967-73 J-J	b3.25	3.10%	—
2¼s 1974-81 J-J	b3.75 to 3.60%		—
Street improvement—			
1.10s 1964-69	b1.40 to 3.50%		—
Robertson County—			
2½s 1964-66 A-O	b2.00 to 2.60%		—
2¾s 1967-70 A-O	b2.70 to 3.20%		—

‡Bid for average maturity. b Basis. n Nominal.

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STATE AND MUNICIPAL BONDS

QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

Bonds—	Yield Basis or To Bid	Ask	Net
TEXAS			
Texas Turnpike Authority—			
Dallas-Fort Worth Revenue			
2.70s (1955 ser) 1980 J-J	95	98	--
2⅞s (1955 ser) 1995 J-J	93	96	--
Veterans' Land Bonds—			
1½s 1964-65	b1.70 to 1.90%		--
1¾s 1966-74	b2.00 to 2.75%		--
1¾s 1975-79	b2.85 to 3.75%		--
Series of 1953—			
2s 1966-68 J-D	b2.00 to 2.20%		--
2¼s 1969-77 J-D	b2.25 to 2.95%		--
2.40s 1978-81 J-D	b3.00 to 3.15%		--
2.40s 1982-89 opt '64 J-D	b3.15 to 3.40%		--
Series 1961-A			
3½s 1966 1991 J-D	b2.00 to 3.70%		--
Veterans' Land Bonds—			
Series 1961-B—			
3½s 1966-1971 J-D	b2.00 to 2.40%		--
3s 1972-1976 J-D	b2.50 to 2.80%		--
3¼s 1977-1987 J-D	b2.75 to 3.10%		--
3⅜s 1988-1991 J-D	b3.15 to 3.20%		--
Austin—			
1½s 1964-1968 J-J	b1.90 to 2.40%		--
1¾s 1967-75 J-J	b2.30 to 3.20%		--
Beaumont—			
4½s 1964-1970 J-J	b1.90 to 2.60%		--
4s 1964-77 A-O	b1.90 to 3.10%		--
Colo Riv Mun Wat Dist—			
Water Revenue Bonds—			
2s Jan 1 1964-66	b2.00 to 2.40%		--
2¼s Jan 1 1967-72	b2.50 to 3.10%		--
2⅜s Jan 1 1973-76	b3.20 to 3.35%		--
Corpus Christi—			
Gen obl 3½s 1964-73 J-D	b1.80 to 2.80%		--
Waterworks Revenue—			
3¼s 1964-1978 J-D	b1.70 to 2.95%		--
Dallas—			
4½s 1964-70 M-N	b1.75 to 2.40%		--
3¼s 1964-1973 J-J	b1.75 to 2.50%		--
1¾s 1964-69 F-A	b1.75 to 2.40%		--
1.70s 1964-1970 F-A	b1.75 to 2.60%		--
1s April 1 1964-68	b1.90 to 2.40%		--
Independent School District			
1s April 1 1964-68	b1.90 to 2.50%		--
2s 1964-67	b1.75 to 2.40%		--
1¾s 1964-67 M-N	b1.75 to 2.40%		--
Independent School Dist—			
Series A of 1949—			
1¾s 1964-66 J-D	b1.75 to 2.20%		--
1½s 1967-69 J-D	b2.30 to 2.50%		--
El Paso—			
Impt 2½s 1964-68 J-D	b1.80 to 2.50%		--
2¾s 1969-74 J-D	b2.60 to 3.00%		--
Fort Worth—			
3¾s Nov 1 1964-67 M-N	b1.80 to 2.40%		--
3s 1964-73	b1.80 to 2.95%		--
2½s 1964-72 M-N	b1.80 to 2.85%		--
2¼s 1964-71 A-O	b1.80 to 3.10%		--
Harris County—			
2¾s Road 1964-68 M-S	b1.80 to 2.50%		--
1.70s 1964-75 F-A	b1.80 to 3.20%		--
Flood Control District			
1¾s 1964-65 F-A	b1.80 to 2.25%		--
Houston—			
2¼s 1964-76 M-N	b1.80 to 3.20%		--
2s 1964-76 M-N	b1.80 to 3.50%		--
1¾s April 1 1964-71	b1.80 to 3.40%		--
1s 1964-65 F-A	b2.40 to 2.60%		--
1s April 1 1964-71	b2.40 to 3.55%		--
Various Imp Purposes—			
2¾s 1964-68 J-D	b1.80 to 2.50%		--
2¾s 1964-69 J-D	b1.80 to 2.60%		--
Houston (Ind Sch Dist)—			
2¾s 1964-74 J10-J	b1.80 to 3.85%		--
2½s 1975-78 J10-J	b3.10 to 3.40%		--
Lower Colorado River Auth—			
Revenue Refunding			
2s 1964-70 M-N	b2.80 to 3.15%		--
San Antonio—			
5½s w w 1964-65 M-N	b1.90 to 2.10%		--
4½s 1964-67 J-J	b1.80 to 2.25%		--
4¼s 1964-68 F-A	b1.80 to 2.60%		--
2¾s 1964-66 M-S	b1.80 to 2.20%		--
2s Nov 1 1964-66	b1.80 to 2.15%		--
Elec & Gas—			
Rev ref 1¾s 1964-71 F-A	b1.75 to 3.20%		--
Electric & Gas Rev Imp	b1.90 to 2.70%		--
(1962 series)	b3.10 to 3.25%		--
5s 1964-70 F-A	b3.00 to 3.20%		--
2¾s 1971-74 F-A	b3.15 to 3.20%		--
3s 1975-79 F-A	b3.30 to 3.35%		--
3.10s 1980-81 F-A			
3¼s 1982-84 F-A			
Waco 4½s 1964-68 J-J	b1.90 to 2.60%		--
Wichita Falls—			
2¾s Dec 1 1964-74	b1.80 to 3.10%		--

Bonds—	Yield Basis or To Bid	Ask	Net
UNITED STATES			
See pages 4 and 80			
UTAH			
Various bonds—			
3s 1965 A-O	--	--	1.90
2.60s 1966-75 A-O	b2.00 to 2.65%		--
2¾s 1976-78 A-O	b2.70 to Par		--
2.80s 1979-80 A-O	--	--	par
VERMONT			
State 3s 1964-81 M-S	b1.70 to 2.80%		--
State 2s 1964-66 J-J	b1.80 to 2.10%		--
School Bldg 1½s 1964-74 M-S	b1.90 to 2.80%		--
School Bldg & H'way Const—			
3s 1964-77 J-J	b1.80 to 2.60%		--
3⅛s Aug 15 1964-79 F-A	b1.80 to 2.65%		--
Various 2.80s 1964-82 M-S	b1.80 to 2.75%		--
Burlington—			
1½s various 1964-75	b1.80 to 3.15%		--
Rutland—			
2.20s various 1964-75 J-J	b1.80 to 2.90%		--
VIRGINIA			
Toll revenue (series 1949)—			
3s (series 1954) 1994 M-S	98¼	100¾	--
Virginia State Ports Authority			
Port Facilities Bonds—			
3s 1964-71 J-D	b1.65 to 2.80%		--
3¼s 1972-75 J-D	b2.85 to 3.00%		--
3½s 1976-79 J-D	b3.05 to 3.15%		--
3¾s Dec 1 1991	105	--	--
Alexandria 3s 1964-83 J-D	b1.65 to 3.20%		--
2½s Dec 15 1964-77	b1.65 to 3.30%		--
2¾s 1964-84 M-S	b1.65 to 3.50%		--
Charlottesville—			
Street Imp & Wat Syst—			
1.40s 1964-72 M-N	b1.65 to 3.25%		--
Chesapeake Bay Bridge &			
Tunnel District—			
4⅞s ser A July 2000	112	113	--
5½s ser B July 1 2000	115	--	--
5¾s ser C July 1 2000	111¾	112¾	--
Danville (City of)—			
2s 1964-68 J-J	b1.60 to 2.30%		--
Elizabeth River Tunnel Dist—			
4½s revenue 2000 F-A	112	114	--
Fairfax County—			
Sewer (series A)			
6s 1964-65 J-J	b1.75 to 2.10%		--
4¼s 1966 J-J	--	--	2.20
2¾s 1967-75 J-J	b2.40 to 3.35%		--
2.80s 1976-89 J-J	b3.45 to 3.75%		--
Fredericksburg (City of)—			
2s 1964-71 J-D	b1.65 to 3.00%		--
Hampton (City of)—			
2¾s 1964-68 J-J	b1.70 to 2.30%		--
3s 1969-78 J-J	b2.40 to 3.00%		--
Lynchburg 1.30s 1964-67 M-S	b1.70 to 3.10%		--
1¼s 1964-76 F-A	b1.70 to 3.50%		--
Newport News—			
2.30s Pub Bldg 1964-68 F-A	b1.65 to 2.35%		--
Norfolk—			
1.70s gen imp 1964-71 F-A	b1.60 to 3.05%		--
2¼s gen imp 1964-67 M-N	b1.60 to 2.20%		--
2.40s water 1964-67 J-D	b1.60 to 2.15%		--
2¾s gen imp 1964-72 J-D	b1.60 to 2.50%		--
4½s 1964-72	b1.60 to 2.50%		--
Water of 1948 series A—			
2½s Dec 1 1964-77	b1.60 to 3.10%		--
1962 issues			
5s 1964-72 J-J	b1.60 to 2.60%		--
3¼s 1973-83 J-J	b2.60 to 3.05%		--
3.40s 1984-85 J-J	--	--	3.10
Richmond—			
4½s July 1 1964 J-J	--	--	1.60
4¼s July 1 1965 J-J	--	--	1.75
1¾s 1964-68 J-J	b1.60 to 2.35%		--
1½s 1964-71 J-J	b1.60 to 3.00%		--
1¼s 1964-69 J-J	b1.65 to 3.20%		--
Public Improvement—			
2¾s 1964-71 J-J	b1.60 to 2.45%		--
3s 1972-82 J-J	b2.50 to 2.95%		--
Richmond-Petersburg—			
Turnpike Authority—			
3.45s Tpke rev 1995 J-J	98½	101	--
4½s Tpke rev 1995 J-J	106	--	--
Roanoke—			
2¾s water 1964-68 A-O	b1.65 to 2.25%		--
Gen obligation—Water System			
1¼s 1964-75 J-J	b1.75 to 3.80%		--
WASHINGTON			
Motor Vehicle Fuel Tax rev			
Revenue (series B)—			
2¼s Sept 1 1964-69	b2.00 to 3.25%		--
2½s Sept 1 1970-76	b3.10 to 3.60%		--
Pub Sch & Inst Bldg Const—			
2s May 1 1971 opt 1959	b3.25 less 1		--
State H'way Motor Vehicle			
Fuel Tax—			
1¾s 1965-72 opt '61 M-S	b2.75 to 3.50%		--
1¾s 1969 opt '61 M-S	b3.30 less 1		--
1¾s 1966-67 M-S	b3.00 less 1		--
1¾s 1968 M-S	b3.10 less 1		--
1¾s 1971-72 M-S	b3.30 less 1		--
1¾s 1973-75 M-S	b3.60 less 1		--
Washington Pub Power Supply			
System Parkwood Lake			
3⅝s 2012 M-S	97	--	--

Bonds—	Yield Basis or To Bid	Ask	Net
Washington Toll Bridge Auth			
Second Lake Wash Toll			
Bridge rev—			
4.90s Jan 1 2000 J-J	108	--	--
Vancouver-Portland Interstate			
Toll Bridge—			
3⅛s 1964-68 M-N	bPar to 2.90%		--
3.20s 1971 M-N	100½	--	--
Chelan County—			
Nash Dist No 1 5s 2013	115½	117½	--
Grant County—			
Public Utility Dist No 2			
3⅞s 1956 series Nov 1 2005	103½	104	--
4⅞s 1959 series July 1 2009	113½	115	--
Seattle—			
2¼s 1964-68 J-J	b2.00 to 2.90%		--
1¾s sewer 1964-68 M-S	b2.00 to 3.30%		--
Seattle Light & Power			
2½s 1964-70 J-J	b2.00 to 3.00%		--
2s ref ser LS-5 '64-70 F-A	b2.00 to 3.25%		--
Municipal Lt & Pw Rev—			
2s 1964-67 J-J	b2.00 to 2.75%		--
2¼s 1964-74 F-A	b1.85 to 3.25%		--
2¾s 1970-87 M-S	b2.75 to 3.70%		--
1958 Series—			
6s 1964-67 M-S	b2.00 to 2.50%		--
3¼s 1968-77 M-S	b2.50 to 3.25%		--
3½s 1978-88 M-S	b3.30 to 3.60%		--
Spokane—			
1½s 1964-72 J-J	b2.00 to 3.50%		--
Spokane Co Sch Dist No 81			
1.30s Sept 1 1967-75	b3.25 to 3.90%		--
Tacoma—Revenues—			
General obligations—			
1¾s July 1 '64 opt '62 M-N	b2.50 less 1		--
Central Library Building—			
1.70s 1964-67 M-N	b2.00 to 3.25%		--
Tacoma Narrows Toll Bridge—			
3¾s revenue 1978 M-S	101	--	--
WEST VIRGINIA			
Road Bonds—			
3s 1964-67 J-J	b1.60 to 2.10%		--
1½s 1964-73 J-D	b1.65 to 3.50%		--
1¼s 1964-68 J-J	b1.75 to 3.30%		--
1s 1964-70 J-J	b1.80 to 3.50%		--
Road Bond series C—			
1¾s 1965-67 J-J	b2.00 to 2.50%		--
Turnpike Revenue (ser A)—			
3¾s Dec 1 1989	f65½	69	--
4⅛s Dec 1 1989	f69	73	--
Veterans series V—			
1¾s Dec 1 1964-71	b1.60 to 3.30%		--
Charleston—			
2¼s 1964-72 J-D	b1.60 to 3.20%		--
Dunbar Bridge—			
Revenue 4s Feb 1992	f57	65	--
Kanawha (County)—			
1¼s 1964-75 J-J	b1.75 to 3.70%		--
Board of Education			
3¼s 1964-1969 J-D	b1.60 to 2.40%		--
WISCONSIN			
Madison City			
3¼s June 1 1964-1980	b1.60 to 2.95%		--
Library & School purposes			
2¼s 1964-1971 J-D	b1.60 to 2.50%		--
2¾s 1972-1976 J-D	b2.60 to 2.80%		--
3s 1977-1982 J-D	b2.85 to 3.00%		--
Metropolitan Sewerage Dist			
2s extension 1964-67 F-A	b1.60 to 2.10%		--
Milwaukee (City of)—			
1¾s 1964-71 J-J	b1.70 to 2.60%		--
1½s school 1964-71 M-N	b1.70 to 2.65%		--
Corporate Purpose			
2¼s 1964 A-O	--	--	1.60
2¾s 1965-1973 A-O	b1.90 to 2.60%		--
Pub improvement ser E			
2½s 1964-1968 M-S	b1.90 to 2.30%		--
2¾s 1969-1974 M-S	b2.40 to 2.80%		--
Milwaukee County—			
Metropolitan Sewerage Area			
2½s 1964-67 F-A	b1.70 to 2.15%		--
Expressway bonds			
3.20s 1964-1981 F-A	b1.70 to 2.15%		--
Housing Auth 3½s Sep 1 '94	99	102	--
Racine street imp & sewer—			
1½s 1964-66 F-A	b1.80 to 2.25%		--
WYOMING			
Cheyenne—			
Waterworks improvement			
6s 1964-1971 A-O	b1.95 to 2.85%		--
3.30s 1972-1976 A-O	b2.95 to 3.10%		--
3.30s 1977-78 opt '76 A-O	--	--	3.10
3.40s 1979-82 opt '76 A-O	b3.15 to 3.20%		--
3½s 1983-87 opt '76 A-O	b3.20 to 3.25%		--
3.60s 1988-9* opt '76 A-O	--	--	3.30
Sheridan (wat) 3½s 1964-65	b2.05 to 2.35%		--

*Bids for average maturity. b Basis. n Nominal. f Flat price.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

OVER-THE-COUNTER INSURANCE STOCKS

Stocks—	Par	Bid	Ask
Academy Life Ins (Colo)	30c	3¼	3½
Aetna Casualty & Surety Co	3.50	101	107½
Aetna Life Insurance Co	5	161	166½
Agricultural Insurance Co	10	40	42¾
All American Life & Casualty	1	21¾	22⅛
Allied Security Ins Co (S C)	1	8	8½
American Bankers Life Assurance Co of Fla class A	1	24½	26½
Amer Equitable Assurance Co	2.50	24	25⅞
American Fidelity Life Ins Co	1	15½	16¾
American Foundation Pioneer Western Life Ins (Ark) class A	*	3¼	3¾
American Founders Life (Austin)	*	49	53⅛
American Genl Insur Co Tex	1.50	87¾	91¼
American Heritage Life Ins Co— (Jacksonville Fla)	1	13⅛	14⅛
American Home Assurance com	2.50	39	42¾
$4.64 prior preferred	15	94	--
Amer Hospital & Life Ins Co— (Texas)	1	13½	15⅛
American Illinois Life Ins	25c	2⅝	3⅛
American Income Life Ins (Ind)	1	12¾	13¾
American Indemnity Co (Galv)	10	45	--
Amer Independent Reinsurance Co	1	3¼	3½
American Life Companies Inc	1	6¾	7⅝
American Life Ins (Ala)	1	33	35½
American Mercury (Wash D C)	1	3⅛	3¾
American Motorist Ins (Chic)	3	21½	22¼
American National Ins (Galv)	1	15⅝	16¾
American Pioneer Life Ins	2	4¼	4⅝
American Re-insurance (N Y)	5	x68¼	71½
American Surety Co (N Y)	6.25	19	--
Amicable Life (Waco Texas)	10	132	140
Animal Insurance Co of Amer	2	15½	17
Appalachian National Life Ins	1	5¾	6⅞
Argonaut Insurance (Cal)	1	6⅛	6¾
Aviation Employees Corp	10c	1⅝	2
Bankers National Life Insurance	2	68	71
Bankers Security Life Insurance Society (N Y)	1	42	44⅞
Bankers & Shippers	10	57	60⅞
Bankers Union Life Ins (Colo)— Class A	10	134	142
Beneficial Standard Life (L A)— Class A	1	28⅝	30⅜
Boston Insurance Co	5	38¾	41¼
Business Men's Assurance Co of America	4	75½	76½
Calif Western States Life Ins	2.50	47	47¾
Century Life (Ft Worth)	*	40	45
Cherokee Insurance Co (Tenn)	5	14½	15½
Citadel Life Ins (N Y)	10	45	--
Citizens Casualty Co of New York— Class A common	2	13¾	15⅛
Citizens Life Insurance Co of NY	2	27	29⅜
Civil Service Employees	5	29½	33
Coastal States Life Insurance	1.25	19⅛	20½
Colorado Insurance Service	*	1⅛	1⅜
Combined Ins Co of America	1	43	46⅜
Commonwealth Life (Louisville)	2	58	61⅜
Connecticut General Life Ins	5	165	167
Consumers Natl Life Ins (Ind)	1	8⅛	8½
Continental American Life Ins (Wilmington Del)	10	69	74½
Continental Assurance Co	5	136	139
Continental Casualty Co	5	73¾	77
Ex-20% stock dividend			
Cosmopolitan Insurance (Chic)	1	⅛	⅜
Craftsman Life Insurance (Boston)	10	12½	16
Criterion Insurance (D C)	2	45	47
Crum & Forster	5	54½	55¼
Dallas Title & Guaranty	10	23	--
Denver National Life Ins	25c	1⅞	2⅛
Eagle Fire (Newark)	1.25	4¾	5⅜
Eastern Life Ins Co N Y	1	27¾	29⅞
Educators Ins of Amer (Cal)	1.50	22	25¼
Employers Casualty (Dallas)	10	41	43⅞
Employer's Group Associates	*	77	81
Employers Nat Life Insur Co	*	49	53⅛
Employers Reinsurance Corp	5	80	85½
Excelsior (N Y)	6	10	11
Farmers New World Life	10	415	445
Farmers Underwriters Assn (L A)	1	64	65½
Federal Insurance Co. (N J)	4	77	80½
Fidelity Bankers Life Insurance	1	13¾	14¾
Fidelity & Deposit Co of Md	5	67¾	71¼
Fidelity Union Life (Dallas)	10	410	434
Financial Corp of Amer (Calif)	1	14½	15½
Firemen's (Washington D C)	20	29½	--
Firemans Fund Ins (S F)	1.25	35⅞	37⅞
First Colony Life Insurance	2.25	8½	9½
First National Life Ins (Ariz)	1	5½	6⅛
First Pyramid Life Insurance Co of America	8	245	255
First United Life Ins (Ind)	1	5¼	5½
Franklin Life Insurance (Springfield Ill)	2	60½	63⅜
General Life Ins Corp of Wis	45c	3¾	4⅛
General Reinsurance	10	209	219
Georgia International Life Insurance Co	2.50	18¾	20⅛
Germantown Fire	30	125	150
Gibraltar Life Ins Co of America (Dallas)	*	12¾	14⅛
Glens Falls Insurance (Glens Falls N Y)	5	46⅜	48⅞
Government Employees Corp	2	37	38½
Government Employees Insur	4	72	73½
Government Employees Life Ins— Ex 100% stock div		58	60
Great American Ins Co (N Y)	5	61	63⅞
Great Amer Reserve Ins (Dallas)	3	70	77½
Great National Life (Dallas)	2	30	33½
Great Plains Life Ins of Wyo	1	5	5½
Great Southern Life (Houston)	10	142	150
Greatamerica Corp	3	15⅜	16⅜
Guaranty National Ins (Colo)	50c	1⅛	1½
Guaranty Savings Life Ins (Mobile)	1	9¼	9¾
Gulf Insurance (Dallas)	5	49	53⅛
Gulf Life Insurance Co— (Jacksonville Fla)	2.50	53⅛	55⅞
Hamilton Life Ins Co of N Y	2	59	--
Hanover Insurance Co	10	54	57
Harbor Insurance Co	5	10½	11¾
Hartford Fire Insurance	5	69½	70
Hartford Steam Boiler Inspec & Insurance Co	10	126	132¾
Home (New York)	5	70½	74
Illinois Mid-Continent Life Insurance	50c	10⅛	10½
Independence Life Insurance Co of America (Calif)	1.50	23	24½
Inland Life Ins (Chicago)	50c	9	10
Insurance Co. of Oregon	2.50	13¼	14
Insurance Co of the South	5	--	3
Intercoast Co Inc	10	10½	11⅜
International Fidelity (Dallas)	*	1⅝	2⅛
International Life Insurance Co of Buffalo	2	24¾	27
Interstate Fire & Casualty (Chi)	5	24½	25½
Interstate Life & Accident Ins (Tenn)	1	15⅛	16¼
Investors Security Life Insurance (Illinois)	17½c	4	4½
Jefferson National Life Insurance	1	30	33
Jefferson Standard Life (Greensboro N C)	5	94½	98
Jersey Insurance Co	10	36	39⅛
Kansas City Life Ins	100	3,010	3,040
Kennesaw Life & Accident (Ga)	1	9⅛	10
Kentucky Central Life Ins Co— Class A	1	16¾	17⅞
Lamar Life Insur (Jackson Miss)	2	49	50½
Lawyers Title Insurance Corp (Richmond Va)	5	28½	30⅝
Liberty Life Ins (Greenville S C)	2	31	33½
Liberty Nat'l Life Ins (Birm)	2	72½	76
Life Assurance Co of Penn	5	28	30⅜
Life & Casualty (Nashville Tenn)	3	32	34
Life Insurance Co of Georgia	10	125	129¾
Life Insurance Co of Virginia	10	126	131¾
Lincoln American Life Ins (Memphis)	1	4⅜	4⅝
Lincoln Income Life Ins Co (Ky)	1	20¾	21½
Lincoln Liberty Life Insur Co	1	16½	17¾
Lincoln Natl Life (Fort Wayne)	5	161½	167
Loyal American Life Ins (Mobile Ala)	1	5⅞	6⅝
Madison Life Ins Co (N Y)	2	16½	18⅜
Manhattan Life Insurance Co	5	119	122
Maryland Casualty Co	1	48¼	51
Massachusetts General Life Insurance Co	3	15¾	16½
Massachusetts Indemnity & Life Insurance Co	5	53	56¾
Mercantile Security Life (Dallas)	10	38	40¾
Mercury Casualty Co (Cal)	2	3⅝	4¼
Michigan Life Insurance	50	n750	--
Midwestern United Life Ins Co	1	75½	77½
Mission Equities Corp (Calif)	*	5¾	6⅝
Monumental Life Ins (Balt)	10	97	101½
Mtge Guaranty Ins Corp (Milw)	1	27⅜	27¾
Mutual Savings Life Ins (Ala)	1	10½	11½
National Casualty (Detroit)	10	55	65
National Fidelity Life Ins Co	2	34¼	35
National Fire (Hartford)	10	121	126¾
National Life Accident Insurance (Nashville)	5	97	97¾
National Old Line Life Ins— Class AA common	1	23	24½
Class BB common	1	23	23½
National Union Fire (Pittsburgh)	5	46¾	49½
National Western Life Ins	1	7	7⅜
Nationwide Corp class A	2.50	15⅜	16½
New Hampshire Insurance Co	5	32¾	35¼
New York Fire Insurance	5	44½	48
North American Life (Chic)	2	32½	34½
North American Life & Casualty Co	1	24	25⅝
Northeastern (Hartford)	3.33⅓	16	18⅜
North River Insurance (N Y)	2½	43¾	46⅜
Northern Insurance Co (N Y)	12½	a48	--
Northwestern Nat'l Ins (Milw)	5	32¼	33
Northwestern Natl Life (Minn)— New $2.50 par (ex 8 for 1 split)		37½	38¼
Occidental Life Ins Co of N C	1	13¼	--
Ohio Casualty Insurance	1.25	25	26
Ohio State Life (Columbus Ohio)		40½	41½
Old Line Life Ins Co of America	2	57¼	60⅝
Old Republic Insurance (Pa)	5	16¾	17¾
Old Republic Life Ins (Chic)	1.50	32½	33½
Pacific Employers Ins (L A)	5	32	35½
Pacific Indemnity Co	3.33⅓	34½	36⅝
Pacific Insurance Co of N Y	10	57½	61⅜
Pacific Mutual Life Ins of Calif	1	6½	7½
Pacific National Life Assurance Co (Calif)	100	27	28
Pacific Southwest Life Ins	50c	⅜	⅝
Peerless Insurance Co	5	61½	64⅝
Peninsular Life Ins (Fla)	5	34	--
Peoples Life Ins (Wash D C)	5	60½	62
Philadelphia Life Insurance	5	90½	94½
Phoenix Insurance (Hartford)	10	122	126¾
Piedmont Southern Life Ins	10	81	82
Pioneer American Life Ins (Tex)	1	15¾	17½
Pioneer Home Owners Life Ins	1	9	9½
Professional & Business Men's Insurance (Denver)	1	5¾	6⅜
Protective Life Ins (Birm Ala)	5	59	61
Protective Security Life Ins (Cal)	1	2⅛	2½
Providence-Washington (Prov)	10	30	30¾
$2 convertible preferred	10	48½	51¾
Provident Life & Accid't (Tenn)	10	90	94
Provident Life Ins (Bismarck)	2.50	39	40
Public Savings Insurance (S C)	1	5	5¾
Pyramid Life Ins (Charlotte)	5	22¼	24⅜
Quaker City Life Ins Co	5	87	88
Reinsurance Corp (New York)	2	23½	26¼
Renewal Guaranty Corp	1	2⅝	2⅞
Republic Franklin Life Insurance— Class A	1	7⅛	7½
Republic Insurance (Dallas)	5	29½	31
Republic National Life Ins (Dallas)	1	52	55¾
Reserve Insurance Co (Ill)	3.50	14½	15¼
Rio Grande Natl Life (Dallas)	10	80	--
St Paul Fire & Marine Ins Co	6.25	62¾	66
Seaboard Life Insurance Co of America (Florida)	1	9	9⅞
Seaboard Surety Corp (N Y)	5	47	50
Security Insurance Co of N H	10	70½	75
Security Life & Accident (Colo)	2	36½	38⅞
Security Life & Trust (Winston-Salem N C)	5	94	98½
Security Title & Guar Co (N Y)	5	7¼	7¾
Southern Equitable Life Ins (Ark)— Class A common	10c	3	3¼
Class B common	10c	2¾	3
Southern Fire & Casualty Co	*	4¾	5¼
$1.50 conv preferred	25	23	25½
Southland Life Ins (Dallas)	5	138	142
Southwest Indemnity & Life Ins	2	7½	8⅜
Southwestern Insurance Co	1	1⅞	2⅛
Southwestern Life Ins (Dallas)	5	136	139
Springfield Insurance Co Common	2	54¼	57
$6.50 preferred	10	101	106½
Standard Security Life Insurance Co of N Y	2	13⅞	14⅞
Standard Union Life Ins (Ala)	2	2⅛	2⅜
State Life of Colo	1	2	2¼
Stuyvesant Insurance Co	5	42	--
Stuyvesant Life Ins Co (Pa)	10	200	--
Sunset Life Ins (Wash)	10	90	95½
Surety Life Ins (Utah)	10	18⅜	19¾
Telephone Employees Life Ins	10	31½	33½
Tidelands Life Ins (La)	1	2¾	3¼
Title Guaranty Co (N Y)	8	24½	26½
Title Insur & Trust (Los Ang)	2.50	56	59¼
Travelers Insurance Co	5	180	185½
Trinity Universal Life (Dallas)	5	34½	38⅛
Union Bankers Ins (Texas)	1	11⅜	12⅜
Union Trust Life Ins (Minn)	1	13⅜	15
United American Life Ins (Denver)	1	26½	27½
United Family Life Ins Co	50c	6	6¼
United Fidelity Life (Dallas)	10	80	86½
United Insur Co of America	2.50	61¾	65¼
United Security Life Ins (Ala)	1	24	25⅞
United Services Life Ins	1	71	75½
U S Fidelity & Guarantee (Balt)	5	62½	66
United States Fire Ins Co	3	33¾	36⅛
U S Life Insurance Co in the City of New York	2	74	78
Universal Life & Accident (Dallas Texas)	10	28½	30⅞
Variable Annuity Life Ins Co of America	1	10	10⅜
Volunteer State Life Insurance (Chattanooga Tenn)	10	111	116
Vulcan Life & Accident Ins— (Birmingham Ala)	2.50	19¼	19¾
Washington Nat'l Insurance (Ill)	10	82½	84
West Coast Life Insur (San Fran)	5	50	53⅛
Westchester Fire (New York)	2	35¾	38⅛
Western Casualty & Surety	5	47½	51
Western Empire Life Ins	25c	1	1¼
Western Insurance Sec common	*	187	--
Partic pref A	*	57	--
Western Pacific Ins (Wash)	10	18¾	19
Western Reserve Life Assurance (Ohio)	1	18	19⅝
Wilshire Insurance (Calif)	2	4⅛	4¾
Wisconsin National Life Ins	10	63½	66

*No par value a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend. y Ex-stock dividend.

Primary Markets

INSURANCE STOCKS

BANK STOCKS

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Banks and Trust Companies

Quotations in this department are quoted per share, not per cent, and are as near as possible for the *closing day of the month preceding date of issue,* though they often are nominal. An asterisk (*) denotes a recent sale.

QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

ALABAMA

	Par	Bid	Ask
Birmingham—			
Birmingham Trust Natl Bank	10	48	50
Exchange-Security Bank	1	6	6½
First National Bank	10	51	52½
Mobile—			
American National Bank & Trust	10	27½	--
First National Bank	25	187	--
Merchants National Bank	10	55½	--
Montgomery—			
Alabama National Bank	10	67½	--
First National Bank	5	32½	34
Peoples Bank & Trust Co	1	7¼	8
Union Bank & Trust Co	5	63	--

ARIZONA

Phoenix—			
The Arizona Bank	5	32	33
Valley National Bank of Arizona	5	65⅜	66

ARKANSAS

Little Rock—			
Amer Natl Bank No Little Rock	20	65	70
Commercial National Bank	20	69	72
First National Bank (The)	25	47	49
Union National Bank	20	76	80
Pine Bluff—			
National Bank of Commerce	10	38½	40½

CALIFORNIA

Beverly Hills—			
City Natl Bank of Beverly Hills	5	32⅞	34⅞
Hawthorne—			
Pacific State Bank	3	24¼	26¼
Los Angeles—			
Citizens National Bank	10	a96	98
Peoples Bank	12	26	28
Security-First National Bank	12½	80½	81
Union Bank	7.50	81½	82¼
Wilshire National Bank	7.50	26	28
Mar Vista—			
Fidelity Bank	40	35	38⅛
Oakland—			
Central Valley National Bank	10	35¾	36⅜
Oakland Bank of Commerce	50	270	--
Pacoima—			
San Fernando Valley Bank	3.50	12½	14⅛
San Bernardino—			
American National Bank of San Bernardino	5	65	--
San Diego—			
First Natl Trust & Savings Bank	5	48½	50½
San Diego Trust & Savings Bank	25	120	--
U S National Bank	10	48	50
Santa Monica—			
Santa Monica Bank	3	26½	28¾
San Francisco—			
Bk of Amer Natl Tr & Sav Assn	6¼	65¼	68⅛
Bank of California N A	10	66½	69¾
Bank of Trade	10	22½	25⅛
Century Bank	15	13½	15⅛
Continental Bank	15	26½	28¾
Crocker-Anglo National Bank	10	55¼	58
First Westn Bank & Trust Co	12.50	56½	59¾
Golden Gate National Bank	5	27¾	29⅞
Hibernia Bank (The)	25	91	97½
Pacific National Bank	10	57¾	61⅛
United California Bank	12½	65	68½
Wells Fargo Bank	10	80	83
San Jose—			
First National Bank	5	39¾	41

CANADA

Prices are in Canadian Dollars

NOVA SCOTIA

Halifax—			
Bank of Nova Scotia	10	73¾	74¼
Rights		3.20	3.30

ONTARIO

Toronto—			
Canadian Imperial Bank of Commerce	10	66½	67
Chartered Trust Co—			
New $10 par (shares split 2-for-1)		t65	67½
National Trust Co	2	28	28½
Toronto Dominion Bank	10	63⅞	64⅝

QUEBEC

Bank of Montreal	10	67⅝	68
Banque Canadienne	10	78¼	78½
Provincial Bank of Canada	10	50½	51
Royal Bank of Canada	10	77¼	77½

COLORADO

Denver—			
Central Bank & Trust	10	23	24
Colorado National Bank	25	83	87
Denver U S National Bank	10	36¾	38
First National Bank	50	280	320

CONNECTICUT

Bridgeport—			
City Trust Co	10	55	57
Connecticut National Bank	5	18¾	20
Glastonbury—			
Glastonbury Bank & Trust Co	10	115	--
Greenwich—			
Putnam Trust Co	10	53	--
Hartford—			
Connecticut Bank & Trust Co	12½	73½	74½
Glastonbury Bank & Trust Co	10	115	--
Hartford National Bk & Tr Co	10	68	69
Riverside Trust Co	10	55	56½
Simsbury Bank & Trust Co	10	100	--
South End Bank & Trust Co	10	35	--
Meriden—			
Home National Bank & Trust Co	10	36	--
Meriden Trust & Safe Dep Co	25	58	--
Puritan Bank & Trust Co	25	58	--
New Haven—			
First New Haven National Bank	10	36½	38½
General Bank & Trust Co	12.50	37	--
Second National Bank	12½	50	52
Tradesmen's National Bank	10	61	--
Union & New Haven Trust Co	10	41½	43½
New London—			
Union Bank & Trust Co	100	a500	--
Winthrop Bank & Trust Co	25	40	--
Stamford—			
Fairfield County Trust Co	10	53	54
Stamford Fidelity Bk & Tr Co	10	51	--
State National Bank of Conn	10	37½	39
Waterbury—			
Colonial Bank & Trust Co	10	65	--
Connecticut Natl Bk of Bridgeport	5	19	20⅜
Waterbury National Bank	12½	40	--

DELAWARE

Wilmington—			
Bank of Delaware	10	40	--
Colonial National Bank	10	33	--
Commercial Trust Co	10	17	--
Delaware Trust Co	5	60	--
Farmers Bank	5	100	--
First Natl Bank of Wilmington	10	15½	16
Peoples Bank & Trust Co	25	100	--
Wilmington Trust Co	6.25	79	81

DISTRICT OF COLUMBIA

Washington—			
American Security & Trust Co	10	140½	145
Bank of Commerce	100	a440	--
Industrial Bank	10	30	--
International Bank	1	4¼	4¾
National Bank of Washington	10	57½	61
National Savings & Trust Co	10	88	--
Riggs National Bank	25	181	187
Security Bank	25	110	--
Union Trust Co	10	48	--

FLORIDA

Jacksonville—			
American National Bank	10	46	49
Atlantic National Bank	10	85	88
Barnett Natl Bk of Jacksonville	20	70	73
Barnett National Securities	4	24	26
Central National Bank	10	15	17
First Bank & Trust Co	10	23	25
Florida National Bank	25	40	42
Riverside Bank	10	45	47
State Bank of Jacksonville	10	35	37
Miami—			
First National Bank	10	73	74
Florida National Bank & Tr Co	25	72	--
Little River Bank & Trust Co	10	34	--
Merchants Bank of Miami	10	24	--
Metropolitan Bank of Miami	10	17½	18½
Miami Beach First Natl Bank	10	69	--
Palm Beach—			
First National Bank	10	77	--
St. Petersburg—			
City Bank & Trust Co	20	58	63
First Natl Bank in St Petersburg	5	15	17
Florida National Bank	25	38	42
Union Trust Co	12½	38	42
West Palm Beach—			
Atlan Natl Bk of West Palm Bch	10	50	55

GEORGIA

Atlanta—			
Bank of Georgia (The)	10	42	--
Citizens & Southern Natl Bank	10	91½	92¼
First National Bank	10	65½	66
Fulton National Bank	10	61¼	62¼
Georgia Savings Bank & Tr Co	100	325	--
Peoples Bank (The)	10	34	--
Trust Co of Georgia	10	164	166
Augusta—			
First Natl Bank & Trust Co	10	*45.31	--
Savannah—			
Citizens & Southern Natl Bank	10	91½	92¼
Liberty National Bank & Trust	10	38	--
Savannah Bank & Trust	10	43½	46

HAWAII

Bank of Hawaii	8	57½	58¼
First National Bank of Hawaii	10	58¼	59
Hawaiian Trust Co	20	51	--

IDAHO

Boise—			
Idaho First National Bank	10	55½	58½

ILLINOIS

Aurora—			
Aurora National Bank	25	90	--
Chicago Banks—			
Aetna State Bank	12½	21	--
American National Bk & Tr	100	630	650
Avenue St Bank Oak Park	40	110	--
Bank of Chicago (The)	15	30	--
Belmont Natl Bank of Chicago	10	43	--
Beverly Bank	25	85	--
Central National Bank	10	39½	41
Chatham Bank of Chicago	100	225	325
Citizens National Bank	2	46	--
Commercial National Bank	20	40	--
Cont Ill Natl Bank & Trust	33⅓	171½	173
Cosmopolitan National Bank	100	185	--
Devon-North Town State Bank	20	68	76
District National Bank	10	38	--
Drexel National Bank	40	44	48
Drovers National Bank	10	30	--
Exchange National Bank	10	45	50
First Commercial Bank	20	58	--
First National Bank (Chicago)	20	78	80
First National Bank of Lincolnwood	10	15	18
First Security Trust & Sav	13⅓	14	--
Guaranty Bank & Trust Co	20	31	--
Irving State Bank	10	28	32
Jefferson State Bank	25	55	--
Lake Shore National Bank	10	42	46
La Salle National Bank new	25	49	52
Lawndale National Bank	10	62	--
Lincoln National Bank	25	70	--
Live Stock National Bank	20	36	--
Madison Bank & Trust Co	10	35	40
Main State Bank	10	35	--
Manufacturers National Bank	20	54	--
Marquette National Bank	20	50	--
Merchandise National Bank	10	36	38
Mercantile National Bank	20	52	55
Metropolitan State Bank	100	225	--
Michigan Avenue Natl Bank	20	58	--
Mid-America National Bank	40	115	--
Mid-City National Bank	100	255	270
Mutual National Bank of Chicago	1	36	--
National Bank of Albany Pk	12½	37	42
National Bank of Austin	50	84	--
National Bank of Commerce	20	57	--
National Bank of Hyde Park	20	55	--
National Boulevard Bank	20	95	--
Natl Security Bank of Chicago	25	76	81
North Shore National Bank	10	39	42
Northwest National Bank	20	77	--
Oak Park Trust & Savings Bank	50	110	--
Park National Bank	10	22	--
Peoples National Bank	10	22	26
Pioneer Trust & Savings Bank	25	90	105
Sears Bank & Trust Co	25	93	102
South Chicago Savings Bank	62½	195	--
South East National Bank	10	38	42
South Shore National Bank	10	37	--
State Bank of Clearing	100	180	--
Steel City National Bank	10	24	--
Univ National Bank of Chicago	100	650	750
Upper Avenue National Bank	50	130	--
Uptown National Bank	25	73	78
Western National Bank of Cicero	20	50	--
Chicago Trust Cos—			
Amalgamated Trust & Sav Bk	100	80	--
Chicago City Bank & Trust Co	50	125	--
Colonial Bank & Trust Co	10	35	--
Harris Trust & Savings Bank	20	102	105
Lake View Trust & Savings Bank	20	145	--
Northern Trust Co	20	135	138
South Side Bank & Trust Co	10	10	--
Peoria—			
Commercial National Bank	20	50	--
First National Bank	20	62	--
Jefferson Trust & Savings Bank	10	20	--
Prospect National Bank	20	33	--
South Side Trust & Sav Bank	100	120	--
University National of Peoria	20	33	--
Quincy—			
Broadway National Bank	25	35	--
Illinois State Bank	83⅓	85	--
Mercantile Trust & Sav Bank	50	100	--
South Side Bank of Quincy	100	110	--
Rockford—			
American National Bk & Tr Co	40	100	--
Central Natl Bank & Trust Co	25	90	--
City National Bank & Trust—			
New	20	30	--
First Natl Bank & Trust	40	87½	--
Springfield—			
First National Bank	20	72	--
Illinois National Bank	10	36	--
Springfield Marine Bank	25	100	--

INDIANA

Evansville—			
Citizens National Bank	12.50	42½	43½
Lamasco Bank	10	16	17
National City Bank	10	26	27
Old National Bank	10	36	38
Gary—			
Bank of Indiana	10	52½	56½
Gary National Bank	10	500	--
Indianapolis—			
Amer Fletcher Natl Bk & Tr Co	10	56½	60
Indiana National Bank	20	94½	--
Live Stock Exchange Bank	10	36	--
Merchants Natl Bank & Trust	10	71	--

*Sale price. a See comprehensive footnotes below. d Ex-rights. e Ex-5% stock dividend. t New stock. x Ex-dividend. z Ex-10% stock dividend. y Ex-20% stock dividend.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

	Par	Bid	Ask
South Bend—			
American Bank	10	22	23
First Bank & Trust Co	10	37	39
National Bank & Trust Co	10	30	32
St Joseph Bank & Trust Co	20	57	60
Terre Haute—			
Merchants National Bank	25	50	--
Terre Haute First Natl Bank	20	70	73

IOWA

	Par	Bid	Ask
Cedar Rapids—			
Guaranty Bank & Trust Co	20	51	--
Merchants National Bank	50	1100	1200
Peoples Bank & Trust Co	20	50	--
Council Bluffs—			
City National Bank	10	40	--
Council Bluffs Savings Bank	100	210	--
State Savings Bank	100	225	--
Des Moines—			
Bankers Trust Co	25	92½	97½
Capitol City State Bank	100	175	--
Central National Bank & Tr Co	50	375	--
Valley Bank & Trust Co	100	185	--

KANSAS

	Par	Bid	Ask
Topeka—			
Fidelity State Bank	100	375	--
First National Bank of Topeka	10	40	42
Merchants National Bank	25	51	52½
State Savings Bank	100	150	--
Topeka State Bank	25	75	--
Wichita—			
First National Bank	100	390	--
Fourth National Bank	10	47	49
Union National Bank	10	38	39½

KENTUCKY

	Par	Bid	Ask
Covington—			
Citizens National Bank	100	200	--
Covington Trust & Banking Co	10	22	--
First National Bk & Trust Co	10	37	--
Peoples-Liberty Bank & Trust	10	22	--
Security Bank	100	350	--
Lexington—			
Bank of Commerce	25	92	--
Citizens Union Natl Bk & Tr Co	10	31	32
First Security Natl Bank & Tr	12½	62	64
Second National Bank & Tr Co	100	275	--
Louisville—			
Bank of Louisville	20	a62	--
Citizens Fidelity Bank & Trust	10	56½	--
First National Bank	No par	130	--
Liberty National Bank & Trust	25	84	--
Louisville Trust Co	10	35	--
Royal Bank & Trust Co	10	a60	--
Stock Yards Bank	20	78	--
Newport—			
Newport National Bank	10	38	42

LOUISIANA

	Par	Bid	Ask
Jefferson Parish—			
First National Bank	1	64½	67
National Bank of Commerce	10	33	--
New Orleans—			
Bank of La in New Orleans	10	18	--
Bank of New Orleans & Trust Co	12.50	33	--
Hibernia National Bank	10	54⅞	56
Natl Amer Bank of New Orleans	10	49½	--
National Bank of Commerce	10	51½	53
Whitney Holding Co	*	49½	50½
Shreveport—			
Commercial National Bank	25	70	--
First National Bank	12½	69	--

MAINE

	Par	Bid	Ask
Augusta—			
First National Granite Bank	20	51	55
Depositors Trust Co	12.50	52	55
Bangor—			
Eastern Trust & Banking Co	100	320	--
Merchant's National Bank— Shares split 5-for-1		t30	--
Merrill Trust Co	20	43	48
Lewiston—			
First-Manufacturers National Bank of Lewiston & Auburn	12.50	36	40
Portland—			
Canal National Bank	10	35½	37½
Casco Bank & Trust Co	12½	38½	42
First National Bank	25	71	74
Waterville—			
Federal Trust Co	25	65	70
Westbrook—			
Westbrook Trust Co	25	49	52

MARYLAND

	Par	Bid	Ask
Baltimore—			
Carrolton Bank of Baltimore	10	35	--
Equitable Trust Co	10	126	132
First National Bank of Md	10	59	60½
Maryland National Bank	10	82	83½
Mercantile Safe Deposit & Tr Co	10	75½	77
Union Trust Co	10	68½	70
Cumberland—			
First-Second National Bank	25	42	--
Liberty Trust Co	10	30	--
Frederick—			
Farm & Mechanics-Citz Natl Bk	10	44	--
Frederick Co National Bank	10	29	--
Fredericktown Savings & Trust	20	55	--
Western Maryland Trust	10	43	--
Hagerstown—			
Farmers & Merchants Bank	10	25	--
Hagerstown Trust Co	10	21	--
Nicodemus National Bank	10	a67	--
Second National Bank	10	a95	--

MASSACHUSETTS

	Par	Bid	Ask
Boston—			
Boston Safe Deposit & Trust	25	150	--
City Bank & Trust Co	5	35	40
First National Bank	12.50	92	96
National Shawmut Bank	12½	68	72
New England Merchants National Bank	10	54	57
State Street Bank & Trust Co	10	40½	43½
United States Trust Co	10	41	44½
Beverly—			
Beverly National Bank	25	51	--
Beverly Trust Co	10	40	--
Brockton—			
Natl Bank of Plymouth County	10	31	--
Plymouth-Home National Bank		45½	--
Cambridge—			
Cambridge Trust Co	25	125	--
Harvard Trust Co	10	85	--
Everett—			
Everett National Bank	10	31	--
Middlesex Co National Bank	10	52	--
Fall River—			
Durfee (B M C) Trust Co	25	112	--
Fall River National Bank	25	80	--
Fall River Trust	100	225	--
Fitchburg—			
Safety Fund National Bank	50	170	--
Gloucester—			
Cape Ann Bank & Trust Co	20	70	--
Gloucester National Bank	10	29	--
Haverhill—			
Haverhill National Bank	100	1400	--
Merrimack Valley National Bank	20	44	47½
Holyoke—			
Holyoke National Bank	10	30	--
Park National Bank	50	80	--
Lawrence—			
Bay State Merchants National	12½	32	35
Lowell—			
Union National Bk of Lowell	12½	71	--
Lynn—			
Essex Trust Co	10	35	--
Lynn Safe Deposit & Trust	100	420	--
Security Trust Co	10	35	39
Malden—			
First National Bank	50	150	--
Malden Trust Co	10	45	49
New Bedford—			
First Safe Deposit National Bk	5	22	23½
Merchants National Bank	10	44	--
Salem—			
Merchants-Warren Natl Bank	10	36	--
Naumkeag Trust Co—			
Common	10	75	--
Preferred	10	10	--
Springfield—			
Safe Deposit & Trust Co	10	34½	36½
Security National Bank	10	53	--
Third Natl Bank of Hampden Co	10	35	--
100% stock dividend on May 1			
Valley Bank & Trust	10	41½	--
Taunton—			
Bristol County Trust	25	105	--
First Machinists' National Bank	10	27	29½
Worcester—			
Mechanics National Bank	100	650	--
Guaranty Bank & Trust Co	10	38	--
Industrial City Bank & Bkg Co	10	45½	--
Worcester County Natl Bank	10	54½	56½

MICHIGAN

	Par	Bid	Ask
Bay City—			
Bay City Bank	20	36	--
Peoples Natl Bank & Trust Co	10	31	--
Dearborn—			
Bank of Dearborn	10	28	29
Detroit—			
Bank of the Commonwealth	16⅔	57	59½
City National Bank of Detroit	10	42	44
Detroit Bank & Trust Co	10	56½	57¼
Manufacturers National Bank	10	57¼	58
National Bank of Detroit	12½	69½	70¼
Public Bank	25	12½	13¼
Flint—			
Citizens Commercial & Savings Bank	20	71½	73
Genesee Merchants Bk & Trust	10	61½	63
Grand Rapids			
Central Bank	10	54	57
Citizens Industrial Bank	100	350	--
Old Kent Bank & Trust Co	10	56	58
Union Bank & Trust Co	10	56	59
Lansing—			
Michigan National Bank	10	31	33
Montrose—			
Montrose State Bank	20	55	--
Saginaw—			
Second National Bank	25	68	71

MINNESOTA

Minneapolis—

First Bank Stock Corp—
Holds controlling interest in banks, etc., throughout the Ninth Federal Reserve District.
Quotation on page 65.

MISSISSIPPI

	Par	Bid	Ask
Jackson—			
Depos Guaranty Bank & Trust	10	83	84
First National Bank	5	55	56
Vicksburg—			
First National Bank of Vicksburg	8	25	--

MISSOURI

	Par	Bid	Ask
Kansas City—			
Baltimore Bank	100	250	--
Blue Hills Bank of Commerce	20	50	--
Central Bank	20	43	--
City National Bank & Trust Co	25	75	81
Columbia National Bank	25	59	--
Commerce Trust Co	20	65	70
Community State Bank	20	42	--
First National Bank	25	100	108
Grand Avenue Bank	20	72	--
Kansas City Bank & Trust Co	25	125	--
Linwood State Bank	20	33½	--
Livestock National Bank	10	21	--
Manufacturers & Merchants Bk	20	48	--
Merchants-Produce Bank	20	46	--
Mercantile Bank & Trust	25	37	--
Missouri Bank & Trust Co	100	175	--
National Bank in North KC	20	60	--
Park National Bank	100	200	--
Peoples Bank	100	140	--
Plaza Bank of Commerce	20	58	--
Southeast State Bank	100	200	--
South Side Bank	100	300	--
Traders National Bank	25	54	59
Union National Bank	10	35	--
University Bank	20	50	--
Westport Bank	100	475	--
St Joseph—			
First National Bank	100	250	--
St Louis Banks—			
American National Bank	20	45	--
Baden Bank	20	45	--
Big Bend Bank	25	49	--
Boatmens' National Bank	10	41½	43½
Bremen Bank & Trust Co	20	65	--
Cass Bank & Trust Co	20	55	--
Clayton Bankshares Corp	1	4½	5
Crestwood Bank	20	12	14
Crestwood Bank Shares Holding Co Units		30	35
First National Bank	10	43	44
Hampton Bank	10	18	--
Jefferson Bank & Trust Co	20	45	--
Jefferson-Gravois Bank	30	40	--
Manchester Bank	10	35	38
Manufacturers Bank & Trust Co	20	73	--
Northwestern Bank & Trust Co	20	50	--
St Louis Co National Bank	20	43	--
Security Trust Co	10	39½	40½
Southern Commercial & Sav Bk	20	58	--
South Side National Bank	20	78	--
Southwest Bank	10	26½	28
Tower Grove Bank & Trust Co	20	42	45
St Louis Trust Cos—			
Chippewa Trust Co	20	33	--
Lindell Trust Co	10	35	37
Mercantile Trust Co	12.50	50½	51½
Mound City Trust Co	10	21¼	22½
North St Louis Trust Co	20	85	--
St Louis Union Trust Co	10	66½	68½

NEBRASKA

	Par	Bid	Ask
Lincoln—			
First National Bank & Trust Co	20	83	--
National Bank of Commerce & Savings Association	20	64	--
Omaha—			
First National Bank	5	39¾	--
Omaha National Bank	10	39½	41½

NEW HAMPSHIRE

	Par	Bid	Ask
Manchester—			
Amoskeag National Bank	100	1,200	--
Nashua—			
Indian Head National Bank	25	115	--
Nashua Trust Co	25	90	--
Second National of Nashua	100	250	--
Portsmouth—			
First National Bank	20	60	--

*Sale price. a See comprehensive footnotes on page 93. d Ex-rights. t New stock. x Ex-dividend. y Ex-stock dividend. z Ex-50% stock dividend.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

NEW JERSEY

	Par	Bid	Ask
Asbury Park—			
Asbury Park & Ocean Grove Bk	5	a30½	32
First Merchants National Bank	2.50	10¾	11⅛
Atlantic City—			
Boardwalk National Bank	10	26	28
Guarantee Bank & Trust	1	6½	7½
Bayonne—			
Broadway National Bank	50	175	--
Bridgeton—			
Bridgeton National Bank	100	133	--
Cumberland National Bank	100	260	--
Farmers & Merch Natl Bank	20	36	--
Camden—			
Camden Trust Co	5	50½	52½
First Camden Natl Bk & Tr Co	6¼	47½	48½
Merchantville Natl Bk & Trust	5	38	--
Elizabeth—			
Central Home Trust Co	20	80	84
Elizabethport Banking Co	20	75	80
National State Bank	10	41½	44½
Union County Trust Co	10	43	46
Freehold—			
Central Jersey Bank & Trust Co—			
Split 2-for-1	2.50	13¼	14¼
Hackensack—			
Bergen County National Bank	25	165	--
Peoples Tr Co of Bergen County	5	30½	32
Haddonfield—			
Haddonfield National Bank	5	31½	33
Jersey City—			
Commercial Trust Co	10	49½	52½
First National Bank	10	40½	43½
Hudson County National Bank	10	29	31½
Trust Company of New Jersey	2½	11½	13
Long Branch			
New Jersey Trust Co	12.50	100	110
Maplewood—			
Maplewood Bank & Trust	20	195	--
Morristown—			
First National Iron Bank	10	40	--
Trust Co of Morris County	20	70½	--
Mt Holly—			
Union Natl Bank & Trust	10	36	--
Newark—			
Bank of Commerce	25	48	50
Broad National Bank	30	45	--
Fidelity Union Trust Co	5	52½	54½
Natl Newark & Essex Banking	10	36½	38½
National State Bank	6.25	43	45
New Brunswick—			
National Bank of N J	10	45	--
New Brunswick Trust Co—			
Common	10	14	--
3% class A preferred	10	10	--
Peoples National Bank	25	70	--
Passaic—			
Bank of Passaic & Clifton	10	56	--
Paterson—			
Broadway Bank & Trust	6½	32	34
First National Bank of Passaic County	25	98	101
Franklin Bank	10	33½	35
New Jersey Bank & Trust Co	11	41½	43
Peoples Bank of Hawthorne	10	15	17
Prospect Park National Bank	25	170	--
Plainfield—			
Plainfield Trust State Natl Bank	5	24	26
Point Pleasant—			
Ocean County National Bank	50	315	--
Rahway—			
State Bank of Rahway	12½	25	--
Red Bank—			
Monmouth County National Bk	1	7¾	8½
Rutherford—			
National Community Bank of Rutherford	12.50	44½	47
Toms River—			
First National Bank	5	30	31
Trenton—			
Broad Street National Bank	20	82	--
First Trenton National Bank	10	51	53
Security National Bank	25	70	--
Trenton Trust Co	5	78	--
Union City—			
Hudson Trust Co	8	21	23

NEW MEXICO

Albuquerque—			
First National Bank	12.50	49	50

NEW YORK

Albany—			
First Trust Co	10	87	95
Mechanics & Farmers Bank	10	52	--
National Commercial Bank & Trust Co of Albany	7.50	52½	55
State Bank of Albany	10	82	85
Auburn—			
National Bank of Auburn	50	*120	--
Brooklyn—			
See Kings and Queens County—			
Buffalo—			
Bank of Buffalo	10	31	--
Liberty Natl Bank & Trust Co	10	42½	--
Lincoln National Bank	5	14	--
Manufacturers & Traders Tr Co	5	28	30
Elmira—			
Chemung Canal Trust Co	5	27	31
Ithaca—			
Tompkins County Trust Co	10	54	58
Jamestown—			
Bank of Jamestown	10	33½	37
First National Bank	5	60	--
Kings and Queens County—			
Bensonhurst National Bank	5	26	--
Central State Bank	5	37	39
Kings County Trust Co	10	57½	59
Lafayette National Bank	10	65	75
National Bank of Far Rockaway	100	75	--
United Industrial Bank	100	325	--
United Natl Bank of Long Island	10	70	75
Kingston—			
Kingston Trust Co	20	73	--
Rondout National Bank	50	119	--
State of N Y National Bank	100	230	--
Long Island (Nassau County)—			
Bank of Rockville Centre Tr Co	100		
Bank of Westbury Trust	12.50	a1,200	--
Community Bank (Lynbrook)	20½	47	50
County National Bank (Mineola)	10	36	39
First Natl Bank (Farmingdale)	100	21	23
First National Bank (Glen Head)	5	a500	--
Franklin National Bank of Long Island—		47	50
Common	5	53¼	53¾
4.60 preferred	100	102½	104
Hempstead Bank	5	24½	25½
Long Island Natl Bk (Hicksville)	5	23	25
Long Island Tr Co (Garden City)	5	29¼	30¼
Matinecock Bank (Locust Valley)	5	48	51
Meadow Brook National Bank	5	25⅝	26⅛
Nassau Trust Co (Glen Cove)	5	43	47
Oceanside Natl Bk (Oceanside)	100	40	--
Peninsula Natl Bk (Cedarhurst)	6.25	33	35
Second National Bank & Trust (Hempstead)	10	50	55
Valley Natl Bank of Long Island	5	34½	35½
Long Island (Suffolk County)—			
Bank of Babylon	5	40	45
Bank of Smithtown	10	88	92
Bk of Suffolk Co (Stony Brook)	10	60	65
Bridgehampton National Bank	10	52	--
Eastern National Bank of L I (Smithtown)	5	14½	16½
First National Bank (Bay Shore)	10	70	80
First National Bank (East Islip)	5	26	--
Hampton Bays National Bank	100	800	--
Natl Bank of Lake Ronkonkoma	20	60	--
North Fork Bk & Tr (Mattituck)	10	75	--
Oysterman's Bank & Tr (Sayville)	5	38	--
Patchogue Bank (Patchogue)	5	42	46
Peoples Natl Bank (Patchogue)	5	59	63
Seaside Bk (Westhampton Beach)	20	65	--
Security Natl Bank of Long Island (Huntington)	5	32⅜	32⅞
Suffolk Co Natl Bk (Riverhead)	10	70	--
Tinker Natl Bk (East Setauket)	10	120	135
Newburgh—			
Highland National Bank	25	*68¼	--
New York City Banks—			
Bank of Commerce	10	55	57
Bank of New York (The)	100	384	389
Chase Manhattan Bank	12½	86⅛	86⅝
Chemical Bank New York Tr Co	12	87⅛	87⅝
Commercial Bank of No America	5	33	34
First National City Bank	20	104⅛	104⅝
Grace National Bank	100	600	630
Merchants Bank of N Y	6.25	48½	50½
Royal National Bank	5	23¾	24½
Sterling National Bank & Trust	15	67	70
New York City Trust Cos—			
American Trust Co	10	27	29
Bankers Trust Co	10	58	58½
Empire Trust Co	50	313	320
Federation Bank & Trust Co	10	45	46
Fiduciary Trust Co	10	55	59
Irving Trust Co	10	48¼	48¾
Manufacturers Hanover Trust Co	15	58	58½
Morgan Guaranty Trust Co	25	119	119½
Trade Bank & Trust Co	10	30	31
Underwriters Trust Co	40	120	140
U S Trust Co of New York New $10 par (split 2-for-1)		75¼	76¼
Rochester—			
Central Trust Co	20	74	78
Lincoln Rochester Trust Co	20	83	85
Security Trust Co	25	65	68
Schenectady—			
Citizens Trust Co	25	46	--
Mohawk National Bank	25	54	--
Schenectady Trust Co	16	57	--
Suffern—			
Rockland National Bank	5	36	37
Syracuse—			
First Trust & Deposit—			
Common	2.50	19	20½
Lincoln National Bank & Trust Co of Central New York	10	41	43
Merchants National Bank	10	43	45
Troy—			
Union National Bank	20	130	--
Utica—			
Bank of Utica	20	75	--
Marine Midland Trust Co of the Mohawk Valley	5	19	21
Oneida National Bank & Trust Co of Central New York	10	62	65
Watertown—			
Northern New York Trust	25	100	--
Name changed to Marine Midland Trust Co of Northern NY			
Watertown National Bank	40	34	--
Westchester County—			
County Trust Co (White Plains)	5	55½	56
First National Bank (Mount Vernon)	25	200	--
First National Bank (North Tarrytown)	100	1,000	--
First National Bank of Yonkers	2.50	23	24
First Westchester National Bank (New Rochelle)	5	30¼	31¼
National Bank of Westchester (White Plains)	5	33¾	34¼
Northern Westchester Natl Bank (Chappapua)	12.50	115	--
Scarsdale National Bank & Trust Co (Scarsdale)	10	48	--

NORTH CAROLINA

Asheville—			
Bank of Asheville	10	35	38
Charlotte—			
First Union National Bank	5	25	26¼
North Carolina National Bank	5	43	45
Durham—			
Central Carolina Bank & Trust	25	95	--
Mechanics & Farmers Bank	5	8	--
Hickory—			
First Natl Bk of Catawba County	5	28	30
Raleigh—			
First-Citizens Bank & Trust Co	10	265	--
Wilson—			
Branch Banking & Trust Co	5	60	63
Winston-Salem—			
Wachovia Bank & Trust	5	40¼	41¾

OHIO

Akron—			
Firestone Bank	25	65	--
First National Bank	10	60	62
Canton—			
Canton National Bank	50	60	65
Dime Bank	10	22	23
First National Bank of Canton	10	39½	41¼
Harter Bank & Trust Co	100	36½	38
Peoples Merchants Trust Co	25	51	53½
Cincinnati—			
Central Trust Co	10	45	46½
Fifth-Third Union Trust Co	25	84½	86½
First National Bank	10	62½	64
Northside Bank & Trust Co	50	125	--
Provident Bank	10	58	59½
South Ohio National Bank	20	48	--
Cleveland—			
Capital Bank	25	85	--
Central National Bank	16	56	56¾
Cleveland Trust Co	50	320	334
Continental Bank	10	38½	--
National City Bank	8	58	59
Society Corp vtc	1	51	52
Union Commerce Bank	10	41¾	43½
Columbus—			
City National Bank & Trust Co	10	62	--
Huntington National Bank	20	106	--
Dayton—			
National Bank of Dayton	12.50	50	--
Third National Bank & Tr Co	12½	53	--
Winters National Bank & Trust	10	34	--
Toledo—			
Lucas County Bank	50	a140	--
National Bank of Toledo	25	62	--
Ohio Citizens Trust Co	20	62½	--
State Bank of Toledo	50	a130	--
Toledo Trust Co	20	--	78

OKLAHOMA

Oklahoma City—			
First National Bank & Trust	10	51½	54
Liberty National Bank & Trust	10	51½	55¾
Tulsa—			
First National Bank & Trust	10	45½	48
First Okla Bancorporation	5	7¼	8
Fourth National Bank	10	30	--
National Bank of Tulsa	10	44	46
Utica Square National Bank	15	28	30

OREGON

Portland—			
First National Bank of Oregon	12½	67¼	--
Oregon (The) Bank of	20	34	34¾
Security Bank of Oregon	20	16¾	17¾
United States National Bank	20	78½	--

PENNSYLVANIA

Allentown—			
First National Bank	10	40½	42½
Lehigh Valley Trust Co	10	24	28
Merchants National Bank	10	41	43
Altoona—			
Altoona Central Bank & Tr Co	10	58	--
First National Bank	10	50	--
Berwyn—			
Upper Main Line Bank	10	36	--
Bryn Mawr—			
Bryn Mawr Trust Co	5	53	55
Carlisle—			
Farmers Trust Co	10	62	--
Chester—			
Delaware County Natl Bank	10	55	58
Doylestown—			
Doylestown Natl Bank & Trust	5	41	--
Doylestown Trust Co	20	74	--
Harrisburg—			
Dauphin Deposit Trust Co	10	65	--
Harrisburg National Bank & Trust Co	10	113	--
Keystone Trust Co	10	29	--
Lancaster—			
Conestoga National Bank	20	69	71
Farmers Bank & Trust	10	29	30
Fulton National Bank	20	66	68
Lancaster Co National Bank	10	42	44

*Sale price. a See comprehensive footnotes on page 93. d Ex-rights. t New stock. x Ex-dividend. y Ex-10% stock dividend. z Ex-25% stock dividend.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF MAY 31, 1963

	Par	Bid	Ask
Lemoyne—			
Lemoyne Trust Co	10	40	--
McKeesport—			
Peoples Union Bank & Tr Co	12.50	45	--
Western Pennsylvania Natl Bank	10	50	52
New Cumberland—			
Cumberland County National Bank & Trust	10	35	--
Norristown—			
Montgomery County Bk & Trust	10	32¼	33
Philadelphia Banks—			
Central-Penn National Bank	10	57¼	58¼
First Pennsylvania Banking & Trust Co	5	31	32
Philadelphia National Bank	10	57½	58½
Second National Bank of Phila	10	45	--
Philadelphia Trust Cos—			
Broad Street Trust Co	5	34½	35½
Citizens & Southern Bank	5	9	11
Fidelity-Philadelphia Trust Co	10	89¾	90¾
Frankford Trust Co	10	73½	--
Girard Trust-Corn Exchange Bk	10	a73¾	74¾
Industrial Valley Bank & Trust	5	33	34
Liberty Real Estate Bk & Tr Co	10	46½	49
Pennsylvania Warehousing & Safe Deposit Co	100	160	--
Provident Tradesmen's Bk & Tr	12	80½	81½
Sonsitaly Bank & Trust Co	50	45	--
Pittsburgh—			
Allegheny Valley Bank	50	90	--
Avalon Bank	50	180	--
Brookline Savings & Trust	12.50	55	--
Commonwealth Bank & Tr Co	100	48	--
Hazlewood Bank (The)	10	35	--
Iron & Glass Dollar Savings	100	250	--
Mellon Natl Bank & Trust Co	10	79	81
North Side Deposit Bank	40	95	--
Pittsburgh National Bank	10	42½	43½
St Clair Deposit Bank	10	30	--
Union National Bank	10	42	--
Pottsville—			
Miners National Bank	20	55	--
Reading—			
Berks County Trust Co	5	35	36
Peoples Trust-City Bank	5	23½	25½
Reading Trust Co	10	55	57
Scranton—			
East Scranton State Bank	25	41	--
Green Ridge Bank	12.50	65	--
North Scranton Bank & Trust	15	48	--
Northeast Pa Natl Bank & Tr	18	51	--
Scranton National Bank	50	130	--
South Side Bank & Trust	25	54	--
Third National Bank & Trust	25	69	--
West Side Bank	25	105	--
Wilkes-Barre—			
First National Bank	20	60	63
Hanover National Bank	20	60	--
Miners National Bank	10	41	42½
Wyoming National Bank	10	30	32
Williamsport—			
First National Bank	10	36	--
West Branch Bank & Trust	10	50	--
York—			
Drover & Mechanics Natl Bank	10	30	31
First National Bank	10	52	--
Industrial Natl Bank West York	10	38	41
National Bank & Trust Co of Central Pennsylvania	10	23½	25
York Bank & Trust Co	33	36	38

PUERTO RICO

(Commonwealth of)

Banco Credito Y Ahorro Ponceno	20	60	61
Banco Popular De Puerto Rico	20	100	--
Banco De Ponce	100	335	--

RHODE ISLAND

Providence—			
Citizens Trust Co	50	80	--
Columbus National Bank	10	26	30
Industrial National Bank of Rhode Island	10	55¾	58¼
Plantation Bank of Rhode Island	10	37	39½
Rhode Island Hospital Trust Co	10	80	84

SOUTH CAROLINA

Charleston—			
Citizens & Southern Natl Bank	10	102	105
South Carolina National Bank	5	51	53½
Columbia—			
First National Bank of South Carolina	5	44	--
Greenville—			
Peoples National Bank	10	70	--

TENNESSEE

	Par	Bid	Ask
Chattanooga—			
American National Bank & Tr	20	85	--
Hamilton National Bank	20	83	86
Knoxville—			
Hamilton National Bank	100	310	315
Memphis—			
First National Bank	10	58½	62½
National Bank of Commerce	10	60	63½
State Savings Bank	100	200	205
Tri-State Bank of Memphis	100	105	110
Union Planters National Bank	10	61½	65½
Nashville—			
Commerce Union Bank	10	31	33
First Amer National Bank	10	40	41
Third National Bank in Nashville	10	76	80

TEXAS

Dallas—			
American Bank & Trust Co	10	35	--
Bank of Services & Trust Co	10	33	--
East Dallas Bank & Trust	24	36	--
Empire State Bank	20	28	--
Exchange Bank & Trust Co	10	--	38
Fair Park National Bank	20	33	--
First Citizens Bank of Dallas	10	30	33
First National Bank	10	67¾	68½
Grand Avenue Bank & Trust Co	20	50	--
Greenville Ave State Bank	20	60	--
Grove State Bank	20	48	--
Hillcrest State Bank	20	55	--
Industrial National Bank	10	14	--
Lakewood State Bank	20	50	--
Mercantile National Bank	20	45	46
Merchants State Bank	20	52	--
National Bank of Commerce	10	40	45
Northwest National Bank		55	--
Oak Cliff Bank & Trust Co	10	50	--
Park Cities Bank & Trust		29	--
Preston State Bank	12	25¼	--
Republic National Bank	12	62	63
South Oak Cliff State Bank	100	225	--
Texas Bank & Trust Co	10	33½	35
Wynnewood State Bank	20	60	--
El Paso—			
Chelmont State Bank	10	30	--
El Paso National Bank	20	62	--
Southwest National Bank	20	59	--
State National Bank	100	430	--
Fort Worth—			
Continental National Bank	10	31	33
First National Bank	10	27½	30½
Fort Worth National Bank	10	38½	41½
Riverside State Bank	20	70	--
Union Bank	12½	30	34
Houston—			
American Bank & Trust Co	10	38	--
Bank of the Southwest N A	20	100	102½
Central National Bank	10	27½	--
Chimney Rock National Bank	20	60	--
Citizens State Bank	100	1000	1250
Fidelity Bank & Trust Co	20	76	--
First City National Bank	10	59½	61
Harrisburg National Bank	10	34	--
Houston Bank & Trust Co	20	88	--
Houston National Bank	10	42	--
Lockwood Natl Bk of Houston	10	62	--
Long Point National Bank	20	55	--
MacGregor Park National Bank	20	54	58
National Bank of Commerce	10	97	--
North Side State Bank	5	34	36
Reagan State Bank	20	80	--
South Main State Bank	20	80	--
Texas National Bank	10	67	69½
University State Bank	100	500	--
Port Arthur—			
First National Bank	20	73	--
San Antonio—			
Alamo National Bank	10	53	--
Bexar County National Bank	50	41	--
First National Bank	10	30	--
Frost National Bank	100	1375	--
Groos National Bank	100	40	--
Kelly Field National Bank	10	35	--
National Bank of Commerce	10	32½	34½

UTAH

	Par	Bid	Ask
Ogden—			
Commercial Security Bank	25	55	57
First Security Corp	1.25	43	44½
First Security Investment Co	25c	8	8½
Salt Lake City—			
Continental Bank & Trust Co	10	34½	36
Tracy-Collins Bank & Trust Co	6.25	67	72
Walker Bank & Trust Co	25	49	51
Zions First National Bank	10	85	90

VERMONT

Brattleboro—			
Vermont Bank & Trust Co	12	44	46
Montpelier—			
Montpelier National Bank	20	38	40
Rutland—			
Rutland County Bank	100	220	--

VIRGINIA

Lynchburg—			
Lynchburg Natl Bk & Trust Co	10	50	--
Norfolk—			
Seaboard Citizen National Bk	10	92	--
Virginia National Bank	5	37¾	38¾
Portsmouth—			
American National Bank	10	45	--
Citizens Trust Co	100	37	--
Merchants & Farmers Bank	10	48½	--
Richmond—			
Central National Bank	7.50	43¼	44¼
First & Merchants Natl Bank	10	46¾	47¾
Southern Bank & Trust	15	87	--
United Virginia Bank Shares Inc	10	34¼	35¼
Virginia Commonwealth Corp	10	42½	43½
Virginia Trust Co	20	75	--
Roanoke—			
Colonial-Amer National Bank	10	43	--
First National Exchange Bank	10	48	49½
Mountain Trust Bank	10	42	43

WASHINGTON

Seattle—			
Marine Bancorporation	No par	170	173
Pacific National Bank	10	35	36½
Peoples National Bank of Wash	20	74½	--
Seattle-First National Bank	10	70¼	71¼
Seattle Trust & Savings Bank	20	53½	--
Spokane—			
First National Bank in Spokane	100	130	135
Old National Bk of Washington	10	41	42¾
Old National Corp	10	42	44½
Washington Trust Bank	100	525	550
Tacoma—			
Puget Sound National Bank	10	45¾	47

WEST VIRGINIA

Huntington—			
First Huntington National	12½	67¼	70
Guaranty National Bk (The)	50	90	--
Twentieth Street Bank	25	45	55
Wheeling—			
Half Dollar Trust & Sav Bank	25	69	76
South Wheeling Bk & Trust Co	25	110	--
Security Natl Bank & Trust Co	20	76	--
Wheeling Dollar Sav & Tr Co	25	89	93

WISCONSIN

Milwaukee—			
American State Bank	10	60	--
Marshall & Ilsley Bank	10	51½	52½
City Bank & Trust Co	25	52	--
First Wisconsin National Bank	10	45	--
Home Savings Bank	20	32	--
Layton Park State Bank	20	48	--
Marine Corp	10	52½	55½
Mitchell St State Bank	20	50	--
West Side Bank	20	47	--

*Sale price. a See comprehensive footnotes below. d Ex-rights. tNew stock. x Ex-dividend. y Ex-5% stock dividend. z Ex-50% stock dividend.

Comprehensive Footnotes for Banks and Trust Companies (Mergers, Acquisitions, Etc.)

Asbury Park & Ocean Grove Bank (N. J.) subject to approval of stockholders may merge with New Jersey Trust Co. of Long Branch.

Bank of Commerce (Washington, D. C.). Comptroller of Currency has denied Riggs National Bank application to acquire this institution.

Bank of Louisville (Ky.). See Royal Bank & Trust Co. in this tabulation.

Bank of Rockville Centre Trust Co. (N. Y.) stockholders approve acquisition of all assets by Chemical Bank N. Y. Trust Co. If regulatory agencies approve stockholders will receive 14 shares for each share held.

Citizens National Bank (Los Angeles) proposed merger with Crocker-Anglo National Bank of San Francisco by exchange of 1.9 shares for each share outstanding is subject to stockholders approval on June 18. Crocker holders will vote on June 20 and combined bank would be Called Crocker-Citizens National Bank.

First National Bank (Farmingdale, N. Y.) holding company of Bankers Trust Co. (N. Y.) and existing subsidiary, but presently inactive may acquire shares by exchange of 12 Bankers Trust shares for each share held. Proposal has been filed with state and Federal regulatory agencies.

Girard Trust Corn Exchange Bank (Phila.) stockholders approve merger with Philadelphia National Bank. Name of new institution will be Philadelphia Girard National Bank & Trust Co. Girard stockholders will receive 1.2875 shares for each share held, and Philadelphia stock will be exchanged share-for-share.

Lucas County Bank (Toledo). See State Bank of Toledo in this tabulation.

Nicodemus National Bank (Hagerstown, Md.) if stockholders and Comptroller of Currency approve may merge with First National Bank of Maryland in Baltimore. If approved six shares will be exchanged for each five shares held.

Royal Bank & Trust Co. (Louisville, Ky.) stockholders approved proposed merger with Bank of Louisville, and change of name to Bank of Louisville-Royal Bank & Trust Co. Proposal is still subject to approval of regulatory authorities.

Second National Bank (Hagerstown, Md.) if stockholders and Comptroller of Currency approve will merge with and into Maryland National Bank of Baltimore. Holders will receive six shares for each five held.

State Bank of Toledo (Ohio) merger with Lucus County Bank of Toledo subject to stockholders and regulatory authorities approval may merge with Lucus County Bank of Toledo to form Lucas County State Bank.

State Bank of Toledo merger with Lucas County Bank of Toledo to form Lucas County State Bank has been approved by Comptroller of Currency.

Union Bank & Trust Co. (New London, Conn.) stockholders approve merger with and into Connecticut Bank & Trust Co. of Hartford. Subject to approval of regulatory agencies holders will receive one share for each seven held.

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Securities Called for Redemption

We are attempting to indicate in this tabulation not ONLY the issues being called for redemption, but also the details of any contemplated mergers, purchase or exchange offers, special interest payments OR dissolutions of the various companies (both listed and over-the-counter issues) quoted in this Record.

BONDS

Central Telephone Co. 5½s due July 1, 1972, entire issue called for redemption on July 1 at 104. Convertible into common at the rate of one share per $16.24 of debentures to July 1.

Dumas Milner Corp. 6s due June 1, 1971 entire issue called for redemption on June 1 at 103. Convertible into American Cynamid Co. common at rate of one share per $40 of debentures to May 31.

New Jersey Natural Gas Co. 5¼s due June 1, 1970, entire issue called for redemption on July 1 at 103.50. Convertible into common at rate $22 of debentures per common share to June 28.

Tampa Electric Co. 5s due July 1, 1990, entire issue called for redemption on June 3 at 107.

Textron American, Inc. 5s due Feb. 1, 1970, entire issue called for redemption on May 23 at 100.

STOCKS

Astron Corp. merged with Renwell Electronics Corp. to form Renwell Industries, Inc. Each Astron common is being exchanged for 1/9th common share of combined company.

Bush Terminal Buildings Co. stockholders approve liquidation of company. Distribution of about $40 per share is expected to begin about 30 after closing, set for May 8.

Chicago Mill & Lumber Co. subject to approval of stockholders on June 21 may merge with and into Kerr-McGee Oil Industries. If approved a new $1.25 convertible preferred $30 par value would be issued to effect exchange.

Consolidated Business Systems, Inc. acquisition by Diebold, Inc. is subject to stockholders approval on April 16.

Dumas Milner Corp. stockholders approve acquisition by American Cyanamid Co.

Federal Manufacturing & Engineering Corp. acquisition of remaining interest being acquired by Victoreen Instrument Co. Exchange calls for one share for each four held.

General Telephone Co. of the Southwest, entire issue called for redemption: 5½% preferred at $21 per share plus 18⅓ cents dividend, and the 5.6% preferred at $22 per share plus 19⅔ cents dividend. Both payable on May 31.

Gradiaz-Annis & Co. proposed acquisition by General Cigar Co. calls for exchange 3/5th common share for each share held.

Hunter Engineering Co. assets being acquired by American Metal Climax, Inc. Stockholders will receive about $9 per common share.

International Electronic Research Corp. acquired by Dynamics of America.

Iowa Southern Utilities Co. $1.76 conv. preferred, entire issue to be redeemed on July 3 at $32.25 per share plus 16 cents dividend. Convertible into common at rate of two shares per preferred share to July 2.

Jones & Lamson Machine Co. if stockholders approve may be acquired by Pneumo-Dynamics Corp.

Northern Insurance Co. (N. Y.) stock purchase offer provides that Maryland Casualty Co. would acquire company's stock by exchange of stock on a share-for-share basis after Maryland's 5% stock dividend.

Oz Publishing Corp. 80% of common stock acquired by America Corp.

Pacotronics, Inc. see Transvision Electronics in this tabulation.

Rantec Coporation subject to approval of both companies, may merge with and into Emerson Electric Mfg. Co. If approved holders will receive one share of new preferred for each 2.35 shares held.

Sagamore Mfg. Co. 80% of stock acquired by United Industrial Syndicate, Inc. through purchase offer at $12 per share.

St. Louis Capital, Inc., if stockholders approve liquidation plan calls for distribution of assets which are estimated to be in excess of $9 per share.

Southern California Edison Co. both conv. preference issues being redeemed on July 31. The 4.48% at $28.75 per share, and the 4.56% at $26.25 per share.

Waco Aircraft Co. stockholders approve merger with and into Aero Industries, Inc. Holders to receive 1⅝ shares for each share held.

Water Industries Capital Corp. directors voted to recommend to stockholders that the corporation be dissolved and its assets be distributed. Date has not been set for meeting, proposal also subject to approval of SBA.

Webster Publishing Co. may merge with and into McGraw-Hill Publishing Co. If approved each share of Webster stock will receive ½ share of a new class of McGraw stock.

Zonolite Company merged into W. R. Grace & Co. Stockholders receive 0.255 shares for each share held.

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New York Stock Exchange—Bonds

Continued from page 15

Sales in May Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY: May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1: Lowest Sale Prices	Highest Sale Prices
	Union Oil of California—											
----	2¾s debentures 1970	J-D	89½	Sale	91	--	91	--	-- ------	-- ------	89½ Jan 2	91 Feb 20
30,000	4⅞s debentures 1986	J-D	104½	106½	104½	--	105¼	--	105 May 10	105¼ May 16	104½ Feb 11	105⅜ Mar 1
487,000	4¼s conv subord debs 1991	J-D	118½	Sale	119	Sale	124	Sale	118⅝ May 1	125 May 14	114½ Mar 1	125 May 14
29,000	Union Pacific RR 2⅞s 1976	F-A	84½	90	86¼	87	87	--	86¾ May 20	87¼ May 15	84⅞ Jan 8	87¼ May 15
20,000	Ref mtge 2½s ser C 1991	M-S	69¾	Sale	71	71½	70⅝	Sale	70⅝ May 31	72 May 13	69⅝ Jan 11	72 May 13
11,000	Union Tank Car Co 4¼s 1973	A-O	99¼	101	99¾	--	100¼	--	100¼ May 8	100½ May 15	99½ Jan 31	100½ Mar 20
13,000	5s s f debentures 1986	F-A	104¾	105½	106½	--	105½	Sale	105½ May 31	106½ May 7	104 Feb 14	106½ May 7
	United Air Lines Inc—											
379,000	4⅞s conv subord debs 1985	J-D	120½	Sale	133¾	Sale	135	Sale	130½ May 13	136½ May 23	119 Mar 11	136½ May 23
----	United Biscuit 2¾s debs 1966	A-O	95	--	94¾	--	94¾	--	-- ------	-- ------	-- ------	-- ------
----	3⅜s debentures 1977	M-S	92½	--	90	--	91½	92	-- ------	-- ------	93 Jan 3	93 Jan 3
----	United Gas Corp 2¾s 1970	J-J	89½	--	90⅞	--	90⅞	--	-- ------	-- ------	89½ Jan 23	90⅞ Mar 26
14,000	1st mtge & coll tr 3⅝s 1971	J-J	96	Sale	96⅛	--	96⅛	--	96⅛ May 9	96½ May 6	96 Jan 2	97 Jan 23
17,000	1st mtge & coll tr 3½s 1972	F-A	94	--	94½	--	94½	--	94½ May 6	94½ May 6	94⅛ Jan 11	97 Mar 26
----	1st mtge & coll tr 3⅜s 1975	M-N	93⅛	--	92⅛	--	92½	--	-- ------	-- ------	-- ------	-- ------
9,000	4⅜s s f debentures 1972	A-O	100¾	--	99½	100¼	100⅛	--	99½ May 9	99⅝ May 8	99½ May 9	101⅛ Feb 6
----	3¾s s f debentures 1973	A-O	91⅝	--	91⅝	--	91⅝	--	-- ------	-- ------	91⅝ Apr 25	91⅝ Apr 25
12,000	1st mtge & col ltr 4½s 1977	M-S	102	Sale	101¼	103	101¾	102¼	101¾ May 29	103 May 14	101½ Mar 5	103¼ Feb 18
49,000	1st mtge & coll tr 4¼s 1978	M-S	101	Sale	--	99½	100	101	99½ May 7	101 May 8	99¼ Feb 20	101⅜ Jan 14
30,000	4⅝s s f debentures 1978	J-J	102	103	100¾	102¾	102	102⅞	101⅜ May 15	102¾ May 3	101⅜ May 15	103¼ Jan 17
44,000	1st mtge & coll tr 5s 1980	M-N	104½	105⅞	104½	--	104¾	Sale	104 May 24	105 May 16	104 May 24	106 Jan 14
16,000	5⅛s s f debentures 1980	M-N	103¾	105¼	104	105½	103⅝	105	104 May 13	105 May 22	104 May 13	105½ Jan 9
19,000	1st mtge & coll tr 4⅝s 1982	J-D	103	104	101	102⅞	102	102⅞	101⅞ May 17	102⅞ May 17	101½ Apr 19	105 Mar 27
	United States Freight Co—											
785,000	5s conv subord debs 1981	A-O	139	Sale	151	Sale	153½	Sale	149 May 20	156 May 23	132 Feb 12	156 May 23
----	U S Rubber Co 2⅝s deb 1976	M-N	85	--	86½	88½	86½	88½	-- ------	-- ------	85 Jan 8	86½ Jan 24
----	2⅝s debentures 1967	A-O	93⅛	--	93⅝	--	93⅝	--	-- ------	-- ------	93⅛ Jan 9	93⅛ Jan 9
	United States Steel Corp—											
410,000	4s s f debentures 1983	J-J	97¾	Sale	97⅜	Sale	97¼	Sale	96½ May 28	97¾ May 9	96 Apr 15	98⅝ Jan 15
380,000	4½s s f debentures 1986	A-O	103⅝	Sale	102⅞	Sale	102⅜	Sale	102⅜ May 28	103¼ May 1	102¼ Apr 18	104⅜ Jan 11
	Vanadium Corp of America—											
----	3⅛s conv subord debs 1969	J-D	79	85	85¾	93	86¼	88	-- ------	-- ------	86 Feb 13	90 Feb 21
78,000	4¼s conv subord debs 1976	M-S	79½	Sale	77½	Sale	77¾	Sale	77½ May 1	79 May 15	77 Mar 26	82 Jan 25
	Vendo (The) Company—											
231,000	4½s conv subord debs 1980	M-S	106	Sale	102	102½	107¼	Sale	101¾ May 2	107¼ May 31	99 Apr 25	114 Jan 15
	Virginia Electric & Power—											
----	1st & ref M 2¾s ser E 1975	M-S	86¾	87½	--	86½	--	86½	-- ------	-- ------	86 Mar 22	86½ Jan 8
----	1st & ref M 3s ser F 1978	M-S	--	--	--	--	80	--	-- ------	-- ------	-- ------	-- ------
----	1st & ref M 2⅞s ser G 1979	J-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	1st & ref M 2¾s ser H 1980	M-S	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
4,000	1st & ref M 3⅜s ser I 1981	J-D	87	89⅛	87	88½	89¾	--	88¼ May 24	89½ May 27	87½ Jan 11	89½ Feb 20
16,000	1st & ref M 3¼s ser J 1982	A-O	--	86¾	--	87½	86	--	86 May 14	86 May 14	86 May 14	87¼ Mar 5
1,000	Va & Southw 1st gtd 5s 2003	J-J	84½	--	84¼	--	89⅛	--	86 May 8	86 May 8	86 Apr 30	88 Apr 30
----	Gen mtge 4¼s 1983	M-S	91⅛	--	91⅛	--	91⅛	--	-- ------	-- ------	-- ------	-- ------
25,000	Virginia Ry 3s series B 1995	M-N	75¼	76⅝	77	78⅛	77⅛	--	77⅛ May 28	78⅛ May 3	77 Apr 25	78⅛ May 3
----	1st lien & ref M 3¼s ser C '73	A-O	90	92	90	92	90⅛	--	-- ------	-- ------	90⅛ Jan 18	90½ Jan 23
12,000	1st lien & ref 4s ser F 1983	M-N	91⅝	--	91⅞	Sale	92½	--	91⅞ May 1	94½ May 24	91⅞ Feb 19	94½ May 24
57,000	6s subord income debs 2008	F-A	116⅝	--	120	Sale	120	Sale	120 May 1	121 May 14	117⅜ Jan 7	121 Apr 26
	Vornado Inc—											
684,000	5s conv subord debs 1982	M-S	91¾	Sale	97	97½	100½	Sale	95 May 21	104¾ May 24	90½ Mar 27	104¾ May 24
	Wabash RR Co—											
6,000	Gen mtge 4s ser A Jan 1981	April	74	Sale	76¼	79⅞	78	83¾	79 May 15	81¾ May 22	74 Jan 2	81¾ May 22
338,000	Gen inc 4¼s ser B Jan 1991	April	73¼	Sale	78	80½	78	79	78 May 9	79 May 15	73¼ Jan 2	82 Feb 27
27,000	1st mtge 3¼s ser B 1971	F-A	87⅛	88½	90¼	--	90⅝	91½	90⅛ May 16	91½ May 2	87⅝ Jan 4	91½ May 2
----	Warren RR 1st ref gtd 3½s 2000	F-A	33¼	Sale	36½	40¾	37⅛	40½	-- ------	-- ------	33¼ Jan 2	40½ Feb 18
----	Wash Term 2⅝s ser A 1970	F-A	85¼	--	86	--	86	--	-- ------	-- ------	-- ------	-- ------
65,000	Westchester Lightg 3½s 1967	J-J	98	99	98¾	Sale	98⅞	Sale	98¼ May 6	99 May 8	97½ Apr 18	99 Jan 7
----	Gen mtge 3s gtd 1979	M-N	79½	85	79½	--	79½	85	-- ------	-- ------	-- ------	-- ------
5,000	West Penn Electric 3½s 1974	M-N	91	--	91	--	91¼	--	91 May 6	93¾ May 20	91 May 6	93¾ May 20
	West Penn Power—											
89,000	1st mtge 3½s ser I 1966	J-J	99¼	100	99	Sale	98½	--	98½ May 29	99½ May 7	98 Apr 15	100 Jan 7
114,000	West Shore 1st 4s gtd 2361	J-J	57¼	Sale	59¼	Sale	62¼	Sale	59 May 2	63 May 22	57¼ Jan 2	63 May 22
90,000	Registered 2361	J-J	57¼	Sale	59½	Sale	62⅝	Sale	59 May 1	62⅝ May 28	57¼ Jan 2	62⅝ May 28
	Western Maryland Ry Co—											
30,000	Gen mtge 4s ser A 1969	J-J	95⅜	--	97⅝	--	99	Sale	97⅝ May 3	99 May 28	95⅜ Jan 2	99 May 28
5,000	1st mtge 3½s ser C 1979	A-O	80½	--	79½	--	81	--	81 May 24	81 May 24	79½ Apr 30	81 May 24
19,000	5½s debentures 1982	A-O	98	--	100⅛	101	100	101	100 May 13	101 May 9	98 Jan 21	101 Apr 18
20,000	Western Pacific RR 3⅛s 1981	J-J	70	--	76	--	78½	--	80 May 22	81 May 28	80 May 22	81 May 28
10,000	5s income debentures 1984	May	98	Sale	99⅞	100¼	100¼	--	99⅜ May 13	100¼ May 28	97¾ Jan 4	100½ Mar 25
105,000	Western Union Tel 5¼s 1987	F-A	105	106	105⅞	107½	105½	106½	105¼ May 21	105⅞ May 14	104½ Feb 6	107½ Feb 21
----	Westinghouse Elec 2⅝s 1971	M-S	86	--	89½	90	89⅜	--	-- ------	-- ------	88½ Jan 22	91 Apr 23
	Wheeling & Lake Erie RR—											
----	Gen & ref M 2¾s ser A 1992	M-S	75¼	--	77	87	77	87	-- ------	-- ------	-- ------	-- ------
16,000	Wheeling Stl 3¼s ser C 1970	M-S	98⅞	--	99¼	--	99⅛	100¼	99¼ May 14	99½ May 13	99 Jan 7	100¼ Apr 23
10,000	1st mtge 3¼s ser D 1967	J-J	98½	--	99¾	--	99¾	--	99¾ May 2	99¾ May 2	98½ Jan 11	99¾ Apr 16
147,000	3¾s conv debentures 1975	M-N	86⅝	90	90	93	90½	Sale	89 May 6	91½ May 20	88¼ Jan 3	93 Apr 16
19,000	Whirlpool Corp 3½s 1980	F-A	86¾	--	86¾	87½	86¾	88½	86¾ May 6	86¾ May 6	86¾ Jan 16	86¾ Jan 16
----	Wilson & Co 4⅛s sf debs 1978	J-J	97½	--	97½	--	97½	--	-- ------	-- ------	97½ Apr 22	99 Mar 12
	Wisconsin Central RR Co—											
116,000	1st mtge 4s ser A 2004	J-J	65½	Sale	63	71	70⅛	71½	69 May 9	71½ May 24	65⅛ Jan 3	71⅞ Mar 5
286,000	△4½s inc ser A Jan 1 2029	May	57	Sale	60	Sale	59½	61	d59½ May 24	61¼ May 10	57 Jan 2	72 Apr 26
----	Wisconsin Elec Pwr 2⅝s 1976	J-D	83¾	Sale	83⅝	85	83⅝	85	-- ------	-- ------	83¾ Jan 2	84¼ Mar 4
----	1st mtge 2⅞s 1979	M-S	--	--	81	--	81	--	-- ------	-- ------	-- ------	-- ------
1,000	Wisconsin Pub Serv 3¼s 1971	J-J	83¾	85	92½	--	93⅞	--	93¾ May 3	93¾ May 3	92½ Mar 4	93¾ May 3
----	Yonkers Elec Lt & Pr 2⅝s '76	J-J	80	--	79	--	79	--	-- ------	-- ------	-- ------	-- ------
	Youngstown Sheet & Tube Co											
10,000	1st mtge 4½s ser H 1990	A-O	102	104	102	--	102⅛	103⅜	102⅜ May 16	102⅜ May 16	102 Jan 30	102⅜ May 16

* Negotiability impaired by maturity.

△ Bond selling flat.

‡ Companies reported as being in bankruptcy receivership or being reorganized under Section 77 of the Bankruptcy Act or securities assumed by such companies

¶ The following bonds have been called for redemption, either partially or entirely: None.

a Deferred delivery sale.
r Cash sale.
t Odd-lot sale.

x Sold ex-interest.

e The following transactions were made during the current month and are not included in the year's range because of the reason shown below:

None.

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American Stock Exchange

Continued from page 39

Aggregate Sales in May $	Aggregate Sales Since Jan. 1 $	American Stock Exchange BONDS	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN MAY — May 1 Opening or Bid	May 1 Opening or Ask	May 31 Closing or Bid	May 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 — Lowest Sale Prices	Highest Sale Prices
153,000	630,000	Natl Bellas Hess 6s 1984	107	Sale	104¾	Sale	107¼	Sale	103 May 7	108¾ May 24	103 May 7	108¾ May 24
97,000	481,000	National General 5½s 1974	82½	Sale	86¾	Sale	88	Sale	86 May 3	88 May 17	82⅛ Jan 10	88 Feb 27
415,000	1,800,000	National Research 5s 1976	108	Sale	111⅞	Sale	120	Sale	111 May 1	121½ May 23	105 Jan 30	121½ May 23
58,000	329,000	Nuclear Corp of America— 5½s conv debs 1976	70	Sale	67¼	Sale	64	66	62½ May 21	67½ May 2	59 Apr 8	77 Jan 17
90,000	410,000	Ohio Power 3¼s 1968	97⅛	Sale	96	Sale	96	Sale	96 May 1	96½ May 13	96 Apr 11	98 Feb 7
2,000	50,000	1st mortgage 3s 1971	90	--	92¼	--	92¼	--	92¼ May 3	92¼ May 3	90 Feb 20	93 Jan 15
8,000	64,000	Penn Water & Pw 3¼s 1964	97¾	--	99	99¼	98¾	Sale	98¾ May 28	99 May 10	97¾ Mar 19	100 Feb 7
5,000	13,000	3¼s 1970	94½	96½	94¾	--	95	--	95 May 15	95 May 15	94½ Feb 4	95 May 15
12,000	76,000	Pub Serv El & Gas 6s 1998	125	129	127½	Sale	125⅝	--	125⅝ May 1	127½ May 1	124 Jan 8	127½ Apr 16
383,000	695,000	Rapid-American 7s 1967	98	Sale	85¼	Sale	86	Sale	74 May 17	90½ May 28	74 May 17	100 Jan 14
1,132,000	2,655,000	5¾s conv sub debs 1977	90	Sale	74	Sale	68¼	Sale	57 May 16	74 May 1	57 May 16	93½ Feb 6
14,000	64,000	Realty Equities Corp— 7½% sub deb ww 1972	88	88½	86	87	88	Sale	85¼ May 15	88½ May 24	85 Mar 27	91½ Jan 15
20,000	82,000	Reeves Broadcasting & Development 6s 1976	75	80	82½	Sale	86	92	86½ May 1	92 May 29	72 Jan 4	92 May 29
----	6,000	Safe Harbor Wt Pr 3s 1981	85	--	85	--	85	--	-- ------	-- ------	85 Feb 26	85 Feb 26
471,000	1,517,000	Southern Cal Edison 3s 1965	99	Sale	99¼	Sale	98¾	Sale	98½ May 29	99⅜ May 6	98½ May 29	99¾ Apr 29
----	17,000	3⅛s series A 1973	89	--	87	--	87	--	-- ------	-- ------	85 Mar 25	92 Jan 14
----	21,000	3s series B 1973	88½	Sale	88¼	91	88½	91	-- ------	-- ------	88¼ Apr 25	90¼ Jan 4
10,000	13,000	2⅞s series C 1976	86½	--	86½	87	86½	87	86½ May 21	86½ May 21	86½ Jan 22	87 Apr 4
----	24,000	3⅛s series D 1976	85	--	86½	89	86½	89	-- ------	-- ------	87 Mar 1	89 Feb 20
10,000	58,000	3⅝s series E 1978	93⅛	94¼	91¾	94	93	93¾	93¾ May 29	93¾ May 29	92¼ Apr 22	94½ Feb 1
----	38,000	3s series F 1979	79	--	84½	87	84½	85¾	-- ------	-- ------	85 Apr 9	87⅜ Feb 11
88,000	204,000	3⅝s series G 1981	92⅞	93½	91	Sale	91½	92½	91 May 1	92½ May 21	91 Apr 15	93½ Jan 11
48,000	224,000	4¼s series H 1982	100¼	101¼	101	Sale	100½	Sale	100½ May 22	101 May 1	99¼ Feb 7	101⅜ Jan 10
13,000	48,000	4¾s series I 1982	104½	Sale	102⅛	Sale	103⅝	--	101½ May 17	103½ May 21	101½ May 17	104¾ Jan 4
26,000	78,000	4⅞s series J 1982	104	Sale	104½	--	104	--	103½ May 16	104½ May 10	102¾ Apr 18	105 Mar 8
47,000	87,000	4⅝s series K 1983	103¼	--	102½	104½	103½	Sale	101½ May 17	103½ May 29	101½ May 17	104¼ Jan 10
8,000	55,000	5s series L 1985	104½	106	102	104¾	104¾	107	104¾ May 9	104¾ May 9	104¾ Jan 17	106 Jan 3
36,000	140,000	4⅜s series M 1985	101⅝	--	100½	101½	100½	101⅝	100½ May 8	101⅝ May 17	100¼ Apr 15	103½ Jan 9
5,000	82,000	4½s series N 1986	102¾	Sale	101	102⅞	101⅛	102	101⅞ May 28	102⅝ May 10	101½ Apr 10	104¼ Jan 28
43,000	191,000	4¼s series O 1987	101⅛	--	101⅜	--	99	101	100½ May 22	101¾ May 14	99½ Apr 16	101¾ May 14
23,000	282,000	4¼s series P 1987	--	--	101	102	99¼	101⅞	101½ May 23	102 May 2	100⅜ Feb 1	102 Mar 26
33,000	118,000	South Calif Gas 3¼s 1970	94¾	Sale	93¾	Sale	93¾	94½	93¾ May 1	94½ May 10	93¾ Apr 15	95½ Jan 22
15,000	49,000	Southern Counties Gas of California 3s 1971	91	91½	91¾	92½	91¾	92½	91¾ May 6	91¾ May 6	91¼ Jan 17	91⅞ Feb 15
----	17,000	Southwestern Gas & Electric 3¼s A 1970	93⅛	--	93⅜	--	93⅛	--	-- ------	-- ------	93⅛ Jan 24	94¾ Jan 8
11,000	102,000	Szabo Food Service 6s 1973	90	92	88	92	90	92½	88 May 15	90 May 24	87½ Feb 7	92 Feb 25
105,000	387,000	Teleregister Corp 6s 1980	67	73½	81	Sale	80	82	78 May 1	82 May 9	66½ Jan 3	82 May 9
441,000	818,000	Transportation Corp of America 6½s 1973	100	Sale	97½	Sale	102½	Sale	97½ May 1	103½ May 28	90⅛ Mar 7	103½ May 28
16,000	132,000	United Improvement & Investment Corp 6s 1976	87	96	96	Sale	88	91	82½ May 21	96 May 1	82½ May 21	100 Jan 10
81,000	173,000	U S Natural Gas 6s 1977	146	155	161	Sale	190	Sale	160 May 8	190 May 27	140½ Jan 31	190 May 27
9,000	85,000	Wash Water Pr 3½s 1964	99½	100¼	99	100¼	99	99½	99 May 2	99¼ May 10	98¾ Jan 18	99½ Jan 3
161,000	779,000	Webb & Knapp Inc 5s 1974	70⅛	Sale	56	Sale	55¼	Sale	53 May 1	59¼ May 20	53 May 1	70½ Jan 11
		FOREIGN GOVERNMENT AND MUNICIPALITIES										
----	----	△Baden (Germany) 7s 1981	120	--	120	--	120	--	-- ------	-- ------	-- ------	-- ------
3,000	3,000	△Danzig Port & Waterways Board 6½s 1952	7	13½	6½	7¾	7¾	Sale	7¾ May 31	7¾ May 31	7¾ May 31	7¾ May 31
----	4,000	German Sav Bank & Clear Assn debt adjust debs 5¼s series A 1967	97½	--	97½	--	97½	--	-- ------	-- ------	97½ Feb 8	97½ Feb 8
----	4,000	4½s series B 1967	94¾	--	95¼	--	95¼	--	-- ------	-- ------	95 Feb 25	95¼ Apr 9
----	----	△Hanover (Prov) 6½s 1949	110	--	110	--	110	--	-- ------	-- ------	-- ------	-- ------
1,000	25,000	Maranhao (State of) Brazil Stpd pursuant to Plan A Int red to 2⅛% 2008	63½	--	67	70	65	70	70 May 9	70 May 9	66 Jan 30	70 May 9
----	23,000	Mtge Bk of Denmark 5s 1972	99	99⅞	99	100	99⅞	100	-- ------	-- ------	99 Jan 21	100 Apr 2
----	7,000	Parana (Brazil)— Stpd pursuant to Plan A Int red to 2⅛% 2008	50	61	50	55	50	53	-- ------	-- ------	51 Apr 18	60 Mar 13
264,000	1,340,000	Peru (Republic of)— 3s sinking fund 1997	43⅞	Sale	48	Sale	48	Sale	46½ May 13	48 May 1	42⅛ Jan 18	48 Apr 24
3,000	40,000	Rio de Janeiro— Stpd pursuant to Plan A Int red to 2% 2012	44	54	48	50	48⅛	50	48 May 13	48¼ May 6	46 Mar 18	49 Feb 14

* No par value.
† Reported in receivership.
a Deferred delivery sale.
d Ex-interest.
f Ex-liquidating distribution.
g Ex-stock dividend.
r Sold for cash.
x Ex-dividend.
y Ex-rights.
z Corrected volume.

△Bonds being traded flat.

Abbreviations used above:
"cod"—Certificates of deposit.
"cons"—Consolidated.
"conv"—Convertible.
"cum"—Cumulative.
"m"—Mortgage.
"n-v"—Non-voting.
"vtc"—Voting trust certificates.
"x w"—Without warrants.

Deferred delivery sales, of which no account is taken in computing range, are given below:
No sales.

Under the rule sales, of which no account is taken in computing range, are given below:
No sales.

Cash sales, of which no account is taken in computing range, are given below:
No sales.

‡The volume of trading and the range of sale prices published here, is simply the trading and range for the new shares since this issue was either split, or since new stock was issued in connection with a stock dividend. The range and volume for the old shares can be found in the back issues of the BANK AND QUOTATION RECORD, in the month when the issue was removed from trading.

Details of all 1963 stock dividends and split-ups, are indicated below in alphabetical arrangement.

Name of Issue	Basis of Split or Stock Dividend	Date When Admitted to Trading
Burroughs (J P) & Son	One-for-three	Apr 1
Masco Corporation	100% in stock	May 9 wi
National Rubber Machinery Co.	Two-for-one	Apr 29
Oxford Manufacturing Co.	100% in stock	Mar 21 wi
Reliance Insurance Co.	Two-for-one	Apr 18 wi
Roosevelt Raceway, Inc.	Four-for-one	Apr 18
Tampa Electric Co.	100% in stock	Apr 17 wi

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