BANK and QUOTATION RECORD

REG. U. S. PATENT OFFICE

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January 1963

William B. Dana Company, Publishers

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

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BANK and QUOTATION RECORD

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

Volume of Business on New York Stock Exchange

Month of December—	1962	1961	1960	1959
Stock sales (shares)_	80,962,353	82,402,535	77,354,585	72,244,193
Bond sales (par value)—	$	$	$	$
Railroad and misc.	99,665,000	129,090,000	122,924,000	150,433,000
International Bank	5,000	2,000	------	------
Foreign Govt.-----	8,900,000	6,641,000	7,251,000	5,309,000
United States Govt.	------	------	------	------
Total bond sales	108,570,000	135,733,000	130,175,500	155,742,000
Jan. 1 to Dec. 31—	1962	1961	1960	1959
Stock sales (shares)_	962,155,308	1,021,264,589	766,693,818	820,296,279
Bond sales (par value)—	$	$	$	$
Railroad and misc.	1,361,100,400	1,566,120,000	1,270,509,600	1,517,076,600
International Bank	20,000	5,000	------	16,000
Foreign Govt.-----	93,441,600	69,912,100	75,905,650	68,619,600
United States Govt.	------	------	4,500	12,000
Total bond sales	1,454,562,000	1,636,037,100	1,346,419,750	1,585,724,200

Volume of Business on American Stock Exchange

Month of December—	1962	1961	1960	1959
Stock sales (shares)_	27,155,910	39,836,935	28,771,228	37,837,853
Bond sales (par value)—	$	$	$	$
Domestic----------	5,095,000	6,134,000	2,868,000	3,596,000
Foreign Govt.-----	197,000	243,000	173,000	92,000
Foreign corporate_	25,000	134,000	158,000	140,000
Total bond sales	5,317,000	6,511,000	3,199,000	3,828,000
Jan. 1 to Dec. 31—	1962	1961	1960	1959
Stock sales (shares)_	308,609,304	488,831,037	286,039,982	374,058,546
Bond sales (par value)—	$	$	$	$
Domestic----------	74,234,000	51,003,000	29,739,000	29,009,000
Foreign Govt.-----	1,972,000	2,542,000	1,520,000	1,677,000
Foreign corporate_	1,302,000	1,639,000	1,411,000	1,485,000
Total bond sales	77,508,000	55,184,000	32,670,000	32,171,000

Dow-Jones Closing Stock Averages

	Industrials 30	Railroads 20	Utilities 15	Stocks Total 65	Big Board Volume
Dec. 1	Saturday				
Dec. 2	Sunday				
Dec. 3	646.41	138.45	125.65	225.99	3,807,090
Dec. 4	651.48	140.28	126.43	227.93	5,234,210
Dec. 5	653.99	a140.37	126.13	a228.27	6,360,680
Dec. 6	651.73	140.05	126.55	227.89	4,595,760
Dec. 7	652.10	140.27	126.87	228.17	3,903,860
Dec. 8	Saturday				
Dec. 9	Sunday				
Dec. 10	645.08	137.72	126.05	225.59	4,268,300
Dec. 11	645.16	137.35	126.23	225.56	3,704,300
Dec. 12	647.33	138.26	127.12	226.66	3,757,430
Dec. 13	645.20	137.79	127.05	226.05	3,376,650
Dec. 14	648.09	137.64	127.56	226.79	3,278,020
Dec. 15	Saturday				
Dec. 16	Sunday				
Dec. 17	645.49	137.47	128.12	226.45	3,586,329
Dec. 18	640.14	137.17	127.34	224.97	3,621,883
Dec. 19	647.00	138.26	127.64	226.81	4,001,367
Dec. 20	648.55	138.78	128.14	227.50	4,219,593
Dec. 21	646.41	138.96	127.96	227.06	3,471,580
Dec. 22	Saturday				
Dec. 23	Sunday				
Dec. 24	647.71	139.26	127.54	227.24	3,181,300
Dec. 25	Holiday				
Dec. 26	651.64	140.60	128.34	228.80	3,369,650
Dec. 27	650.56	139.93	128.38	228.37	3,665,607
Dec. 28	651.43	140.00	129.08	228.86	4,143,073
Dec. 29	Saturday				
Dec. 30	Sunday				
Dec. 31	652.10	141.04	129.23	229.41	5,415,671

Averages are compiled daily by using the following divisors: Industrials, 2.988; Rails, 5.04; Utilities, 6.28; 65 stocks, 15.13.

a The averages for the 20 railroad stocks and for the 65-stock composite average give effect to the substitution of Kansas City Southern Industries for Kansas City Southern Railway Co. This changed the divisor for the 20 rails to 5.04 from 5.34 and that for the 65 stocks to 15.13 from 15.31.

Rates for Money at New York

	Dec. 7	Dec. 14	Dec. 21	Dec. 28
Call Loans on Stock Exchange: Range for week (mixed and industrial collateral)------	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Time loans (mixed and industrial collateral)—				
Thirty days----------	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Sixty days----------	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Ninety days----------	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Four months----------	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Five months----------	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Six months----------	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	3⅜@3⅞

Call Loan Rates on the New York Stock Exchange

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

Daily Record of Time Loans

	Rates on Mixed Collateral					
	30 Days	60 Days	90 Days	4 Mos.	5 Mos.	6 Mos.
Dec. 1	Saturday					
Dec. 2	Sunday					
Dec. 3	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Dec. 4	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Dec. 5	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Dec. 6	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Dec. 7	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Dec. 8	Saturday					
Dec. 9	Sunday					
Dec. 10	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Dec. 11	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Dec. 12	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Dec. 13	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Dec. 14	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Dec. 15	Saturday					
Dec. 16	Sunday					
Dec. 17	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Dec. 18	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Dec. 19	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Dec. 20	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Dec. 21	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Dec. 22	Saturday					
Dec. 23	Sunday					
Dec. 24	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Dec. 25	Holiday					
Dec. 26	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Dec. 27	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Dec. 28	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Dec. 29	Saturday					
Dec. 30	Sunday					
Dec. 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
Dec. 1	Saturday					
Dec. 2	Sunday					
Dec. 3	3⅛@3	3⅛@3	3⅛@3	3¼@3⅛	3⅜@3¼	3⅜@3¼
Dec. 4	3⅛@3	3⅛@3	3⅛@3	3¼@3⅛	3⅜@3¼	3⅜@3¼
Dec. 5	3⅛@3	3⅛@3	3⅛@3	3¼@3⅛	3⅜@3¼	3⅜@3¼
Dec. 6	3⅛@3	3⅛@3	3⅛@3	3¼@3⅛	3⅜@3¼	3⅜@3¼
Dec. 7	3⅛@3	3⅛@3	3⅛@3	3¼@3⅛	3⅜@3¼	3⅜@3¼
Dec. 8	Saturday					
Dec. 9	Sunday					
Dec. 10	3⅛@3	3⅛@3	3⅛@3	3¼@3⅛	3⅜@3¼	3⅜@3¼
Dec. 11	3⅛@3	3⅛@3	3⅛@3	3¼@3⅛	3⅜@3¼	3⅜@3¼
Dec. 12	3⅛@3	3⅛@3	3⅛@3	3¼@3⅛	3⅜@3¼	3⅜@3¼
Dec. 13	3⅛@3	3⅛@3	3⅛@3	3¼@3⅛	3⅜@3¼	3⅜@3¼
Dec. 14	3⅛@3	3⅛@3	3⅛@3	3¼@3⅛	3⅜@3¼	3⅜@3¼
Dec. 15	Saturday					
Dec. 16	Sunday					
Dec. 17	3⅛@3	3⅛@3	3⅛@3	3¼@3⅛	3⅜@3¼	3⅜@3¼
Dec. 18	3⅛@3	3⅛@3	3⅛@3	3¼@3⅛	3⅜@3¼	3⅜@3¼
Dec. 19	3⅛@3	3⅛@3	3⅛@3	3¼@3⅛	3⅜@3¼	3⅜@3¼
Dec. 20	3⅛@3	3⅛@3	3⅛@3	3¼@3⅛	3⅜@3¼	3⅜@3¼
Dec. 21	3⅛@3	3⅛@3	3⅛@3	3¼@3⅛	3⅜@3¼	3⅜@3¼
Dec. 22	Saturday					
Dec. 23	Sunday					
Dec. 24	3⅛@3	3⅛@3	3⅛@3	3¼@3⅛	3⅜@3¼	3⅜@3¼
Dec. 25	Holiday					
Dec. 26	3⅛@3	3⅛@3	3⅛@3	3¼@3⅛	3⅜@3¼	3⅜@3¼
Dec. 27	3⅛@3	3⅛@3	3⅛@3	3¼@3⅛	3⅜@3¼	3⅜@3¼
Dec. 28	3⅛@3	3⅛@3	3⅛@3	3¼@3⅛	3⅜@3¼	3⅜@3¼
Dec. 29	Saturday					
Dec. 30	Sunday					
Dec. 31	3⅛@3	3⅛@3	3⅛@3	3¼@3⅛	3⅜@3¼	3⅜@3¼

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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
Dec. 1	Saturday						
Dec. 2	Sunday						
Dec. 3	.0067	2.2332	.0386	.0201	.0008	.0545	.0022
Dec. 4	.0066	2.2333	.0386	.0201	.0008	.0545	.0022
Dec. 5	.0065	2.2338	.0387	.0201	.0008	.0545	.0022
Dec. 6	.0065	2.2338	.0387	.0201	.0008	.0545	.0022
Dec. 7	.0065	2.2337	.0386	.0201	.0008	.0545	.0022
Dec. 8	Saturday						
Dec. 9	Sunday						
Dec. 10	.0066	2.2337	.0387	.0201	.0008	.0545	.0022
Dec. 11	.0067	2.2337	.0387	.0201	.0008	.0545	.0022
Dec. 12	.0068	2.2337	.0386	.0201	.0008	.0545	.0022
Dec. 13	.0068	2.2338	.0386	.0201	.0008	.0545	.0022
Dec. 14	.0070	2.2349	.0386	.0201	.0008	.0545	.0022
Dec. 15	Saturday						
Dec. 16	Sunday						
Dec. 17	.0072	2.2340	.0386	.0200	.0008	.0545	.0022
Dec. 18	.0073	2.2339	.0386	.0200	.0008	.0545	.0022
Dec. 19	.0073	2.2338	.0386	.0200	.0008	.0545	.0022
Dec. 20	.0074	2.2343	.0386	.0200	.0008	.0545	.0022
Dec. 21	.0073	2.2340	.0386	.0200	.0008	.0545	.0022
Dec. 22	Saturday						
Dec. 23	Sunday						
Dec. 24	.0074	2.2337	.0387	.0201	.0008	.0545	.0022
Dec. 25	Holiday						
Dec. 26	.0074	2.2337	.0386	.0201	.0008	.0545	.0022
Dec. 27	.0074	2.2333	.0386	.0201	.0008	.0545	.0022
Dec. 28	.0074	2.2332	.0387	.0200	.0008	.0545	.0022
Dec. 29	Saturday						
Dec. 30	Sunday						
Dec. 31	.0074	2.2329	.0387	.0200	.0008	.0545	.0022

	‡Canada Dollar	‡Ceylon Rupee	Chile Escudo	Columbia Peso (Free)	‡Czechoslovakia Koruna	Denmark Krone
Dec. 1	Saturday					
Dec. 2	Sunday					
Dec. 3	.9285	.2101	.4400	.0905	.1400	.1449
Dec. 4	.9289	.2101	.4200	.0910	.1400	.1449
Dec. 5	.9292	.2101	.4350	.0940	.1400	.1449½
Dec. 6	.9293	.2101	.4500	.0945	.1400	.1449½
Dec. 7	.9296	.2101	.4600	.0945	.1400	.1449
Dec. 8	Saturday					
Dec. 9	Sunday					
Dec. 10	.9296	.2101	.4500	.0905	.1400	.1449½
Dec. 11	.9295	.2101	.4500	.0915	.1400	.1450
Dec. 12	.9293	.2101	.4400	.0915	.1400	.1450
Dec. 13	.9289	.2101	.4400	.0915	.1400	.1450½
Dec. 14	.9293	.2101	.4370	.0915	.1400	.1450¼
Dec. 15	Saturday					
Dec. 16	Sunday					
Dec. 17	.9296	.2101	.4370	.0910	.1400	.1450¼
Dec. 18	.9298	.2100	.4400	.0910	.1400	.1451
Dec. 19	.9296	.2100	.4400	.0910	.1400	.1451
Dec. 20	.9296	.2100	.4400	.0910	.1400	.1451¾
Dec. 21	.9298	.2101	.4200	.0900	.1400	.1452
Dec. 22	Saturday					
Dec. 23	Sunday					
Dec. 24	.9293	.2101	.4200	.0900	.1400	.1452
Dec. 25	Holiday					
Dec. 26	.9293	.2101	.4250	.0900	.1400	.1452
Dec. 27	.9290	.2101	.4325	.0920	.1400	.1452
Dec. 28	.9281	.2100	.4250	.0915	.1400	.1452
Dec. 29	Saturday					
Dec. 30	Sunday					
Dec. 31	.9277	.2100	.4300	.0905	.1400	.1451

	Egypt Pound	‡England (Pound) Sterling	‡England (Pound) 30 Days	‡England (Pound) 60 Days	‡England (Pound) 90 Days	‡Finland Markka	‡Franc (Metropolitan) New Franc
Dec. 1	Saturday						
Dec. 2	Sunday						
Dec. 3	2.88	2.8027	2.8019	2.8010	2.8001	.0031	.2040
Dec. 4	2.88	2.8028	2.8025	2.8016	2.8007	.0031	.2040
Dec. 5	2.88	2.8035	2.8028	2.8019	2.8010	.0031	.2040
Dec. 6	2.88	2.8035	2.8028	2.8018	2.8008	.0031	.2040
Dec. 7	2.88	2.8034	2.8025	2.8015	2.8006	.0031	.2040
Dec. 8	Saturday						
Dec. 9	Sunday						
Dec. 10	2.88	2.8034	2.8026	2.8015	2.8005	.0031	.2040
Dec. 11	2.88	2.8033	2.8025	2.8014	2.8005	.0031	.2040
Dec. 12	2.88	2.8034	2.8036	2.8015	2.8005	.0031	.2040
Dec. 13	2.88	2.8035	2.8025	2.8016	2.8005	.0031	.2040
Dec. 14	2.88	2.8037	2.8025	2.8015	2.8005	.0031	.2040
Dec. 15	Saturday						
Dec. 16	Sunday						
Dec. 17	2.88	2.8037	2.8025	2.8015	2.8005	.0031	.2039
Dec. 18	2.88	2.8036	2.8024	2.8013	2.8003	.0031	.2040
Dec. 19	2.88	2.8034	2.8023	2.8012	2.8001	.0031	.2040
Dec. 20	2.88	2.8040	2.8025	2.8015	2.8005	.0031	.2040
Dec. 21	2.88	2.8037	2.8019	2.8009	2.7998	.0031	.2040
Dec. 22	Saturday						
Dec. 23	Sunday						
Dec. 24	2.88	2.8033	2.8020	2.8010	2.7999	.0031	.2040
Dec. 25	Holiday						
Dec. 26	2.88	2.8034	2.8017	2.8007	2.7996	.0031	.2040
Dec. 27	2.88	2.8028	2.8017	2.8007	2.7998	.0031	.2040
Dec. 28	2.88	2.8027	2.8017	2.8008	2.7999	.0031	.2040
Dec. 29	Saturday						
Dec. 30	Sunday						
Dec. 31	2.88	2.8023	2.8020	2.8011	2.8001	.0031	.2040

All footnotes shown 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
Dec. 1	Saturday								
Dec. 2	Sunday								
Dec. 3	.2499	.1765	.2098	.0235	.0135	2.80	2.8027	.0016	.0027
Dec. 4	.2499	.1765	.2098	.0235	.0135	2.80	2.8028	.0016	.0027
Dec. 5	.2499	.1765	.2098	.0235	.0135	2.80	2.8035	.0016	.0027
Dec. 6	.2499	.1765	.2098	.0235	.0135	2.80	2.8035	.0016	.0027
Dec. 7	.2499	.1765	.2098	.0235	.0135	2.80	2.8034	.0016	.0027
Dec. 8	Saturday								
Dec. 9	Sunday								
Dec. 10	.2500	.1765	.2098	.0235	.0135	2.80	2.8034	.0016	.0027
Dec. 11	.2501	.1765	.2098	.0235	.0135	2.80	2.8033	.0016	.0027
Dec. 12	.2501	.1765	.2098	.0235	.0135	2.80	2.8034	.0016	.0027
Dec. 13	.2500	.1765	.2098	.0235	.0135	2.80	2.8035	.0016	.0027
Dec. 14	.2502	.1765	.2098	.0235	.0135	2.80	2.8037	.0016	.0027
Dec. 15	Saturday								
Dec. 16	Sunday								
Dec. 17	.2505	.1760	.2098	.0235	.0135	2.80	2.8037	.0016	.0027
Dec. 18	.2506	.1760	.2100	.0235	.0135	2.80	2.8036	.0016	.0027
Dec. 19	.2505	.1760	.2100	.0235	.0135	2.80	2.8034	.0016	.0027
Dec. 20	.2506	.1760	.2099	.0235	.0135	2.80	2.8040	.0016	.0027
Dec. 21	.2507	.1760	.2099	.0235	.0135	2.80	2.8037	.0016	.0027
Dec. 22	Saturday								
Dec. 23	Sunday								
Dec. 24	.2507	.1760	.2099	.0235	.0135	2.80	2.8033	.0016	.0027
Dec. 25	Holiday								
Dec. 26	.2508	.1760	.2100	.0235	.0135	2.80	2.8034	.0016	.0027
Dec. 27	.2508	.1760	.2098	.0235	.0135	2.80	2.8028	.0016	.0027
Dec. 28	.2502	.1760	.2098	.0235	.0135	2.80	2.8027	.0016	.0027
Dec. 29	Saturday								
Dec. 30	Sunday								
Dec. 31	.2502	.1760	.2097	.0235	.0135	2.80	2.8023	.0016	.0027

	Lebanon Pound	‡Malaysia Malayan Dollar	‡Mexico Peso	‡Netherlands Guilder	‡New Zealand Pound	‡Norway Krone	Pakistan Rupee	Paraguay Guarani	Peru Sol	Phillippine Is. Peso
Dec. 1	Saturday									
Dec. 2	Sunday									
Dec. 3	.3300	.3275	.0800	.2777	2.7750	.1400	.2104½	.0081	.0374	.2570
Dec. 4	.3300	.3276	.0800	.2777	2.7750	.1399	.2104½	.0081	.0374	.2570
Dec. 5	.3300	.3279	.0800	.2775	2.7757	.1400	.2104¾	.0081	.0374	.2570
Dec. 6	.3310	.3279	.0800	.2775	2.7757	.1400	.2104¾	.0081	.0374	.2570
Dec. 7	.3310	.3280	.0800	.2776	2.7756	.1400	.2104¾	.0081	.0374	.2570
Dec. 8	Saturday									
Dec. 9	Sunday									
Dec. 10	.3300	.3278	.0800	.2776	2.7756	.1399	.2104¾	.0081	.0374	.2570
Dec. 11	.3300	.3279	.0800	.2776	2.7755	.1399	.2104¾	.0081	.0374	.2570
Dec. 12	.3300	.3279	.0800	.2776	2.7756	.1399	.2104¾	.0081	.0374	.2570
Dec. 13	.3300	.3279	.0800	.2777	2.7757	.1399	.2104¾	.0081	.0374	.2570
Dec. 14	.3295	.3279	.0800	.2778	2.7759	.1400	.2104¾	.0081	.0374	.2570
Dec. 15	Saturday									
Dec. 16	Sunday									
Dec. 17	.3295	.3278	.0800	.2779	2.7760	.1400	.2104¾	.0081	.0374	.2570
Dec. 18	.3295	.3279	.0800	.2780	2.7758	.1400	.2104¾	.0081	.0374	.2570
Dec. 19	.3295	.3279	.0800	.2780	2.7756	.1400	.2104¾	.0081	.0374	.2570
Dec. 20	.3295	.3279	.0800	.2780	2.7765	.1400	.2105½	.0081	.0374	.2570
Dec. 21	.3290	.3278	.0800	.2779	2.7759	.1399	.2104¾	.0081	.0374	.2570
Dec. 22	Saturday									
Dec. 23	Sunday									
Dec. 24	.3290	.3278	.0800	.2778	2.7756	.1400	.2104¾	.0081	.0374	.2570
Dec. 25	Holiday									
Dec. 26	.3290	.3279	.0800	.2778	2.7756	.1400	.2104¾	.0081	.0374	.2570
Dec. 27	.3290	.3280	.0800	.2779	2.7750	.1400	.2104	.0081	.0374	.2570
Dec. 28	.3290	.3290	.0800	.2777	2.7749	.1400	.2104	.0081	.0374	.2570
Dec. 29	Saturday									
Dec. 30	Sunday									
Dec. 31	.3290	.3290	.0800	.2777	2.7745	.1399	.2104	.0081	.0374	.2570

	‡Portugal Escudo	Saudi Arabia Rival	Singapore Malayan Dollar	‡So. Africa Rand	‡Spain Peseta	‡Sweden Krone	‡Switzerland Franc	Turkey Lira	Uruguay Peso (Free)	——Venezuela—— Official	Free
Dec. 1	Saturday										
Dec. 2	Sunday										
Dec. 3	.0349	.2240	.3283¼	1.3961	.0166	.1930	.2317	.0825	.0916	.3003	.2210
Dec. 4	.0349	.2240	.3284	1.3961	.0166	.1930	.2317	.0825	.0916	.3003	.2210
Dec. 5	.0349	.2240	.3288	1.3965	.0166	.1930	.2317	.0825	.0916	.3003	2214
Dec. 6	.0349	.2240	.3288	1.3965	.0166	.1930	.2317	.0825	.0916	.3003	.2214
Dec. 7	.0349	.2240	.3288	1.3964	.0166	.1929	.2317	.0825	.0916	.3003	.2214
Dec. 8	Saturday										
Dec. 9	Sunday										
Dec. 10	.0349	.2240	.3288	1.3964	.0166	.1928	.2317	.0825	.0916	.3003	.2214
Dec. 11	.0349	.2240	.3288	1.3964	.0166	.1928	.2317	.0825	.0916	.3003	.2214
Dec. 12	.0349	.2240	.3288	1.3964	.0166	.1928	.2317	.0825	.0915	.3003	.2212
Dec. 13	.0349	.2240	.3288	1.3965	.0166	.1928	.2317	.0825	.0915	.3003	.2212
Dec. 14	.0349	.2240	.3288	1.3966	.0166	.1926	.2317	.0825	.0916	.3003	.2212
Dec. 15	Saturday										
Dec. 16	Sunday										
Dec. 17	.0349	.2240	.3288	1.3966	.0166	.1925	.2317	.0825	.0916	.3003	.2212
Dec. 18	.0349	.2240	.3288	1.3965	.0166	.1925	.2317	.0825	.0916	.3003	.2212
Dec. 19	.0349	.2240	.3288	1.3965	.0166	.1925	.2317	.0825	.0916	.3003	.2208
Dec. 20	.0349	.2240	.3289	1.3967	.0166	.1926	.2316	.0825	.0916	.3003	.2208
Dec. 21	.0349	.2240	.3288	1.3966	.0166	.1927	.2316	.0825	.0916	.3003	.2208
Dec. 22	Saturday										
Dec. 23	Sunday										
Dec. 24	.0349	.2240	.3288	1.3964	.0166	.1927	.2316	.0825	.0916	.3003	.2208
Dec. 25	Holiday										
Dec. 26	.0349	.2240	.3288	1.3964	.0166	.1927	.2316	.0825	.0916	.3003	.2208
Dec. 27	.0349	.2240	.3287	1.3961	.0166	.1926	.2316	.0825	.0916	.3003	.2208
Dec. 28	.0349	.2240	.3287	1.3961	.0166	.1929	.2314	.0775	.0916	.3003	.2208
Dec. 29	Saturday										
Dec. 30	Sunday										
Dec. 31	.0349	.2240	.3287	1.3959	.0166	.1930	.2315	.0775	.0916	.3003	.2208

‡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. Value in United States dollars. Nominal rate. †Official rate.

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New York Stock Exchange—Bonds

Monthly and Yearly Record

RANGE OF BOND PRICES FOR DECEMBER

Bond Sales—	1962	1961	Bond Sales—	1962	1961
December	$108,570,000	$135,733,000	Jan. 1 to Dec. 31	$1,454,562,000	$1,636,037,100

The tables on pages 4 to 29 furnish a complete record of the transactions on the New York Stock Exchange during December and the range for year 1962. 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 for Year 1962 $	New York Stock Exchange BONDS U S GOVT BONDS	Interest Period	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
	Treasury bonds—											
----	4¼s_May 15 1975-1985	*M-S*	101	101.8	103.22	103.30	103.28	104.4	-- ------	-- ------	-- ------	-- ------
----	4¼s_Aug 15 1987-1992	*F-A*	--	--	103	103.8	104	104.8	-- ------	-- ------	-- ------	-- ------
----	4s_____Feb 15 1969	*F-A*	--	--	101.17	101.21	101.26	101.30	-- ------	-- ------	-- ------	-- ------
----	4s_____Oct 1 1969	*A-O*	100.18	100.26	101.5	101.19	101.22	101.26	-- ------	-- ------	-- ------	-- ------
----	4s_____Aug 15 1971	*F-A*	--	--	100.22	100.30	101.12	101.20	-- ------	-- ------	-- ------	-- ------
----	4s_____Feb 15 1972	*F-A*	--	--	100.13	100.15	101.1	101.5	-- ------	-- ------	-- ------	-- ------
----	4s_____Aug 15 1972	*F-A*	--	--	100.12	100.16	101.1	101.5	-- ------	-- ------	-- ------	-- ------
----	4s_____Feb 15 1980	*F-A*	99.18	99.26	100.8	100.16	101	101.8	-- ------	-- ------	-- ------	-- ------
----	3⅞s_____May 15 1968	*M-N*	99.28	100	101.8	101.12	101.16	101.20	-- ------	-- ------	-- ------	-- ------
----	3⅞s_____Nov 15 1971	*M-N*	--	--	99.28	100.4	100.12	100.20	-- ------	-- ------	-- ------	-- ------
----	3⅞s_____Nov 15 1974	*M-N*	97.22	97.26	99.20	99.28	100.6	100.14	-- ------	-- ------	-- ------	-- ------
----	3¾s_____Aug 15 1968	*F-A*	--	--	100.20	100.24	100.28	101	-- ------	-- ------	-- ------	-- ------
----	3¾s_____May 15 1966	*M-N*	99.20	99.24	100.27	100.31	100.28	101	-- ------	-- ------	-- ------	-- ------
----	3⅝s_____Nov 15 1967	*M-N*	98.22	98.26	100.7	100.11	100.16	100.20	-- ------	-- ------	-- ------	-- ------
----	3½s_____Nov 15 1980	*M-N*	92.6	92.14	94.20	94.28	95.4	95.12	-- ------	-- ------	-- ------	-- ------
----	3½s_____Feb 15 1990	*F-A*	89.4	89.12	93.6	93.14	92.24	93	-- ------	-- ------	-- ------	-- ------
----	3½s_____Nov 15 1998	*M-N*	88.6	88.14	92.6	92.14	91.28	92.4	-- ------	-- ------	-- ------	-- ------
----	3⅜s_____Nov 15 1966	*M-N*	97.26	97.30	99.21	99.25	99.26	99.30	-- ------	-- ------	-- ------	-- ------
----	3¼s June 15 1978-1983	*J-D*	87.20	87.28	91.2	91.10	91.2	91.10	-- ------	-- ------	-- ------	-- ------
----	3¼s_____May 15 1985	*M-N*	87.20	87.28	91.2	91.10	91.6	91.14	-- ------	-- ------	-- ------	-- ------
----	3s_____Feb 15 1964	*F-A*	98.30	99.2	99.31	100.1	99.30	100	-- ------	-- ------	-- ------	-- ------
----	3s_____Aug 15 1966	*F-A*	96.30	97.2	98.31	99.3	98.24	98.28	-- ------	-- ------	-- ------	-- ------
----	3s_____Feb 15 1995	*F-A*	84.20	84.28	89	89.8	88.16	88.24	-- ------	-- ------	-- ------	-- ------
----	2¾s Dec 15 1960-1965	*J-D*	100.10	100.14	100	--	--	--	-- ------	-- ------	-- ------	-- ------
----	2⅝s_____Feb 15 1965	*F-A*	96.16	96.20	98.24	98.28	98.23	98.27	-- ------	-- ------	-- ------	-- ------
----	2½s June 15 1962-1967	*J-D*	92.20	92.28	96.4	96.12	96.8	96.16	-- ------	-- ------	-- ------	-- ------
----	2½s_____Aug 15 1963	*F-A*	98.22	98.24	99.22	99.24	99.22	99.24	-- ------	-- ------	-- ------	-- ------
----	2½s Dec 15 1963-1968	*J-D*	90.14	90.22	94.6	94.14	94.16	94.24	-- ------	-- ------	-- ------	-- ------
----	2½s June 15 1964-1969	*J-D*	89.18	89.26	93.2	93.10	93.14	93.22	-- ------	-- ------	-- ------	-- ------
----	2½s Dec 15 1964-1969	*J-D*	88.24	89	92.14	92.22	92.28	93.4	-- ------	-- ------	-- ------	-- ------
----	2½s Mar 15 1965-1970	*M-S*	88.18	88.26	92.6	92.14	92.16	92.24	-- ------	-- ------	-- ------	-- ------
----	2½s Mar 15 1966-1971	*M-S*	87.12	87.20	91.6	91.14	91.16	91.24	-- ------	-- ------	-- ------	-- ------
----	2½s June 15 1967-1972	*J-D*	86.2	86.10	90.6	90.14	90	90.8	-- ------	-- ------	-- ------	-- ------
----	2½s Sept 15 1967-1972	*M-S*	85.28	86.4	89.20	89.28	89.24	90	-- ------	-- ------	-- ------	-- ------
----	2½s Dec 15 1967-1972	*J-D*	85.28	86	89.16	89.24	89.26	90.2	-- ------	-- ------	-- ------	-- ------
----	2¼s Dec 15 1959-1962	*J-D*	99.7	99.9	99.31	--	--	--	-- ------	-- ------	-- ------	-- ------
	International Bank for Reconstruction & Development—											
----	5s_____Feb 15 1985	*F-A*	104.8	105.8	106.16	107.16	106	107.8	-- ------	-- ------	-- ------	-- ------
2,000	4¾s_____Nov 1 1980	*M-N*	102.24	103.24	104.16	105.16	104.8	105.8	-- ------	-- ------	103.8 July 25	103.8 July 25
1,000	4½s_____Dec 1 1973	*J-D*	100.4	100.16	103.8	104.8	102.16	103.16	-- ------	-- ------	101 July 11	101 July 11
1,000	4½s_____Jan 1 1977	*J-J*	101.16	102.16	103	104	102.16	103.16	-- ------	-- ------	101.8 July 10	101.8 July 10
----	4½s_____Feb 1 1982	*F-A*	--	--	103	104	102.24	103.24	-- ------	-- ------	-- ------	-- ------
----	4¼s_____May 1 1978	*M-N*	100	101	100	101	100	101	-- ------	-- ------	-- ------	-- ------
----	4¼s_____Jan 15 1979	*J-J*	96.16	97.16	100	101	100	101	-- ------	-- ------	-- ------	-- ------
----	4s_____Sept 15 1963	*M-S*	96.16	97.16	100.16	100.28	100.16	100.28	-- ------	-- ------	-- ------	-- ------
----	3¾s _____Oct 1 1964	*A-O*	----	—	100.8	100.24	100.8	100.24	-- ------	-- ------	-- ------	-- ------
----	3¾s_____May 15 1968	*M-N*	97	98	99	99.24	99	99.24	-- ------	-- ------	-- ------	-- ------
----	3½s_____Jan 1 1969	*J-J*	94.24	95.24	97	98	97	98	-- ------	-- ------	-- ------	-- ------
----	3½s_____Oct 15 1971	*A-O*	93.24	94.24	96	97	95.24	96.24	-- ------	-- ------	-- ------	-- ------
----	3⅜s_____May 15 1975	*M-N*	89.16	91.16	93	94	93	95	-- ------	-- ------	-- ------	-- ------
----	3¼s_____Oct 1 1981	*A-O*	84	86	88.16	89.16	88.16	89.16	-- ------	-- ------	-- ------	-- ------
11,000	3s_____July 15 1972	*J-J*	88.8	89.8	91.24	92.24	91.8	92.8	-- ------	-- ------	89 July 12	90 Jun 25
----	3s_____Mar 1 1976	*M-S*	85.8	86.8	88.16	89.16	89	90	-- ------	-- ------	-- ------	-- ------
	NEW YORK CITY											
	Transit Unification—											
1,289,000	3% corporate stock____1980	*J-D*	92⅞	Sale	97¼	Sale	97[13]/32	98¼	97¼ Dec 3	98⅛ Dec 28	92 Jan 11	99 Apr 26
	FOREIGN GOVERNMENT & FOREIGN CORPORATE ISSUES—											
4,000	Akershus (Norway) 4s____1968	*M-S*	91¼	—	91	--	91½	Sale	91½ Dec 31	91½ Dec 31	91¼ May 14	91½ Dec 31
1,287,000	Amsterdam (City of) 5¼s_1973	*M-S*	101⅝	102¾	103	103⅞	103½	105¼	103 Dec 4	105¼ Dec 28	99½ Aug 1	106 Apr 3
5,000	*△Antioquia (Col) 7s A__1945	*J-J*	96⅛	—	96⅛	--	96⅛	--	120 Dec 19	120 Dec 19	120 Dec 19	120 Dec 19
----	*△External s f 7s ser B_1945	*J-J*	96⅛	—	96⅛	--	96⅛	--	-- ------	-- ------	114 May 17	114 May 17
----	*△External s f 7s ser C_1945	*J-J*	96⅛	—	96⅛	--	96⅛	--	-- ------	-- ------	-- ------	-- ------
1,000	*△External s f 7s ser D_1945	*A-O*	96⅛	—	96⅛	--	96⅛	--	-- ------	-- ------	118 Oct 16	118 Oct 16
----	△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	--	-- ------	-- ------	-- ------	-- ------
349,000	3s s f $ bonds_____1978	*J-J*	48½	49⅞	57⅛	59¾	58	Sale	57⅛ Dec 20	58 Dec 31	48⅛ Jan 4	60 July 13
	Australia (Commonwealth of)											
1,355,000	20-year 3½s_____1967	*J-D*	92¼	Sale	97⅛	97½	98	Sale	97⅛ Dec 6	98½ Dec 21	92¼ Jan 2	99¼ Feb 1
1,650,000	20-year 3½s_____1966	*J-D*	94⅝	95¾	97½	Sale	97	98½	97⅛ Dec 17	98¼ Dec 26	93 Jan 5	98½ Jan 31
1,385,000	15-year 3¾s_____1969	*J-D*	92¼	93¾	96¾	Sale	98	Sale	95½ Dec 12	98 Dec 31	91 Jan 8	99 Feb 26
1,400,000	15-year 4½s_____1971	*J-D*	97½	Sale	97	99	100	Sale	98¾ Dec 11	100½ Dec 17	92¼ July 20	100½ Dec 17
1,740,000	15-year 4¾s_____1973	*M-N*	93½	Sale	98	Sale	99½	Sale	98 Dec 3	99¾ Dec 18	92 July 19	101⅛ Mar 9
1,230,000	15-year 5s_____1972	*M-S*	100⅛	Sale	101¾	Sale	102½	Sale	101½ Dec 5	102⅞ Dec 24	98½ Jun 1	105 Mar 5
1,838,000	20-year 5s_____1978	*M-N*	97⅛	Sale	100¼	102½	100⅛	101	100 Dec 5	101 Dec 14	94⅛ July 19	102½ Apr 2
1,409,000	20-year 5½s_____1979	*M-S*	100⅛	Sale	101½	Sale	102½	103¼	101¼ Dec 6	103¼ Dec 28	98¾ July 13	104¾ Mar 14
2,254,000	20-year 5¼s_____Apr 1980	*A-O*	96	Sale	100⅛	100½	101¼	Sale	100¼ Dec 20	101½ Dec 17	94½ July 19	101⅞ Mar 29
1,893,000	20-year 5¼s_____Oct 1980	*A-O*	95¼	Sale	100	100¼	100¾	101½	100 Dec 5	101½ Dec 14	94¾ Jun 25	101⅞ Apr 2
1,701,000	20-year 5½s_____1981	*J-J*	98¾	Sale	101½	Sale	101¾	102½	101¼ Dec 6	102¼ Dec 20	97½ Jun 27	104½ Mar 7
2,044,000	20-year 5½s old_____1982	*J-J*	—	—	101⅝	102½	102½	--	102¼ Dec 12	103⅛ Dec 28	97¾ Jun 25	104¼ Apr 5
2,820,000	20-year 5½s new_____1982	*J-J*	—	—	101½	Sale	101¾	102½	101⅜ Dec 10	102¼ Dec 26	98 July 20	102¼ Dec 28
938,000	20-year 5½s____Oct 1 1982	*A-O*	—	—	101½	Sale	102¼	Sale	101¼ Dec 10	102¼ Dec 28	100 Nov 9	102¼ Dec 28
	Austria (Rep)—											
954,000	5½s external s f $____1973	*J-D*	97⅜	97¾	102½	Sale	103¼	Sale	102¼ Dec 3	104¼ Dec 28	97⅜ Jan 3	104¼ Dec 28
	Austrian Government—											
64,000	4½s assented due_____1980	*J-J*	—	92	85	88	85	88	87 Dec 5	87 Dec 5	85 Oct 5	91¾ Jan 11
	*△Bavaria (Free State)—											
----	External 6½s_____1945	*F-A*	—	—	--	--	--	--	-- ------	-- ------	-- ------	-- ------
12,000	4⅞s debt adj series 8__1965	*F-A*	95	—	--	101	100½	--	101 Dec 7	101 Dec 7	96 Mar 23	101 May 10
	Belgian Congo—											
690,000	5¼s external loan_____1973	*A-O*	34	42	39½	44	36½	40½	39½ Dec 10	43⅜ Dec 5	36½ Aug 22	50 Jan 26
456,000	Belgium (King of) extl 4s_1964	*J-D*	100	--	101½	101	100¼	101	100¼ Dec 26	101 Dec 17	100 Jan 5	102 Mar 2
647,000	5½s external loan_____1972	*M-S*	100	102	102⅝	Sale	103¾	106½	102½ Dec 4	105 Dec 20	99 Aug 8	105 Dec 20
1,614,000	5½s extl loan s f_____1976	*J-D*	98¾	Sale	102⅛	Sale	103½	104	102 Dec 10	104¼ Dec 19	98½ Jan 2	104¼ Mar 7
2,194,000	5¼s extl loan s f_____1977	*A-O*	--	--	100¾	Sale	101⅞	Sale	100⅜ Dec 6	101⅞ Dec 18	96¼ July 26	101⅞ Dec 18
----	△Berlin (City of) 6s_____1958	*J-D*	—	—	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	*△6½s external loan__1950	*A-O*	—	—	--	--	--	--	-- ------	-- ------	-- ------	-- ------
13,000	4⅞s debt adj ser A____1970	*A-O*	80	—	--	--	91	--	-- ------	-- ------	85 Jan 11	94¾ July 26
15,000	4½s debt adj ser B____1978	*A-O*	75	81	--	--	--	--	-- ------	-- ------	81 Jan 11	88¾ July 26

For footnotes, see page 95.

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Sales for Year 1962 $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices		Highest Sale Prices		RANGE FOR YEAR 1962 Lowest Sale Prices		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															
66,000	4⅞s deb series A----1978	J-J	77	91	--	--	--	--	78	Dec 11	78	Dec 11	75½	Nov 9	80	May 14
9,000	4½s deb series B----1978	J-J	70	--	--	--	--	78	--	------	--	------	70	Jan 30	73	Feb 14
----	*△Brazil (U S of) extl 8s-1941	J-D	--	--	--	--	--	--	--	------	--	------	--	------	--	------
	Stamped pursuant to Plan A (interest reduced to 3.5%)----1978	J-D	94	99	82	87	82	87	83	Dec 10	83¼	Dec 18	83	Nov 9	95½	Apr 5
----	△Extl s f 6½s 1926----1957	A-O	--	--	--	--	--	--	--	------	--	------	--	------	--	------
	Stamped pursuant to Plan A (interest reduced to 3.375%)--1979	A-O	76	80	73⅛	85	75	80	74	Dec 12	75	Dec 17	69	Sep 24	84	Aug 14
2,000	△Extl s f 6½s 1927----1957	A-O	--	--	--	--	--	--	--	------	--	------	132	Sep 12	132	Sep 12
	Stamped pursuant to Plan A (interest reduced to 3.375%)--1979	A-O	76	77	73⅛	79	78	79⅞	74	Dec 10	78	Dec 28	69	Sep 19	80	July 6
----	△Cent Ry 30-yr 7s----1952	J-D	--	--	--	--	--	--	--	------	--	------	--	------	--	------
	Stamped pursuant to Plan A (interest reduced to 3.5%)----1978	J-D	94	96	81	92	83	92	83	Dec 14	83	Dec 14	81	Nov 8	95½	Apr 23
	5% funding 1931 due 1951															
	Stamped pursuant to Plan A (interest reduced to 3.375%)--1979	A-O	76	Sale	73⅛	80	78	80	--	------	--	------	69	Sep 19	84	Aug 14
290,000	Caldas (Dept of) 3s------1978	J-J	47¼	Sale	56¾	60	56¾	60	56¾	Dec 5	56¾	Dec 5	47¼	Jan 2	60	July 13
735,000	Canada (Dom) 2¾s------1974	M-S	82¾	83¾	85¼	Sale	86	--	85¼	Dec 3	86½	Dec 10	82¾	Jan 5	86½	Dec 10
418,000	25-year 2¾s----------1975	M-S	82⅛	82½	84¼	85½	85	--	84⅞	Dec 12	86⅛	Dec 28	82⅛	Jan 3	86⅛	Dec 28
	Cauca Valley (Dept of)—															
160,000	3s s f $ bonds----------1978	J-J	--	--	56⅞	--	56⅞	60	--	------	--	------	49½	Jan 5	60	July 13
----	*△Chile (Rep) ext s f 7s-1942	M-N	90	--	90	--	90	--	--	------	--	------	--	------	--	------
3,000	*△7s assented--------1942	Feb	42	--	39½	--	41	--	--	------	--	------	41¾	May 9	41¾	May 9
3,000	△Extl s f gold 6s-------1960	A-O	90	--	90	--	90	--	--	------	--	------	91	Aug 13	92½	Mar 5
4,000	△6s assented----------1960	A-O	42	--	39½	--	41	--	42¼	Dec 6	42¼	Dec 6	42	Apr 17	42¼	Jan 5
----	△Extl s f gold 6s--Feb 1961	F-A	90	--	90	--	90	--	--	------	--	------	--	------	--	------
1,000	△6s assented ----Feb 1961	F-A	42	--	39½	--	41	--	--	------	--	------	42	Feb 20	42	Feb 20
1,000	△Ry ref extl s f 6s-Jan 1961	J-J	90	--	90	--	90	--	--	------	--	------	92½	Mar 12	92½	Mar 12
----	△6s assented----Jan 1961	J-J	42	--	39½	--	41	--	--	------	--	------	--	------	--	------
----	△Extl s f 6s-------Sep 1961	M-S	90	--	90	--	90	--	--	------	--	------	--	------	--	------
----	△6s assented-----Sep 1961	M-S	42	--	39½	--	41	--	--	------	--	------	--	------	--	------
3,000	△Extl s f 6s----------1962	M-S	90	--	90	--	90	--	--	------	--	------	91¼	May 22	91¼	May 22
----	△6s assented---------1962	M-S	42	--	39½	--	41	--	--	------	--	------	--	------	--	------
2,000	△Extl s f 6s----------1963	M-N	90	--	90	--	90	--	--	------	--	------	91	July 25	91	July 25
2,000	△6s assented---------1963	M-N	42	--	39½	--	41	--	--	------	--	------	39	Jun 7	39	Jun 7
3,272,000	Extl s f $ bonds 3s----1993	J-D	40⅜	41	40	Sale	40½	40¾	40	Dec 3	40¾	Dec 18	34½	Jun 20	43½	Mar 27
1,000	△Chile (Mtge Bank) 6½s-1957	J-D	90	--	90	--	90	--	--	------	--	------	90½	July 25	90½	July 25
1,000	△6½s assented--------1957	J-D	42	--	39½	--	41	--	--	------	--	------	41¾	May 9	41¾	May 9
----	△6¾s assented--------1961	J-D	42	--	39½	--	41	--	--	------	--	------	--	------	--	------
----	△Guar sinking fund 6s-1961	J-D	90	--	90	--	90	--	--	------	--	------	--	------	--	------
----	△6s assented----------1961	A-O	42	--	39½	--	41	--	--	------	--	------	--	------	--	------
1,000	△Guar sinking fund 6s-1962	M-N	90	--	90	--	90	--	--	------	--	------	92½	Mar 29	92½	Mar 29
1,000	△6s assented----------1962	M-N	42	--	39½	--	41	--	--	------	--	------	42	Apr 11	42	Apr 11
3,000	△Chilean Munic Loan 7s-1960	M-S	90	--	90	--	90	--	--	------	--	------	92½	Mar 9	92½	Mar 9
1,000	△7s assented----------1960	M-S	42	--	39½	--	41	--	--	------	--	------	42	Apr 30	42	Apr 30
33,000	△Chinese Hukuang Ry 5s-1951	J-D	3⅛	5½	2½	5½	2½	5¼	--	------	--	------	2½	Mar 5	5½	Aug 8
----	*△Cologne (City of) 6½s-1950	M-S	--	--	--	--	--	--	--	------	--	------	--	------	--	------
32,000	4⅞s debt adjustment--1970	M-S	90½	--	94	--	94½	--	--	------	--	------	93	Jan 31	96	May 17
	△Colombia (Rep of)—															
----	△6s of 1928-------Oct 1961	A-O	--	--	--	--	--	--	--	------	--	------	--	------	--	------
----	△6s of 1927-------Jan 1961	J-J	--	--	79	79¾	--	--	--	------	--	------	--	------	--	------
1,068,000	3s extl s f $ bonds--1970	A-O	73⅛	Sale	--	--	80½	Sale	79¼	Dec 17	80½	Dec 31	73⅛	Jan 2	80⅞	Oct 24
1,000	Colombia Mtge Bank 7s--1946	M-N	--	--	--	--	--	--	--	------	--	------	102	Jun 22	102	Jun 22
1,141,000	Copenhagen Telep 5⅝s--1977	J-D	--	--	101¾	Sale	102⅝	Sale	101½	Dec 4	102¾	Dec 12	94½	Jun 29	102¾	Dec 12
	Costa Rica (Rep of)—															
292,000	3s ref dollar bonds-----1972	A-O	64	65	63	69	63	69	63	Dec 17	63	Dec 17	51½	Jun 7	71	Aug 9
	Credit Froncier De France—															
2,983,000	5½s gtd extl loan-----1979	J-D	102¼	Sale	104	105	106	Sale	103½	Dec 10	106	Dec 28	100¼	Aug 29	106¾	Nov 5
1,583,000	Cuba (Rep of) 4½s extl--1977	J-D	37	Sale	29	Sale	28½	Sale	26⅝	Dec 24	30⅛	Dec 3	23	Jun 4	37	Jan 2
252,000	Cundinamarca 3s---------1978	J-J	47¾	Sale	56¾	58½	56¾	Sale	56¾	Dec 20	56¾	Dec 20	47¾	Jan 2	60	July 13
	Czechoslovakia (State)—															
40,000	△Stamped assented (interest reduced to 6%) ext to '60	A-O	19	--	25	29⅞	--	--	24¾	Dec 10	25	Dec 11	24¾	Dec 10	40	Mar 8
	Denmark (Kingdom of)—															
1,483,000	5½s extl loan----------1974	F-A	99	Sale	102¼	Sale	103	Sale	102¼	Dec 3	104	Dec 18	96½	July 19	105	Mar 27
1,902,000	5¼s external loan------1977	M-N	--	--	98¼	Sale	100½	Sale	98¼	Dec 3	100½	Dec 18	93¾	Aug 9	100½	Dec 18
	El Salvador (Republic of)—															
79,000	3½s extl s f $ bds Jan 1 1976	J-J	--	64	86	92	86	92	--	------	--	------	64	Jan 10	87	Oct 11
53,000	3s extl s f $ bds Jan 1 1976	J-J	--	73⅞	86	89	86	89	--	------	--	------	73⅞	Feb 1	89	Oct 1
	Energy Supply Schwaben—															
19,000	5¼s debt adjustment----1973	J-J	--	--	--	--	--	--	--	------	--	------	94¾	Sep 21	97¾	May 2
46,000	△Estonia (Republic) 7s---1967	J-J	5⅛	--	4¼	5	5	Sale	4¼	Dec 17	5	Dec 13	4	July 23	5	Mar 29
	European Coal & Steel Community—															
757,000	5½s secured (7th ser)-1975	A-O	100¾	101¾	102⅛	104½	103½	107	102	Dec 10	103	Dec 17	97⅝	July 26	105¾	Mar 14
1,515,000	5s sec (11th series)----1978	J-J	97	98¼	100⅝	Sale	101½	Sale	100	Dec 6	101¾	Dec 28	93½	July 26	101¾	Dec 28
1,583,000	5⅜s (13th series)------1980	A-O	99⅜	100	101¼	102	103⅜	--	101¼	Dec 17	102¾	Dec 26	97	Aug 2	102⅞	Apr 11
1,217,000	5¼s s f debentures----1982	A-O	--	--	100¾	--	102½	103	100½	Dec 7	103	Dec 19	97	Jun 7	103	Dec 19
----	*△Frankfort on Main 6½s-'53	M-N	--	--	--	--	--	--	--	------	--	------	--	------	--	------
15,000	Extl loan 4⅞s---May 1 1973	M-N	91⅛	--	94	--	94½	--	94½	Dec 19	94½	Dec 19	91⅛	Jan 4	95⅞	Jun 28
	German (Federal Rep of)—															
	External loan of 1924—															
282,000	5½s dollar bonds----1969	A-O	102½	103	104	105½	104½	112	104⅛	Dec 10	105½	Dec 5	101¾	Oct 24	107	Mar 28
57,000	3s dollar bonds------1972	A-O	83	87	89¾	--	91⅜	93	91	Dec 12	94⅝	Dec 28	83½	Jan 18	94⅝	Dec 28
	10-year bonds of 1936—															
124,000	3s cv & fd issu '53 du '63	J-J	98	--	99¼	--	99¼	--	--	------	--	------	98⅜	Jan 3	99⅞	July 25
	Prussian conv 1953 issue															
56,000	4s dollar bonds------1972	A-O	93	97	99½	--	100⅜	--	--	------	--	------	93⅝	Jan 4	100¼	Jun 25
	International loan of 1930—															
375,000	5s dollar bonds------1980	J-D	104	Sale	107⅛	108⅜	107⅜	108⅜	107¼	Dec 7	107⅜	Dec 20	104	Jan 2	109⅛	Apr 27
74,000	3s dollar bonds------1972	J-D	91	--	93¾	--	94⅝	95	94⅝	Dec 24	94⅝	Dec 24	91⅝	Jan 10	96	May 2
	Greek Government—															
1,909,000	△7s part paid----------1964	M-N	24⅝	28	31	Sale	30¾	32	30⅜	Dec 17	31¾	Dec 4	24	July 16	40	Oct 18
2,471,000	△6s part paid----------1968	F-A	23	24	30	Sale	29¾	Sale	29¼	Dec 17	30	Dec 3	22½	July 3	37	Sep 25
----	*△Hamburg (State of) 6s-1946	A-O	--	--	--	--	--	--	--	------	--	------	--	------	--	------
27,000	Conv & funding 4½s---1966	A-O	98⅛	--	100⅝	--	101	--	--	------	--	------	98⅛	Jan 4	100½	Sep 14
----	*△Harpen Mining Corp 6s-'49	J-J	--	--	--	--	--	--	--	------	--	------	--	------	--	------
23,000	4½s debt adjustment----1970	J-J	--	--	94	Sale	--	--	94	Dec 3	94¾	Dec 13	92	Nov 12	94¾	Dec 13
----	Heidelberg (City) 7½s----1950	J-J	--	--	--	--	--	--	--	------	--	------	--	------	--	------
	International Tel & Tel—															
868,000	Sub America 7½s debs-1977	F-A	95⅞	Sale	97⅜	Sale	97	Sale	97	Dec 31	98	Dec 11	91½	Aug 17	101	Feb 12
1,357,000	Italian (Rep) 3s----------1977	J-J	82	Sale	81½	85	82½	Sale	82⅛	Dec 4	83½	Dec 18	80¾	Oct 23	85¾	May 2
	Italian Credit Consortium for Public Works—															
1,243,000	30-year extl s f 3s------1977	J-J	82	Sale	81½	82	82½	83½	81¾	Dec 6	83½	Dec 19	80¾	Oct 23	83½	Dec 19
----	*△7s series B----------1947	M-S	--	--	--	--	--	--	--	------	--	------	--	------	--	------
	Italian Pub Util Credit Inst—															
1,442,000	30-year gtd extl s f 3s-1977	J-J	81¾	Sale	82	83	82¾	Sale	82⅜	Dec 13	83½	Dec 18	80½	Feb 1	83½	Dec 18
1,000	*△7s series B----------1952	J-J	--	--	--	--	--	--	--	------	--	------	173	Apr 12	173	Apr 12
1,000	§△Italy (Kingdom of) 7s-1951	J-D	--	--	--	--	--	--	176½	Dec 11	176½	Dec 11	176½	Dec 11	176½	Dec 11

For footnotes, see page 95.

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Sales for Year 1962 $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Prices Lowest Sale	Prices Highest Sale	RANGE FOR YEAR 1962 Prices Lowest Sale	RANGE FOR YEAR 1962 Prices Highest Sale
	Jamaica (Government of)—											
687,000	5¾s external loan 1974	M-S	90	Sale	91⅝	94	91	92⅞	91½ Dec 11	93 Dec 5	86½ Aug 10	93 Dec 5
1,483,000	Japan 5½s extl loan 1974	J-J	92⅝	94¼	96¼	Sale	97	97¼	96¼ Dec 3	97 Dec 4	92½ Jan 4	98⅜ Sep 21
2,398,000	Japan Develop Bank 6s 1976	M-S	93¼	93⅞	99¾	Sale	98¼	98⅞	98¼ Dec 11	99¾ Dec 3	93½ Jan 3	99¾ Dec 3
1,307,000	6s gtd external loan 1977	M-N	—	—	98	98½	97½	Sale	97⅜ Dec 28	98⅝ Dec 4	94¾ Jun 21	98⅝ Dec 4
	Japanese (Imperial Govt)—											
1,000	△6½s extl loan of '24 1954	F-A	—	—	—	—	—	—	— ------	— ------	238 Nov 30	238 Nov 30
607,000	6½s due 1954 ext to 1964	F-A	102¾	Sale	—	—	101⅝	101¾	101⅜ Dec 4	102 Dec 12	101¼ Oct 26	104 Jan 12
1,000	△5½s extl loan of '30 1965	M-N	—	—	—	—	—	—	— ------	— ------	207 Feb 7	207 Feb 7
405,000	5½s due 1965 ext to 1975	M-N	100⅛	100¾	99½	100¾	99¾	—	99¾ Dec 17	100⅛ Dec 11	97½ Aug 15	101 May 4
153,000	*§△Jugoslavia 7s 1957	A-O	20	23	24⅝	26	24⅝	26	24⅝ Dec 7	24⅝ Dec 7	21 Jan 17	24⅝ Nov 12
	KLM Royal Dutch Airlines—											
3,292,000	4¾s conv subord debs 1979	M-S	84	Sale	85¼	Sale	84	Sale	84 Dec 5	85½ Dec 3	81 Aug 31	95¼ Mar 9
569,000	‡Kreuger & Toll class A—											
	△5s uniform ctfs of dep 1959	M-S	1⅛	1¼	¾	Sale	¾	1⅛	¾ Dec 3	1¼ Dec 5	⅝ Oct 31	1⅜ Jan 16
----	△Medellin (Colombia) 6½s '54	J-D	—	—	—	—	—	—	— ------	— ------	— ------	— ------
101,000	3s s f $ bonds 1978	J-J	47½	53	57⅛	60	57⅛	59	57½ Dec 19	57½ Dec 19	48½ Jan 10	62 July 13
1,000	*△Milan (City of) 6½s 1952	A-O	—	—	—	—	—	—	— ------	— ------	168¾ Apr 12	168¾ Apr 12
	Minas Geraes (Brazil)—											
5,000	△Sec extl s f 6½s 1958	M-S	—	—	—	—	—	—	r95 Dec 28	r95 Dec 28	— ------	— ------
29,000	Stamped pursuant to Plan A (interest reduced to 2.125%) 2008	M-S	49⅛	52	51⅜	—	51⅜	—	— ------	— ------	50 Jan 5	56 July 23
----	△Sec extl s f 6½s 1959	M-S	—	—	—	—	—	—	— ------	— ------	— ------	— ------
20,000	Stamped pursuant to Plan A (interest reduced to 2.125%) 2008	M-S	48	50	43	50	42	48	45 Dec 24	48 Dec 5	45 May 16	50 Mar 1
762,000	New Zealand (Govt) 5½s 1970	J-D	101	Sale	102½	Sale	103	Sale	101⅞ Dec 7	103 Dec 31	99½ July 19	104⅜ Mar 16
1,956,000	15-year 5¾s 1976	A-O	98¾	Sale	102⅛	Sale	103	104	102⅛ Dec 3	104 Dec 17	98½ Jan 3	105⅜ Apr 2
1,874,000	15-year 5¼s 1977	M-N	—	—	97	Sale	98	Sale	97 Dec 3	98¼ Dec 17	93 July 18	98¼ Dec 17
	Nippon Tel & Tel Public—											
1,654,000	6s gtd dollar bonds 1976	A-O	94	95½	98⅜	Sale	98⅛	98½	98⅛ Dec 20	99 Dec 6	93¾ May 29	100½ Apr 11
467,000	6s gtd dollar bonds 1977	M-S	—	—	98½	Sale	97⅞	Sale	97½ Dec 12	98⅝ Dec 27	96 Oct 26	98¾ Nov 29
	Norway (Kingdom of)—											
140,000	4¼s s f extl old 1965	A-O	99½	100	100⅝	—	100	100¾	100⅝ Dec 5	101¼ Dec 10	99¼ May 24	101¼ Dec 10
171,000	4¼s s f extl new 1965	A-O	99½	Sale	100	101	100¼	101	100¼ Dec 6	100⅞ Dec 4	99½ Jan 2	101 Nov 21
69,000	4s s f external loan 1963	F-A	99½	—	100 3/32	—	100 3/32	—	100 3/32 Dec 28	100 3/32 Dec 28	99½ Feb 8	100⅝ Sep 26
1,908,000	5¼s s f extl loan 1973	A-O	97⅞	Sale	100¾	Sale	101⅝	Sale	100¾ Dec 3	102 Dec 12	97 Jan 10	102⅞ Mar 28
1,468,000	5½s external loan 1976	M-N	96¾	Sale	101¼	102½	103	Sale	101 Dec 12	103 Dec 21	95½ July 24	103 Mar 26
1,097,000	5½s extl loan 1977	F-A	—	—	100½	101	103	Sale	100⅝ Dec 5	103 Dec 31	96⅝ Aug 13	103 Dec 31
7,000	Municipal bank extl 5s 1970	J-D	98⅜	—	100	Sale	98½	Sale	98½ Dec 31	100 Dec 3	98⅜ Mar 22	100 Dec 3
----	*△Nuremberg (City of) 6s '52	F-A	—	—	—	—	—	—	— ------	— ------	— ------	— ------
	Oriental Development Co Ltd—											
99,000	*△6s extl loan (30-yr) 1953	M-S	—	—	—	—	—	—	— ------	— ------	218 Mar 22	218 Mar 22
458,000	6s due 1953 ext to 1963	M-S	100½	Sale	100⅛	100¼	100⅛	Sale	100⅛ Dec 10	100⅝ Dec 5	100 Oct 26	101⅛ July 10
30,000	△5½s extl loan (30-yr) 1958	M-S	—	—	—	—	—	—	— ------	— ------	208¼ May 8	208¼ May 8
102,000	5½s due 1958 ext to 1968	M-N	99	99½	99	—	98½	—	98½ Dec 27	99 Dec 6	98 Aug 9	100½ Apr 19
670,000	Oslo (City of) 5½s extl 1973	J-D	96¾	Sale	100½	Sale	102⅝	103½	100 Dec 5	103½ Dec 17	95 July 23	103½ Dec 17
1,018,000	5¾s s f extl loan 1975	J-D	99	99½	102¼	102¾	104½	Sale	102½ Dec 12	104½ Dec 26	97¼ July 30	104½ Dec 26
500,000	5½s s f external loan 1977	A-O	—	—	100¼	101¼	101	101½	100⅜ Dec 7	101⅜ Dec 24	95¾ July 27	101⅜ Dec 24
----	*△Pernambuco (State) 7s 1947	M-S	—	—	—	—	—	—	— ------	— ------	— ------	— ------
22,000	Stamped pursuant to Plan A (interest reduced to 2.125%) 2008	M-S	50	56½	45	51	45	51	— ------	— ------	50 Sep 5	56 Apr 23
2,000	△Peru (Rep) sec s f 7s 1959	M-S	84½	—	86	—	86	—	— ------	— ------	86½ Mar 27	87 Oct 12
32,000	△Nat'l loan ext s f 6s 1960	J-D	84½	88	86	—	86	—	86¼ Dec 4	86¼ Dec 4	82 July 6	87 Apr 26
17,000	△Nat'l loan ext s f 6s 1961	A-O	84½	—	86	—	86	—	— ------	— ------	78¼ July 24	87 Apr 17
1,000	*△Poland (Rep) gold 6s 1940	A-O	—	—	7⅛	—	7¼	—	— ------	— ------	9 July 17	9 July 17
106,000	△4½s assented 1958	A-O	8¼	9	6½	8¼	7	Sale	7 Dec 31	8⅛ Dec 7	5⅝ Oct 26	9½ Feb 2
10,000	*△Stabilization loan 7s 1947	A-O	9¼	—	8½	—	8	—	— ------	— ------	7½ Nov 26	9¾ Apr 5
268,000	△4½s assented 1968	A-O	8½	9⅞	7¼	7⅞	7	Sale	6¾ Dec 24	8½ Dec 7	5¾ Oct 26	10 Jan 30
31,000	*△External s f 8s 1950	J-J	9	13½	8¼	15¾	8¼	15¾	8¼ Dec 27	8¼ Dec 27	8 Sep 14	13 Jan 23
140,000	△4½ assented 1963	J-J	8¾	Sale	6½	8	7	7¼	6⅝ Dec 17	8½ Dec 7	6 Oct 25	10 Jan 22
	Porto Alegre (City of)—											
29,000	8s 1961 stamped pursuant to Plan A (interest reduced to 2.375%) 2001	J-D	59	—	58	—	58⅛	69	68 Dec 26	68 Dec 26	57 July 31	70 Feb 7
10,000	7½s 1966 stamped pursuant to Plan A (interest red to 2.25%) 2006	J-J	51	52	45	55	45	—	— ------	— ------	47 Oct 19	55 July 13
	Rhine-Westphalia Elec Pwr—											
----	Direct mortgage 7s 1950	M-S	—	—	—	—	—	—	— ------	— ------	— ------	— ------
	Rhodesia & Nyasaland—											
248,000	5¾s external loan 1973	M-N	70⅛	80	75	78	76½	78	76½ Dec 18	78 Dec 10	71½ Aug 9	79½ Jan 15
----	*△Rio de Janeiro (City) 8s '46	A-O	—	—	—	—	—	—	— ------	— ------	— ------	— ------
69,000	Stamped pursuant to Plan A (interest reduced to 2.375%) 2001	A-O	75	80	70	75	70	75	70 Dec 18	78 Dec 10	64⅞ Sep 28	78⅞ May 8
----	*△External sec 6½s 1953	F-A	—	—	—	—	—	—	— ------	— ------	— ------	— ------
198,000	Stamped pursuant to Plan A (interest reduced to 2%) 2012	F-A	56½	—	53	60	54½	60	54 Dec 11	54½ Dec 18	53 Oct 31	60 May 31
	Rio Grande du Sul (State of)											
----	*△8s extl loan of 1921 1946	A-O	—	—	—	—	—	—	— ------	— ------	— ------	— ------
46,000	Stamped pursuant to Plan A (interest reduced to 2.5%) 1999	A-O	70	74	—	69	60	64⅞	— ------	— ------	67 Oct 2	75½ Apr 23
1,000	△6s extl s f gold 1968	J-D	—	—	—	—	—	—	— ------	— ------	101 May 8	101 May 8
53,000	Stamped pursuant to Plan A (interest reduced to 2%) 2012	J-D	65	68	61⅛	—	62	65¾	62 Dec 13	62 Dec 13	61 Oct 1	71 Feb 7
----	△7s extl loan of 1926 1966	M-N	—	—	—	—	—	—	— ------	— ------	— ------	— ------
52,000	Stamped pursuant to Plan A (interest reduced to 2.25%) 2004	M-N	62	64	—	—	55	—	60 Dec 18	60 Dec 18	55 Oct 3	70 Nov 9
13,000	7s 1967 stamped pursuant to Plan A (interest reduced to 2.25%) 2004	J-D	60	62	58	60	58	60	58 Dec 18	58 Dec 18	55 Oct 3	62½ Jun 29
7,000	*△Rome (City of) 6½s 1952	A-O	—	—	—	—	—	—	— ------	— ------	168¾ Apr 12	170¾ Oct 25
	Sao Paulo (City)—											
----	*△8s extl secured s f 1952	M-N	—	—	—	—	—	—	— ------	— ------	— ------	— ------
21,000	Stamped pursuant to Plan A (interest reduced to 2.375%) 2001	M-N	71	Sale	72½	—	74	—	— ------	— ------	71 Jan 2	80 Apr 30
----	△6½s extl secured s f 1957	M-N	—	—	—	—	—	—	— ------	— ------	— ------	— ------
26,000	Stamped pursuant to Plan A (interest reduced to 2%) 2012	M-N	95	98½	97	—	97	—	— ------	— ------	97 May 29	99 Aug 26
	Serbs Croats & Slovenes—											
200,000	△8s secured external 1962	M-N	20⅛	21	24⅝	25¼	24⅝	25¼	24⅝ Dec 18	25¼ Dec 24	21¼ Jan 17	25⅜ Nov 12
299,000	△7s series B sec extl 1962	M-N	20⅛	21	24⅝	25¼	25	26	24⅝ Dec 10	24⅝ Dec 10	20⅛ Jan 15	25½ Aug 27
	Shinyetsu Elec Power Co Ltd—											
----	*△6½s 1st mtge s f 1952	J-D	—	—	—	—	—	—	— ------	— ------	— ------	— ------
13,000	6½s due 1952 ext to 1962	J-D	99¾	—	—	—	—	—	— ------	— ------	99¾ Jan 29	100 Sep 25
14,000	△Silesia (Prov) ext s f 7s '58	J-D	—	—	7⅛	—	7⅝	—	7¼ Dec 17	7⅝ Dec 20	7¼ Dec 17	10 Feb 6
28,000	△4½s assented 1958	J-D	7⅜	9	6⅛	8¼	7½	8½	7½ Dec 20	7½ Dec 20	5¾ Oct 25	9½ Feb 21
	South Africa (Union of)—											
244,000	4¼s external loan 1965	J-D	94	100	97½	98¾	98⅛	100¼	97⅝ Dec 6	98⅛ Dec 18	94⅛ Jan 3	100 Apr 4
818,000	5½s extl loan Jan 1 1968	J-D	94	95½	97½	—	98⅝	99	97¾ Dec 5	98¾ Dec 19	94 Jan 5	98¾ Dec 19
882,000	5½s extl loan Dec 1 1968	J-J	94	Sale	97½	Sale	99	Sale	97½ Dec 3	99 Dec 31	93½ Feb 27	99 Oct 15
	South European Pipeline—											
1,655,000	5½s s f debs 1982	M-S	—	—	102⅝	102⅞	103½	Sale	102⅞ Dec 4	104 Dec 18	100 July 11	104 Dec 18
	So Italy Development Fund—											
1,691,000	Gtd exter loan 5½s 1974	M-N	99½	100	101¾	—	101¾	102½	102 Dec 13	103 Dec 17	99⅛ Jan 3	103 Dec 17

For footnotes. see page 95.

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Sales for Year 1962 $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
	Taiwan Elec Power Co Ltd—											
3,000	△5½s (40-yr) s f 1971	J-J	—	—	—	—	—	—	— ------	— ------	212¼ Aug 17	213 Aug 27
74,000	5½s due 1971 ext to 1981	J-J	99½	--	96	100¼	98	--	97 Dec 20	97 Dec 20	97 Nov 7	100 Feb 5
	Tokyo (City of)—											
----	△5½s extl loan of '27 1961	A-O	—	—	—	—	—	—	— ------	— ------	— ------	— ------
44,000	5½s due 1961 ext to 1971	A-O	99½	100⅜	100	--	--	--	100 Dec 10	100 Dec 10	98¾ Mar 16	101⅛ Oct 9
	Tokyo Elec Light Co Ltd—											
228,000	*△6s 1st mtge $ series 1953	J-D	—	—	—	—	—	—	— ------	— ------	221½ Jan 3	221½ Jan 3
906,000	6s 1953 extended to 1963	J-D	100½	Sale	100⅛	Sale	100⅝	Sale	100⅛ Dec 3	101⅛ Dec 27	100⅛ Nov 23	101¾ Jan 29
	Uruguay (Republic)—											
	3¾-4-4⅛% ($ bonds '37)											
575,000	Extl readjustment 1979	M-N	80	82½	83⅝	86	83⅞	Sale	83⅞ Dec 6	84½ Dec 6	81 Jun 11	88 Mar 13
64,000	Extl conversion 1979	M-N	80	87	83½	90½	84	--	84 Dec 29	84½ Dec 19	80½ Jun 20	91 Mar 28
55,000	3⅞-4⅛-4⅛% ext conv 1978	J-D	90½	93	90	91½	--	97⅞	-- ------	-- ------	92½ Sep 11	99 Nov 16
131,000	4-4¼-4½s extl readjust 1978	F-A	90	98	--	99⅞	95	--	90 Dec 10	96 Dec 29	87 Feb 13	96 Dec 29
20,000	3½s extl readjustment 1984	J-J	—	—	--	93½	--	93½	— ------	— ------	93½ May 3	93½ May 3
	Valle Del Cauca—											
	See Cauca Valley (Dept of)											
20,000	*§△Warsaw (City) extl 7s 1958	F-A	—	—	7⅛	—	7¼	—	7¼ Dec 27	7¼ Dec 27	7¼ Nov 26	10¼ Jan 22
77,000	*§△4½s assented 1958	F-A	7¾	9	6⅛	7¾	6½	8	6¼ Dec 18	6¼ Dec 18	5¾ Oct 25	9¾ Jun 14
	Westphalia United Elec Power											
----	1st mtge 6s ser A 1953	J-J	—	—	—	—	—	—	— ------	— ------	— ------	— ------
----	△Yokohama 6s of '26 1961	J-D	—	—	—	—	—	—	— ------	— ------	— ------	— ------
106,000	6s due 1961 ext to 1971	J-D	100	--	100	--	100⅛	--	100 Dec 10	100 Dec 10	99¼ Mar 14	100½ Jun 18
	RAILROAD AND INDUSTRIAL COMPANIES											
	Air Reduction Co Inc—											
12,262,000	3⅞s conv subord debs 1987	F-A	--	--	107	Sale	107	Sale	106⅛ Dec 20	107⅞ Dec 13	97¼ Oct 24	107⅞ Nov 28
19,000	Alabama Gt Southn 3¼s 1967	M-N	88	--	92⅛	95½	92⅛	95½	-- ------	-- ------	90 Jan 30	93 Nov 9
190,000	Alabama Pwr 1st M 3½s 1972	J-J	--	--	94	95½	94½	95¾	94 Dec 5	95½ Dec 28	90⅜ Jan 18	95½ Dec 28
8,000	1st mortgage 3⅛s 1984	M-S	—	—	--	--	--	--	-- ------	-- ------	80 Sep 19	80½ Apr 2
23,000	Albany & Susq RR 4½s 1975	J-J	96⅛	—	96¼	--	96¼	--	-- ------	-- ------	96 Oct 17	96⅛ Jan 29
	Aldens Inc—											
1,310,000	5s conv subord debs 1980	A-O	161	Sale	150	Sale	132⅝	Sale	132⅝ Dec 31	150½ Dec 3	120 May 29	163 Jan 2
270,000	5⅜s debentures 1981	J-D	102½	--	103¼	--	103¾	104¼	-- ------	-- ------	101 Apr 27	104½ Mar 14
	Allegheny Ludlum Steel—											
2,580,000	4s conv subord debs 1981	A-O	110½	Sale	99	Sale	100	Sale	96½ Dec 12	101 Dec 21	94 Nov 9	113 Mar 14
38,000	4¾s s f debentures 1986	J-D	101	--	103	104½	--	104½	103 Dec 13	103 Dec 13	101 Jan 11	103 May 8
	Allegheny Power System											
	See old name of West Penn Electric Company											
129,000	Allegheny & West 1st 4s 1998	A-O	57	59½	56⅝	Sale	60	Sale	56½ Dec 3	60 Dec 31	56½ Nov 30	64 July 17
1,631,000	Allied Chem & Dry 3½s 1978	A-O	90¾	Sale	94¼	Sale	94⅛	Sale	94⅛ Dec 7	95 Dec 5	90¾ Jan 2	95 Oct 31
10,819,000	Allied Stores Corp 4½s 1981	A-O	115	Sale	104⅝	Sale	103½	Sale	103 Dec 5	105 Dec 17	98½ Oct 24	115 Jan 2
2,4000	Alum Co of Amer 3⅛s 1964	F-A	98	Sale	99¾	Sale	99½	Sale	99½ Dec 27	100 Dec 21	98⅝ Jan 2	100 May 14
288,000	3s s f debentures 1979	J-D	84½	86	88½	89	88½	89	88½ Dec 14	88⅝ Dec 27	84½ Jan 11	89¼ Nov 14
2,315,000	4¼s s f debentures 1982	J-J	98¼	Sale	101¾	Sale	101½	Sale	100⅜ Dec 27	101¾ Dec 3	98¼ Jan 2	101¾ Nov 7
707,000	3⅞s s f debentures 1983	A-O	93	94¼	96¼	Sale	96	98	96 Dec 14	96⅝ Dec 20	93¼ Feb 14	97¼ Nov 14
491,000	Aluminum Co of Can 3⅞s 1970	M-N	98	99	99⅛	--	99¼	--	99¼ Dec 21	99¾ Dec 19	97⅞ July 31	100 Nov 5
677,000	4½s s f debentures 1980	A-O	98⅞	Sale	--	103	101½	102¼	101½ Dec 26	102 Dec 12	98⅞ Jan 2	102⅞ Oct 2
18,000	American Airlines 3s debs 1966	J-D	91	--	96¾	97½	96¾	97¼	-- ------	-- ------	91 Jan 12	96¾ Nov 7
420,000	American Can Co 3¾s 1988	A-O	90½	Sale	93	94½	93	93¾	93 Dec 13	94 Dec 17	90½ Jan 2	94 Nov 8
201,000	4¾s debentures 1990	J-J	102½	104½	104½	--	104½	--	104½ Dec 27	104½ Dec 27	102 Feb 13	105¼ Oct 16
	American Distilling Co—											
5,070,000	4⅜s conv subord debs 1986	M-N	127½	Sale	107	Sale	106⅞	Sale	106¾ Dec 28	109¼ Dec 6	100¼ May 29	127½ Jan 2
4,893,000	Amer & Foreign Pwr 5s 2030	M-S	64	Sale	65¼	Sale	65	Sale	62¼ Dec 28	66⅛ Dec 14	61 Jun 28	69½ Apr 30
7,192,000	4.80s junior debs 1987	J-J	61⅞	Sale	63½	Sale	63	Sale	63 Dec 31	64½ Dec 21	59½ May 31	66¼ Apr 27
	American Machine & Foundry											
20,469,000	4¼s conv subord debs 1981	M-S	120½	Sale	91½	Sale	90¼	Sale	89 Dec 17	92¾ Dec 3	83¼ Oct 24	121½ Jan 2
	American Optical Co—											
2,064,000	4.40s conv subord debs 1980	A-O	133	Sale	123½	125	119¾	123	118 Dec 24	124 Dec 6	105 May 11	133 Jan 2
	American Tel & Tel—											
2,077,000	2¾s debentures 1980	F-A	78¼	Sale	81¾	82½	82	Sale	81⅝ Dec 10	82⅝ Dec 27	77¾ Feb 5	82⅝ Dec 27
3,403,000	2¾s debentures 1975	A-O	82⅞	Sale	86	Sale	86⅞	Sale	85⅝ Dec 4	86⅞ Dec 28	81⅝ Jan 22	86⅞ Dec 28
1,309,000	2⅝s debentures 1986	J-J	71⅝	Sale	76	76½	76½	Sale	76 Dec 6	76¾ Dec 28	71⅝ Jan 2	77⅞ Nov 9
786,000	2¾s debentures 1982	A-O	77¼	78	81½	Sale	80½	Sale	80 Dec 10	81½ Dec 3	76½ Jan 30	81⅞ Nov 28
576,000	2⅞s debentures 1987	J-D	75¾	Sale	80	Sale	--	--	78½ Dec 14	80¼ Dec 21	75 Jan 25	81 Nov 5
3,086,000	3⅜s debentures 1973	J-D	90	Sale	94⅝	Sale	93⅜	Sale	93¼ Dec 14	94¾ Dec 4	89½ Aug 1	95 Apr 30
1,749,000	2¾s debentures 1971	F-A	87½	Sale	90⅞	Sale	91⅜	Sale	90 Dec 7	92 Dec 18	87 Jan 30	92 Dec 18
1,622,000	3¼s debentures 1984	M-S	83	Sale	87	Sale	86½	87	86¼ Dec 6	87½ Dec 27	81⅜ Jan 30	87½ Oct 22
2,646,000	3⅞s debentures 1990	J-J	89½	90⅜	95	Sale	95	Sale	94 Dec 12	95 Dec 3	89⅝ Jan 3	95¼ Nov 23
11,522,000	4⅜s debentures 1985	A-O	99½	Sale	102¼	Sale	102⅜	Sale	101⅝ Dec 7	102¾ Dec 21	99⅛ Jan 8	102¾ Jun 15
12,308,000	5s debentures 1983	M-N	106⅜	Sale	106¾	Sale	107⅛	Sale	106⅝ Dec 3	107⅛ Dec 21	105⅛ Feb 1	107½ Oct 8
8,524,000	4¼s conv debentures 1973	M-S	382	Sale	304	Sale	316	Sale	303⅜ Dec 4	317 Dec 7	253 May 29	382 Jan 2
1,236,000	American Tob 3s debs 1969	A-O	94½	95	95½	Sale	96	--	95½ Dec 3	96½ Dec 11	94¾ Jan 4	96½ May 7
410,000	3¼s debentures 1977	F-A	89⅛	Sale	90½	--	92¼	--	90½ Dec 5	92⅛ Dec 26	88½ Aug 2	92⅛ Dec 26
184,000	Anheuser Busch Inc 3⅜s 1977	A-O	88½	Sale	91	92½	91½	92½	91⅜ Dec 4	91½ Dec 27	88 Feb 2	91⅞ Nov 16
84,000	Ann Arbor 1st g 4s July 1995	Q-J	56½	59⅞	61	Sale	62	Sale	60⅞ Dec 12	62 Dec 31	56 Nov 1	62 Jan 11
1,329,000	Apco Oil Corp 5¾s 1981	A-O	96¾	Sale	98⅝	--	100⅛	--	98⅞ Dec 7	100⅛ Dec 27	94½ Jun 26	101½ Feb 26
	Armco Steel Corp—											
720,000	4.35s s f debentures 1984	A-O	98	99¼	102¼	Sale	102	--	101 Dec 5	102¼ Dec 3	98⅛ Jan 5	102⅜ May 22
306,000	4½s s f debentures 1986	J-D	101¾	Sale	102¾	103¼	102½	--	102½ Dec 13	103 Dec 26	100 Aug 20	103½ Apr 16
	Armour & Company—											
4,862,000	5s inc subord debs 1984	M-N	90	Sale	89½	Sale	91¾	Sale	89½ Dec 3	91¾ Dec 28	87½ Jun 27	96 Mar 9
14,654,000	4½s conv subord debs 1983	M-S	115	Sale	104⅜	Sale	107	Sale	103½ Dec 4	107 Dec 26	99¼ Jun 26	120 Feb 19
646,000	Associates Invest 4½s 1976	F-A	98½	100⅛	--	--	101¼	101½	100¾ Dec 17	101¾ Dec 21	97½ Jan 31	102¾ Sep 17
141,000	5¾s subord debs 1977	J-D	105⅛	108	105½	107	105½	106¾	105½ Dec 11	105½ Dec 11	105 Jun 6	107 May 22
266,000	5¼s debentures 1977	F-A	—	104¾	105½	106¾	106	--	105¾ Dec 12	106¾ Dec 7	104¾ Jan 8	107 May 29
238,000	5⅛s debentures 1979	F-A	104	—	104⅝	--	104¾	--	104¾ Dec 10	104¾ Dec 10	103 Oct 15	106½ Mar 5
350,000	4½s debentures 1983	A-O	--	--	100⅜	100⅞	101⅛	Sale	100⅝ Dec 5	101¾ Dec 28	100⅝ Dec 5	101¾ Dec 28
	Atchison Top & Santa Fe—											
1,803,000	General gold 4s 1995	A-O	90⅜	Sale	94½	95½	96	Sale	94½ Dec 4	96 Dec 31	90⅜ Jan 2	97½ May 11
204,000	Stamped 4s July 1995	M-N	88⅛	—	89⅛	91½	90⅛	91½	89⅛ Dec 10	91½ Dec 28	87 July 27	92 Mar 28
	Atlanta & Charlotte Air Line—											
35,000 S	1st mortgage 3¾s 1963	M-N	98	—	99 52	100	99¾	100	99¾ Dec 27	100 Dec 4	97 Jan 11	100 Nov 16
	Atlantic Coast Line—											
1,437,000	Gen unified 4½s ser A 1964	J-D	99¾	Sale	101	Sale	100⅞	101½	100½ Dec 10	101 Dec 3	99¾ Jan 2	102¼ July 16
199,000	Gen mtge 4s ser A 1980	M-S	92	Sale	92	Sale	92	--	92 Dec 3	92⅝ Dec 3	92 Jan 2	94 Oct 1
93,000	Gen mtge 4¼s ser C 1972	J-J	93⅞	95½	96	--	96	--	96 Dec 12	96½ Dec 10	95½ Jan 9	96½ Dec 10
4,000	Gen mtge 3⅝s ser D 1980	M-S	79½	--	92	--	80	--	-- ------	-- ------	80 July 9	80 July 9
429,000	Atlantic Refin 2⅝s debs 1966	J-J	93½	95	96½	96¾	96½	96¾	96½ Dec 4	96½ Dec 4	94 Jan 3	97 May 23
393,000	3¼s debentures 1979	J-J	87¼	87½	90¾	--	90¾	--	90¾ Dec 19	91 Dec 14	87½ Jan 5	91 Oct 15
16,072,000	4½s conv subord debs 1987	F-A	116¼	Sale	112½	Sale	112½	Sale	112 Dec 3	113½ Dec 6	105 May 29	118½ Jan 4
	Automatic Canteen Co of Amer											
9,596,000	4¾s conv subord debs 1981	J-J	120	Sale	96½	Sale	95	Sale	94¼ Dec 14	96½ Dec 3	90¼ Oct 29	121 Feb 2
	Avco Manufacturing Corp—											
20,935,000	5s conv subord debs 1979	F-A	216¾	Sale	209	Sale	217½	Sale	209 Dec 3	221½ Dec 5	160 May 28	251 Feb 13
	Baltimore & Ohio RR Co—											
1,815,000	1st cons mtge 3⅞s ser A 1970	F-A	77⅛	Sale	77¾	Sale	81½	Sale	77¾ Dec 3	81½ Dec 31	66 Aug 9	81½ Dec 31
3,981,000	1st cons mtge 4s ser B 1980	M-S	66	66½	66¾	Sale	71	Sale	66¼ Dec 4	71 Dec 31	54¼ Jun 27	71 Dec 31
3,315,000	1st cons mtge 4¼s ser C 1995	A-O	63½	Sale	63¼	Sale	70	Sale	63¼ Dec 3	70 Dec 31	54 Jun 27	70 Dec 31
2,974,000	△Conv 4½s inc Feb 1 2010	May	69	Sale	63	Sale	77	Sale	63 Dec 3	77 Dec 31	50 Oct 24	77 Jan 17
4,135,000	4½s conv debs ser A 2010	J-J	57¾	Sale	61⅞	Sale	67	Sale	60½ Dec 4	67 Dec 31	49⅞ Jun 14	67 Dec 31
	Baltimore Gas & Elec Co—											
37,000	1st ref mtge 3s ser Z 1989	J-J	74½	--	79	--	80	--	80 Dec 21	80 Dec 21	75 Feb 9	82 Oct 30
27,000	1st ref mtge 3¼s 1990	J-D	79½	--	80	--	80⅜	--	80⅛ Dec 11	80⅛ Dec 11	77½ Feb 5	80⅛ Dec 11
17,000	1st ref mtge s f 4s 1993	M-S	--	92½	93	96	95	96½	94 Dec 10	96 Dec 14	92 Jan 8	96 Dec 14
1,985,000	4¼s conv debentures 1974	J-J	150	Sale	129⅛	Sale	136½	Sale	129⅛ Dec 3	137½ Dec 24	114 Jun 25	155 Mar 27
	Baxter Laboratories Inc—											
4,898,000	4s conv subord debs 1982	A-O	—	—	108⅞	Sale	109½	Sale	108½ Dec 4	109½ Dec 6	101¾ Jun 5	110½ Aug 24

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Sales for Year 1962 $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
233,000	Beneficial Finance 5s 1977	M-N	103⅛	104⅞	104⅛	—	104½	—	— ------	— ------	102 Jan 31	105½ Mar 14
232,000	4⅞s debentures 1981	J-D	100	103	104½	105¼	103¾	105¼	103⅞ Dec 19	104½ Dec 5	101 July 17	105 Aug 15
	Bethlehem Steel Corp—											
561,000	Cons mtge 2¾s ser I 1970	J-J	90	Sale	92⅛	Sale	91½	Sale	91¼ Dec 11	92¼ Dec 3	88½ Jan 17	92¼ Dec 3
77,000	Cons mtge 2¾s ser J 1976	M-N	82⅜	—	85	—	85¼	—	85¼ Dec 24	85¼ Dec 24	82⅝ Jan 24	85¼ Nov 28
132,000	Cons mtge 3s ser K 1979	J-J	85½	86¾	87½	—	87½	—	87½ Dec 19	87½ Dec 19	84½ July 30	87½ Nov 14
8,533,000	3¼s conv debentures 1980	M-N	139¼	Sale	103¾	Sale	97¼	Sale	97¼ Dec 31	103¾ Dec 3	92 Oct 1	139¼ Jan 2
	Boeing Airplane Co—											
14,374,000	4½s conv subord debs 1980	J-J	118	Sale	105½	Sale	101⅞	Sale	101⅞ Dec 31	106¼ Dec 5	98 May 29	127 Feb 15
98,000	Borden Co 2⅞s debs 1981	M-S	80¼	83	92¾	—	84⅞	—	83½ Dec 13	84⅞ Dec 28	80½ Jan 24	84⅞ Dec 28
623,000	4⅜s s f debentures 1991	J-D	99¾	Sale	103¼	104½	103¼	104⅛	— ------	— ------	99⅜ Jan 8	104⅛ Nov 27
	Boston & Maine RR—											
277,000	1st 5s series AC 1967	M-S	35¾	Sale	42	Sale	42	Sale	41 Dec 27	42¾ Dec 7	33½ July 6	43½ Apr 24
3,303,000	△Inc M 4½s ser A July 1970	May	16	17	15¾	Sale	15¼	Sale	14⅛ Dec 20	17⅞ Dec 5	9 Oct 25	18½ Feb 5
4,167,000	1st mtge 6s series ss 1965	F-A	38	Sale	49	Sale	46	Sale	45¾ Dec 31	50 Dec 5	34⅛ Jun 22	50 Apr 18
117,000	Bristol-Myers Co 3s debs 1968	A-O	90¾	Sale	94½	—	96⅛	—	95⅛ Dec 27	95⅛ Dec 27	90¾ Jan 2	95⅛ Dec 27
	Brooklyn Union Gas Co—											
80,000	General mtge 2⅞s 1976	J-J	80½	—	84½	—	84¼	—	84⅛ Dec 18	85¼ Dec 10	80½ Jan 3	86 Nov 20
16,000	1st mortgage 3s 1980	J-J	76	80¼	77½	—	77½	—	— ------	— ------	78 Feb 21	78 Feb 21
53,000	1st mortgage 4⅛s 1983	M-N	94½	Sale	99¾	—	98	—	98 Dec 24	99⅜ Dec 5	92½ Jun 22	99⅜ Dec 5
97,000	1st mortgage 5⅛s 1986	J-D	105	—	105	105¼	105	—	— ------	— ------	102 Jun 1	105½ Nov 5
76,000	Brown Shoe Co 3½s debs 1971	J-J	90½	Sale	95½	—	96	—	96 Dec 14	96 Dec 14	90 Feb 2	96⅛ Sep 28
	Brunswick Corp—											
21,021,000	4½s conv subord debs 1981	J-J	141½	Sale	91	Sale	90⅝	Sale	89½ Dec 21	92 Dec 5	87½ Oct 24	142 Jan 2
665,000	Buffalo Niag Elec 2¾s 1975	M-N	81¾	Sale	85½	87	95½	—	85½ Dec 26	86½ Dec 19	81¾ Jan 2	86½ Dec 19
	Burroughs Corp—											
16,647,000	4½s conv subord debs 1981	J-D	130¼	Sale	110	Sale	108½	Sale	108½ Dec 20	113 Dec 7	102 Oct 24	147¼ Mar 26
	Bush Terminal Buildings—											
229,000	△Gen mtge 5s income 1982	A-O	95	97½	96⅛	—	96⅛	—	— ------	— ------	94½ Jan 31	98 May 10
24,000	California Elec Power 3s 1976	J-D	—	82⅞	—	—	—	76	— ------	— ------	82½ Feb 20	85½ Nov 7
	Canadian Pacific Ry—											
5,111,000	4% consol deb (perpetual)	J-J	73½	Sale	75⅝	Sale	76⅞	Sale	75⅝ Dec 3	77 Dec 12	72 Feb 16	78½ Mar 20
311,000	Caro Clinch & Ohio 4s 1965	M-S	98	98½	100	Sale	100⅛	Sale	99 Dec 6	100⅛ Dec 20	97½ Jan 4	100⅛ Oct 15
59,000	Carthage & Adir Ry 4s 1981	J-D	53	54½	50½	60½	54	60½	55 Dec 12	55 Dec 12	50 Oct 24	60½ Jan 24
293,000	Case (J I) Co 3½s debs 1978	F-A	63	Sale	55	60	60	Sale	56 Dec 6	60 Dec 31	51 Jun 5	65 Jan 8
6,576,000	5½s conv subord debs 1983	A-O	74½	Sale	68⅜	Sale	74	Sale	66 Dec 18	74 Dec 31	50 Jun 25	78⅜ Jan 4
1,005,000	Caterpillar Tractor 4½s 1977	M-N	100½	102	103½	—	103½	104½	103 Dec 26	104⅝ Dec 14	101 Jan 26	105 May 3
455,000	4⅜s s f debentures 1986	J-D	102⅝	103⅜	105¼	106½	105	105⅝	105 Dec 26	105⅝ Dec 18	102½ July 31	106¼ Nov 16
386,000	Celanese Corp 3s debs 1965	A-O	95½	Sale	97⅛	Sale	97¾	98½	97⅛ Dec 3	98¼ Dec 17	95¼ Jan 9	98¼ Dec 17
208,000	3½s debentures 1976	A-O	85	Sale	89½	Sale	90¾	—	89½ Dec 3	90¾ Dec 24	85 Jan 2	90¾ Dec 24
	Cent of Georgia Ry—											
311,000	1st mtge 4s series A 1995	J-J	73⅜	76	77	95	78	79	75¾ Dec 6	78¼ Dec 20	70 July 11	78¼ Dec 20
1,000	△Gen mtge 4½s ser A 2020	May	86	—	81½	—	81½	—	— ------	— ------	86 Feb 6	86 Feb 6
603,000	△Gen mtge 4½s ser B 2020	May	67	70½	72	Sale	74½	Sale	69 Dec 12	74½ Dec 31	63 May 29	75¾ Feb 21
	Central Illinois Light Co—											
2,399,000	4¼s conv debentures 1974	J-D	130	Sale	111	Sale	119¾	Sale	118½ Dec 27	120½ Dec 31	106 Oct 26	133⅜ Mar 29
6,880,000	Cent RR Co of N J 3½s 1987	J-J	34⅜	Sale	42	Sale	40⅜	Sale	39 Dec 18	42 Dec 3	34¼ Jan 2	42 Nov 30
209,000	Cent N Y Pwr gen mtg 3s 1974	A-O	84½	87	88	Sale	88½	—	88 Dec 3	88½ Dec 27	84½ Jan 17	89 Nov 9
	Central Pacific Ry—											
38,000	1st & ref 3½s ser A 1974	F-A	86	—	86	—	86	—	— ------	— ------	86 Jan 8	86¼ Apr 25
8,000	1st mtge 3⅜s ser B 1968	F-A	92½	—	94	—	94	—	— ------	— ------	93¼ Feb 13	94 Nov 27
	Cerro de Pasco Corp—											
4,623,000	5½s conv subord debs 1979	M-N	114	Sale	103¼	Sale	100½	Sale	100¼ Dec 17	103¼ Dec 3	97⅝ July 25	117 Feb 12
	Chadbourn Gotham Inc—											
160,000	5.90s conv sub debs ww 1971	A-O	153	168	113	—	93	106	— ------	— ------	103 Oct 22	191 Apr 5
2,825,000	Without warrants	A-O	135	Sale	108	Sale	98	Sale	98 Dec 27	108 Dec 3	92 Oct 24	165 Apr 4
211,000	6s conv sub debs ww 1974	A-O	153	—	113	—	93	106	115 Dec 5	115 Dec 5	103 Oct 24	191 Apr 5
2,480,000	Without warrants	A-O	134	Sale	107⅞	Sale	98	Sale	98 Dec 28	108 Dec 3	92 Oct 24	165 Apr 4
	Champion Paper & Fibre—											
26,000	3¼s debentures 1965	J-J	96	—	97½	—	97½	—	— ------	— ------	96 Jan 10	98½ Sep 17
18,000	3¾s debentures 1981	J-J	90	—	90½	—	91½	—	90½ Dec 10	91½ Dec 18	90½ Mar 5	91½ Dec 18
1,744,000	4½s conv subord debs 1984	J-J	114	Sale	106½	Sale	110	Sale	106¼ Dec 4	110 Dec 31	102 Oct 24	119⅛ Apr 11
	Chesapeake & Ohio Ry—											
475,000	General gold 4½s 1992	M-S	93½	95	98½	Sale	96	98⅞	98½ Dec 3	100⅛ Dec 20	94 Jan 17	100⅛ Dec 20
619,000	Ref & imp 3½s ser D 1996	M-N	75	Sale	82⅝	Sale	83⅜	—	82⅝ Dec 3	83⅝ Dec 17	75 Jan 2	83⅝ Dec 17
489,000	Ref & imp 3½s ser E 1996	F-A	75	80	79½	82	82	—	80½ Dec 6	82⅛ Dec 28	75⅛ Apr 11	82¼ Sep 5
556,000	Ref & imp M 3⅞s ser H '73	J-D	89	—	91⅜	—	94	—	91⅜ Dec 5	93⅝ Dec 17	88⅜ Jan 24	94¼ Jun 7
18,000	R & A div 1st cons 4s 1989	J-J	85	87	85½	—	85⅝	—	85⅛ Dec 6	87⅛ Dec 26	82 Feb 5	87⅛ Dec 26
30,000	2nd cons gold 4s 1989	J-J	80	—	80	—	80⅝	—	— ------	— ------	80 Mar 16	84 Mar 19
	Chic Burlington & Quincy—											
122,000	1st & ref mtge 3⅛s 1985	F-A	83	85	85	88	85⅝	—	85⅝ Dec 18	85⅝ Dec 18	83 Jan 23	86 Oct 25
173,000	1st & ref mtge 2⅞s 1970	F-A	84½	86½	84⅝	Sale	86½	—	84⅝ Dec 3	86½ Dev 12	82½ July 27	90 May 2
----	1st & ref mtge 3s 1990	F-A	—	—	78	—	78	—	— ------	— ------	— ------	— ------
138,000	1st & ref mtge 4⅜s 1978	F-A	94	—	95	—	94½	—	95¾ Dec 19	95¾ Dec 19	92 Mar 29	96 Sep 6
	Chicago & Eastern Ill RR—											
1,314,000	△Gen M inc 5s (conv) 1997	Apr	53½	55	56	58	59⅜	Sale	56½ Dec 11	59⅜ Dec 31	37¾ Jun 28	61¾ Jan 23
258,000	1st mtge 3¾s ser B 1985	M-N	63⅛	67½	64¾	Sale	64¾	—	64¾ Dec 3	66 Dec 18	61 May 21	67½ Jan 9
1,857,000	△5s income debs Jan 2054	M-N	30	Sale	29	Sale	29	Sale	25¼ Dec 19	29⅞ Dec 31	19½ Jun 22	37¼ Mar 16
50,000	Chicago & Erie 1st g 5s 1982	M-N	77	79½	—	70	70⅛	73	70 Dec 11	70⅛ Dec 28	70 Nov 21	79½ Feb 7
642,000	Chic Gt Western 4s ser A 1988	J-J	70⅛	72⅞	72¼	73⅝	74⅞	Sale	73 Dec 24	75 Dec 11	69 July 6	75 Dec 11
594,000	△Gen inc M 4½s Jan 2038	Apr	65	Sale	62½	64½	62¾	63	62¾ Dec 24	64 Dec 10	56 Jun 19	67¼ Feb 12
	Chic Ind'polis & Louisv Ry—											
1,329,000	△1st M inc 4s ser A Jan '83	Apr	33⅛	38½	49	Sale	48¼	Sale	47½ Dec 27	51 Dec 5	30 July 5	51 Dec 5
951,000	△2d M inc 4½s A Jan 2003	Apr	22	25	38	Sale	35¾	38	35½ Dec 21	40½ Dec 6	20 Jun 28	40½ Dec 6
	Chic Milw St Paul & Pac—											
213,000	4s series A 1994	J-J	76⅝	—	76¾	—	77¾	78¼	76¾ Dec 6	77⅜ Dec 19	73⅛ Mar 20	77⅜ Dec 19
329,000	4½s series A Jan 2019	Apr	72½	75	78	Sale	78⅛	Sale	78 Dec 3	78⅛ Dec 6	71 Feb 27	78⅛ Dec 6
1,818,000	4½s conv inc ser B Jan 2044	Apr	60½	Sale	55½	Sale	57	Sale	55 Dec 3	57 Dec 21	50 Nov 1	61⅞ Feb 12
7,053,000	△5s inc debs ser A 2055	M-S	59	Sale	53⅞	Sale	54½	Sale	53⅛ Dec 11	55¼ Dec 5	46½ Oct 26	63 Mar 6
	Chic & North Western Ry—											
11,629,000	2d M conv inc 4½s Jan 1999	Apr	68¼	Sale	50¼	Sale	48⅝	Sale	46⅞ Dec 18	50¼ Dec 3	42 Jun 27	71 Feb 7
32,000	1st mtge 3s series B 1989	J-J	52	56	50	56	51⅛	53	50 Dec 7	51⅛ Dec 13	50 Jun 11	56 Jan 30
	Chicago Rock Island & Pacific											
65,000	RR 2⅞s series A 1980	J-J	64	71¼	71⅜	—	71⅝	—	72 Dec 10	72 Dec 10	65 Feb 26	72 Dec 10
312,000	4½s income debentures 1995	M-S	72	75	74⅛	Sale	76¾	—	74⅛ Dec 3	76¾ Dec 20	71¾ Sep 10	77½ Mar 19
193,000	1st mtge 5½s series C 1983	F-A	100	Sale	101½	102	102	105	102 Dec 7	103¾ Dec 27	98 May 29	104 May 14
	Chic T H & Southeast—											
105,000	1st & ref M 2¾s-4¼s 1994	J-J	58½	—	54⅛	Sale	55⅜	Sale	54 Dec 4	55⅜ Dec 31	53 Nov 19	59 Feb 13
140,000	Income 2¾s-4¼s 1994	J-J	53	57	51	54	51⅞	55	52½ Dec 4	54¼ Dec 20	48¼ Nov 5	57 Jan 25
	Chicago Union Station—											
688,000	1st mtge 3⅛s series F 1963	J-J	98	98¾	99 5/16	100	99 5/16	99¾	99¼ Dec 10	99⅝ Dec 19	98 Jan 10	100¼ Jun 14
210,000	1st mtge 2⅞s series G 1963	J-J	96¾	Sale	99¼	99½	99¼	99⅝	99¼ Dec 4	99 5/16 Dec 20	96¾ Jan 2	99½ Oct 8
	Chicago & Western Ind RR—											
515,000	1st coll tr M 4⅜s ser A 1982	M-N	98	—	99¾	100	100	—	99¾ Dec 4	100 Dec 2	97 Jan 11	100½ Aug 22
	Chock Full O'Nuts Corp—											
2,877,000	4½s conv subord debs 1981	M-N	127	Sale	106	Sale	104	Sale	103¾ Dec 19	106½ Dec 6	99⅝ Oct 24	127 Jan 2
	Cincinnati Gas & Elec—											
257,000	2nd mtge 2¾s 1975	A-O	82	82½	85¾	—	85¾	—	85¾ Dec 7	85¾ Dec 7	82 Jan 19	86 Apr 26
8,000	1st mtge 2⅞s 1978	J-J	—	—	—	—	—	—	— ------	— ------	82 Mar 15	83 Aug 17
111,000	1st mtge 4⅛s 1987	M-N	—	97	99¾	—	98	—	99½ Dec 13	99¾ Dec 5	96 Jan 8	99⅞ Nov 23
	Cincinnati Union Term—											
42,000	1st mtge gtd 3⅜s ser E 1969	F-A	93⅝	—	95¾	96½	95¾	96½	— ------	— ------	93⅝ Jan 4	96¼ Nov 20
170,000	1st mtge 2¾s series G 1974	F-A	85	—	86	—	86	—	86 Dec 18	86¼ Dec 12	85 Jan 8	87 Jun 29

For footnotes, see page 95.

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Sales for Year 1962 $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
	C I T Financial Corp—											
1,600,000	3⅝s debentures 1970	M-S	93¾	Sale	96	Sale	96⅛	Sale	96 Dec 3	96⅞ Dec 20	93⅛ Feb 14	97⅜ May 24
4,314,000	4¼s debentures 1971	A-O	100½	Sale	101¾	Sale	100⅞	Sale	100½ Dec 11	101¾ Dec 3	100 Jun 4	102½ Mar 12
1,840,000	Cities Service 3s s f debs 1977	J-J	81⅛	Sale	86½	Sale	86½	Sale	86 Dec 6	87⅜ Dec 24	81 Jan 3	87⅜ Dec 24
	City Products Corp—											
7,565,000	5s conv subord debs 1982	J-D	102¾	Sale	105⅛	Sale	105	Sale	103 Dec 14	106¼ Dec 5	95 Jun 22	119 Mar 23
	Cleve Cinc Chicago & St L—											
219,000	General gold 4s 1993	J-D	58¾	61¾	60½	Sale	62	—	60½ Dec 3	61⅛ Dec 20	58¾ Nov 7	65⅜ May 22
----	General 5s series B 1993	J-D	—	—	—	80	76	80	— ------	— ------	— ------	— ------
1,650,000	Ref & impt 4½s ser E 1977	J-J	68	Sale	73¾	Sale	72¾	Sale	72¾ Dec 3	74 Dec 11	67¼ Aug 6	74½ May 8
287,000	Cinc W & M Div 1st 4s 1991	J-J	50¼	52¾	54½	58	56	Sale	55 Dec 12	56 Dec 31	51 Aug 13	59 Mar 13
19,000	St L Div 1st coll tr 4s 1990	M-N	82	—	80¾	83	80¾	85	— ------	— ------	80 Oct 23	82¼ May 22
794,000	Cleveland Elec Illum 3s 1970	J-J	90	90½	92¾	—	92⅞	Sale	92¾ Dec 4	93½ Dec 14	88¾ May 28	93¾ Nov 13
48,000	1st mortgage 3s 1982	J-D	81	—	—	86	80⅛	—	— ------	— ------	79⅞ Mar 13	81 Jan 3
5,000	1st mortgage 2¾s 1985	M-S	—	—	76½	77¼	77⅛	—	— ------	— ------	77⅛ May 11	77⅛ May 11
30,000	1st mortgage 3⅜s 1986	J-D	—	86⅝	82	—	82	—	— ------	— ------	82⅛ Feb 21	86¾ Nov 27
50,000	1st mortgage 3s 1989	M-N	76¼	76¾	—	81	—	—	79 Dec 18	80⅛ Dec 10	76 Aug 14	80⅛ Dec 10
28,000	1st mortgage 3⅞s 1993	M-S	—	90¾	93	—	94¼	95¼	— ------	— ------	90¾ Jan 4	93⅛ Jun 26
118,000	1st mortgage 4⅜s 1994	A-O	99	100	101	103	101	102½	— ------	— ------	99½ Jan 17	102 Oct 16
	Colorado Fuel & Iron Corp—											
6,485,000	4⅞s ser A s f conv debs 1977	J-J	104¾	Sale	84¼	Sale	80½	Sale	80⅜ Dec 31	84½ Dec 6	77¼ Jun 27	105¼ Jan 3
	Columbia Gas System Inc—											
136,000	3s debentures series A 1975	J-D	84⅛	—	90	—	89½	—	90 Dec 11	90 Dec 11	84½ Feb 16	91 Aug 29
119,000	3s debentures series B 1975	F-A	84¾	—	90¼	91¼	89½	92	90 Dec 26	90⅛ Dec 13	84¾ Feb 26	90½ Oct 19
219,000	3⅜s debentures ser C 1977	A-O	86¾	90	90	Sale	89⅝	—	89½ Dec 5	90 Dec 3	87 Jan 4	92 Sep 19
189,000	3½s debentures ser D 1979	J-J	86½	Sale	90⅞	—	91¼	—	91¼ Dec 6	91¼ Dec 6	86½ Jan 2	91½ Oct 1
160,000	3⅝s debentures ser E 1980	M-S	88⅝	93	92⅞	Sale	92½	93	92⅞ Dec 3	92⅞ Dec 3	88⅝ Jan 17	93⅛ Jun 5
151,000	3⅞s debentures ser F 1981	A-O	91¾	93½	95½	96⅛	95	96¼	95 Dec 12	95½ Dec 7	91¾ Jan 26	97 Oct 1
365,000	4¾s debentures ser G 1981	A-O	99	Sale	103¼	105⅛	104	—	103¼ Dec 6	104 Dec 27	99 Jan 2	104 Dec 27
718,000	5s debentures series I 1982	O-A	102	Sale	101¼	102⅛	104	105¾	103½ Dec 6	104⅛ Dec 27	101½ July 18	106 Sep 21
794,000	4⅜s debentures ser J 1983	M-S	90½	Sale	98¼	Sale	100	100½	98¼ Dec 3	100½ Dec 14	96½ Jan 2	101¾ Oct 22
360,000	4⅞s debentures ser K 1983	O-A	102	Sale	103	105	101¼	104⅜	104½ Dec 5	104½ Dec 5	100 Mar 5	105¼ Oct 18
1,360,000	5⅜s debentures ser N 1984	A-O	103¾	Sale	105¼	Sale	105¼	106	104¾ Dec 4	106⅝ Dec 14	104 Jan 9	107¼ Mar 26
696,000	5⅛s debentures ser O 1985	A-O	103¼	105½	104½	105	104¾	105½	104⅜ Dec 13	105¼ Dec 27	103 May 31	106½ Mar 12
28,000	3½s conv subord debs 1964	M-N	95	—	97¾	—	97½	—	97½ Dec 12	97¾ Dec 10	95 Jan 11	97¾ Jun 28
	Columbus & Sou-Ohio Elec—											
142,000	1st mortgage 3¼s 1970	M-S	91½	Sale	93⅛	95	93½	94½	93½ Dec 11	93½ Dec 11	90½ Jan 29	97 Sep 5
----	1st mortgage 3⅝s 1983	M-N	—	—	—	—	—	—	— ------	— ------	— ------	— ------
4,000	1st mortgage 3¾s 1986	A-O	86½	—	—	—	—	—	— ------	— ------	93 Oct 11	93 Oct 11
139,000	1st mortgage 4½s 1987	M-S	97	—	101⅞	—	101⅞	—	101⅞ Dec 17	101⅞ Dec 17	97 Jan 3	102¾ Nov 1
	Combustion Engineering Inc—											
5,058,000	3⅜s conv subord debs 1981	J-D	110	114	98	Sale	101¼	Sale	97½ Dec 3	102 Dec 26	90 Oct 25	114 Feb 19
	Commonwealth-Edison Co—											
861,000	1st mtge 3s series L 1977	F-A	84	Sale	88¼	Sale	88½	Sale	88¼ Dec 3	89½ Dec 24	83 Feb 12	89½ Dec 24
108,000	1st mtge 3s series N 1978	J-D	80½	84	86	86¾	86½	87¾	85⅞ Dec 5	86½ Dec 13	81¼ Mar 5	87 Nov 26
59,000	3s s f debentures 1999	A-O	76	—	77	Sale	77	80	77 Dec 3	77¼ Dec 27	75 Sep 5	77¼ Dec 27
61,000	2¾s s f debentures 1999	A-O	73⅛	76½	72⅛	—	72⅛	—	72⅛ Dec 18	72⅛ Dec 18	72 Sep 6	74½ Jun 19
39,000	2⅞s s f debentures 2001	A-O	73¼	—	76½	—	76	78	76 Dec 26	76¼ Dec 20	73½ Aug 8	76¾ Oct 26
	Consolidated Edison Co N Y—											
	1st & refunding mortgage											
530,000	2¾s series A 1982	M-S	77	82	81	82	80⅜	Sale	80 Dec 7	81⅞ Dec 4	76¾ Feb 15	81⅞ Dec 4
311,000	2⅝s series B 1977	A-O	80⅝	—	82¾	Sale	83⅛	83⅞	82¾ Dec 3	83⅞ Dec 28	79 Jan 19	83⅞ Dec 28
458,000	2¾s series C 1972	J-D	86	86⅞	88	Sale	90½	90¾	88 Dec 3	90 Dec 20	85½ Jan 31	90 Nov 21
599,000	3s series D 1972	M-N	86½	—	91	Sale	—	—	90½ Dec 11	91¾ Dec 24	86¼ Feb 16	91¾ Dec 24
192,000	3s series E 1979	J-J	—	82	—	—	85	—	84¾ Dec 11	85 Dec 11	80¾ Jan 18	86 Nov 16
200,000	3s series F 1981	F-A	80	81	85½	86	85½	—	85½ Dec 6	85½ Dec 6	80½ Jan 29	85¾ Nov 19
376,000	3¼s series G 1981	M-N	83¼	84½	88	88¾	87⅝	88⅛	87⅝ Dec 27	88¼ Dec 18	83¼ Jan 4	88¾ Nov 1
220,000	3⅜s series H 1982	M-S	85	—	88¼	90	89	89⅞	88¼ Dec 5	89 Dec 19	84 Jan 11	89 Nov 14
262,000	3½s series I 1983	F-A	84½	87	89½	—	90¼	90¾	89¼ Dec 7	90¾ Dec 26	86⅜ Jan 22	90¾ Dec 26
216,000	3⅜s series J 1984	J-J	84¼	Sale	87½	89½	—	—	89¼ Dec 18	89¼ Dec 18	84¼ Jan 2	89½ Oct 31
226,000	3⅜s series K 1985	J-D	83¼	Sale	87¾	89	88¼	89	87¾ Dec 5	88¼ Dec 5	83¼ Jan 2	88¼ Dec 5
325,000	3⅝s series L 1986	M-N	86⅛	87	91⅛	Sale	90¾	Sale	90¾ Dec 19	91¼ Dec 7	86½ Jan 4	91⅞ Oct 8
1,396,000	4¼s series M 1986	A-O	98	100	100⅞	—	102	102½	101 Dec 4	102½ Dec 27	97¼ Feb 14	102½ Dec 27
806,000	5s series N 1987	A-O	103⅞	Sale	104½	105⅝	105¼	106	104¼ Dec 4	105¾ Dec 18	103⅞ Jan 2	108 Oct 22
1,456,000	4s series O 1988	J-D	93	Sale	97⅜	Sale	97	Sale	96¾ Dec 24	97¾ Dec 4	92½ Feb 20	98¾ May 18
1,478,000	5⅛s series P 1989	J-D	104¾	106	105¼	106	106¾	Sale	106 Dec 4	107¼ Dec 27	104¾ Jan 10	107⅜ Sep 14
105,000	4¾s series R 1990	J-D	104½	—	104⅝	—	104½	105½	— ------	— ------	102¾ Sep 13	105½ Jun 4
314,000	5s series S 1990	J-D	105⅛	—	107	—	106¾	—	106¾ Dec 18	107 Dec 18	105⅛ Jan 3	109 Jun 13
486,000	4¾s series T 1991	J-D	103½	Sale	101	105⅝	105	105¾	105 Dec 18	105¾ Dec 26	102 July 31	105¾ May 8
835,000	4⅝s series U 1991	M-N	—	—	103	104⅜	104	—	104⅜ Dec 11	104½ Dec 19	101¼ Feb 1	105⅞ May 17
932,000	4⅜s series V 1992	J-D	—	—	101½	101⅞	102⅜	Sale	100¾ Dec 11	102⅜ Dec 28	100¼ Oct 24	102⅜ Dec 28
532,000	4⅜s series W 1992	A-O	—	—	101¼	Sale	102	Sale	100¾ Dec 5	102¼ Dec 28	100¾ Dec 5	102¼ Dec 28
15,000	3s conv debentures 1963	J-D	—	—	309	—	330	—	315 Dec 4	315 Dec 4	281 July 9	320¼ Mar 30
	Consolidated Electrodynamics											
3,230,000	4½s conv subord debs 1984	J-D	146	150	105½	Sale	103½	Sale	103 Dec 19	106 Dec 5	95½ Oct 23	146⅛ Jan 4
	Consol G E L & P (Balt)—											
129,000	1st ref M 2⅞s ser T 1976	J-J	82	84	—	87¼	85½	—	85¼ Dec 17	85¼ Dec 17	81½ Feb 14	87¼ Nov 29
67,000	1st ref M 2⅞s ser U 1981	A-O	78½	—	83⅛	—	82¾	83¾	82¾ Dec 12	82¾ Dec 12	78⅜ Mar 22	83⅜ Nov 19
21,000	1st ref M 2¾s ser X 1986	J-J	—	74	77	—	—	—	— ------	— ------	73 Jan 12	73 Jan 12
	Consolidated Nat Gas—											
62,000	2¾s debentures 1968	A-O	91⅜	—	93¼	—	93⅝	—	93⅜ Dec 7	93⅜ Dec 7	92¼ Mar 13	94⅛ Mar 27
221,000	3¼s debentures 1976	M-N	88⅛	89	91¼	—	90¾	—	91 Dec 24	91¼ Dec 7	88⅝ Feb 2	91⅜ Jun 1
81,000	3⅛s debentures 1979	J-D	83	—	85¾	—	85¾	—	85¾ Dec 17	85¾ Dec 17	83½ Jan 16	90 July 11
32,000	3s debentures 1978	F-A	85	—	84⅝	—	84⅝	—	84⅝ Dec 17	85 Dec 20	84⅝ Dec 17	85 Feb 26
98,000	4⅞s debentures 1982	J-D	103	104	103¼	—	103⅞	—	103¼ Dec 4	103¼ Dec 4	103¼ Dec 4	105¼ Jan 24
246,000	5s debentures 1982	M-S	102⅝	Sale	—	—	105	Sale	104 Dec 11	105⅞ Dec 26	102⅝ Jan 2	106 Apr 13
578,000	4⅜s debentures 1983	F-A	97½	101	101⅛	Sale	101½	102¼	101 Dec 5	102 Dec 11	99 Jan 8	102⅝ Aug 29
178,000	5s debentures 1985	F-A	104⅛	Sale	104	106¼	104¾	106¼	104¼ Dec 19	104¼ Dec 19	104 Jan 8	106 Mar 23
949,000	4⅜s debentures 1986	F-A	99⅝	Sale	102½	—	101	102½	102 Dec 11	104 Dec 26	98½ Jan 24	104 Dec 26
335,000	4¾s s f debentures 1986	M-N	104⅜	—	104½	Sale	104¼	105	102½ Dec 26	104½ Dec 3	102 Jun 28	105½ May 7
422,000	4½s debentures 1987	M-S	—	—	102⅛	104⅜	102	104⅜	102⅛ Dec 5	102⅛ Dec 5	101 Mar 29	104⅛ Apr 24
1,236,000	Consumers Power 2⅞s 1975	M-S	83	84	87½	Sale	87	—	87 Dec 17	88 Dec 4	83½ Jan 18	88 Dec 4
4,737,000	Conv debentures 4⅜s 1975	F-A	144	Sale	142	Sale	147	Sale	142 Dec 3	148 Dec 7	115½ Jun 25	149⅝ Apr 19
810,000	1st mortgage 4¾s 1987	A-O	101⅜	102½	103⅝	—	104	104¾	103⅜ Dec 19	104 Dec 27	102 Jan 4	105⅛ Apr 17
263,000	1st mortgage 4½s 1988	A-O	98	101½	102¼	104⅞	102½	104	102¼ Dec 7	102⅜ Dec 19	99 Jun 26	103½ May 25
207,000	1st mortgage 4⅝s 1989	F-A	102⅛	103¼	103	—	102⅞	104½	— ------	— ------	101¼ Jan 9	104⅞ May 22
58,000	1st mortgage 4⅝s 1990	J-D	102	103	—	104½	—	104½	— ------	— ------	101½ Feb 15	104½ Nov 13
458,000	1st mortgage 4⅝s 1991	F-A	101¼	103¼	104	106¼	104	—	104 Dec 13	105 Dec 10	102¼ Feb 16	105 May 9
426,000	Continen Baking 3s debs 1965	J-J	95⅛	—	97½	—	97½	—	97½ Dec 11	97½ Dec 11	95⅛ Jan 15	97½ Nov 27
4,570,000	4⅜s conv subord debs 1983	M-N	108¼	Sale	102¼	Sale	103¾	Sale	102¼ Dec 3	105 Dec 10	95 Jun 5	109 Feb 21
17,000	Contin Can 3⅜s debs 1976	A-O	87⅛	—	91	—	91⅜	—	— ------	— ------	87½ Feb 9	90½ Nov 9
145,000	4⅝s debentures 1985	A-O	103	103½	—	—	—	—	103½ Dec 21	103½ Dec 21	102½ Apr 12	104⅝ Nov 19
93,000	Continental Oil Corp 3s 1984	M-N	82¼	—	85	86¼	85⅜	—	85 Dec 4	85 Dec 4	82¼ Jan 25	85½ Nov 14
643,000	4½s debentures 1991	M-N	—	101½	103¼	—	103½	—	103¼ Dec 13	103½ Dec 19	100½ Feb 6	104½ May 17
	Copperweld Steel Co—											
2,154,000	5s conv subord debs 1979	J-D	106½	Sale	102	104	100¾	Sale	100⅛ Dec 18	104 Dec 5	95 Jun 27	107½ Mar 14
742,000	Corn Products Co 4⅝s 1983	A-O	103	Sale	104¼	Sale	104¾	Sale	104¼ Dec 3	105 Dec 10	101 Jan 26	106 Nov 14
	Crowell Collier Publishing—											
6,084,000	4½s conv subord debs 1981	A-O	118¾	Sale	101½	Sale	96⅝	Sale	96 Dec 31	101½ Dec 3	96 Dec 31	119 Jan 4
30,000	Crucible Stl 1st mtge 3⅛s 1966	M-N	92⅛	Sale	92⅜	95	92⅜	95	92⅜ Dec 26	92⅜ Dec 26	92 Sep 13	93 May 31
1,654,000	Curtis Publishing Co 6s 1986	A-O	80	Sale	67½	Sale	67½	Sale	64 Dec 20	68¼ Dec 31	58½ Jun 27	80 Jan 2
27,000	Daystrom Inc 5¼s 1980	A-O	100	—	102½	—	102½	—	— ------	— ------	100½ Feb 1	104½ Mar 20
	Dayton Power & Light—											
147,000	1st mortgage 2¾s 1975	A-O	80½	Sale	84½	85½	84¾	86½	85½ Dec 5	85½ Dec 5	80½ Jan 2	85½ Nov 14
3,000	1st mtge 3s 1978	J-J	—	—	—	—	—	—	— ------	— ------	79 Jun 26	79 Jun 26
11,000	1st mtge 3s series A 1978	J-D	—	—	—	—	—	—	— ------	— ------	80 May 24	83½ Aug 23
32,000	1st mortgage 3¼s 1982	F-A	81⅛	85	84	—	84	—	84 Dec 10	84 Dec 10	82¼ Feb 13	86¾ May 28
31,000	1st mortgage 3s 1984	M-S	76¾	79¾	80¼	80½	83	84	83 Dec 24	83 Dec 24	77 Feb 1	83 Dec 24
140,000	1st mortgage 5s 1987	M-N	103⅜	103¾	103⅛	Sale	103⅝	104½	103⅛ Dec 3	104½ Dec 19	103 July 17	105½ Mar 12
104,000	1st mortgage 5⅛s 1990	M-S	103	—	104¼	105¼	104	—	104¾ Dec 27	104⅞ Dec 27	103½ Feb 23	105½ Mar 30
188,000	Deere & Co 2¾s debs 1965	A-O	95¾	—	97½	97¾	97½	—	97½ Dec 10	97¾ Dec 18	95½ Jun 1	98 Nov 8
208,000	3⅛s debentures 1977	J-J	85½	87½	87	—	87	—	87 Dec 19	87 Dec 19	85⅝ Feb 1	88 Jun 11
1,486,000	4½s subord debs 1983	F-A	94	96	100	Sale	100⅛	Sale	99½ Dec 5	100½ Dec 14	95 Jan 5	100½ Nov 29

For footnotes, see page 95.

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Sales for Year 1962 $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1962 Opening or Bid	Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Ask	Dec. 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	Highest Sale Prices
1,657,000	Delaware & Hud 4s ext__1963	M-N	99	Sale	99⅞	Sale	100	Sale	99⅞ Dec 3	100 Dec 6	97½ Jan 26	101 May 14
	Delaware Lack & West RR Co											
	N Y Lack & Western div											
146,000	1st & ref M 5s ser C_1973	M-N	50	--	54½	Sale	51⅝	--	54 Dec 18	54½ Dec 3	49¼ Jun 28	57 Apr 19
265,000	△Income mtge due___1993	May	18½	20	14¾	Sale	11	Sale	11 Dec 31	16½ Dec 7	10½ Oct 3	22½ Apr 13
	Morris & Essex division											
1,549,000	Coll trust 4-6s May 1 2042	M-N	31¼	Sale	32	Sale	31	Sale	30¾ Dec 31	34¼ Dec 6	27½ Aug 8	36¾ Jan 19
	Pennsylvania division											
102,000	1st M & coll tr 5s___1985	M-N	40	45	42¾	46	42¾	44¾	42¼ Dec 13	43 Dec 27	42 Nov 26	48 Feb 23
107,000	1st M & coll tr 4½s B_'85	M-N	--	40⅛	35⅛	40	36¾	40½	36⅝ Dec 11	40⅞ Dec 4	33⅞ Nov 12	41⅛ Apr 1
23,000	Delaware Pwr & Lt 3s___1973	A-O	85½	88¼	--	--	88½	90	87 Dec 12	87 Dec 12	85 May 2	87 Oct 1
----	1st mtge & coll tr 3⅛s_1977	J-D	82½	84½	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	1st mtge & coll tr 2⅞s_1979	J-J	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
5,000	2¾s 1st mtge & coll tr_1980	M-S	--	--	--	--	79½	--	-- ------	-- ------	80½ May 23	80½ May 23
29,000	1st mtge & coll tr 3⅞s_1988	J-D	--	--	94½	--	94½	96	95¾ Dec 27	95¾ Dec 27	90⅛ Sep 18	95¾ Dec 27
	Denver & Rio Gr West—											
	1st mtge ser A (3% fixed											
239,000	1% contingent int)__1993	J-J	80¼	84½	85½	89¾	89	90½	87 Dec 14	89¾ Dec 28	81 Jan 5	89¾ Dec 28
	Inc mtge series A (4½%											
319,000	contingent interest)__2018	Apr	85	Sale	86	88½	86¼	88	85⅛ Dec 14	88 Dec 5	81 July 9	89⅜ Nov 28
	Denver & Salt Lake—											
	Inc mtge (3% fixed											
66,000	1% contingent int)__1993	J-J	80½	--	84	--	95¼	--	-- ------	-- ------	80 Jun 5	86 Nov 27
	Detroit Edison—											
767,000	Gen & ref 3s ser H____1970	J-D	88⅞	90¼	92	Sale	92¾	Sale	91¾ Dec 11	93 Dec 6	88¾ Jan 18	93½ Nov 27
301,000	Gen & ref 2¾s ser I___1982	M-S	75¾	76¼	79½	81¾	80⅞	81⅝	79⅛ Dec 7	80⅞ Dec 21	76¼ Jan 3	81½ Nov 19
78,000	Gen & ref M 2¾s ser J_1985	M-S	74¼	76	78	79¾	79½	--	78¼ Dec 20	79½ Dec 28	76 Mar 6	79½ Dec 28
174,000	Gen & ref 3⅜s ser K__1976	M-N	87⅞	Sale	89¼	90	90⅞	92	90 Dec 7	91 Dec 14	87 Feb 15	91 Dec 14
1,000	3¼s conv debentures__1969	F-A	--	--	238	--	240	--	245 Dec 20	245 Dec 20	245 Dec 20	245 Dec 20
47,000	3¾s conv debentures__1971	M-S	--	--	192	--	200	--	-- ------	-- ------	168½ July 23	198 Nov 30
157,000	Gen & ref M 2⅞s ser N_'84	M-S	76¾	78¼	79¼	--	81	82¼	81 Dec 21	81½ Dec 20	77 Oct 24	81½ Dec 20
259,000	Gen & ref 3¼s ser O__1980	M-N	84¾	86	87½	--	87⅝	--	87⅛ Dec 7	89 Dec 28	83¾ Jan 9	89 Dec 28
	Detroit & Mackinac Ry—											
20,000	1st lien 4s_____1995	J-D	71⅛	--	72⅛	--	72⅛	Sale	72⅛ Dec 18	72⅛ Dec 18	71⅛ Apr 9	72⅛ Dec 18
2,000	△Second gold 4s_____1995	J-D	68	--	71	--	71	--	-- ------	-- ------	70⅛ Jun 21	70⅛ Jun 21
	Detroit Toledo & Ironton RR											
12,000	2¾s series B_____1976	M-S	70	--	74	--	74	--	-- ------	-- ------	70 July 12	70 July 12
47,000	Diamond Gardner 4s debs_1983	A-O	91	93	96	Sale	95½	96¾	95¾ Dec 13	96 Dec 3	91⅛ Feb 9	96 Dec 3
	Douglas Aircraft Co Inc—											
6,201,000	4s conv subord debs____1977	F-A	80⅛	Sale	83⅛	Sale	75	Sale	73½ Dec 21	84 Dec 4	67½ Jun 26	84½ Feb 2
1,166,000	5s s f debentures_____1978	A-O	94½	Sale	96⅜	Sale	93¾	Sale	93¾ Dec 31	97 Dec 6	91 July 5	98 Apr 4
	Dow Chemical Co—											
7,934,000	3s conv subord debs____1982	J-J	169⅞	Sale	129	Sale	125	Sale	125 Dec 28	131 Dec 5	98 Jun 25	171 Jan 4
	Dresser Industries Inc—											
2,849,000	4⅛s conv subord debs__1977	M-S	99	Sale	98⅛	Sale	97	97⅜	97¼ Dec 20	99 Dec 6	92⅜ Aug 7	106 Feb 19
381,000	Duquesne Lt 1st mtge 2¾s_'77	F-A	80	Sale	--	84¾	--	85¼	84¾ Dec 11	85 Dec 28	79 Jan 17	85¼ Nov 29
----	1st mortgage 2⅝s_____1979	A-O	76	78½	--	92½	--	92½	-- ------	-- ------	-- ------	-- ------
2,000	1st mortgage 2¾s_____1980	F-A	--	78	--	--	--	--	-- ------	-- ------	77 Mar 8	77½ May 7
14,000	1st mortgage 3¼s_____1982	M-S	--	--	86¼	88	--	--	-- ------	-- ------	84¼ Aug 23	86½ Nov 16
31,000	1st mortgage 3⅝s_____1983	M-S	85	--	--	91	--	--	89 Dec 4	92¼ Dec 8	88¾ Sep 11	92¼ Dec 8
9,000	1st mortgage 3⅛s_____1984	J-J	79	--	--	--	--	--	-- ------	-- ------	77½ July 27	84 Sep 6
12,000	1st mortgage 3½s_____1986	A-O	83¾	85¾	87½	91	87½	90⅞	90¼ Dec 17	90¼ Dec 17	85¾ Feb 21	90¼ Dec 17
76,000	1st mortgage 3¾s_____1988	A-O	87¾	--	90¼	94	93½	94	93½ Dec 28	93½ Dec 28	88¾ July 9	93¾ Nov 2
33,000	1st mortgage 4¼s_____1989	M-S	97	98	99⅝	--	99	--	-- ------	-- ------	96⅛ Jan 29	99 Apr 24
46,000	5s s f debentures_____2010	M-S	103⅜	105¼	102½	105	104	104½	104 Dec 18	104½ Dec 4	103 Apr 10	106⅛ Oct 23
	Eastern Gas & Fuel Associates											
182,000	1st mtge & coll tr 3½s_1965	J-J	96¼	--	99¼	Sale	99¼	--	99¼ Dec 3	99¼ Dec 3	96¼ Jan 5	99¼ Oct 29
	Eastern Stainless Steel Corp—											
1,607,000	5s conv subord debs____1973	M-N	105¾	109	99¾	Sale	100½	Sale	99½ Dec 7	100½ Dec 28	94 Jun 5	110 Feb 9
12,000	Ed El Ill N Y 1st cons 5s_1995	J-J	106	--	108	--	107½	--	-- ------	-- ------	105¾ Oct 8	106⅝ Jan 29
79,000	Ekco Products 4.60s_____1987	F-A	--	--	103⅝	--	--	104	104 Dec 14	104 Dec 14	101¼ Sep 4	104 Dec 14
63,000	Elgin Jol & East 3¼s A__1970	M-S	85⅝	--	89⅜	--	90¼	--	90⅛ Dec 20	90⅛ Dec 20	85⅝ Jan 9	90⅛ Dec 20
98,000	El Paso & S W 1st & ref 5s_'65	A-O	101¼	--	101	103	101	103	101 Dec 21	101 Dec 21	99⅞ Aug 8	102½ May 9
11,000	5s stamped_____1965	A-O	101¼	--	101	--	101	--	-- ------	-- ------	99⅞ May 9	101½ May 22
	Erie Railroad Co—											
5,072,000	Gen M inc 4½s A Jan__2015	Apr	17⅝	Sale	14¾	Sale	13	Sale	12½ Dec 28	15⅞ Dec 5	10¼ Oct 18	20 Jan 4
640,000	1st cons mtge 3¼s ser E_'64	A-O	71	Sale	73	77	78½	80½	77 Dec 4	80½ Dec 19	66 Apr 10	80½ Dec 19
526,000	1st cons mtge 3⅛s ser F_'90	J-J	34	Sale	34	Sale	33⅜	35	33½ Dec 4	34¾ Dec 5	31 Oct 18	37 Mar 16
489,000	1st cons M 3⅛s ser G_2000	J-J	32	Sale	32¾	Sale	33	33¾	32¾ Dec 3	34¼ Dec 3	31 Oct 8	36½ May 2
5,154,000	△5s income deb__Jan 1 2020	A-O	16⅞	17⅜	14	Sale	12	Sale	11⅛ Dec 27	14¾ Dec 4	9½ Nov 2	19¼ Jan 4
52,000	Ohio Div 1st M 3¾s___1971	A-O	--	75	71½	--	71½	--	-- ------	-- ------	68 Apr 11	70 Mar 2
149,000	Family Finance Corp 5s__1981	M-S	--	--	--	104	--	104	104 Dec 4	104 Dec 4	102½ Aug 29	104¾ Aug 15
	Fansteel Metallurgical Corp—											
1,236,000	4¾s conv subord debs__1976	A-O	124	Sale	107½	Sale	107½	Sale	104½ Dec 12	107½ Dec 3	100 May 29	124 Jan 2
48,000	Federal Paper Board 5s__1981	M-N	--	103¾	--	103½	--	103½	-- ------	-- ------	100 Aug 10	103½ Mar 21
	Firestone Tire & Rubber—											
32,000	2⅝s debentures_____1972	J-J	86	--	86	--	--	--	88⅛ Dec 14	88⅛ Dec 14	86 Aug 14	88⅛ Dec 14
332,000	3¼s debentures_____1977	M-N	88	--	90	--	90	--	90 Dec 20	90 Dec 20	88¼ Jan 25	91 Oct 24
1,063,000	Flintkote Co 4½s conv___1980	A-O	103	104	102	--	102	--	103 Dec 12	103¼ Dec 26	101 May 4	106 Mar 7
	‡△Florida East Coast—											
1,179,000	1st mtge 5s series A___2011	J-J	66	Sale	71	Sale	72½	Sale	70⅝ Dec 5	72¾ Dec 14	65 Jun 27	75⅝ Mar 19
	2nd mortgage 5½s conv											
2,482,000	income series A_____2011	J-J	30	Sale	34⅞	Sale	31⅝	33	31⅝ Dec 26	36¼ Dec 4	27 Aug 9	45¼ Mar 6
	Food Fair Stores Inc—											
6,212,000	4s conv subord debs____1979	A-O	123¼	Sale	95	Sale	93¼	Sale	92¾ Dec 18	96½ Dec 5	89½ Oct 23	123¼ Jan 2
202,000	Foremost Dairies 4½s____1980	J-J	90	92	92	94⅝	91½	94⅝	91½ Dec 18	92 Dec 4	90 Jan 23	95½ Apr 30
	Fort Worth & Denver Ry Co—											
2,000	1st mortgage 4⅜s_____1982	M-N	--	90	--	90	--	85	-- ------	-- ------	81 Aug 16	81 Aug 16
	Gardner-Denver Co—											
314,000	4¼s conv subord debs__1976	A-O	132	145	118	138	129	--	121⅝ Dec 7	130 Dec 20	103 Jun 27	135 Feb 13
	Gen Amer Oil Co of Texas—											
6,680,000	4¾s conv subord debs__1984	M-N	107	Sale	109½	Sale	112	Sale	109½ Dec 3	113½ Dec 24	100 May 29	119¼ May 7
	Gen Amer Transportation—											
44,000	4s conv subord debs____1981	M-N	--	--	154	--	171	--	172 Dec 17	172 Dec 17	131 Jun 27	202 Jan 5
	General Cigar Co—											
358,000	5½s cum inc sub debs__1987	J-D	101	103¾	103⅝	Sale	103½	Sale	103 Dec 12	104 Dec 27	100 Jun 11	105 Mar 6
2,689,000	Gen Electric 3½s debs___1976	M-N	91⅛	Sale	94½	Sale	94¼	95	94¼ Dec 3	95 Dec 4	91⅛ Jan 2	95⅞ May 14
176,000	General Foods Corp 3⅜s_1976	J-J	89½	--	92	Sale	92½	--	92 Dec 3	92½ Dec 24	89½ Jan 5	93¾ July 11
	General Motors Accept Corp—											
39,834,000	2¾s debentures_____1964	J-J	97	Sale	98⅞	Sale	98¾	Sale	98½ Dec 5	98⅞ Dec 3	97 Jan 2	100 Jun 14
2,039,000	3s debentures_____1969	J-J	91⅛	Sale	93⅝	94¼	93½	94¾	93½ Dec 24	94¾ Dec 28	89¾ Jan 25	94⅞ Oct 22
4,071,000	3½s debentures_____1972	M-S	91¾	Sale	94	Sale	94¾	Sale	94 Dec 3	95 Dec 20	90⅛ Jan 17	95 Mar 9
3,932,000	3⅝s debentures_____1975	M-S	91⅛	Sale	93	Sale	94	Sale	93 Dec 3	94¼ Dec 14	89⅝ Jan 17	94½ Oct 8
2,072,000	5s debentures_____1977	F-A	104¼	Sale	106½	Sale	105½	106¼	105¼ Dec 18	106¾ Dec 4	103½ Aug 3	107¼ Apr 11
6,694,000	4s debentures_____1979	M-S	94⅜	Sale	97	Sale	97¾	Sale	96¾ Dec 10	97¾ Dec 5	93 Jan 31	98⅞ May 8
3,715,000	5s debentures_____1980	M-S	104	Sale	106	Sale	105½	106¼	105 Dec 10	106½ Dec 21	102½ July 2	106½ May 7
2,001,000	5s debentures_____1981	M-S	105⅛	105½	106⅝	Sale	106½	Sale	106½ Dec 31	107½ Dec 20	104 July 3	107½ Dec 20
7,383,000	4⅝s debentures_____1982	M-S	101¼	Sale	103⅞	Sale	103½	Sale	103¼ Dec 6	104¼ Dec 13	100 Feb 1	105 Nov 5
5,712,000	4⅝s debentures_____1983	M-S	101⅛	Sale	103⅝	Sale	104	Sale	103¼ Dec 5	104¼ Dec 12	100 Feb 7	105 Nov 5
1,615,000	Gen Motors Corp 3¼s____1979	J-J	88½	89¾	91½	Sale	91½	--	91 Dec 10	91⅞ Dec 27	88½ Jan 8	92½ Nov 27
5,000	General Shoe 3.30s debs__1980	M-S	--	--	82	--	82½	--	82½ Dec 5	82½ Dec 5	82½ Dec 5	82½ Dec 5
	General Telephone Corp—											
3,083,000	4s conv debentures_____1971	M-N	179½	Sale	147	Sale	145½	Sale	143¼ Dec 17	152 Dec 6	115 Jun 22	179½ Jan 2
6,053,000	4½s conv debentures___1977	J-D	187½	195	152	Sale	147¾	Sale	147½ Dec 17	156 Dec 6	118 Jun 22	186 Jan 4
	General Time Corp—											
3,100,000	4¾s conv subord debs__1979	F-A	105¾	Sale	89	90⅜	88	Sale	88 Dec 31	92 Dec 7	82 July 24	114 Feb 19
30,000	General Tire & Rub 4¾s_1981	A-O	96⅜	--	101⅜	--	101⅜	--	-- ------	-- ------	96⅜ Jan 29	101¼ July 20
98,000	Gimbel Brothers Inc 5s__1981	J-D	104	--	105½	--	104½	--	-- ------	-- ------	102 Jun 27	105¾ Nov 26
156,000	Glidden Co 4¾s debs____1983	M-N	101	104	102⅝	--	103	104½	103 Dec 19	104½ Dec 7	100 Jun 26	105 May 15
347,000	Goodrich (B F) Co 2¾s__1965	M-N	96⅛	--	97	105	97¾	98⅝	96¾ Dec 7	98½ Dec 28	96 July 23	98½ Dec 28
687,000	4⅝s s f debentures____1985	M-N	102½	103	103⅜	105	103½	--	103½ Dec 5	104½ Dec 11	102 Jan 5	105¼ May 14

For footnotes, see page 95.

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Federal Reserve Bank of St. Louis

Sales for Year 1962 $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
	Grace (W R) & Co—											
17,829,000	3½s conv subord debs 1975	M-N	163	Sale	159	Sale	166	Sale	157½ Dec 11	169 Dec 20	106 Jun 14	178 Mar 23
	Grand Union Co—											
3,150,000	4⅛s conv subord debs 1978	J-J	128	Sale	96⅞	Sale	96⅞	Sale	94 Dec 20	96⅞ Dec 3	92 Oct 24	128 Jan 2
314,000	Grant (W T) Co 4¾s 1987	J-J	—	—	103½	104¾	—	104¾	103½ Dec 6	103½ Dec 6	102¾ Aug 21	105½ May 16
	Great Northern Ry—											
288,000	Gen mtge 5s series C 1973	J-J	102	Sale	105	Sale	104¼	105½	104¼ Dec 5	105½ Dec 7	101 Jan 3	105½ Nov 15
545,000	Gen mtge 4½s series D 1976	J-J	98	Sale	—	102⅞	100	103	100 Dec 7	101½ Dec 27	96½ Jan 30	103 Oct 31
357,000	Gen mtge 3⅛s series N 1990	J-J	68⅛	70	72	Sale	73¾	76	72 Dec 3	73⅞ Dec 19	67¾ Jan 16	73⅞ Dec 19
120,000	Gen mtge 3⅛s series O 2000	J-J	64⅛	65	68½	Sale	68	—	68 Dec 17	68½ Dec 3	63½ Oct 23	68½ Dec 3
168,000	Gen mtge 2¾s series P 1982	J-J	68	69	71	—	71½	—	70¾ Dec 14	71½ Dec 21	67¾ Jan 15	71½ Dec 21
154,000	Gen mtge 2⅝s series Q 2010	J-J	53½	—	55½	Sale	55½	—	55½ Dec 3	56½ Dec 21	53 Aug 31	56½ Dec 21
	Great Western Financial—											
5,656,000	5s conv subord debs 1974	J-D	271	278	139¾	Sale	143	Sale	137⅛ Dec 19	150 Dec 11	118 Jun 25	260 Jan 4
	Gulf Mobile & Ohio RR—											
147,000	Gen M inc 5s A July 2015	Apr	75	—	78¼	Sale	78¼	82½	78 Dec 3	78⅜ Dec 7	71 Sep 28	80 Apr 10
988,000	Gen M inc 4s B Jan 2044	Apr	58½	59¾	63	Sale	64¼	65¾	63 Dec 3	66 Dec 10	56 Jun 27	66 Dec 10
40,000	1st & ref 3⅜s ser G 1980	M-N	84	—	86⅛	—	86⅛	—	— ------	— ------	84¼ Feb 28	85 Apr 24
1,074,000	5s income debs ser A 2056	J-D	66	Sale	73	Sale	72	73	70½ Dec 20	73½ Dec 5	66 Jan 2	75½ Apr 10
15,000	Gulf States Util 2⅝s 1976	M-N	78¾	—	80	—	79	—	— ------	— ------	78 Sep 21	78¾ Jan 11
5,000	1st mortgage 3s 1978	A-O	80	—	84¾	—	84¾	—	— ------	— ------	84¾ Sep 19	84¾ Sep 9
60,000	3s debentures 1969	J-J	92	—	92	—	92	—	— ------	— ------	92 Jan 5	92 Jan 5
----	1st mortgage 2¾s 1979	J-D	—	—	—	—	—	—	— ------	— ------	— ------	— ------
----	1st mortgage 2¾s 1980	J-D	—	—	—	—	—	—	— ------	— ------	— ------	— ------
21,000	1st mortgage 3⅜s 1981	M-N	—	—	83½	—	83½	—	— ------	— ------	83½ July 6	84 Jan 5
14,000	1st mortgage 3⅛s 1982	J-D	77	81½	—	—	84	—	84 Dec 21	84 Dec 21	77⅛ Feb 24	84 Dec 21
----	1st mortgage 3⅜s 1983	J-D	—	—	—	—	—	—	— ------	— ------	— ------	— ------
22,000	Hackensack Water 2⅝s 1976	M-S	75¾	—	79¼	—	79	—	80¾ Dec 27	80¾ Dec 27	77¾ Mar 30	80¾ Nov 19
	Haloid Xerox Corp—											
6,829,000	4½s conv subord debs 1981	M-N	160	175	158	Sale	167	Sale	157 Dec 3	173 Dec 5	120 Jun 14	173¼ Mar 27
88,000	Hocking Valley 1st 4½s 1999	J-J	93	95½	95	96½	95¼	—	96½ Dec 6	96½ Dec 6	92 Jun 29	96½ May 25
	Hooker Chemical Corp—											
1,779,000	5s conv subord debs 1984	M-S	128	135	116¼	120½	115½	118	116¼ Dec 18	119 Dec 5	111½ Oct 2	128½ Jan 4
	Hotel Corp of America—											
726,000	6s conv coll tr debs 1972	J-J	109	115	93⅛	95	—	95	94⅞ Dec 4	95 Dec 5	80 Jun 27	114 Jan 23
232,000	Household Finance 2¾s 1970	J-J	89½	—	90⅛	Sale	90⅛	—	90⅛ Dec 3	90⅛ Dec 3	88½ Jun 26	90½ Nov 26
114,000	4⅛s debentures 1968	M-S	99½	100½	—	—	—	101	— ------	— ------	99 Jun 13	101 Sep 5
413,000	4s s f debentures 1978	J-D	92½	95	93¾	—	96¾	97¼	96⅝ Dec 6	97 Dec 6	92½ Jan 3	97½ Nov 23
338,000	4⅝s s f debentures 1977	J-J	99	Sale	—	102⅜	102½	Sale	101½ Dec 7	103 Dec 13	99 Jan 2	104⅛ Nov 5
194,000	4⅝s s f debentures 1984	J-J	100	102	102	—	102¼	103½	102 Dec 5	102⅛ Dec 27	100 Jan 4	102⅞ Dec 27
138,000	5s s f debentures 1982	J-J	102½	103½	—	105½	104	—	— ------	— ------	100½ July 24	105½ Nov 7
215,000	4⅞s debentures 1981	J-J	102⅝	—	—	105¼	—	105⅝	105¼ Dec 14	105¼ Dec 14	102½ Jun 27	105⅝ Nov 27
44,000	4⅜s debentures 1987	J-J	—	—	—	—	100⅛	Sale	100⅛ Dec 31	100¼ Dec 20	100⅛ Dec 31	100¼ Dec 20
	Hunt Foods & Industries—											
16,990,000	4⅜s conv subord debs 1986	J-J	133½	Sale	102	Sale	101½	Sale	99⅞ Dec 19	102½ Dec 3	98 Oct 24	133¾ Jan 2
400,000	Illinois Bell Tel 2¾s ser A '81	J-J	77¼	Sale	81	Sale	80	82½	80¾ Dec 4	82½ Dec 20	77 Jan 5	82½ Dec 20
169,000	1st mtge 3s series B 1978	J-D	82	Sale	87	—	—	96	86 Dec 12	86⅝ Dec 12	82 Jan 2	87¼ Nov 5
	Illinois Central RR—											
3,000	Cons mortgage 3¾s A 1979	M-N	85⅛	—	85⅛	—	85⅛	—	85⅜ Dec 13	85⅜ Dec 13	85⅜ Dec 13	85⅜ Dec 13
9,000	Cons mortgage 3¾s B 1979	M-N	85⅛	—	85⅛	—	85⅛	—	85⅜ Dec 13	85⅜ Dec 13	85⅜ Dec 13	85⅜ Dec 13
18,000	Cons mtge 3¾s ser C 1974	M-N	83	—	85⅛	—	86½	—	86½ Dec 11	86½ Dec 11	83 Jan 18	86½ Oct 17
13,000	Cons mtge 3¾s ser F 1984	J-J	77⅞	—	82	—	82	—	— ------	— ------	80 Apr 18	82 Oct 16
25,000	1st mtge 3¼s ser G 1980	F-A	76	—	77	—	79	—	79 Dec 12	79 Dec 12	76¼ Feb 2	79 Dec 12
195,000	1st mtge 3⅜s ser H 1989	M-S	72	72½	75	Sale	74¾	—	74¾ Dec 18	75 Dec 3	71½ Jan 15	75 July 20
----	3½s s f debentures 1980	J-J	74½	—	79⅛	—	79⅛	—	— ------	— ------	85⅜ Dec 13	— ------
	Indianapolis Union Ry Co—											
----	2½s series C 1986	J-D	66¼	—	—	—	—	—	— ------	— ------	85⅜ Dec 13	— ------
	Inland Steel Co—											
6,000	3¼s conv debs 1972	M-S	—	—	180	223½	188	—	— ------	— ------	181 Oct 17	250 Mar 27
25,000	1st mtge 3.20s ser I 1982	M-S	84½	—	87	—	87½	—	87 Dec 13	87½ Dec 18	84½ May 29	87½ Dec 18
189,000	1st mtge 3½s series J 1981	J-J	88	—	90½	—	91	—	90½ Dec 13	91 Dec 19	88⅛ Feb 19	92 May 10
393,000	1st mtge 4⅜s series K 1987	J-J	99½	100¼	100½	—	101⅝	102½	— ------	— ------	98½ Mar 2	102½ Nov 7
548,000	1st mtge 4½s series L 1989	F-A	100¼	100	103¼	Sale	102½	104	102½ Dec 10	103¾ Dec 3	100 July 31	104 May 28
	Inter-Amer Development Bk—											
56,000	4¼s 1982	J-D	—	—	—	—	100⅛	Sale	100 Dec 26	100⅛ Dec 26	100 Dec 26	100⅛ Dec 26
	International Harvester Credit											
772,000	4⅝s debs series A 1979	M-N	100⅝	102	—	104	103⅛	—	103 Dec 5	103¼ Dec 17	100½ Jan 26	104⅞ Nov 23
630,000	4¾s debs series B 1981	F-A	102½	Sale	104¼	Sale	103⅞	—	103½ Dec 7	104¼ Dec 3	102 Jan 19	105 May 16
	Internatl Minerals & Chem—											
3,813,000	3.65s sub debs (conv) 1977	J-J	109	111	100½	Sale	101	Sale	100¼ Dec 4	102¼ Dec 17	97 Jun 21	116 Feb 15
	International Silver Co—											
3,072,000	5s conv subord debs 1981	F-A	127	Sale	132	Sale	130	Sale	128 Dec 24	135 Dec 7	108½ May 29	141 Apr 24
	International Tel & Tel—											
1,754,000	4⅞s conv subord debs 1983	M-N	312	Sale	232⅛	Sale	225	225¾	229 Dec 24	244 Dec 5	179 Jun 27	315 Feb 16
2,352,000	4.90s s f debentures 1987	A-O	—	—	103⅛	Sale	103¼	104⅛	103⅛ Dec 3	104⅛ Dec 3	99 May 31	104½ Oct 15
	Interstate Dept Stores—											
11,242,000	4⅝s conv subord debs 1981	F-A	125	Sale	126	Sale	122	Sale	120 Dec 28	128½ Dec 5	102½ Oct 24	175 Jan 2
	Interstate Oil Pipe Line—											
82,000	3⅛s s f debs series A 1977	M-S	85⅞	86½	88	—	88	—	— ------	— ------	86 Jan 31	88 Mar 7
119,000	4¼s s f debentures 1987	J-J	96⅛	98½	100	101½	100	101½	— ------	— ------	96¼ Jan 8	100¼ May 8
14,000	Interstate Power Co 3¾s 1978	J-J	—	90	—	—	—	—	— ------	— ------	88 Feb 26	90 Aug 21
2,000	1st mortgage 3s 1980	J-J	78	—	—	—	—	—	— ------	— ------	75 Oct 30	75 Oct 30
	I T E Circuit Breaker—											
1,619,000	4¼s conv subord debs 1982	A-O	95	Sale	93¼	94	94¼	95	93 Dec 6	95 Dec 28	89⅜ Jun 18	100 Mar 15
121,000	Jersey Cent P & Lt 2⅞s 1976	M-S	79¼	Sale	85⅛	85¾	85	—	85 Dec 18	85⅛ Dec 11	79¼ Jan 2	86 Nov 23
5,000	Joy Manufacturing 3⅜s 1975	M-S	88⅝	—	89	—	89	—	— ------	— ------	88⅝ May 25	89 Aug 8
7,000	Kanawha & Mich Ry 4s 1990	A-O	73	—	70¼	—	70¼	—	— ------	— ------	70 Nov 1	75 Jan 22
14,000	Kansas City Pr & Lt 2¾s 1976	J-D	80	—	83⅝	—	85	—	85½ Dec 6	85½ Dec 6	80 Jan 12	85½ Dec 6
----	1st mortgage 2⅞s 1978	J-D	79	—	79	—	79	—	— ------	— ------	— ------	— ------
----	1st mortgage 2¾s 1980	J-D	77	—	80¾	—	80¾	—	— ------	— ------	— ------	— ------
	Kansas City Southern Ry—											
163,000	1st mtge 3¼s series C 1984	J-D	78	84	80¾	Sale	81	—	80¾ Dec 3	81 Dec 12	78 Jan 4	82 May 16
10,000	Kansas City Term Ry 2¾s '74	A-O	78¾	82	—	82	78	—	82 Dec 27	82 Dec 27	78¾ Jan 22	82 Dec 27
	Kayser Roth Corp—											
19,714,000	5½s conv subord debs 1980	J-J	172	Sale	121¼	Sale	109½	Sale	107¾ Dec 24	122 Dec 6	100 May 29	174 Jan 4
14,000	Kentucky Central 1st 4s 1987	J-J	80⅜	86	80	91¼	85⅛	91¼	— ------	— ------	79½ Oct 17	82 Jun 29
90,000	Kimberly-Clark Corp 3¾s 1983	J-J	91¾	94	96	100	95⅝	100	95½ Dec 4	96 Dec 4	92¼ Feb 27	96 Nov 23
88,000	4⅝s s f debentures 1986	F-A	—	103¼	105	105¾	104	105½	105¼ Dec 14	105¼ Dec 14	102 Jan 24	109 Jun 21
7,000	Kings Co El Lt & Pwr 6s 1997	A-O	123	—	125	—	125½	—	— ------	— ------	123 Jun 21	125¼ Oct 24
410,000	Koppers Co 1st mtge 3s 1964	A-O	97¾	—	98⅞	Sale	99	99¼	98⅞ Dec 3	99 Dec 14	97½ Feb 1	99 Sep 21
	Lakefront Dock & RR Term Co											
----	1st s f 3⅞s series A 1968	J-D	85	—	—	91⅛	—	91⅛	— ------	— ------	— ------	— ------
594,000	Lake Sh & Mich So 3½s 1997	J-D	55	59½	57¾	59	59½	Sale	59 Dec 4	60⅛ Dec 20	54 Oct 2	61 Jan 17
	Lehigh Valley Coal—											
103,000	1st & ref 5s stamped 1974	F-A	85⅞	—	93⅛	—	98	100⅜	96¾ Dec 18	99 Dec 24	88½ Jan 9	100 May 15
	Lehigh Valley Harbor Term—											
531,000	1st mtge 5s extended 1984	F-A	57	59½	64	Sale	63½	Sale	63 Dec 7	64⅜ Dec 3	55 Jun 6	65 Nov 26
	Lehigh Valley Ry Co (N Y)—											
994,000	1st mtge 4½s extended 1974	J-J	50	53	63¼	64	61¾	64	62⅜ Dec 27	64 Dec 7	50¼ Jan 4	64⅜ Nov 30
	Lehigh Valley RR Co—											
	Gen consol mtge bonds											
526,000	Series A 4s fixed int 2003	M-N	40	Sale	49	Sale	48	50	47½ Dec 19	50 Dec 5	40 Jan 2	51½ Apr 25
193,000	Ser B 4½s fixed int 2003	M-N	44	47½	51	55¾	50⅝	54	50¼ Dec 17	51½ Dec 11	43 Jun 27	55 Apr 18
165,000	Series C 5s fixed int 2003	M-N	49	—	53	57	54⅜	57½	54⅜ Dec 20	55 Dec 6	48 Apr 3	60½ Apr 17
2,695,000	△Ser D 4s cont int 2003	May	26¼	Sale	39⅜	Sale	36	Sale	34½ Dec 14	39⅝ Dec 5	25½ Mar 14	41 July 17
1,301,000	△Ser E 4½s cont int 2003	May	28⅛	29½	41⅜	42¾	36⅝	39	36½ Dec 28	41¾ Dec 5	27¼ Mar 15	43 July 18
846,000	△Ser F 5s cont int 2003	May	30½	Sale	43⅜	44	40½	Sale	39½ Dec 28	43¾ Dec 5	27½ Mar 7	46½ July 18
292,000	Lehigh Valley Term Ry 5s '79	A-O	57½	58½	68	—	70	Sale	68 Dec 7	70 Dec 31	57¾ Jan 23	70 Dec 31
74,000	Lexington & Eastern 5s 1965	A-O	100⅛	—	101	—	101	—	101 Dec 4	101 Dec 4	100⅛ Jan 3	101⅛ May 14
	Libby McNeil & Libby—											
6,090,000	5s conv s f debs 1976	J-D	115½	Sale	112¾	Sale	113¾	Sale	112⅝ Dec 4	115 Dec 7	106½ Nov 12	128 Mar 13
3,000	Called bonds (Dec 15)	---	—	—	—	—	—	—	100 Dec 11	100 Dec 11	100 Dec 11	100⅛ Nov 14
	Ling-Temco-Vought Inc—											
16,650,000	5½s conv subord debs 1976	M-S	—	—	84¼	Sale	82¼	Sale	82 Dec 28	86⅛ Dec 6	72 July 9	94½ May 15

For footnotes, see page 95.

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Sales for Year 1962 $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
	Lionel (The) Corp—											
3,150,000	5½s conv subord debs 1980	A-O	106	Sale	64½	Sale	60½	Sale	60 Dec 28	65½ Dec 5	57½ Oct 26	107½ Jan 3
	Litton Industries Inc—											
25,735,000	3½s conv subord debs 1987	A-O	--	--	109⅝	Sale	110⅞	Sale	109 Dec 3	115 Dec 5	89⅜ Jun 14	115½ Mar 26
	Lockheed Aircraft Corp—											
7,834,000	3.75s conv subord debs 1980	M-N	191¾	Sale	211	Sale	225	Sale	211 Dec 3	231 Dec 20	162 Jun 5	231 Dec 20
340,000	4.50s debentures 1976	M-N	92½	95⅜	96	97	113½	114¾	96 Dec 4	96⅞ Dec 11	92½ Jan 9	96⅞ Dec 11
76,000	Lone Star Gas 4⅝s 1982	A-O	98½	99¼	--	--	--	103¼	-- ------	-- ------	98 Feb 6	103¼ Jun 29
102,000	4½s s f debentures 1987	A-O	--	--	102	--	--	--	-- ------	-- ------	100¾ July 11	102½ May 1
	Long Island Lighting Co—											
80,000	1st mtge 3⅝s series D 1976	J-D	86½	89	92⅜	94¼	90	--	-- ------	-- ------	88⅛ Jan 16	92⅝ May 21
828,000	Lorillard (P) Co 3s debs 1963	A-O	98¼	99⅛	99 5/32	100	99 1/32	100	99 7/32 Dec 6	99¾ Dec 20	98¼ Jan 29	100 May 9
29,000	3s debentures 1976	M-S	83¾	--	84⅞	86	84⅞	88	-- ------	-- ------	84⅝ Feb 1	86½ May 2
297,000	3¾s debentures 1978	A-O	91¾	Sale	94⅝	Sale	94	--	94 Dec 7	94⅝ Dec 3	91½ Jan 2	94⅝ Nov 19
330,000	4⅞s s f debentures 1986	J-D	103½	--	104⅜	Sale	104⅛	105½	104⅛ Dec 4	104⅜ Dec 3	102½ Jan 19	105¼ Nov 8
	Louisville & Nashville RR—											
240,000	1st & ref M 3⅜s ser F 2003	A-O	66¼	69	70	71	71⅛	--	70 Dec 5	71½ Dec 18	65¾ Jun 29	71½ Dec 18
219,000	1st & ref M 2⅞s ser G 2003	A-O	58	58¾	59¾	60½	60½	70	59½ Dec 14	60⅝ Dec 24	58 Jan 3	60⅝ Dec 24
223,000	1st & ref M 3¾s ser H 2003	A-O	73⅝	75⅞	75½	Sale	75⅜	--	75⅛ Dec 3	75½ Dec 3	73⅜ Jan 26	78½ Jun 17
47,000	1st & ref M 3⅜s ser I 2003	A-O	66¼	--	70	--	71	--	71 Dec 26	71 Dec 26	68 Jan 22	71 Aug 20
7,000	St Louis Div 2d gold 3s 1980	M-S	--	--	72	--	77¾	--	-- ------	-- ------	70 Jan 23	72 Oct 16
19,000	Louisville Gas & El 2¾s 1979	M-N	78	81	80	--	--	--	-- ------	-- ------	78¾ Feb 15	81 Jan 10
3,000	1st mortgage 3⅛s 1982	F-A	--	79	77¼	--	77¼	--	-- ------	-- ------	78 Jan 5	78 Jan 5
5,000	1st mortgage 3⅛s 1984	F-A	--	--	77	--	79	--	-- ------	-- ------	78 Feb 5	78 Feb 5
6,000	1st mortgage 4⅞s 1987	M-S	102⅜	--	--	--	--	--	-- ------	-- ------	104 Apr 19	104½ Jun 14
1,000	1st mortgage 4⅞s 1990	A-O	--	103½	--	--	105½	--	-- ------	-- ------	103 Feb 9	103 Feb 9
	MacAndrews & Forbes Co—											
950,000	5s conv subord debs 1987	F-A	--	--	102	--	103	--	102¼ Dec 6	102¾ Dec 14	99¼ Jun 28	118½ Feb 21
2,052,000	Mack Trucks Inc 5⅛s 1981	A-O	93½	Sale	98¼	99	98	Sale	97½ Dec 11	98½ Dec 19	92¼ Jun 27	98½ Nov 16
11,000	Macy (R H) & Co 2⅞s 1972	M-N	88	--	88	--	88	--	-- ------	-- ------	88 Jun 26	88 Jun 26
758,000	5s conv subord debs 1977	F-A	223	Sale	187	--	176	--	189½ Dec 4	189½ Dec 4	145 Jun 22	223 Jan 2
652,000	Macy Credit Corp 4¾s 1981	M-N	102	Sale	103½	--	103½	--	103½ Dec 7	103½ Dec 7	100⅛ July 30	104¾ May 10
450,000	Maine Central RR 5⅛s 1978	F-A	80½	82½	81⅝	87	82½	84	81¾ Dec 12	83 Dec 20	79⅝ Mar 21	83½ Oct 30
798,000	Marathon Oil 4⅜s 1987	A-O	--	--	99½	102⅝	99½	--	102 Dec 17	102⅝ Dec 19	99⅞ Aug 1	102⅞ Nov 13
1,583,000	Martin Co 5½s ex war 1968	M-N	103	Sale	103½	Sale	102	102¾	102⅛ Dec 27	103½ Dec 3	98½ May 29	104 Oct 5
13,000	May Dpt Stores 2⅝s debs 1972	J-J	85	--	84¾	--	85	--	85 Dec 14	85 Dec 14	84¾ Apr 26	85 Dec 14
22,000	3¼s s f debentures 1978	F-A	85	Sale	87¼	--	88	--	-- ------	-- ------	85 Jan 2	88 Nov 27
87,000	3¼s s f debentures 1980	M-S	84½	--	85¾	--	85¾	--	85¾ Dec 24	85¾ Dec 24	85 Jan 4	85¾ Mar 8
3,609,000	May Stores Realty 5s 1977	F-A	103	--	101½	104¼	102	104¼	101½ Dec 5	103 Dec 27	101½ Jun 6	104 Sep 27
	McCall Corporation—											
6,735,000	4¾s conv subord debs 1992	F-A	--	--	105⅛	Sale	--	--	104 Dec 2	106⅛ Dec 3	94 Oct 26	116½ Feb 1
3,217,000	McCrory Stores 5½s debs 1976	F-A	89¾	Sale	84	Sale	84⅜	Sale	79¾ Dec 26	84½ Dec 3	82 Oct 30	93 Feb 2
	McDermott (J Ray) & Co—											
60,000	5s subord conv debs 1972	F-A	114	Sale	107½	Sale	107⅛	108½	107 Dec 24	108¾ Dec 5	101¾ Jun 27	124 Feb 21
15,000	McKesson & Robbins 3½s '73	M-S	91	--	91⅝	--	91⅝	--	-- ------	-- ------	91½ Jan 18	91⅝ Apr 11
118,000	4⅝s debentures 1980	M-S	100⅛	102½	102	104	102	104	-- ------	-- ------	99 Jan 30	104 Oct 17
	Merritt-Chapman & Scott—											
4,867,000	4½s conv subord debs 1975	J-J	74	Sale	79	Sale	79⅝	Sale	79 Dec 3	80¾ Dec 12	72½ May 31	80¾ Dec 12
	Metropolitan Broadcasting—											
505,000	6s conv subord debs 1975	A-O	--	--	113⅛	--	116	Sale	115½ Dec 6	117 Dec 14	102¼ Jun 28	117 Dec 14
47,000	Metropolitan Edison 2⅞s 1974	M-N	82¾	--	83	88¼	84	--	-- ------	-- ------	83 July 30	86½ Sep 13
7,000	1st mortgage 2¾s 1980	F-A	--	--	78	--	78	--	-- ------	-- ------	70½ Jun 19	79½ Sep 6
89,000	Michigan Bell Tel 3⅛s 1988	A-O	77¾	--	81	81¾	82	--	81½ Dec 10	81½ Dec 10	77½ Jan 23	83 Oct 17
93,000	4⅜s debentures 1991	J-D	--	98½	100	101¼	--	--	100¾ Dec 28	101¼ Dec 13	97 Feb 27	101¼ Dec 13
	Michigan Central RR—											
59,000	Ref & imp 4½s ser C 1979	J-J	83½	85	79	--	82	--	81½ Dec 4	82 Dec 12	79 Oct 24	85 Jan 24
932,000	Michigan Cons Gas 3½s 1969	M-S	93½	Sale	96½	Sale	96¼	Sale	96 Dec 12	97 Dec 5	93½ Jan 2	97 Nov 30
23,000	1st mortgage 2⅞s 1969	M-S	88	--	--	94	--	--	91 Dec 14	91 Dec 14	87 Feb 20	94 Aug 31
83,000	1st mortgage 3⅜s 1969	J-J	96⅛	97½	--	--	95½	--	-- ------	-- ------	94 Apr 13	95¾ Jun 25
67,000	3⅞s debentures 1967	M-S	--	--	97	98	97	98½	97⅛ Dec 18	97⅛ Dec 18	96⅛ Jan 4	98 Aug 14
	Minneapolis Honeywell Reg—											
231,000	3¾s s f debentures 1976	F-A	94¼	--	97½	--	96½	97½	96½ Dec 20	97¾ Dec 7	92½ July 27	97¾ Dec 7
159,000	3.10 s f debentures 1972	A-O	89	--	91	--	92	--	91¼ Dec 7	91¼ Dec 7	88⅝ Aug 9	93 Nov 9
	Minneapolis & St Louis Ry—											
2,022,000	1st mortgage 6s 1985	M-N	88¾	Sale	94	Sale	94	95¾	94 Dec 3	96 Dec 5	87¼ May 29	96 Dec 5
	Minn St P & S Ste Marie—											
385,000	1st M 4½s inc ser A Jan 1971	May	77⅝	--	80¾	83	78	82	80 Dec 27	80½ Dec 12	70½ Oct 23	84 Nov 20
854,000	△Gen M 4s inc A Jan 1991	May	47¾	Sale	51¾	Sale	51	Sale	51 Dec 13	51¾ Dec 3	41¼ Sep 7	53¾ Apr 10
59,000	Minnesota Min & Mfg 2¾s '67	A-O	93	94	93½	--	93¾	--	-- ------	-- ------	93⅛ Mar 1	95⅛ May 17
	Missouri-Kansas-Tex Ry Co—											
907,000	1st mortgage 4s 1990	J-D	62⅝	64	57	Sale	55¼	Sale	55 Dec 31	57½ Dec 6	52 Nov 7	65½ Jan 3
	Missouri-Kansas-Texas RR—											
102,000	Prior lien 4½s series D 1978	J-J	76	79½	--	79½	65	70½	66 Dec 27	66 Dec 27	66 Dec 27	79½ Feb 8
728,000	△Cum adj 5s ser A Jan 1967	A-O	75¼	Sale	82¾	Sale	84½	89½	82¾ Dec 3	84⅛ Dec 20	75¼ Jan 2	84⅛ Dec 20
12,662,000	5½s subord inc debs 2033	Apr.	18	Sale	22¼	Sale	21¾	Sale	21 Dec 19	25 Dec 6	16 Jun 14	25 Dec 6
	Missouri Pacific RR—											
8,002,000	4¼s series B 1990	J-J	72	Sale	79¼	Sale	78½	79¼	78½ Dec 5	80½ Dec 18	66¼ Jun 27	80½ Nov 14
10,333,000	4¼s series C 2005	J-J	71	Sale	77¼	Sale	76¼	Sale	76¼ Dec 31	79 Dec 21	64 May 29	79 Dec 21
6,079,000	4¾s series A 2020	Apr	64¼	Sale	68¾	Sale	68¼	Sale	67 Dec 24	69¼ Dec 3	56⅝ Jun 27	69¼ Dec 3
8,935,000	4¾s series B 2030	Apr	61⅜	Sale	65¾	Sale	66¼	Sale	65 Dec 5	66¼ Dec 31	53 Jun 26	66¼ Dec 31
22,041,000	5s income debs 2045	Apr	60	Sale	63½	Sale	63	Sale	62 Dec 24	63¾ Dec 3	51 Jun 25	63¾ Dec 3
135,000	Mohawk & Malone 1st 4s 1991	M-S	51	58	53¾	55¼	56⅛	65¼	55½ Dec 13	55½ Dec 13	53¼ July 17	58 Jan 29
	Monongahela Railway Co—											
37,000	1st mtge 3¼s series B 1966	F-A	92	--	93	94	93	--	93 Dec 18	93⅛ Dec 18	92 Feb 6	93⅝ Jun 15
1,145,000	Monon RR 6s Jan 1 2007	Apr	24	Sale	27	Sale	24¼	Sale	23 Dec 27	27½ Dec 5	17¼ Oct 26	27½ Feb 21
	Montgomery Ward Credit Corp											
316,000	4⅞s debentures 1980	J-J	101¾	102¾	104½	105¼	--	105¼	-- ------	-- ------	101¾ May 14	106⅛ Sep 18
335,000	4¾s debentures 1981	F-A	101	--	103⅛	104½	103⅛	104⅛	103⅛ Dec 10	103⅛ Dec 10	101⅛ July 18	104¾ Sep 6
156,000	5¼s subord debs 1981	F-A	105	106	104¾	105¾	104¾	106	104¾ Dec 13	105¾ Dec 17	103 May 29	105¾ Dec 17
4,058,000	Morris & Essex 1st 3½s 2000	J-D	34¾	Sale	34¾	Sale	35½	Sale	33⅞ Dec 19	36⅞ Dec 7	31½ Nov 26	41⅛ Jan 19
	Mountain States Tel & Tel—											
312,000	2⅝s debentures 1986	M-N	71¾	73½	76¾	77¾	76¼	77¼	76¼ Dec 12	76¾ Dec 11	72 Feb 9	76¾ Nov 28
5,000	3⅛s debentures 1978	A-O	83¼	--	89⅛	--	85⅛	Sale	85⅛ Dec 31	88 Dec 26	83¼ Jan 17	88 Dec 26
	NAFI Corporation—											
4,915,000	5¼s conv subord debs 1980	M-S	117½	Sale	76¾	Sale	78	Sale	76 Dec 24	79⅞ Dec 7	68 Jun 25	118 Jan 2
	Nashville Chattanooga & St											
36,000	Louis 1st mtge 3s ser B 1986	F-A	76	--	69⅛	75	69⅛	77	69⅛ Dec 5	69⅛ Dec 5	68 Sep 28	79½ Feb 20
	National Airlines—											
8,325,000	6s conv subord debs 1976	M-N	116½	118	148	Sale	163⅞	Sale	148 Dec 3	166⅜ Dec 27	105 Jun 22	166⅜ Dec 27
	National Biscuit Co											
1,585,000	4¾s subord debs 1987	A-O	--	--	105⅛	107	105¾	106½	105⅛ Dec 5	106¾ Dec 7	104 Jun 28	107 Sep 10
182,000	Natl Cash Register 4¾s 1985	J-D	102½	103¾	103½	105	103½	105	104⅞ Dec 12	105 Dec 18	103 Jan 9	105¼ Oct 30
781,000	4⅜s s f debentures 1987	A-O	--	--	103⅛	Sale	102½	103	102½ Dec 5	103⅛ Dec 3	99⅝ July 6	103½ Nov 2
	National Cylinder Gas Co—											
1,164,000	5⅛s conv subord debs 1977	M-S	109	Sale	104½	107	104	106	103¾ Dec 20	105 Dec 12	102 Jun 28	113 Mar 1
425,000	Nat Dairy Prod 2¾s debs 1970	J-D	88¾	Sale	92	Sale	92⅝	92⅞	91¾ Dec 6	92⅛ Dec 14	88¼ Mar 5	92¼ Oct 19
324,000	3s debentures 1970	J-D	90¼	91¾	92⅛	--	92⅝	--	92⅛ Dec 7	92⅝ Dec 10	90¼ Jan 10	93⅜ Oct 2
478,000	3⅛s debentures 1976	J-D	87⅜	88¾	90¼	--	90½	--	90¼ Dec 12	90½ Dec 24	86 Mar 16	90½ Dec 24
693,000	4⅜s s f debentures 1992	M-S	--	--	103	103¼	102½	103½	102½ Dec 11	103½ Dec 28	100½ July 25	103⅝ Nov 26
858,000	National Dist & Chem 4¾s '83	M-N	98½	Sale	101¼	102	101⅝	102¾	101¼ Dec 7	103 Dec 18	98½ Jan 2	103 Dec 18
195,000	Natl Distillers Prod 3⅜s 1974	A-O	88	89	89¼	--	89	--	-- ------	-- ------	88 Mar 5	90 Oct 22
337,000	National Steel Corp 3⅛s 1982	M-N	84⅛	85⅛	86¼	Sale	86¼	--	86¼ Dec 3	86¼ Dec 3	84 Aug 10	86¾ Apr 23
212,000	1st mortgage 3⅞s 1986	M-N	92¼	93	95⅛	--	96	--	95½ Dec 6	96 Dec 20	92⅜ Jan 26	96 Dec 20
44,000	1st mortgage 4⅝s 1989	J-D	101½	101⅜	103¾	--	103¾	--	103½ Dec 18	103¾ Dec 11	101½ Jan 4	103⅞ Nov 19
	National Tea Co—											
2,909,000	3½s subord conv debs 1980	M-N	123	Sale	96⅛	98	97½	Sale	94⅝ Dec 12	99⅞ Dec 26	90 Jun 25	123 Jan 2
153,000	5s s f debentures 1977	F-A	102¾	--	102⅛	Sale	102½	--	102⅛ Dec 3	102½ Dec 5	100 Apr 30	103 Mar 8
	New England Tel & Tel—											
141,000	3s debentures 1982	A-O	78⅞	80¾	82¼	--	83¼	--	83¼ Dec 28	83¼ Dec 28	78 Aug 1	84 Nov 9
73,000	3s debentures 1974	M-S	85	86¼	88¼	90½	87⅞	90	87¾ Dec 13	87¾ Dec 13	85 Jan 26	88¾ Sep 27
45,000	New Jersey Bell Tel 3⅛s 1988	J-J	77⅞	80	--	88	80¾	82	80¾ Dec 13	80¾ Dec 13	77⅞ Feb 9	81¾ Apr 11
4,000	N J Junction gtd 1st 4s 1986	F-A	75⅝	--	--	--	68	--	-- ------	-- ------	69 Nov 26	76 May 10
15,000	New Jersey Pwr & Lt 3s 1974	M-S	76	--	--	--	82	--	-- ------	-- ------	83 Jan 29	87 Oct 25
----	New Orl Terminal 3¾s 1977	M-N	85½	--	90	--	90	--	-- ------	-- ------	-- ------	-- ------

For footnotes, see page 95.

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Federal Reserve Bank of St. Louis

Sales for Year 1962 $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	Highest Sale Prices
	New York Central RR—											
8,367,000	Cons 4s series A_____1998	F-A	51¾	Sale	54⅛	Sale	55½	Sale	53¾ Dec 11	55½ Dec 5	49 May 29	58¾ Jan 11
8,397,000	Ref & impt 4½s ser A__2013	A-O	54	Sale	58¾	Sale	58¾	Sale	58 Dec 28	60¾ Dec 5	50½ Jun 27	62⅜ Feb 15
8,273,000	Ref & impt 5s series C_2013	A-O	59	Sale	64¾	Sale	64¾	Sale	63⅞ Dec 11	66¼ Dec 5	56 Jun 15	68 Jan 15
2,716,000	Collateral Trust 6s_____1980	A-O	82	Sale	87⅞	Sale	88	Sale	86⅝ Dec 12	89¾ Dec 27	81¾ Jan 3	92½ Mar 29
	N Y Cent & Hudson River—											
1,428,000	Gen mortgage 3½s_____1997	J-J	55⅝	Sale	59	Sale	61½	Sale	59 Dec 3	61½ Dec 20	51½ July 3	61½ Dec 20
742,000	Lake Shore coll g 3½s_1998	F-A	49⅛	Sale	50¾	52½	52	54½	52 Dec 11	53½ Dec 12	47⅛ July 19	54 Apr 27
448,000	Mich Cent coll g 3½s__1998	F-A	48	51½	50⅞	51⅞	53	Sale	51⅞ Dec 4	53 Dec 31	49½ Jan 5	56¼ Apr 30
	New York Chic & St Louis—											
124,000	Ref mtge 3¼s series E_1980	J-D	83½	—	86	—	86½	—	86 Dec 6	86¾ Dec 14	83¼ Feb 15	86¾ Nov 21
51,000	Ref mtge 3s series F___1986	A-O	79⅛	—	80½	—	80½	—	80½ Dec 14	80½ Dec 14	79⅛ Jan 3	80½ Aug 28
57,000	4½s inc debentures____1989	J-D	89½	Sale	83¼	87⅞	84⅝	88	87 Dec 17	87 Dec 17	85 Apr 3	89½ Jan 2
950,000	N Y Connect'g RR 2⅞s B__'75	A-O	52	59	58⅛	59	60	Sale	57⅜ Dec 7	60 Dec 27	53⅝ Jan 8	65 May 7
3,000	N Y & Harlem gold 3½s_2000	M-N	83	—	84	—	84	—	— ------	— ------	83 Apr 18	87 Nov 5
42,000	Mtge 4s series A_____2043	J-J	67	68½	68	70¾	68⅛	70⅝	70¾ Dec 17	70¾ Dec 17	68 Apr 23	71½ Sep 25
118,000	Mtge 4s series B_____2043	J-J	66¾	—	68	—	69½	—	68 Dec 5	70 Dec 20	67 Mar 30	71¼ Apr 13
595,0000	N Y Lack & West 4s ser A_1973	M-N	40	44	42	Sale	41	45	42 Dec 3	45 Dec 5	37¼ Jun 19	45 Dec 5
1,276,000	Gtd 4½s series B_____1973	M-N	42⅛	Sale	46	Sale	46	Sale	46 Dec 3	48 Dec 5	40 July 2	48½ Apr 24
	N Y New Haven & Hartf'd RR											
17,321,000	‡△1st & ref M 4s ser A_2007	J-J	18	Sale	16⅛	Sale	16⅜	Sale	15 Dec 19	18½ Dec 6	13 Jun 29	20⅞ Jan 17
	‡△General mortgage											
11,084,000	income 4½s A_____2022	May	5⅝	Sale	6½	Sale	6¼	Sale	6¼ Dec 3	7½ Dec 6	4⅝ Jun 5	7⅞ Jan 5
	Harlem Riv & Port Chester											
57,000	‡△1st mtge 4¼s ser A_1973	J-J	50⅛	—	—	65½	—	65½	— ------	— ------	57½ Mar 5	64½ Aug 13
164,000	N Y Power & Lt 2¾s____1975	M-S	81½	83¾	86	87	86	87	86 Dec 17	86 Dec 17	80¾ Feb 21	86⅝ Nov 13
117,000	N Y & Putnam 1st gtd 4s_1993	A-O	52⅛	Sale	54¼	64½	55⅛	—	54½ Dec 4	55 Dec 27	52⅛ Jan 2	58 Jun 4
6,000	N Y State El & Gas 2¾s_1977	J-J	—	—	—	83	—	84	— ------	— ------	79¼ Feb 2	79¼ Feb 2
	‡N Y Susquehanna & West'n											
58,000	Term 1st mtge 4s_____1994	J-J	—	—	61⅛	—	63⅞	—	63⅞ Dec 27	63⅞ Dec 27	60⅛ Jan 4	63⅞ Dec 27
137,000	1st & cons M 4s ser A_2004	J-J	53¾	59¼	57	59¾	57	59¾	57½ Dec 17	58½ Dec 17	48 July 11	58½ Dec 17
546,000	△Gen mtge 4½s ser A_2019	May	18	25	29	30	29½	35	29 Dec 7	29⅝ Dec 20	18 Feb 9	30 Oct 9
415,000	N Y Telephone 2¾s ser D_1982	J-J	75⅞	77	80¼	—	79⅞	—	79¾ Dec 7	80¼ Dec 5	75⅞ Jan 17	82 Nov 16
150,000	Ref mtge 3⅛s series E_1978	F-A	83¾	Sale	87¼	88	86⅜	—	86½ Dec 27	88 Dec 4	83¾ Jan 2	88 Nov 21
137,000	Ref mtge 3s series F_1981	J-J	79⅞	83	83⅝	Sale	83¾	85¾	83⅝ Dec 3	85 Dec 12	80 Jan 31	85 Oct 31
118,000	Ref mtge 3s series H_1989	A-O	75⅜	77⅛	79	81½	80⅝	81½	80 Dec 4	80 Dec 4	75½ Jan 11	80 Dec 4
92,000	Ref mtge 3⅜s series I_1996	A-O	79⅜	—	—	86¼	—	86	— ------	— ------	81 Feb 26	86¼ Nov 26
1,250,000	Ref mtge 4½s series J_1991	M-N	100	Sale	103	104½	101⅞	Sale	101½ Dec 24	104 Dec 21	99¾ Feb 5	104½ Oct 22
404,000	Ref mtge 4⅛s series K_1993	J-J	96½	Sale	98⅛	99½	99	Sale	98⅛ Dec 5	99 Dec 31	93½ Feb 12	99½ May 22
	Niagara Mohawk Power Corp											
25,000	General mtge 2¾s_____1980	J-J	78	—	77⅝	—	77⅝	80	— ------	— ------	77⅝ Nov 27	81 Sep 26
59,000	General mtge 2⅞s_____1980	A-O	—	79¾	82½	Sale	82	—	82½ Dec 3	82½ Dec 3	79 Jan 4	83½ Nov 21
136,000	General mtge 3¼s_____1983	A-O	—	—	86	87½	89¼	91¼	87 Dec 10	87 Dec 10	80½ Feb 2	87 Dec 10
65,000	General mtge 3½s_____1983	F-A	85½	—	88¾	—	85	87	— ------	— ------	85¾ Feb 14	89¾ May 2
243,000	General mtge 4⅞s_____1987	M-S	105½	Sale	104½	—	104	105½	103¾ Dec 18	104½ Dec 7	103 Jun 18	105½ Jan 15
	Nopco Chemical Co—											
2,512,000	4¾s conv sub debs____1987	J-J	—	—	115½	Sale	115	Sale	111¼ Dec 18	117 Dec 6	101⅛ July 9	117 Dec 6
348,000	Norfolk & Western 1st 4s_1996	A-O	91½	92½	95	Sale	94½	97	94 Dec 4	95 Dec 3	91⅝ Aug 8	97 May 18
	Northern Central Ry—											
43,000	Gen & ref 5s series A__1974	M-S	85	89	88⅛	—	88⅝	—	88⅝ Dec 20	88⅝ Dec 20	88 Nov 16	89½ Sep 4
13,000	Gen & ref 4½s ser A__1974	M-S	80	80¼	83¾	Sale	83¾	—	83¾ Dec 3	83¾ Dec 3	80 Feb 19	83¾ Dec 3
	Northern Natural Gas Co—											
104,000	3⅝s s f debentures____1973	M-N	91⅜	—	92½	94	93	96	93 Dec 5	93 Dec 5	91¼ July 18	93 Mar 8
236,000	3¼s s f debentures____1973	M-N	88	—	93	Sale	93¼	94¼	93 Dec 3	93¼ Dec 13	88½ Jan 4	93¼ Dec 13
46,000	3¼s debentures_____1974	M-N	87⅝	91¼	93	—	93	—	— ------	— ------	87⅝ Jan 19	96 Aug 23
187,000	4½s s f debentures____1976	M-N	98½	—	100¾	101½	100⅝	101⅜	100⅝ Dec 7	101⅞ Dec 17	98½ Jan 5	102⅛ May 15
111,000	4⅝s s f debentures____1977	M-N	99¼	101⅛	100½	—	101	—	— ------	— ------	99½ Jan 26	103½ Apr 16
512,000	4⅝s s f debentures____1978	M-N	100¼	102	—	102⅜	102⅝	—	102 Dec 19	102⅜ Dec 11	100¼ Feb 19	104⅝ Jun 22
62,000	4⅞s s f debentures____1980	M-N	102	104	—	—	104	Sale	102½ Dec 17	104 Dec 31	101⅝ July 11	104 Dec 31
110,000	5⅛s s f debentures____1979	M-N	102⅝	Sale	—	104⅞	—	104⅞	— ------	— ------	102⅝ Jan 2	105½ Jun 22
317,000	4⅞s s f debentures____1981	M-N	103¼	—	102¾	106¼	104½	106¼	106 Dec 7	106 Dec 7	102½ Jan 30	106 May 25
232,000	4⅝s s f debentures____1981	M-N	101⅝	Sale	103⅛	—	103⅛	—	— ------	— ------	101 Jan 5	103⅝ May 10
1,168,000	North'n Pac Ry prior lien 4s '97	Q-Jan	81⅝	84	87¾	Sale	87⅜	88	86⅝ Dec 11	88 Dec 19	81 Jan 30	88½ Oct 18
2,145,000	General lien 3s____Jan 2047	Q-Feb	58	Sale	58	58¼	59⅛	Sale	58 Dec 4	59⅛ Dec 28	56 Sep 5	60 May 23
884,000	Ref & impt 4½s ser A_2047	J-J	93½	Sale	92½	94	93⅝	Sale	92½ Dec 7	93⅝ Dec 28	90 May 29	95 Feb 8
324,000	Collateral trust 4s___1984	A-O	92⅝	Sale	94	Sale	93⅝	94½	93⅝ Dec 4	94 Dec 3	92⅛ Jan 4	94½ Nov 13
	Northern States Power Co—											
11,000	(Minn) 1st mtge 2¾s__1974	F-A	81	82½	84	87⅝	84	—	— ------	— ------	81⅛ Feb 20	85½ Nov 1
439,000	1st mortgage 2¾s___1975	A-O	82¼	Sale	85½	Sale	86	86⅞	85½ Dec 3	86¼ Dec 14	81⅞ Jan 29	86¼ Dec 14
1,000	1st mortgage 3s_____1978	J-J	—	—	—	—	—	—	— ------	— ------	82¾ May 2	82¾ May 2
____	1st mortgage 2¾s___1979	F-A	77⅛	—	77	78¾	77	83	— ------	— ------	— ------	— ------
25,000	1st mortgage 3¼s___1982	J-D	—	82	85	—	87	—	85 Dec 13	85 Dec 13	82 Jan 4	85 Nov 21
42,000	1st mortgage 3⅛s___1984	A-O	78	81	—	—	82	—	82 Dec 7	82 Dec 7	78 Aug 28	83 Sep 17
66,000	1st mortgage 4¼s___1986	M-S	95½	97½	97½	101⅝	97½	101⅝	97½ Dec 21	97½ Dec 21	96⅞ Jan 4	100¼ Apr 27
107,000	1st mortgage 4s_____1988	J-J	88	93½	95	97	95½	97	95 Dec 17	95⅝ Dec 4	91½ Aug 1	97¼ Nov 27
96,000	1st mortgage 5s_____1990	J-D	103¼	104¼	102	—	104	—	103 Dec 18	104 Dec 18	103 Dec 18	106 Mar 20
7,000	1st mortgage 4⅞s___1991	F-A	104½	—	—	—	—	—	— ------	— ------	103 Aug 22	104 July 6
3,000	1st mortgage 4⅜s___1992	J-D	—	—	102	—	—	—	— ------	— ------	102 Nov 29	102 Nov 29
67,000	(Wisc) 1st mtge 2⅝s__1977	A-O	78¼	—	82¼	—	82¼	—	84¾ Dec 4	84¾ Dec 4	78¼ Feb 13	84¾ Dec 4
____	1st mortgage 3s_____1979	M-S	—	—	80	—	80	—	— ------	— ------	— ------	— ------
66,000	1st mortgage 4⅝s___1987	J-D	—	—	101	104	102	104	102 Dec 21	102 Dec 21	99¾ Feb 23	102¼ Feb 8
	Northrop Corp—											
12,990,000	5s conv subord debs____1979	J-J	156	Sale	148	Sale	125¼	Sale	123 Dec 31	151½ Dec 6	111 Jun 25	171 Jan 22
26,000	Northwest'n Bell Tel 2¾s__'84	J-D	74⅝	76½	77	—	77	—	— ------	— ------	74⅝ Jan 4	77 Oct 10
14,000	3¼s debentures_____1996	F-A	77⅜	—	—	—	80¼	—	80¼ Dec 11	80¼ Dec 11	78½ Feb 22	80¼ Dec 11
312,000	Ohio Edison Co 1st 3s____1974	M-S	84¼	Sale	90	Sale	87½	—	88½ Dec 17	90 Dec 3	84¼ Jan 2	91⅛ Nov 13
275,000	1st mortgage 2¾s_____1975	A-O	83¼	Sale	81	—	84½	—	84½ Dec 28	85⅞ Dec 21	81¾ Feb 5	86⅛ Nov 29
8,000	1st mortgage 2⅞s_____1980	M-N	75	79¾	—	—	84	—	— ------	— ------	78½ Feb 12	79¾ Mar 5
121,000	Oklahoma Gas & El 2¾s_1975	F-A	83	—	86	—	84	—	85½ Dec 24	85½ Dec 24	80¾ Feb 1	86½ Oct 2
5,000	1st mortgage 2⅞s_____1980	M-N	—	80	—	77½	—	—	75½ Dec 10	77 Dec 14	75½ Dec 10	77 Feb 20
8,000	1st mortgage 3⅜s_____1982	M-S	—	86	86¼	—	85½	—	— ------	— ------	83 Oct 25	86 Nov 12
5,000	1st mtge 3¼s_____1985	J-D	—	—	—	—	—	—	— ------	— ------	83¾ Sep 19	83¾ Sep 19
8,000	1st mortgage 3⅞s_____1988	J-D	—	91	—	—	—	95	93½ Dec 19	93½ Dec 19	87 Jun 14	93½ Dec 19
105,000	1st mortgage 4½s_____1987	J-J	99	—	101¼	102½	103⅛	—	100¾ Dec 11	103 Dec 24	99½ Jan 12	103¾ May 2
	Olin Mathieson Chemical Corp											
8,810,000	5½s conv subord debs__1982	M-N	119¼	Sale	112¾	Sale	112¾	Sale	112 Dec 10	114⅛ Dec 24	106 Jun 26	120½ Feb 13
5,320,000	5½s conv subord debs__1983	M-S	119	Sale	112	112½	113½	Sale	111½ Dec 11	114 Dec 24	105¼ Jun 26	120⅛ Jan 5
53,000	Owens-Illinois Glass 3¾s_1988	J-D	91	98	92½	95	92½	95	93 Dec 12	93 Dec 12	91⅝ Jan 15	94 Nov 14
	Oxford Paper Co—											
1,759,000	4¾s conv subord debs__1978	A-O	126	Sale	115	Sale	110	113⅞	115 Dec 3	117 Dec 7	105½ Jun 12	127 Jan 5
	Pacific Gas & Electric Co—											
	1st & refunding mortgage											
23,000	3½s series I_____1966	J-D	97¼	—	97⅞	—	97¾	98½	97⅞ Dec 20	97⅞ Dec 20	96 July 10	98 May 29
462,000	3s series J_____1970	J-D	88⅝	89¾	91½	Sale	92⅞	—	91 Dec 12	93½ Dec 24	88½ Jan 25	93½ Dec 24
547,000	3s series K_____1971	J-D	89	90	91½	Sale	92½	—	91 Dec 11	92½ Dec 4	89½ Jan 4	93 May 14
1,515,000	3s series L_____1974	J-D	85¼	Sale	89¼	Sale	89⅞	Sale	89 Dec 5	90½ Dec 28	85¼ Jan 2	90½ Dec 28
957,000	3s series M_____1979	J-D	81	Sale	85¾	Sale	84½	Sale	84¾ Dec 14	85¾ Dec 3	81 Jan 2	86¼ Nov 5
395,000	3s series N_____1977	J-D	82¾	83⅜	85¼	Sale	86½	87⅜	85 Dec 3	87 Dec 28	82⅝ Feb 7	87 Dec 28
141,000	2¾s series P_____1981	J-D	—	76⅞	80	82½	81	82½	79½ Dec 7	79½ Dec 7	76⅞ Jan 3	81½ May 29
192,000	2⅞s series Q_____1980	J-D	—	80⅞	82⅞	84⅛	83½	84¾	82⅜ Dec 10	84¾ Dec 20	78½ Feb 1	84¾ Dec 20
141,000	3⅛s series R_____1982	J-D	79¾	82½	85¼	87	84¾	87	84¾ Dec 6	84¾ Dec 6	81¼ Jan 26	86¼ Jun 15
139,000	3s series S_____1983	J-D	76	79	83	84¾	83	84¾	83¼ Dec 7	83¼ Dec 7	78½ Feb 16	83¼ July 13
99,000	2⅞s series T_____1976	J-D	82½	83½	86⅛	87¼	85⅝	87¼	— ------	— ------	82½ Jan 10	86⅜ Sep 5
264,000	3⅜s series U_____1985	J-D	—	—	88¼	89	87⅞	88½	87⅞ Dec 28	89 Dec 18	83¾ Jan 9	89 Dec 18
240,000	3⅛s series W_____1984	J-D	79⅝	80⅝	84¾	—	—	—	85 Dec 6	85¼ Dec 4	80 Jan 3	85¼ Dec 4
213,000	3⅛s series X_____1984	J-D	83¾	85¼	85	—	—	—	85 Dec 4	85⅝ Dec 13	80½ Jan 29	85⅝ Dec 13
180,000	3⅜s series Y_____1987	J-D	81¼	83	87	—	86½	87¾	87 Dec 4	87 Dec 4	82¾ Feb 21	87½ Oct 15
40,000	3⅜s series Z_____1988	J-D	79½	—	85¼	Sale	84½	—	84½ Dec 28	85¼ Dec 3	82 May 17	85½ Oct 16
854,000	4½s series AA_____1986	J-D	101¼	Sale	103	Sale	102	—	101 Dec 17	103 Dec 3	100 Aug 2	104½ Sep 17
557,000	5s series BB_____1989	J-D	104¼	104⅝	105	Sale	105½	Sale	104 Dec 21	105½ Dec 3	103¾ Jan 5	106¾ May 1
908,000	3¾s series CC_____1978	J-D	92¾	Sale	95	Sale	95¾	—	95 Dec 3	97 Dec 27	91 Jan 18	97 Dec 27
969,000	4½s series DD_____1990	J-D	101⅛	Sale	103	Sale	103	103¾	102½ Dec 10	104 Dec 19	100 Mar 16	104 Oct 2
1,148,000	5s series EE_____1991	J-D	105½	Sale	104¾	106	105	106	104 Dec 18	106 Dec 27	103¼ May 31	107¼ Apr 30
564,000	5⅝s series FF_____1992	J-D	101	Sale	104⅛	—	103	—	103⅜ Dec 14	104⅛ Dec 11	100¾ Feb 7	104¾ May 29
395,000	4½s series GG_____1993	J-D	101¼	Sale	100	104½	100	—	103 Dec 17	103 Dec 17	100 Aug 3	104½ Nov 8
1,416,000	4⅞s series HH_____1994	J-D	—	—	102⅝	Sale	102½	103⅜	102⅝ Dec 3	103½ Dec 21	99½ Aug 3	103½ Dec 21

For footnotes, see page 95.

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Sales for Year 1962 $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
475,000	Pacific Tel & Tel 2¾s debs '85	J-D	74⅝	75½	79½	Sale	79⅞	Sale	78⅜ Dec 6	80 Dec 24	73¾ Feb 6	80 May 8
144,000	2⅞s debentures 1986	A-O	75	—	79½	80¾	79½	—	79½ Dec 5	79½ Dec 5	75 Jan 30	79⅝ Nov 20
263,000	3⅛s debentures 1987	A-O	78⅛	80¼	—	—	—	83¼	83¼ Dec 12	83¼ Dec 12	79 Feb 15	84 May 14
239,000	3¼s debentures 1978	M-S	84¾	87⅛	—	90	—	90	88¼ Dec 10	88¼ Dec 10	84⅞ Jan 4	90 Nov 30
223,000	3⅛s debentures 1983	M-S	80¼	Sale	85	87	85	87	— ------	— ------	80⅛ Jan 29	85⅜ Nov 27
96,000	3½s debentures 1981	M-N	86	87⅛	89	89⅞	90	—	89 Dec 5	91 Dec 13	86 Jan 23	91 Dec 13
171,000	3⅜s debentures 1991	F-A	84⅝	88½	90	—	—	91¼	89 Dec 11	89¾ Dec 18	85½ Jan 11	92 May 18
1,077,000	4⅜s debentures 1988	F-A	98⅞	Sale	101¾	102¼	102¼	Sale	101 Dec 18	102¼ Dec 28	98½ Feb 5	102½ Oct 31
-----	Pacific Western Oil 3½s 1964	J-D	84⅛	—	—	—	—	—	— ------	— ------	— ------	— ------
	Pan Amer. World Airways—											
11,796,00	4⅞s conv subord debs 1979	F-A	106⅛	Sale	106½	Sale	105	Sale	104½ Dec 24	108¾ Dec 5	100 May 29	111 Mar 15
968,000	Pennsyl Pwr & Light 3s 1975	A-O	84⅛	87⅜	87	88	88¾	Sale	81¾ Dec 10	88¾ Dec 28	84 Feb 15	88¾ Dec 28
	Pennsylvania RR—											
5,519,000	General 4½s series A 1965	J-D	98	Sale	100¼	Sale	100½	Sale	100 Dec 3	100⅝ Dec 26	97⅝ Jan 10	100⅞ Nov 29
2,856,000	General 5s series B 1968	J-D	98	Sale	100⅝	Sale	101	Sale	100¼ Dec 4	101½ Dec 24	98 Jan 2	101½ Oct 1
2,405,000	General 4¼s series D 1981	A-O	71⅛	Sale	74	Sale	75	75⅜	74 Dec 3	76 Dec 6	68 Jun 26	76 Dec 6
1,357,000	Gen mtge 4¼s series E 1984	J-J	71	72½	73¾	Sale	74	Sale	73¾ Dec 3	75½ Dec 6	68 Jun 29	75½ Dec 6
605,000	Gen mtge 3⅛s series F 1985	J-J	58¼	60	58⅝	59	58¾	Sale	58¾ Dec 13	60 Dec 21	53¾ July 18	60 Jan 15
405,000	△Peoria & Eastn Ry 4s 1990	Apr	52	60	64¼	70	68	Sale	67 Dec 10	68½ Dec 24	57 Feb 6	68½ Dec 24
	Pere Marquette Ry Co—											
338,000	1st mtge 3⅜s series D 1980	M-S	81	82	89⅛	—	89	—	89 Dec 4	89⅛ Dec 10	80½ Feb 1	89½ Nov 16
	Phila Balt & Wash RR—											
66,000	General 5s series B 1974	F-A	101	—	100	—	96½	100	100 Dec 4	100½ Dec 12	96⅛ Aug 16	101 Jan 16
23,000	General gold 4½s ser C 1977	J-J	80¾	Sale	83	—	83⅝	—	83⅛ Dec 6	83⅛ Dec 6	79 July 9	85 Nov 26
	Philadelphia Electric Co—											
261,000	1st & refunding 2¾s 1971	J-D	87	—	90¼	91¼	90¼	Sale	90¼ Dec 19	90⅝ Dec 19	85 Jun 1	90⅝ Dec 19
1,046,000	1st & refunding 2¾s 1967	M-N	92	Sale	95	96	95	95¾	95⅜ Dec 7	96 Dec 4	92 Jan 2	96 Dec 4
373,000	1st & refunding 2¾s 1974	M-N	82	83¼	86½	87	86¼	—	86 Dec 1	87¼ Dec 28	82½ Jan 5	87¼ Dec 28
164,000	1st & refunding 2¾s 1981	J-D	76	—	80	82½	80⅜	82	79½ Dec 7	80⅜ Dec 26	76 Feb 2	80½ May 15
51,000	1st & refunding 2⅞s 1978	F-A	81	—	83½	85	84⅛	86	83½ Dec 13	83½ Dec 13	80⅝ Jan 18	83⅝ Apr 6
73,000	1st & refunding 3¼s 1982	J-J	86	Sale	—	—	85¾	—	85¾ Dec 19	85¾ Dec 19	83¾ Aug 8	86⅛ Jun 15
98,000	1st & refunding 3⅛s 1983	J-D	78	80	—	—	—	84¼	— ------	— ------	80 Jan 4	84¼ May 9
190,000	1st & refunding 3⅛s 1985	A-O	—	85	83	—	83	—	— ------	— ------	77⅜ Feb 12	87 Sep 28
323,000	1st & refunding 4⅝s 1987	M-S	102¼	Sale	104	104½	103½	104½	103½ Dec 27	104 Dec 7	101¼ Mar 9	104¼ July 31
268,000	1st & refunding 3¾s 1988	M-N	88	Sale	91	94¼	93¼	94	92¾ Dec 14	93¾ Dec 20	88 Jan 2	94¼ Nov 21
776,000	1st & refunding 4⅜s 1986	J-D	100	Sale	101¾	102½	102⅛	—	101¾ Dec 13	102½ Dec 12	99⅛ Mar 1	103½ Nov 19
275,000	1st & refunding 5s 1989	A-O	103	106	106½	—	105	—	105 Dec 19	106⅜ Dec 13	104¾ Apr 10	107 Jun 22
352,000	Philip Morris Inc 4⅞s 1979	J-D	102	—	103	103½	103½	Sale	102⅝ Dec 10	103½ Dec 31	102⅛ May 22	104⅜ Mar 30
446,000	Phillips Petroleum 2¾s 1964	F-A	97⅝	98⅜	99	102½	99	102½	99 Dec 5	99¼ Dec 7	97⅝ Jan 10	100 Nov 7
24,160,000	4¼s conv subord debs 1987	F-A	122⅞	Sale	115¾	Sale	114⅝	Sale	114 Dec 18	117⅞ Dec 7	106 May 28	123¼ Jan 2
19,000	Pillsbury Co 4⅝s s f debs 1986	J-D	101½	103½	103¼	—	103¼	—	— ------	— ------	101½ Jan 25	104 Apr 30
27,000	Pillsbury Mills 3⅛s debs 1972	J-D	90	—	93¾	—	93¾	—	— ------	— ------	89⅝ Jan 25	94 Nov 1
	Pitts Bessemer & L Erie RR—											
3,000	1st mtge 2⅞s series A 1996	J-D	73¼	75	74½	—	74½	—	— ------	— ------	73¼ Jan 9	75 Mar 8
	Pitts Cin Chic & St L Ry—											
88,000	Cons gtd 4½s series I 1963	F-A	99⅛	—	100	—	99¾	—	99¾ Dec 17	99¾ Dec 17	99⅜ Jun 8	100⅛ Oct 16
21,000	Cons gtd 4½s series J 1964	M-N	98⅝	—	99	—	99¾	—	99 Dec 6	99 Dec 6	98⅝ Jan 17	100 Aug 10
322,000	Pgh Cinc Chic & St Louis RR General 5s series A 1970	J-D	86⅛	87	92	Sale	93	94	92 Dec 3	93½ Dec 19	87 Jan 3	95⅜ May 28
1,128,000	General 5s series B 1975	A-O	85½	Sale	90	Sale	90⅛	—	90 Dec 3	90 Dec 3	85½ Jan 2	92½ Jun 1
238,000	Gen mtge 3⅜s ser E 1975	A-O	73	—	71½	—	71½	Sale	71½ Dec 4	71¾ Dec 21	71⅛ Oct 29	73½ Mar 14
45,000	Pgh Consolid'n Coal 3½s '65	J-J	96⅛	—	98¼	—	98¼	Sale	98¼ Dec 4	98¼ Dec 4	96⅛ Jan 11	98¼ Sep 20
483,000	Pittsburgh Plate Glass 3s 1967	A-O	97⅛	—	97½	98	97¼	Sale	97⅛ Dec 17	98¼ Dec 17	96¼ Feb 19	98¼ Dec 17
-----	Plantation Pipe Line 3¾s 1970	M-S	88	—	88¼	—	88¼	—	— ------	— ------	— ------	— ------
12,000	3½s s f debentures 1986	A-O	84	—	88	—	88	—	— ------	— ------	84 Jan 19	89 Oct 18
	Potomac Electric Power—											
9,000	1st mortgage 3s 1983	J-J	—	—	76	—	76	—	— ------	— ------	76 Jan 4	83½ Oct 4
5,000	1st mtge 2⅞s 1984	M-N	—	—	—	—	—	—	— ------	— ------	79 Sep 19	79 Sep 19
512,000	Procter & Gamble 3⅞s 1981	M-S	94½	Sale	97½	Sale	96¼	97¾	96¼ Dec 28	97¾ Dec 12	93 Feb 13	97¾ Dec 12
	Public Service E & G Co—											
10,391,000	3s debentures 1963	M-N	98⅞	Sale	99½	Sale	99 37/32	Sale	99½ Dec 3	99⅞ Dec 26	98⅛ Jan 3	101 Jun 5
130,000	1st & ref mtge 3¼s 1968	J-J	93½	—	95¼	—	95⅝	—	95¼ Dec 5	95⅜ Dec 13	93¾ Jan 22	96½ May 14
51,000	1st & ref mtge 5s 2037	J-J	104⅛	—	106⅜	—	108	110¾	108 Dec 31	108 Dec 31	105 Jan 8	108 Mar 12
23,000	1st & ref mtge 8s 2037	J-D	159	—	170½	172	170½	175	170½ Dec 28	172 Dec 5	159 Jan 24	172 Dec 5
13,000	1st & ref mtge 3s 1972	M-N	—	—	86½	—	86¾	—	86¾ Dec 4	87 Dec 18	86½ Mar 22	87 Dec 18
42,000	1st & ref mtge 2⅞s 1979	J-D	79	Sale	83¾	—	83¾	—	— ------	— ------	79 Jan 2	84½ Aug 28
236,000	3⅜s debentures 1972	J-D	90	91⅝	93¾	Sale	93⅝	—	93⅝ Dec 28	94⅛ Dec 13	90½ Jan 5	94⅛ Dec 13
37,000	1st & ref mtge 3¼s 1983	A-O	81½	—	84	—	86⅛	—	84 Dec 12	84 Dec 12	81½ Jan 25	84 Sep 7
306,000	3½s debentures 1975	A-O	89	Sale	93	Sale	92½	—	93 Dec 3	93 Dec 3	89 Jan 2	93⅛ Nov 13
1,240,000	4⅝s debentures 1977	M-S	101¼	101⅞	103¾	Sale	101½	104	103¼ Dec 3	104½ Dec 18	100⅛ July 30	105¼ Apr 23
85,000	Quaker Oats 2⅝s debs 1964	J-J	95	—	98⅝	—	98⅝	—	98⅝ Dec 20	98⅝ Dec 20	95¼ Jan 18	98⅝ Nov 24
1,604,000	Reading Co 3⅛s ser D 1995	M-N	49	Sale	44	Sale	45¼	Sale	42¼ Dec 10	45¼ Dec 31	40 Oct 19	53 May 11
1,008,000	Republic Steel 4⅜s debs 1985	M-S	98	100	101½	—	101¾	Sale	101½ Dec 13	101¾ Dec 19	97⅛ Jan 2	102⅝ Nov 15
175,000	Reynolds (R J) Tob 3s 1973	A-O	87½	—	89½	—	89½	—	89½ Dec 12	89½ Dec 12	87½ Jan 22	90⅝ Jun 19
48,000	Rheem Mfg Co 3⅞s debs 1975	F-A	85	—	85	—	85	—	— ------	— ------	85 Jan 26	88 May 25
	Richfield Oil Corp—											
6,776,000	4⅜s conv subord debs 1983	A-O	131	Sale	121½	Sale	121	Sale	121 Dec 31	124½ Dec 7	108 Oct 24	132¼ Mar 15
	Rochester Gas & Electric—											
2,000	4½s series D 1977	M-S	100	—	—	—	—	—	— ------	— ------	100 Jan 30	100 Jan 30
95,000	Gen mtge 3¼s ser J 1969	M-S	91½	Sale	94⅝	—	94	—	94⅜ Dec 7	94⅜ Dec 7	91¼ Jan 17	95¾ May 23
	Rohr Aircraft Corp—											
4,486,000	5¼s conv subord debs 1977	J-J	126½	Sale	114¾	Sale	108⅛	Sale	108 Dec 26	115 Dec 3	100½ Jun 26	133 Jan 25
	Royal McBee Corp—											
1,581,000	6¼s conv subord debs 1977	J-D	105½	108	103¾	Sale	104	Sale	101¾ Dec 24	104½ Dec 11	97½ May 29	111 Feb 6
11,000	Saguenay Power 3s ser A 1971	M-S	88	—	88½	—	88½	—	— ------	— ------	88 Jan 25	88½ Nov 26
60,000	St Lawr & Adirondack 5s 1996	J-J	58⅛	—	62	62½	61	69	62 Dec 12	64 Dec 20	58⅛ Jan 4	64 Jun 14
23,000	2nd gold 6s 1996	A-O	67	Sale	65½	71	66⅛	71	— ------	— ------	65 Jan 4	70 Mar 27
	St Louis-San Fran Ry—											
1,304,00	1st mtge 4s series A 1997	J-J	71	Sale	76¾	Sale	76½	77⅝	76⅛ Dec 4	78 Dec 13	68 July 24	78 Dec 13
2,154,000	△2nd inc M 4½s A Jan 2022	May	69	Sale	71½	Sale	74⅞	Sale	71½ Dec 3	74⅞ Dec 31	65 July 13	74⅞ Dec 31
29,000	1st mtge 4s series B 1980	M-S	69½	—	74⅛	—	72	—	— ------	— ------	71 Oct 1	73 Apr 4
2,897,000	5s inc debs ser A Jan 2006	M-N	64¼	65¼	69¼	Sale	69½	Sale	68¼ Dec 27	70 Dec 6	60 May 29	70 Dec 6
	St Louis Southwestern Ry—											
121,000	1st 4s bonds ctfs 1989	M-N	86½	—	88⅛	90⅝	89	92½	89 Dec 20	90 Dec 18	86½ Jan 9	90 Dec 18
30,000	2nd gold 4s inc bd Nov 1989	J-J	81	—	80¼	—	80¼	—	— ------	— ------	78¾ Jan 26	82 Feb 27
9,000	St Paul & Duluth RR 4s 1968	J-D	88⅛	—	92	—	92½	97½	— ------	— ------	88⅛ Jan 30	92 Apr 19
-----	St Paul Un Dep 3⅛s ser B '71	A-O	80	—	85½	—	85½	—	85½ Dec 19	85½ Dec 19	80⅜ Jan 15	85½ Nov 23
	Scioto Val & New Eng RR—											
15,000	1st guaranteed 4s 1989	M-N	88⅛	—	90⅛	—	90⅛	—	— ------	— ------	— ------	— ------
5,967	Scott Paper 3s conv debs 1971	M-S	163	Sale	123	127	127¼	Sale	125 Dec 11	129 Dec 6	104 Jun 25	165 Jan 2
42,000	Scovill Mfg 4¾s debs 1982	J-J	96½	100	99	—	99	—	— ------	— ------	97 Jan 8	102 Apr 18
	Seaboard Air Line RR Co—											
40,000	1st mtge 3s series B 1980	M-N	79	—	79⅜	81	79⅜	81	79⅜ Dec 10	79⅜ Dec 10	78 Feb 7	80 Aug 3
21,000	3⅞s s f debentures 1977	M-S	87½	—	—	—	87	—	— ------	— ------	87 Oct 10	87½ July 9
	Seaboard Finance—											
724,000	5¼s debentures 1980	J-J	101½	Sale	104	—	103⅜	—	103 Dec 21	104 Dec 13	100 July 27	105⅛ Oct 2
	Seagram (Jos E) & Sons—											
22,000	2½s debentures 1966	J-D	94	—	94⅞	96¾	94⅞	96¾	94⅞ Dec 14	94⅞ Dec 14	94⅛ Mar 12	95 Feb 8
-----	3s debentures 1974	J-D	86½	—	86½	—	86½	—	— ------	— ------	— ------	— ------
	Sears Roebuck Acceptance Corp											
1,008,000	4⅝s debentures 1972	F-A	101½	102½	103	Sale	102½	103	103 Dec 3	104½ Dec 10	101 Feb 15	104½ Nov 1
978,000	4⅝s subord debs 1977	M-N	100¼	101	99⅞	102½	100¾	102⅛	101 Dec 6	102⅜ Dec 4	99⅞ Jun 5	104⅝ Sep 19
1,047,000	5s debentures 1982	J-J	104¾	105⅞	106	Sale	105¾	107	105½ Dec 14	107 Dec 6	104½ Jun 1	107¾ Apr 25
4,615,000	Sears Roebuck & Co 4¾s 1983	F-A	103⅞	Sale	105	Sale	105⅜	Sale	104½ Dec 5	105⅜ Dec 27	103 Jun 26	105⅝ Apr 13
	Seiberling Rubber Co—											
439,000	5s conv subord debs 1979	J-J	82¼	86	78½	80	78⅝	Sale	78½ Dec 5	79 Dec 28	74 Nov 8	91 Mar 13

For footnotes, see page 95.

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Sales for Year 1962 $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
108,000	Service Pipe Line 3.20s 1982	A-O	87½	—	90⅞	—	90⅞	—	—	—	87½ Jan 4	90⅞ Nov 14
1,905,000	Shell Oil Co 4⅝s debs 1986	F-A	102⅞	Sale	105¾	106¼	105	Sale	104⅞ Dec 14	106 Dec 13	102 Feb 1	106¼ Nov 9
686,000	Shell Union Oil 2½s debs 1971	A-O	86¾	87⅜	90⅞	Sale	90¼	91	90¼ Dec 11	90⅞ Dec 3	86¾ Jan 3	91 Oct 8
	Sinclair Oil Corp—											
12,715,000	4⅜s conv subord debs 1986	J-D	102¾	Sale	99⅞	Sale	101⅜	Sale	99⅞ Dec 3	101¾ Dec 31	98 July 9	104 Mar 19
62,000	Skelly Oil 2¾s debs 1965	J-J	97⅝	—	99¼	Sale	99¼	—	99¼ Dec 3	99¼ Dec 3	96½ May 31	99¼ Dec 3
	Smith-Corona Marchants—											
2,966,000	5¼s conv subord debs 1979	J-J	125	127	101¾	Sale	100½	102	100 Dec 18	103 Dec 5	95⅝ Nov 5	135½ Mar 27
563,000	Socony-Vacuum Oil 2½s 1976	J-D	80¼	81	84	Sale	84⅛	85	84 Dec 3	84½ Dec 12	80¼ Jan 5	84½ Nov 8
53,000	South & Nor Ala gtd 5s 1963	A-O	100⅛	—	100½	—	100½	101	—	—	100½ Jan 8	101 Aug 10
	Southern Bell & Tel & Tel—											
342,000	3s debentures 1979	J-J	82½	82⅝	85⅛	Sale	86⅝	Sale	85⅛ Dec 3	86⅝ Dec 18	81½ Jan 10	87⅛ May 15
259,000	2¾s debentures 1985	F-A	73⅝	74¾	78	—	80	85	78 Dec 21	79 Dec 21	74½ Jan 4	79 Nov 28
66,000	2⅞s debentures 1987	J-J	74⅝	—	78½	80⅞	79½	80⅞	79 Dec 18	79½ Dec 18	74⅝ Jan 3	80¾ Nov 29
	Southern California Edison—											
50,000	3¼s conv debs 1970	J-J	—	—	202½	—	220	—	—	—	191 July 30	230¾ Apr 10
92,000	Southern Indiana Ry 2¾s 1994	J-J	60	67	56¼	57	56¼	Sale	56 Dec 14	56¼ Dec 10	56 July 12	60 Feb 6
	Southern Natural Gas Co—											
24,000	4½s conv s f debs 1973	J-J	—	—	137	—	136	—	—	—	136 July 27	160 Mar 20
	Southern Pacific—											
3,664,000	(Oregon Lines) 4½s 1977	M-S	96¼	Sale	98¾	Sale	100¾	Sale	98⅝ Dec 4	100⅞ Dec 18	95 Feb 14	100⅞ Dec 18
9,392,000	Gold 4½s 1969	M-N	99¾	Sale	102⅛	Sale	102⅞	Sale	102⅛ Dec 3	103 Dec 18	98¼ July 5	103 Dec 18
1,856,000	Gold 4½s 1981	M-N	88⅝	Sale	95	Sale	97	Sale	94⅝ Dec 3	97½ Dec 17	88½ Jan 3	97½ Dec 17
67,000	San Fran Term 3⅜s A 1975	J-D	86⅝	—	86¾	—	86¾	—	—	—	86 Feb 21	87 Jan 25
	Southern Pacific RR Co—											
265,000	1st mtge 2⅞s series E 1986	J-J	70½	—	73¼	—	74	75	73⅜ Dec 4	74 Dec 6	70½ Jan 10	74 Dec 6
178,000	1st mtge 2¾s series F 1996	J-J	59½	—	60⅝	Sale	61	63	60⅝ Dec 3	61 Dec 6	59 Aug 8	64 Apr 10
371,000	1st mtge 5¼s series H 1983	A-O	101⅝	—	104¾	Sale	104¾	—	103½ Dec 7	104¾ Dec 3	101¼ Jan 11	106 Jun 8
758,000	Southern Ry 1st cons 5s 1994	J-J	101	Sale	105½	—	105	—	105 Dec 19	105½ Dec 6	100¼ Feb 1	105⅝ Oct 17
16,000	1st mtge coll tr 4½s 1988	F-A	87	94	95⅝	—	95⅝	—	—	—	94 Jan 4	95 Oct 18
86,000	Memphis Div 1st g 5s 1996	J-J	—	—	98	103	102½	—	—	—	96½ Jan 30	102½ Nov 30
----	New Orl & N'east 3¾s 1977	M-N	—	—	85	—	85	—	—	—	—	—
	Southwestern Bell Telephone—											
440,000	2¾s debentures 1985	A-O	74½	Sale	78	79¼	80	85	78¾ Dec 6	80 Dec 24	74½ Jan 2	80 Dec 24
75,000	3⅛s debentures 1983	M-N	80¼	83	84	Sale	84	—	84 Dec 3	84 Dec 3	80¼ Jan 9	85 Nov 12
	Spiegel Inc—											
5,739,000	5s conv subord debs 1984	J-D	142	Sale	115	Sale	116	Sale	114 Dec 18	119¼ Dec 6	102 Jun 22	146 Mar 1
1,332,000	5¼s debentures 1983	A-O	102	102¼	103½	103¾	103¼	103¾	103⅛ Dec 19	104 Dec 5	100 Jun 26	105½ Mar 14
3,046,000	Standard Oil of Cal 4⅜s 1983	J-J	100⅜	Sale	102¼	103¼	103	Sale	102¼ Dec 27	103 Dec 4	99¼ Feb 19	103¼ Nov 14
	Standard Oil (Indiana)—											
9,161,000	3⅛s conv debs 1982	A-O	119⅞	Sale	88	90¾	88⅛	Sale	88⅛ Dec 6	89 Dec 27	88⅛ Oct 2	125½ Feb 15
2,935,000	4½s debentures 1983	A-O	101⅜	Sale	103¼	—	103¾	Sale	103 Dec 18	103¾ Dec 28	100⅛ Jan 31	104⅛ Nov 23
	Standard Oil Co (N J)—											
1,335,000	2⅝s debentures 1971	M-N	84¾	86	87½	Sale	87½	88½	87½ Dec 3	88½ Dec 21	84½ Jan 23	88½ Oct 19
705,000	2¾s debentures 1974	J-J	84¾	85½	87½	Sale	88	88½	87 Dec 14	87⅞ Dec 3	84½ Feb 6	88⅞ Sep 26
	Standard Oil Co (Ohio)—											
271,000	4¼s s f debentures 1982	J-J	96	97½	100	—	100½	—	101 Dec 6	101 Dec 6	96 Jan 24	101 Nov 29
35,000	Stauffer Chemical 3⅞s 1973	M-S	93½	—	97⅝	—	97⅝	—	97⅝ Dec 19	97⅝ Dec 19	95 May 10	97⅝ Dec 19
	Stokely-Van Camp Inc—											
3,161,000	4¼s conv subord debs 1982	M-S	—	—	94⅛	Sale	95½	Sale	93½ Dec 13	96½ Dec 21	93 May 29	108 May 9
779,000	Sunray DX Oil 4¼s debs 1987	M-N	—	—	—	—	100¾	101¼	100½ Dec 12	101¼ Dec 26	97¾ July 6	101¼ Dec 26
54,000	Sunray Oil Corp 2⅞s debs 1966	J-J	93	98	97	—	97½	—	97 Dec 5	98 Dec 6	93 Jan 22	98 May 10
253,000	Superior Oil 3¾s debs 1981	J-J	91⅛	95	94¾	96	95⅛	96	—	—	91½ Jan 22	95¾ Nov 13
388,000	Surface Transit Inc 6s 1971	M-N	93⅜	98	98¾	Sale	99	Sale	98 Dec 4	99 Dec 31	91 Feb 1	100 Oct 17
64,000	Swift & Co 2⅝s debs 1972	J-J	85⅛	—	89¾	—	89¾	—	89¾ Dec 6	89¾ Dec 6	85⅛ Jan 24	89¾ Nov 27
8,000	2⅞s debentures 1973	M-N	91¼	—	91	—	91	—	—	—	91½ Jun 26	92 Mar 2
	Symington Wayne Corp—											
3,350,000	4¾s conv sub debs 1982	A-O	—	—	108⅛	Sale	109	Sale	107⅛ Dec 12	110¼ Dec 12	93⅛ Jun 15	111 Aug 31
	Talcott (James) Inc—											
58,000	5½s senior notes 1979	J-D	102¼	—	105	—	105	—	105 Dec 4	105 Dec 4	102½ Feb 2	105 Dec 4
965,000	5s capital conv notes 1979	J-D	202	—	157	—	155	169	155 Dec 11	164 Dec 6	130 May 29	222 Mar 22
110,000	5½% senior notes 1980	J-D	102¼	103	104⅝	—	105½	—	—	—	101½ Feb 7	105¾ May 23
	Term RR Assn of St Louis											
32,000	Ref & imp M 4s ser C 2019	J-J	80⅛	—	81½	88	81½	88	81½ Dec 6	81½ Dec 6	78¾ Jun 26	82 Nov 23
109,000	Ref & imp 2⅞s ser D 1985	A-O	71⅞	—	79½	—	79¼	80	79 Dec 21	79½ Dec 12	73⅛ Feb 21	83 Oct 2
1,269,000	Texas Co 3⅝s debs 1983	M-N	87½	Sale	—	93⅝	93½	Sale	92⅝ Dec 4	93⅝ Dec 18	89 Jan 5	94¼ Nov 16
2,048,000	Texas Corp 3s debs 1965	M-N	96⅞	Sale	98¾	Sale	98½	Sale	98¼ Dec 5	98⅞ Dec 10	96¾ Jan 2	99¼ Jun 4
	Texas & New Orl RR Co—											
173,000	1st & ref M 3¼s ser B 1970	A-O	88⅛	—	88	—	88	—	88 Dec 18	88⅛ Dec 11	87¼ May 21	88½ Mar 29
175,000	1st & ref M 3⅜s ser C 1990	A-O	71⅛	—	70	Sale	70	—	70 Dec 3	70 Dec 3	68 Oct 25	75 Feb 23
79,000	Texas & Pacific 1st g 5s 2000	J-D	92¼	95	90¼	95	95	Sale	94⅞ Dec 12	95 Dec 10	87½ Oct 9	95 Mar 22
720,000	Gen & ref M 3⅞s ser E 1985	J-J	67	69	67½	70	68¼	70	67⅛ Dec 17	69 Dec 5	62 Aug 8	71 Feb 16
	Texas Pacific-Missouri Pacific											
195,000	Term RR of N O 3⅜s 1974	J-D	78⅛	—	78⅛	—	80	—	80 Dec 18	80 Dec 18	78⅛ Mar 5	80 Dec 18
1,791,000	Thompson Products 4⅞s 1982	F-A	121	Sale	113	Sale	114	Sale	112⅛ Dec 20	117 Dec 13	102¾ Jun 21	123 Jan 3
	Thompson Ramo Wooldridge—											
43,000	5¼s debentures 1986	J-J	103¼	105	105	—	103	—	—	—	103½ Feb 2	105½ July 6
145,000	Tidewater Oil 3½s 1986	A-O	82	Sale	84¾	—	87¼	—	87 Dec 19	87¾ Dec 21	81¼ Jan 10	88 Nov 15
	Trans World Airlines—											
5,512,000	6½s sub inc debs 1978	J-D	61¾	Sale	77¾	Sale	73	Sale	72 Dec 11	80¼ Dec 21	50 May 29	80¼ Dec 21
299,000	Union Elec of Mo 3⅜s 1971	M-N	92¼	94½	94¼	95	94⅝	95¾	94¼ Dec 7	95⅝ Dec 28	91 July 31	95⅝ Dec 28
48,000	1st mtge & coll tr 2¾s 1975	A-O	81⅝	82½	84½	—	84	—	—	—	82¼ Jan 11	85½ Nov 9
106,000	3s debentures 1968	M-N	91½	—	94⅛	—	94⅛	—	—	—	91⅞ Feb 5	94 Sep 26
3,000	1st mtge & coll tr 2⅞s 1980	J-D	77	81¼	78¾	83	78¼	85½	78¾ Dec 5	78¾ Dec 5	78¾ Dec 5	78¾ Dec 5
77,000	1st mtge & coll tr 3¼s 1982	M-N	85	88¼	87	88¼	87	—	87 Dec 17	87 Dec 17	82½ Jan 24	88¼ Jun 22
	Union Oil of California—											
58,000	2¾s debentures 1970	J-D	88¾	—	89½	—	89½	—	89½ Dec 28	89½ Dec 28	89 Jan 5	90 Apr 27
518,000	4⅞s debentures 1986	J-D	103½	104½	105½	—	104½	106½	104¾ Dec 13	106½ Dec 27	103 Jan 26	106½ Dec 27
10,257,000	4¼s conv subord debs 1991	J-D	120	Sale	117¼	Sale	118½	Sale	116 Dec 13	118½ Dec 31	106¼ Jun 5	123¾ Jan 15
247,000	Union Pacific RR 2⅞s 1976	F-A	84	Sale	85	90	84¼	90	84½ Dec 5	85 Dec 4	83 Mar 1	85½ Feb 13
401,000	Ref mtge 2½s ser C 1991	M-S	68	68½	69	70	69½	70½	69 Dec 10	70½ Dec 10	68 Jan 4	70½ Apr 18
90,000	Union Tank Car Co 4¼s 1973	A-O	97⅛	—	99¼	101	99¼	101	99¼ Dec 24	100⅞ Dec 17	98⅛ Aug 15	101 Oct 25
324,000	5s s f debentures 1986	F-A	103¾	104¾	104½	105½	104¾	105½	104½ Dec 5	104¾ Dec 19	102¾ July 30	105¾ Apr 27
	United Air Lines Inc—											
4,907,000	4⅞s conv subord debs 1985	J-D	126½	Sale	122½	123	122	Sale	120 Dec 12	124 Dec 6	103½ May 29	128 Jan 19
28,000	United Biscuit 2¾s debs 1966	A-O	91⅝	—	94¾	—	95	—	94¾ Dec 27	94¾ Dec 27	91⅝ Mar 15	94¾ Nov 19
49,000	3⅜s debentures 1977	M-S	86½	—	91½	—	92½	—	91⅝ Dec 13	92½ Dec 27	89¾ Jun 7	92½ Dec 27
54,000	United Gas Corp 2¾s 1970	J-J	89	90	89½	—	89½	—	—	—	89 Jan 16	90 May 15
326,000	1st mtge & coll tr 3⅝s 1971	J-J	93⅜	—	96	97	96	97	96 Dec 18	96½ Dec 17	93⅜ Jan 11	97 Nov 5
368,000	1st mtge & coll tr 3½s 1972	F-A	90½	Sale	94½	—	94	—	94 Dec 14	94⅞ Dec 28	90½ Jan 2	95⅝ Jun 20
15,000	1st mtge & coll tr 3⅜s 1975	M-N	89⅝	—	90⅜	—	93⅛	—	93⅛ Dec 24	93⅛ Dec 24	90 July 2	93⅛ Dec 24
243,000	4⅜s s f debentures 1972	A-O	98¼	100	100	101½	100¾	—	100½ Dec 4	101¼ Dec 10	98⅜ Jan 3	101½ Nov 9
7,000	3¾s s f debentures 1973	A-O	91½	—	92⅜	—	91⅝	—	91⅝ Dec 10	91⅝ Dec 10	91½ Jan 24	91⅝ Feb 7
736,000	1st mtge & coll tr 4½s 1977	M-S	100½	Sale	100	101½	101	102	100 Dec 12	101⅝ Dec 4	99 Jan 22	103 Apr 10
857,000	1st mtge & coll tr 4¼s 1978	M-S	96¼	99	101¼	Sale	101	—	100½ Dec 6	101¼ Dec 3	97 Jan 8	101½ May 2
619,000	4⅝s s f debentures 1978	J-J	100	101	100½	102¼	102	103	101 Dec 13	102 Dec 19	99¼ Feb 5	102½ Mar 23
465,000	1st mtge & coll tr 5s 1980	M-N	103	103½	104¾	105	106	Sale	104¾ Dec 4	106 Dec 31	102½ Jan 30	106 Dec 31
302,000	5⅛s s f debentures 1980	M-N	103½	Sale	104¼	105¼	103¾	105¼	105 Dec 21	105 Dec 21	102¾ Aug 6	105⅝ Oct 8
336,000	1st mtge & coll tr 4⅝s 1982	J-D	—	—	103	103½	103	104	103 Dec 4	103⅝ Dec 13	101¼ Aug 2	104¼ Oct 19
	United States Freight Co—											
6,993,000	5s conv subord debs 1981	A-O	154	Sale	136¾	Sale	139½	Sale	133¾ Dec 11	139½ Dec 31	112½ Jun 15	163¼ Mar 23
43,000	U S Rubber Co 2⅝s deb 1976	M-N	82	—	84¾	—	85	—	85 Dec 5	85 Dec 5	82 Feb 8	85⅝ Apr 30
28,000	2⅝s debentures 1967	A-O	91½	—	93⅛	—	93⅛	—	—	—	93⅛ Apr 17	94 Mar 6
	United States Steel Corp—											
4,190,000	4s s f debentures 1983	J-J	95⅜	Sale	97½	Sale	97½	Sale	97¼ Dec 4	98 Dec 18	95 Jan 4	98⅜ Nov 9
5,349,000	4½s s f debentures 1986	A-O	101½	Sale	103⅞	Sale	103½	Sale	103¼ Dec 4	103⅞ Dec 3	100¼ Feb 14	104⅛ Oct 19

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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 DECEMBER

Stock Sales—	1962	1961	Stock Sales—	1962	1961
December (Shares)	80,962,353	82,402,535	Jan. 1 to Dec. 31 (Shares)	962,155,308	1,021,264,589

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 December Shares	Aggregate Sales for Year 1962 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
13,100	33,616	Abacus Fund	1	53½	55	39½	42	39⅝	Sale	39½ Dec 28	41 Dec 6	34½ Oct 23	55 Jan 16
33,400	636,300	Abbott Laboratories	5	70½	Sale	69¾	Sale	76½	Sale	69¾ Dec 3	76¾ Dec 27	56⅛ Aug 29	81¾ Mar 9
55,500	585,200	A B C Vending Corp	1	21¼	Sale	14¼	Sale	13	Sale	12⅞ Dec 18	14⅞ Dec 5	11¼ Oct 24	21⅞ Jan 15
29,100	589,100	ACF Industries Inc	25	67⅝	Sale	72¾	Sale	77⅛	Sale	72⅝ Dec 4	78¾ Dec 20	52⅛ Jun 25	78¾ Dec 20
22,500	212,600	Acme Markets Inc	1	98½	Sale	67½	Sale	72	Sale	65½ Dec 14	72 Dec 31	60½ Oct 24	99¼ Jan 2
57,300	650,200	Acme Steel Co	10	20⅞	Sale	15¾	Sale	13¼	Sale	12⅝ Dec 19	15¾ Dec 3	9½ Sep 28	21 Jan 2
25,100	281,400	Adams Express Co	1	30⅜	Sale	24⅞	Sale	25	Sale	24 Dec 19	25½ Dec 5	22 Oct 25	33⅜ Feb 21
23,700	286,700	Adams-Millis Corp	*	23	Sale	13¼	Sale	11⅞	Sale	11½ Dec 31	13¾ Dec 6	10 May 29	23¾ Jan 3
72,400	1,543,500	Addressograph Multig	2.50	88¾	Sale	54⅜	Sale	50½	Sale	50¼ Dec 24	58⅛ Dec 5	39⅜ Oct 1	90¾ Jan 2
58,400	893,600	Admiral Corp	1	17½	Sale	12⅜	Sale	12	Sale	11½ Dec 18	13⅛ Dec 5	9¼ Oct 24	19⅝ Mar 15
15,800	222,500	Aeroquip Corp	1	31⅛	Sale	26½	Sale	23⅝	Sale	23½ Dec 28	26⅞ Dec 10	20⅛ Jun 22	35⅜ Jan 17
27,800	517,800	Air Control Products	50c	12⅛	Sale	14½	Sale	14⅛	Sale	14⅛ Dec 28	15⅜ Dec 4	10 May 28	18⅜ Apr 18
39,300	835,400	Air Products & Chemicals	1	80¾	Sale	65½	Sale	63¾	Sale	62 Dec 19	67⅜ Dec 5	41¼ May 29	84¼ Mar 15
97,900	1,090,300	Air Reduction Inc	*	65	Sale	55½	Sale	54¼	Sale	54⅛ Dec 28	57 Dec 10	45⅛ May 29	70⅛ Feb 7
42,500	485,100	A J Industries	2	4¾	Sale	3½	Sale	3⅝	Sale	3½ Dec 3	4 Dec 4	3⅛ May 29	4⅞ Feb 19
8,700	90,700	Alabama Gas Corp	2	38⅝	Sale	34½	34⅞	37	Sale	34¼ Dec 10	37 Dec 31	33 Jun 25	40½ Mar 26
37,200	550,600	Alco Products Inc	1	19¼	Sale	17¾	Sale	19⅞	Sale	17¾ Dec 3	20⅛ Dec 27	14¾ Oct 24	22⅜ Apr 4
198,758	246,458	Aldens Inc common	5	39	Sale	34⅞	Sale	28¼	Sale	28¼ Dec 31	34⅞ Dec 3	24½ July 25	39 Jan 2
220	2,350	4½% preference	100	90¾	92	91	Sale	91	91½	89⅞ Dec 4	91⅛ Dec 6	89⅞ Dec 4	94½ May 16
241,300	1,578,400	Alleghany Corp common	1	11	Sale	10½	Sale	11¼	Sale	10⅛ Dec 3	12 Dec 13	5¾ May 29	12¼ Mar 20
22,400	153,100	6% conv preferred	10	37½	Sale	32½	Sale	34½	36	30¾ Dec 3	39 Dec 26	19 Jun 14	41 Jan 5
55,700	608,500	Allegheny Ludlum Steel	1	48½	Sale	34½	Sale	33¼	Sale	31 Dec 11	35¼ Dec 4	27⅛ Sep 27	48½ Jan 2
31,000	600,100	Allegheny Power System	5	49	Sale	48⅛	Sale	48¾	Sale	47 Dec 11	48¾ Dec 27	39⅛ May 28	53⅜ Apr 19
90	2,820	Alleg & West RR 6% gtd	100	90¾	93	94	95	92	93	90 Dec 18	96 Dec 10	88¼ Aug 30	96 Dec 10
3,800	116,700	Allen Industries Inc	1	19¾	Sale	20⅛	20⅜	19⅜	Sale	19⅜ Dec 11	20⅜ Dec 5	16½ May 29	23½ Mar 2
341,600	3,454,300	Allied Chemical Corp	9	55⅝	Sale	42⅝	Sale	44¼	Sale	41¼ Dec 5	44½ Dec 27	34¼ Oct 24	57 Jan 4
9,900	140,400	Allied Kid Co	5	16⅜	Sale	13⅛	Sale	13⅛	Sale	12⅝ Dec 10	13⅛ Dec 3	12 July 5	17¼ Feb 15
10,300	82,700	Allied Mills Inc	*	42	Sale	39¾	Sale	40	Sale	38½ Dec 11	41 Dec 28	34⅞ May 29	44⅞ Jan 31
26,100	208,000	Allied Products Corp	5	7½	Sale	6⅞	Sale	7	Sale	6¾ Dec 4	7½ Dec 24	6⅛ Jun 25	9¼ Feb 5
48,900	423,700	Allied Stores Corp com	*	65⅜	Sale	51½	Sale	49¼	Sale	48⅝ Dec 28	52⅜ Dec 6	45⅛ Oct 26	66⅞ Feb 6
530	15,730	4% preferred	100	81¾	Sale	86	87	87½	89	86½ Dec 13	87½ Dec 24	81½ Jan 3	88 Jun 4
61,500	661,200	Allied Supermarkets Inc	1	15⅞	Sale	12¼	Sale	11¾	Sale	11¾ Dec 24	12¾ Dec 5	9¾ Oct 23	16¼ Jan 31
266,600	1,827,800	Allis-Chalmers Mfg com	10	21⅛	Sale	15½	Sale	14⅝	Sale	14 Dec 19	15⅝ Dec 3	12½ Oct 24	23 Jan 4
1,700	15,010	4.08% conv preferred	100	100	Sale	88½	Sale	89	Sale	88 Dec 3	89 Dec 31	81¼ July 5	100½ Mar 7
47,000	602,800	Alpha Portland Cement	10	28¾	Sale	19¼	Sale	16⅝	Sale	16⅛ Dec 19	19¼ Dec 3	14⅞ Oct 24	30⅜ Jan 12
47,100	960,200	Alside Inc	*	32½	Sale	31¼	Sale	26¼	Sale	26¼ Dec 31	31⅝ Dec 3	16⅝ Oct 24	49¾ Mar 20
460,100	3,836,600	Aluminium Ltd	*	28	Sale	22¾	Sale	20⅛	Sale	19⅝ Dec 18	22¾ Dec 3	17½ Jun 25	28½ Jan 4
132,300	1,341,980	Aluminum Co of America	1	65½	Sale	55	Sale	54⅝	Sale	51¼ Dec 18	56¼ Dec 5	45 Jun 25	68½ Mar 23
9,100	68,200	Amalgamated Sugar Co	*	19½	Sale	19½	Sale	23	Sale	19½ Dec 3	23 Dec 31	16½ Jun 22	23 Dec 31
29,500	394,900	Amerace Corp	12.50	31	Sale	23	Sale	22¼	Sale	22 Dec 24	24⅝ Dec 5	18 May 29	34 Feb 9
150,500	2,104,600	Amerada Petroleum	*	113½	Sale	115	Sale	113⅝	Sale	111½ Dec 24	118¼ Dec 5	84⅞ Jun 25	134¼ Feb 15
22,800	422,900	Amer Agri Chem (Del)	*	28¼	Sale	27⅛	Sale	23⅞	Sale	23½ Dec 24	27⅛ Dec 3	20⅛ Jun 15	31 Mar 1
166,500	1,498,900	American Airlines com	1	22	Sale	18⅜	Sale	18⅜	Sale	17⅝ Dec 18	18¾ Dec 13	15⅜ Oct 24	23⅞ Jan 23
200	9,900	3½% conv preferred	100	110	Sale	97	100	98	103	97½ Dec 17	98 Dec 27	90 Jun 26	114 Feb 16
82,800	646,200	American Bakeries Co	*	38⅝	Sale	17⅞	Sale	18	Sale	17¼ Dec 12	18⅞ Dec 5	16⅝ Oct 18	40¼ Jan 4
4,400	‡31,500	American Bank Note com	5	--	--	26½	Sale	29½	Sale	26 Dec 13	30 Dec 31	‡22½ Oct 25	30 May 18
320	4,160	6% preferred	50	62	Sale	62	63½	61	62½	60 Dec 21	63 Dec 4	59 July 19	65 Apr 4
58,900	904,400	Amer Bosch Arma Corp	2	16¾	Sale	14⅞	Sale	13½	Sale	13⅜ Dec 28	15 Dec 5	11 Oct 18	18⅝ Jan 4
21,700	223,500	Amer Brake Shoe Co	*	47⅜	Sale	47¾	Sale	49	Sale	46⅜ Dec 21	49 Dec 6	41 Jun 25	53¼ Apr 25
73,500	997,300	Amer Broadcasting-Paramount Theatres Inc	1	44½	Sale	33¾	Sale	34	Sale	32⅝ Dec 3	36⅜ Dec 21	22¾ Jun 25	47½ Feb 19
108,900	1,517,700	American Can common	12.50	46½	Sale	44¾	Sale	45¾	Sale	44¼ Dec 18	45⅞ Dec 31	38⅛ May 29	47¼ Feb 19
7,500	153,600	7% preferred	25	38⅜	Sale	41	Sale	40½	41	40¼ Dec 5	41¼ Dec 18	38¼ July 5	41⅞ Mar 9
2,700	69,100	American Chain & Cable	*	47⅞	Sale	48	Sale	47¼	Sale	47¼ Dec 13	49 Dec 6	41 Jun 27	50¼ Mar 26
22,800	259,200	Am Commerc Barge Line	3	24⅜	Sale	19¾	Sale	21¼	Sale	19¾ Dec 3	22 Dec 18	18⅛ Oct 1	24¾ Jan 17
9,000	159,000	American Consumer Indus	*	27¼	Sale	23	24	24½	Sale	22½ Dec 13	24½ Dec 31	20 Oct 23	34¼ Feb 13
1,600	23,400	Amer-Crystal Sugar com	10	51¼	52	37½	38½	41½	Sale	39 Dec 4	42 Dec 27	31½ May 29	51¾ Jan 5
90	1,610	4½% prior preferred	100	84	87	92	93	93⅛	Sale	93 Dec 5	94 Dec 21	84 Jan 3	94 Dec 21
184,100	2,508,400	Amer Cyanamid Co	10	43⅜	Sale	46½	Sale	49⅜	Sale	46 Dec 6	50 Dec 26	35⅛ Jun 25	50 Dec 26
22,800	204,200	American Distilling Co	10	55	Sale	39⅜	Sale	38	Sale	37 Dec 10	40⅞ Dec 5	31 Jun 25	55⅞ Jan 2
212,300	‡363,300	American Elec Power	6.50	--	--	32⅝	Sale	35⅝	Sale	32 Dec 18	35⅞ Dec 31	‡28⅞ Oct 24	35⅞ Dec 31
89,200	737,300	American Enka Corp	5	45⅝	Sale	61⅜	Sale	57⅝	Sale	56¼ Dec 19	64¼ Dec 4	36 Jun 14	64¼ Dec 4
19,100	404,100	Amer Export Lines Inc	40c	18⅛	Sale	20	Sale	17⅝	Sale	17¼ Dec 26	20 Dec 3	12¾ May 29	20¾ Mar 5
47,800	967,400	Amer & Foreign Power	*	9¾	Sale	9⅛	Sale	9	Sale	8⅝ Dec 17	9⅜ Dec 3	8¼ Oct 18	10⅞ Jan 16
29,000	268,300	Amer Hardware Corp	12.50	39¾	Sale	36½	Sale	36¼	Sale	35½ Dec 27	37½ Dec 5	25¼ Jun 25	40½ Feb 8
230,300	1,317,800	American Home Products	1	79	Sale	51½	Sale	52⅝	Sale	51 Dec 21	54⅜ Dec 10	44⅛ Oct 1	79 Jan 2
123,000	1,533,800	Amer Hospital Supply	*	28	Sale	21⅜	Sale	22	Sale	21¼ Dec 3	23¾ Dec 14	17 May 29	33¾ Feb 8
4,400	58,500	American International	1	17¾	18¼	14⅝	15	14½	Sale	14¼ Dec 26	15¼ Dec 4	13¾ May 29	19⅜ Feb 13
19,700	227,500	Amer Invest Co of Ill com	1	24⅛	Sale	19⅞	Sale	20¼	Sale	19⅝ Dec 4	20½ Dec 26	18¼ Jun 28	24⅞ Jan 5
---	2,300	5¼% prior preferred	100	103¼	Sale	105	107	104	107	-- ------	-- ------	101 Mar 20	106½ Nov 12
483,600	5,075,060	Amer Mach & Foundry— Common	1.75	42	Sale	20⅞	Sale	20½	Sale	19¼ Dec 18	22¼ Dec 5	15⅝ Oct 24	42½ Jan 2
70	1,840	3.90% preferred	100	83	Sale	80	Sale	80	83	80 Dec 3	82 Dec 20	79½ Sep 7	86 Mar 19
114,500	1,444,200	Amer Metal Climax Inc	1	39¼	Sale	31½	Sale	31	Sale	29⅞ Dec 14	33⅛ Dec 6	24½ Oct 23	40 Jan 2
15,000	39,800	4¼% conv preferred	100	--	--	105	105⅜	102	Sale	102 Dec 28	105⅜ Dec 4	97 Sep 5	105⅜ Nov 29
35,000	240,600	American Metal Products	2	16¼	Sale	15⅝	Sale	14½	Sale	14 Dec 19	15⅝ Dec 3	12⅝ Oct 24	18⅜ Mar 13
5,300	‡65,400	American Meter Co	*	--	--	26½	Sale	27	Sale	26¼ Dec 3	27⅞ Dec 17	‡22⅝ Jun 27	30¼ Apr 19
328,600	4,810,700	American Motors	1.66⅔	17¼	Sale	16½	Sale	16¼	Sale	16 Dec 28	17⅝ Dec 5	11⅞ May 29	18⅜ Sep 18
63,900	1,055,900	American Natural Gas	10	46	Sale	40⅜	Sale	41⅝	Sale	38¾ Dec 4	41⅝ Dec 24	30½ Oct 24	53 Apr 23
23,900	264,700	American News Co	*	46	Sale	25¼	Sale	23½	Sale	23⅛ Dec 18	26⅞ Dec 4	20 Oct 24	46 Jan 2
5,300	152,800	American Optical Co	1	73¾	Sale	63⅜	Sale	61¼	Sale	60 Dec 18	65 Dec 4	48¼ May 29	73¾ Jan 2
269,200	4,671,500	Amer Photocopy Equip	*	30⅞	Sale	13	Sale	11¾	Sale	11½ Dec 18	13⅜ Dec 5	8¼ Oct 24	32⅛ Jan 2
58,900	543,100	Amer Potash & Chemical	*	53⅞	Sale	31	Sale	31	Sale	29¾ Dec 10	33¾ Dec 5	24 Oct 24	54¾ Jan 4
162,100	2,164,600	Am Radiator & Stand San	5	16	Sale	13⅜	Sale	12¾	Sale	12½ Dec 14	13⅜ Dec 3	12 Oct 24	18¼ Jan 25
10	2,880	7% preferred	100	142½	Sale	147	148½	147½	150	148¼ Dec 27	148¼ Dec 27	142½ Jan 2	152½ May 16
37,200	71,110	Am Research & Dev Corp	1	26⅛	Sale	17½	Sale	15¾	Sale	15¾ Dec 26	19⅛ Dec 4	14 Oct 22	30⅞ Mar 15
23,000	198,300	American Seating Co	10	37¾	Sale	28	Sale	30¼	Sale	27¾ Dec 3	30¾ Dec 20	23⅞ Oct 26	40⅜ Feb 7
22,300	154,500	American Ship Building	*	17¾	Sale	12⅛	Sale	9½	Sale	9⅜ Dec 31	13¾ Dec 4	8⅝ May 29	18½ Jan 17
28,800	552,400	Amer Smelt'g & Refin'g	*	63	Sale	54⅝	Sale	57	Sale	53½ Dec 17	58 Dec 28	48⅝ July 18	65 May 4
2,510	29,270	7% preferred	100	142¾	Sale	150	Sale	151	Sale	148¼ Dec 5	152 Dec 31	142 Jan 2	152 Apr 24
4,800	‡57,200	American Snuff Co com	8⅓	--	--	23¼	Sale	21¾	Sale	21¾ Dec 31	23⅞ Dec 7	‡20½ Nov 1	30⅞ May 8
130	2,640	6% non-cum preferred	100	122	123	124	127	125	127½	124¼ Dec 10	126 Dec 27	122 Jan 3	133½ Apr 11
54,300	818,100	Amer-So African Inv Co Ltd	£1	21¼	Sale	28⅛	Sale	26¾	Sale	25⅝ Dec 18	28⅛ Dec 3	20⅞ Feb 27	33¼ July 18
20,300	259,600	Amer Sugar Refin com	25	34⅝	Sale	37	Sale	40	Sale	35⅝ Dec 11	40¾ Dec 27	29⅜ May 29	43¼ Mar 2
19,700	203,000	7% preferred	25	34	Sale	36	Sale	38⅛	Sale	35½ Dec 10	38⅛ Dec 31	32 Jan 17	38⅛ Dec 31
499,470	8,895,370	American Tel & Tel	33⅓	136¼	Sale	114⅝	Sale	116¾	Sale	113¼ Dec 3	119⅛ Dec 10	98⅛ May 29	136¼ Jan 2
267,000	‡2,600,100	American Tobacco— Common	6.25	--	--	30⅝	Sale	29⅜	Sale	28⅞ Dec 10	30⅝ Dec 3	‡25⅛ Oct 24	44⅜ Apr 5
2,560	40,000	6% preferred	100	127	Sale	128½	Sale	128	Sale	126¾ Dec 17	129½ Dec 4	123 July 2	134⅜ Feb 19
252,000	2,760,600	American Viscose Corp	25	52⅞	Sale	59⅞	Sale	60⅝	Sale	58 Dec 6	63¼ Dec 27	42½ Jun 25	63¼ Dec 27

For footnotes, see page 29

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
6,200	122,000	Amer Water Works Co com	5	24½	Sale	21½	21¾	22¼	Sale	20⅞ Dec 18	22⅜ Dec 31	20 May 29	25¼ Mar 19
1,500	23,450	6% preferred	25	28½	Sale	27	Sale	26⅞	27	26⅞ Dec 10	27 Dec 3	25 Jun 25	29 Jan 8
80	13,260	5½% preferred	25	25¼	Sale	25½	26	25¾	Sale	25½ Dec 18	25¾ Dec 31	25 Aug 10	27½ Oct 31
250	3,505	5% preferred	25	—	—	24½	26	25	26	24½ Dec 11	26 Dec 17	23 Jan 19	26¾ Oct 17
1,500	27,600	5% preference	25	—	—	24¼	Sale	24	24½	24 Dec 4	24½ Dec 17	22½ Aug 29	24¾ Aug 21
20,300	228,200	Amer Zinc Lead & Smelt	1	15½	Sale	12⅝	Sale	13⅛	Sale	12⅝ Dec 3	14½ Dec 13	10 Jun 27	15¾ Feb 15
3,800	90,800	Ametek Inc	*	48	Sale	46½	Sale	47	Sale	46⅛ Dec 17	48 Dec 6	39 Oct 26	54 Mar 30
40,200	759,400	AMP Inc endorsed shares	1	30½	Sale	26⅜	Sale	25¾	Sale	24⅞ Dec 28	27¾ Dec 10	17 Jun 25	33⅞ Mar 29
346,500	3,291,400	Ampex Corp	1	19⅞	Sale	17⅝	Sale	16½	Sale	16¼ Dec 19	18¼ Dec 4	10 May 28	20⅝ Jan 4
58,200	646,900	Amphenol-Borg Elect Corp	1	35¼	Sale	22¼	Sale	21⅜	Sale	19⅝ Dec 28	22⅞ Dec 5	16¾ Oct 24	37½ Jan 15
33,200	437,900	Amsted Industries Inc	1	37⅝	Sale	29⅝	Sale	30¼	Sale	28⅞ Dec 14	30½ Dec 31	23¼ May 29	37⅝ Jan 2
162,100	1,500,100	Anaconda Co	50	49¼	Sale	41⅝	Sale	40½	Sale	40¼ Dec 24	42⅜ Dec 5	35¾ Oct 22	52⅝ Jan 4
6,510	46,020	Anaconda Wire & Cable	*	34¼	Sale	29	Sale	26½	Sale	26 Dec 28	29¾ Dec 3	23½ Jun 28	37 Jan 4
44,000	391,000	Anchor Hock Glass com	6.25	36½	Sale	29¾	Sale	28⅜	Sale	28¼ Dec 31	30¼ Dec 3	25¾ Oct 26	37⅜ Jan 4
150	1,570	$4 preferred	*	91½	93	93	94½	92	93½	92 Dec 27	94½ Dec 7	91 Jun 27	95 May 16
7,200	164,300	Anderson Clayton & Co	21⅘	46¾	Sale	38⅛	38½	37¼	Sale	37 Dec 18	38¾ Dec 10	34⅜ Sep 26	49⅞ Feb 9
152,400	289,800	Anken Chemical Film Cp	20c	—	—	42¾	Sale	37⅝	Sale	37⅜ Dec 28	44⅝ Dec 5	36¾ Nov 19	44⅝ Dec 5
53,500	658,300	Apco Oil Corp	1	23⅛	Sale	15⅞	Sale	16	Sale	15¼ Dec 3	17 Dec 5	11 Jun 25	24⅝ Feb 8
20,500	261,400	Archer-Daniels-Midland	*	36¼	Sale	39½	Sale	41¾	Sale	38¾ Dec 4	42¼ Dec 31	33 Jun 25	42¼ Dec 31
97,600	1,128,700	Arizona Public Service	2.50	37⅝	Sale	30½	Sale	30⅜	Sale	28½ Dec 10	30⅞ Dec 27	23½ Jun 25	38⅞ Feb 5
148,700	1,498,500	Armco Steel Corp	10	70¼	Sale	52¾	Sale	51⅞	Sale	49½ Dec 11	53¾ Dec 5	40 Oct 22	71¾ Mar 15
91,200	1,270,100	Armour & Co	5	51¼	Sale	41¼	Sale	43⅝	Sale	40 Dec 10	44½ Dec 27	32 Oct 24	57¼ Feb 16
33,500	536,200	Armstrong Cork Co com	1	71¼	Sale	64¼	Sale	67¼	Sale	63 Dec 11	67⅜ Dec 31	47½ Jun 25	73¾ Apr 23
900	9,060	$3.75 preferred	*	82½	Sale	88	Sale	87¾	89½	86½ Dec 16	88 Dec 3	82½ Jan 2	89¼ Jun 7
15,000	225,800	Armstrong Rubber Co	1	44	Sale	34	Sale	34	Sale	34 Dec 3	36½ Dec 10	25½ Oct 24	47 Mar 22
2,290	8,790	Arnold Constable Corp	5	17½	Sale	10¼	Sale	10½	Sale	9½ Dec 24	11¼ Dec 14	9½ Oct 30	18 Jan 12
4,300	92,500	Aro Corp	2.50	22	Sale	18¼	Sale	17¼	Sale	17 Dec 24	18¼ Dec 3	15⅞ Oct 25	23⅜ Apr 16
16,700	238,700	Arvin Industries Inc	2.50	32⅝	Sale	26⅞	Sale	26½	Sale	25¼ Dec 17	27⅝ Dec 5	20½ Jun 15	33½ Feb 26
34,600	657,900	Ashland Oil & Refining	1	27	Sale	24⅞	Sale	25⅞	Sale	24⅝ Dec 3	25⅞ Dec 31	19¾ May 29	28⅝ Feb 20
24,000	194,500	Associated Brewing Co	5	3⅜	Sale	2⅜	Sale	2½	Sale	2⅜ Dec 3	2⅝ Dec 20	2¼ Oct 25	3⅞ Mar 30
		Associated Dry Goods—											
38,400	‡270,000	Common	50c	—	—	46	Sale	45¼	Sale	44¾ Dec 4	47⅝ Dec 6	‡37⅝ Oct 1	47⅞ Nov 21
470	7,480	5.25% 1st preferred	100	105¾	Sale	108	109	109½	Sale	108 Dec 4	109½ Dec 26	105¼ Jan 2	110½ Jun 22
22,500	298,200	Associates Investment Co	10	79¾	Sale	63½	Sale	61	Sale	60¼ Dec 19	64¼ Dec 3	52 Sep 27	80⅛ Jan 2
		Atchison Top & San Fe—											
175,400	2,132,600	Common	10	27⅛	Sale	25¼	Sale	25¼	Sale	24 Dec 11	25½ Dec 5	20½ Aug 6	27⅝ Jan 16
42,700	514,600	5% non-cum preferred	10	10¼	Sale	10⅜	Sale	10½	Sale	10¼ Dec 26	10⅞ Dec 21	9¾ Aug 2	10⅞ Dec 21
		Atlantic City Electric—											
15,600	254,000	Common	4⅓	48½	Sale	42⅞	Sale	43½	Sale	40⅜ Dec 14	43¾ Dec 26	34¼ May 28	49½ Jan 4
180	2,620	4% preferred	100	85¾	87½	86¼	Sale	89⅛	Sale	86 Dec 3	89¾ Dec 19	85 Oct 10	91⅜ Apr 6
32,300	267,900	Atlantic Coast Line RR	*	41½	Sale	44½	Sale	47½	Sale	44½ Dec 3	47½ Dec 21	31⅝ Jun 27	47½ Dec 21
57,600	818,300	Atlantic Refining com	10	54⅜	Sale	48⅝	Sale	48⅜	Sale	48 Dec 19	50 Dec 4	41½ Oct 24	57⅝ Feb 15
1,250	23,380	$3.75 pfd series B	100	82	Sale	86¼	Sale	88	Sale	85½ Dec 4	88 Dec 20	81¼ Jan 3	88 Nov 16
144,300	720,100	Atlas Chem Industries Inc	1	24¼	Sale	15¾	Sale	15	Sale	13⅞ Dec 19	16 Dec 5	12⅞ Nov 1	25½ Feb 5
227,200	1,861,500	Atlas Corporation com	1	2¾	Sale	2¼	Sale	2	Sale	2 Dec 27	2⅜ Dec 3	2 Jun 29	3 Feb 23
7,400	218,900	5% preferred	20	11½	Sale	14¾	Sale	15	Sale	14¾ Dec 3	15⅛ Dec 10	11⅛ Jan 17	15½ Sep 20
16,900	74,100	Austin Nichols & Co com	*	17¾	Sale	18	Sale	18⅜	Sale	17¾ Dec 3	20⅝ Dec 7	12½ Jun 15	20⅝ Dec 7
700	10,300	$1.20 conv prior pref	*	24	Sale	24½	26½	26½	28	24½ Dec 4	27½ Dec 18	21 July 23	27½ Dec 18
192,300	2,223,800	Automatic Canteen	2.50	31½	Sale	14⅝	Sale	14¼	Sale	13 Dec 24	15 Dec 5	9¾ Oct 24	31¾ Jan 2
288,900	6,682,600	Avco Corp	3	24⅜	Sale	24½	Sale	25⅛	Sale	24 Dec 3	25¾ Dec 5	16¾ May 29	28⅞ Feb 13
134,900	1,802,000	Avnet Electronics Corp	5c	28¾	Sale	20½	Sale	21¼	Sale	19¼ Dec 11	22¾ Dec 27	14 Jun 25	30⅜ Mar 29
35,200	591,600	Babbitt (B T) Inc	1	5⅜	Sale	5⅝	Sale	5⅜	Sale	5⅛ Dec 20	6¼ Dec 4	4½ May 29	8⅛ Mar 12
36,500	653,700	Babc'k & Wilcox Co (The)	9	54¾	Sale	47⅝	Sale	49⅛	Sale	47⅛ Dec 13	52 Dec 4	37⅛ Jun 26	58½ Feb 9
60,300	1,422,900	Baker Oil Tools Inc	1	10¾	Sale	12⅝	Sale	12½	Sale	12 Dec 18	13¾ Dec 5	10 May 29	17 Mar 20
83,300	1,488,000	Baldwin-Lima-Hamilton	13	14⅞	Sale	14	Sale	13⅛	Sale	12½ Dec 19	14¼ Dec 4	11⅛ Jun 25	19⅛ Apr 19
		Baltimore Gas & Elec Co—											
94,000	657,400	Common	*	36¾	Sale	31⅜	Sale	32⅝	Sale	31 Dec 4	33¼ Dec 24	27⅛ Jun 27	37½ Mar 28
1,160	15,570	4½% preferred ser B	100	99¾	Sale	101	Sale	100¾	Sale	100¼ Dec 3	102 Dec 10	98¼ Jan 5	104½ Mar 5
440	5,140	4% preferred series C	100	86⅛	Sale	89	91	89½	Sale	87 Dec 21	89¾ Dec 11	85½ Jan 4	94¾ Mar 9
16,300	149,900	Baltimore & Ohio com	100	24¾	Sale	26¼	Sale	28	Sale	26⅛ Dec 3	28 Dec 31	18½ Oct 23	33⅜ Feb 1
31,100	194,600	Stamped	100	22¾	Sale	24⅜	Sale	27⅝	Sale	22⅝ Dec 19	27¾ Dec 31	17 Jun 14	30⅜ Jan 25
3,500	36,700	4% non-cum pfd	100	36⅛	Sale	40⅝	Sale	46¼	Sale	39½ Dec 14	46¼ Dec 31	30 Oct 29	48⅜ Feb 19
19,500	202,600	Preferred stamped	100	37	Sale	40⅝	Sale	47⅜	Sale	40⅝ Dec 3	47⅜ Dec 31	29⅛ Oct 3	48¾ Feb 9
9,800	136,500	Bangor & Aroostook Corp	1	19¼	Sale	13	Sale	12¼	Sale	12¼ Dec 31	14¼ Dec 5	9½ Oct 19	22⅝ Feb 21
5,600	155,400	Barber Oil Corp	10	65	Sale	73¾	Sale	71	Sale	71 Dec 27	74½ Dec 7	60 Jun 25	85¾ Mar 8
18,300	166,700	Basic Inc common	1	20	Sale	11½	Sale	9⅞	Sale	9¾ Dec 31	11¾ Dec 5	8½ Oct 24	20⅞ Jan 5
2,660	13,910	5% conv preferred	50	—	—	42½	Sale	39½	Sale	38¾ Dec 24	42½ Dec 3	38¾ Dec 24	52¼ Apr 30
17,000	116,700	Basic Products Corp	1	23¼	Sale	13⅛	Sale	13½	Sale	12¾ Dec 5	14 Dec 18	12¼ Nov 13	23⅜ Jan 4
10,900	127,700	Bath Iron Works Corp	10	55	Sale	42¾	Sale	40¾	Sale	40¾ Dec 28	46 Dec 7	36 Oct 22	59 Jan 19
19,000	161,800	Bausch & Lomb Inc	10	36¼	Sale	27⅞	Sale	26⅞	Sale	24½ Dec 18	28¼ Dec 5	22 Oct 23	37 Jan 2
79,800	618,500	Baxter Labs Inc	1	33⅜	Sale	26⅜	Sale	24	Sale	24 Dec 28	27⅜ Dec 4	18½ May 29	34⅜ Jan 11
14,700	168,800	Bayuk Cigars Inc	*	49½	Sale	43	Sale	42½	Sale	41⅝ Dec 3	44½ Dec 6	36¾ Oct 24	61 Feb 26
17,700	273,000	Beam (James B) Distilling	2	—	—	39½	Sale	38⅛	Sale	37¾ Dec 5	39¾ Dec 14	29½ Jun 27	52¼ Jan 29
30,500	264,100	Beatrice Foods Co com	12.50	70½	Sale	56½	Sale	58⅛	Sale	56 Dec 3	63½ Dec 10	44¼ Jun 25	71 Jan 2
510	4,490	4½% preferred	100	98½	99¾	100¼	101¼	100	Sale	100 Dec 13	100¾ Dec 18	96½ Mar 28	101 May 21
31,100	648,100	Beaunit Corp	2.50	23½	Sale	20¾	Sale	20⅞	Sale	20¼ Dec 21	21⅝ Dec 6	17⅞ Oct 24	29⅛ Mar 1
95,300	1,950,200	Beckman Instruments Inc	1	152½	Sale	104¼	Sale	105⅝	Sale	101 Dec 18	109¼ Dec 5	62⅛ Jun 14	152¾ Jan 2
460	4,340	Beck Shoe 4¾% pfd	100	85¼	87	63	Sale	65	Sale	63 Dec 3	66 Dec 12	54¼ Nov 16	95 Feb 19
85,900	682,800	Beech Aircraft Corp	1	19¼	Sale	16½	Sale	15½	Sale	14⅝ Dec 14	17¼ Dec 6	11⅞ Jun 28	22⅜ Jan 22
230	2,690	Beech Creek RR Co	50	32½	33	32	33	34	Sale	33 Dec 5	34 Dec 26	31½ Jun 5	35 Apr 26
50,900	‡240,300	Beech-Nut Life Savers	5	—	—	35	Sale	35¼	Sale	34½ Dec 3	36⅝ Dec 17	‡29¼ Sep 27	36⅝ Dec 17
36,400	292,500	Belco Petroleum Corp	1	—	—	14⅜	Sale	13¼	Sale	12⅝ Dec 24	14⅞ Dec 7	11⅞ Oct 24	16⅛ Jun 8
3,100	99,900	Belding-Hemingway	1	18⅞	Sale	18⅛	Sale	20	20½	18⅛ Dec 3	20 Dec 27	14¼ May 29	22¾ Feb 9
8,800	103,200	Bell & Gossett Co	2	—	—	13¾	Sale	13⅛	Sale	12½ Dec 24	13¾ Dec 3	11¾ Oct 24	19¼ Feb 26
202,600	2,059,600	Bell & Howell Co	5	49½	Sale	23¼	Sale	22⅞	Sale	21⅜ Dec 18	25¼ Dec 6	15⅝ Oct 24	50½ Jan 4
45,600	384,900	Bell Intercontinental Corp	1	11	Sale	9⅛	Sale	9⅛	Sale	8⅜ Dec 24	9¼ Dec 6	7⅛ Jun 25	12⅛ Feb 14
63,000	813,500	Bendix Corp	5	66¾	Sale	55¼	Sale	54¾	Sale	51¾ Dec 24	56⅞ Dec 5	48 Sep 27	75¾ Jan 31
40,500	961,050	Beneficial Finance Co com	1	51¼	Sale	53⅝	Sale	51⅜	Sale	50⅛ Dec 24	53⅝ Dec 3	34¼ Jun 25	55⅞ Mar 15
900	21,900	5% preferred	50	51	Sale	52	53½	51½	51½	51¼ Dec 20	52½ Dec 17	49¼ July 16	52½ Jan 15
1,100	44,350	$4.50 conv pfd	100	121⅛	125	119	123	114½	116	113½ Dec 21	118½ Dec 18	108⅛ Jun 15	128¼ Mar 23
141,100	3,221,600	Benguet Consol Min	2 pesos	1¼	Sale	1¼	Sale	1¼	Sale	1⅛ Dec 3	1⅜ Dec 13	1⅛ Jan 2	1¾ Feb 20
5,600	65,400	Best & Co Inc	1	40½	Sale	32½	Sale	32	Sale	32 Dec 18	34¼ Dec 7	27¼ Oct 26	42 Feb 5
39,300	432,200	Bestwall Gypsum Co	40c	42	Sale	29⅞	Sale	26¾	Sale	25⅛ Dec 18	29⅞ Dec 3	22⅜ Oct 24	47⅜ Mar 15
		Bethlehem Steel Corp—											
646,700	7,069,400	Common	5	43¼	Sale	31⅞	Sale	28⅝	Sale	28⅝ Dec 21	31⅞ Dec 3	27⅛ Oct 22	43¾ Jan 3
6,900	54,700	7% preferred	100	142¼	Sale	148¼	148½	150¾	Sale	146½ Dec 4	151 Dec 28	140¾ July 24	152¼ Apr 24
19,000	401,900	Bigelow-Sanford common	5	23¼	Sale	22	Sale	21¼	Sale	20¼ Dec 28	22⅞ Dec 5	16½ Jun 15	27¼ Mar 14
110	2,830	4½% pfd ser of 1951	100	79	80	86⅜	Sale	87	87½	86 Dec 3	87½ Dec 11	79¾ Jan 3	87½ Nov 12
14,500	198,000	Black & Decker Mfg Co	50c	55¼	Sale	53	Sale	52	Sale	49½ Dec 18	55 Dec 6	40½ Jun 25	64 Mar 19
24,600	324,100	Blaw-Knox Co	10	37¾	Sale	27⅛	Sale	27⅜	Sale	25 Dec 20	27½ Dec 31	22⅜ Oct 31	39⅝ Jan 2
9,900	86,300	Bliss & Laughlin Inc	2.50	25¾	Sale	23⅞	Sale	22¼	Sale	21⅝ Dec 31	24 Dec 4	‡20 Oct 31	26⅞ Feb 7
44,700	‡769,500	Bliss (E W) Co	50c	—	—	13	Sale	12½	Sale	11½ Dec 24	13⅛ Dec 5	‡10 Oct 19	18½ May 2
45,200	‡475,100	Bobbie Brooks Inc	*	—	—	21⅛	Sale	23½	Sale	21 Dec 3	24¼ Dec 7	‡18 Oct 24	24¼ Dec 7
254,900	3,438,400	Boeing Co (The)	5	50½	Sale	38¾	Sale	37⅛	Sale	36½ Dec 19	40¼ Dec 5	35⅛ May 29	56⅝ Feb 1
2,700	125,600	Bohn Alum & Brass Corp	5	28⅝	Sale	34	Sale	30⅝	Sale	30½ Dec 12	34 Dec 3	26 Jan 29	37¼ Apr 5
8,800	259,700	Bond Stores Inc	1	21¼	Sale	19⅜	Sale	18¾	Sale	18⅛ Dec 28	19¾ Dec 4	16 Sep 25	21⅜ Jan 5
		Book-of-the-Month											
6,500	84,100	Club Inc	1.25	23½	Sale	24⅜	Sale	21¾	Sale	21¼ Dec 26	24¾ Dec 11	19½ Jun 25	28⅞ Mar 12
59,000	635,500	Borden Co (The)	7.50	69⅞	Sale	56½	Sale	57¾	Sale	55 Dec 3	57¾ Dec 13	41⅜ Jun 25	70 Jan 2
59,300	974,800	Borg-Warner Corp com	5	47⅝	Sale	41	Sale	42¼	Sale	40¼ Dec 11	42½ Dec 5	34¼ Oct 24	48⅜ Jan 3
90	3,140	3½% preferred	100	70⅜	80	83	84½	84½	85	84½ Dec 18	84½ Dec 18	79 Jan 15	84½ May 24
48,200	760,600	Borman Food Stores Inc	1	21⅝	Sale	11½	Sale	10⅝	Sale	10½ Dec 28	11⅞ Dec 7	9⅝ Oct 22	22⅛ Jan 2
28,300	‡193,200	Boston Edison Co	10	—	—	33¾	Sale	36¼	Sale	33⅜ Dec 3	36¾ Dec 21	‡29⅛ May 29	36¾ Dec 21
20,400	78,100	Boston & Maine RR com	*	4	4¼	4⅛	Sale	3⅝	Sale	3 Dec 28	4¼ Dec 5	2¾ July 5	4⅞ Feb 6
9,300	61,600	5% preferred	100	8	Sale	7½	Sale	6	Sale	5¼ Dec 28	7½ Dec 3	4¼ Jun 28	9¾ Jan 22
18,600	95,700	Brach (E J) & Sons	*	—	—	31¼	Sale	34¾	Sale	31⅛ Dec 4	35 Dec 27	25⅜ Oct 25	35 Dec 27
106,100	716,300	Braniff Airways Inc	2.50	9⅜	Sale	10½	Sale	10½	Sale	10 Dec 11	11¼ Dec 6	7¼ Jun 25	11⅞ Feb 7
49,200	249,500	Briggs Manufacturing	3.50	60¾	Sale	4	Sale	5¼	Sale	3⅞ Dec 7	5¼ Dec 31	3⅞ Oct 23	8⅝ Mar 13
23,800	‡82,100	Briggs & Stratton	3	—	—	36⅞	Sale	37	Sale	36⅜ Dec 3	38⅞ Dec 5	26¼ Oct 24	39¼ Nov 26
78,500	967,800	Bristol-Myers Co com	1	91½	Sale	81¼	Sale	88½	Sale	79¼ Dec 3	90⅜ Dec 24	60½ Jun 25	99¾ Feb 13
180	1,760	3¾% preferred	100	83	85½	89	90¾	89	91½	87 Dec 7	90¾ Dec 13	83½ Jan 4	90¾ Dec 13
20,200	323,500	Brooklyn Union Gas	10	43¼	Sale	35⅝	Sale	36¼	Sale	34¾ Dec 10	38 Dec 17	30 May 29	43⅞ Apr 23
870	7,550	5.50% preferred ser A	100	111¼	Sale	111½	112½	111¼	112	111¼ Dec 5	112½ Dec 4	109 Jun 27	116 Apr 25
4,100	53,600	Brown Shoe Inc	15	94¼	Sale	83	Sale	86	Sale	83 Dec 3	89 Dec 4	70 Jun 26	99½ Feb 26

For footnotes, see page 29.

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
998,000	8,868,200	Brunswick Corp	*	52	Sale	17¾	Sale	18⅝	Sale	17⅛ Dec 11	19⅛ Dec 26	13⅛ Oct 24	**52¾ Jan 2**
22,200	158,000	Buckeye Pipe Line Co	*	57	Sale	55½	Sale	58⅛	Sale	55½ Dec 3	58⅛ Dec 31	45½ Jun 25	**61½ Jan 25**
21,300	141,900	Buckingham Corp class A	1	—	—	29⅝	Sale	28⅜	Sale	26⅞ Dec 19	29⅝ Dec 3	23 Oct 22	30¼ Nov 28
48,900	618,100	Bucyrus Erie Co	5	18	Sale	16½	Sale	14⅞	Sale	14⅞ Dec 31	16½ Dec 3	12⅛ May 29	**21⅜ Feb 14**
80,600	1,157,500	Budd (The) Co common	5	13¼	Sale	12⅝	Sale	11¾	Sale	11½ Dec 17	12⅞ Dec 4	9½ May 29	**15¾ Feb 8**
200	6,300	$5 preferred	*	80½	82¾	80½	83	79	Sale	79 Dec 31	80½ Dec 12	79 Dec 31	**84½ Oct 4**
7,500	54,300	Buffalo Forge Co	1	39½	Sale	29	Sale	30	Sale	28 Dec 19	30 Dec 31	27¼ Oct 26	**41½ Feb 21**
21,000	356,200	Bullard Co	10	14	Sale	11½	Sale	10¼	Sale	10⅛ Dec 18	11⅝ Dec 3	8¼ Oct 31	**18½ Mar 8**
8,700	180,300	Bullock's Inc	5	58	Sale	57¼	Sale	58½	Sale	56½ Dec 10	59¼ Dec 24	44 Jun 26	61¾ Jan 29
41,800	414,300	Bulova Watch Co Inc	5	15¾	Sale	10¾	Sale	9⅝	Sale	9½ Dec 31	11¼ Dec 5	9¼ Oct 24	15⅜ Jan 2
285,800	2,476,600	Burlington Industries com	1	23½	Sale	24¾	Sale	26	Sale	24⅝ Dec 3	26¼ Dec 14	18⅜ Jun 25	26¼ Dec 14
1,710	8,750	4% preferred	100	81	Sale	84½	Sale	84½	87½	84½ Dec 3	88 Dec 13	80 Jan 18	88 Dec 13
210	620	3½% preferred	100	69	70½	73	74½	76½	79½	74½ Dec 10	78 Dec 13	70 Apr 9	78 Dec 13
140	5,300	4½% 2nd preference	100	84½	Sale	91	92½	90½	92	92 Dec 18	93½ Dec 10	84 Jan 23	93½ Dec 10
28,800	266,900	Burndy Corp	1	24¼	Sale	14⅛	Sale	14⅛	Sale	14⅛ Dec 3	15¾ Dec 10	11¾ Jun 27	24⅜ Jan 5
335,300	2,917,500	Burroughs Corp	5	42⅝	Sale	30⅜	Sale	28⅛	Sale	27⅜ Dec 18	31¾ Dec 4	24⅛ Oct 24	**53⅜ Mar 26**
12,700	96,300	Bush Terminal Co	1	22¼	Sale	20⅝	Sale	21	Sale	20¼ Dec 24	21½ Dec 19	17¼ May 29	24 Jan 26
6,200	87,300	Byers (A M) Co	33⅓	10⅞	Sale	10⅝	Sale	10	Sale	9½ Dec 24	10¾ Dec 6	8½ Oct 26	**16⅝ Mar 12**
54,000	761,300	Calif Financial Corp	1	—	—	9	Sale	8¼	Sale	7⅞ Dec 24	9¼ Dec 7	7¼ Oct 23	13½ May 21
52,200	584,000	California Packing	2.50	3¾	Sale	24⅛	Sale	24⅜	Sale	22 Dec 11	24⅜ Dec 24	**20½ Oct 23**	**32¾ Jan 2**
42,900	589,100	Callahan Mining Corp	1	7	Sale	4⅝	Sale	4¾	Sale	4⅜ Dec 18	5 Dec 4	4 May 29	**7¼ Jan 3**
33,000	348,800	Calumet & Hecla Inc	5	15½	Sale	12¾	Sale	11½	Sale	11⅛ Dec 28	12¾ Dec 3	10 Sep 25	18⅛ Feb 8
53,000	944,700	Campbell Red Lake Mines	1	15½	Sale	13⅛	Sale	12⅝	Sale	12⅜ Dec 27	13⅜ Dec 3	12⅜ Mar 28	**17⅝ July 18**
56,100	651,600	Campbell Soup Co	1.80	116⅝	Sale	95	Sale	96¾	Sale	91 Dec 10	97½ Dec 5	76 May 28	**122¼ Mar 27**
20,800	340,900	Canada Dry Corp com	1.66⅔	23⅞	Sale	22¼	Sale	21⅛	Sale	21 Dec 28	22⅜ Dec 4	18⅝ Oct 24	**27⅞ Feb 15**
50	6,170	$4.25 conv preferred	*	85	86½	91⅛	92	92	Sale	91⅜ Dec 17	93½ Dec 11	85½ Jan 12	**93½ Dec 11**
290	6,830	Canada Southern Ry Co	100	51½	52½	49	50	49½	Sale	48½ Dec 24	50 Dec 7	48¼ Nov 27	**52½ Jan 3**
36,700	‡533,400	Canadian Breweries	*	—	—	9⅝	Sale	10	Sale	9⅜ Dec 18	10 Dec 28	‡8 Jun 14	**12 Mar 9**
71,700	900,100	Canadian Pacific Ry	25	24½	Sale	22¼	Sale	23¼	Sale	22¼ Dec 3	23½ Dec 6	19⅜ Sep 28	**26 Jan 16**
8,900	219,600	Carborundum (The) Co	5	48	Sale	46⅝	Sale	45¾	Sale	44⅛ Dec 24	46⅞ Dec 3	37½ Oct 24	**56 Mar 16**
7,400	120,300	Carey (Philip) Mfg Co	10	32½	Sale	26⅞	Sale	26⅛	Sale	26⅛ Dec 11	27⅜ Dec 17	22 Oct 25	**32¾ Jan 11**
29,100	260,700	Carlisle Corp	*	13½	Sale	13⅜	Sale	14⅝	Sale	13¼ Dec 3	15 Dec 26	9 Jun 13	**15⅛ Mar 30**
620	14,150	Caro Clinch & Ohio Ry	100	97	Sale	101½	102	101⅝	102	100½ Dec 4	102 Dec 19	96 Jan 8	103 Nov 19
16,900	329,600	Carolina Power & Light	*	58¾	Sale	57	Sale	62⅜	Sale	56¾ Dec 4	64 Dec 27	45¼ Jun 25	64 Dec 27
26,800	327,800	Carpenter Steel Co	5	44⅝	Sale	35⅛	Sale	36½	Sale	32½ Dec 11	37¼ Dec 31	26⅜ Jun 28	**45⅝ Mar 14**
28,300	345,800	Carrier Corp common	10	43¾	Sale	36⅞	Sale	36⅞	Sale	36½ Dec 3	38⅞ Dec 20	30½ May 29	**44⅜ Feb 8**
470	12,480	4½% preferred	50	45¾	46¼	48	48½	48	48½	48 Dec 4	48 Dec 4	45¾ Jan 3	**49½ Sep 28**
2,700	34,500	Carriers & General Corp	1	36½	Sale	31	32	29	30	29 Dec 14	31½ Dec 5	26⅝ Oct 26	**36½ Jan 2**
23,100	405,900	Carter Products Inc	1	63½	Sale	54½	Sale	53	Sale	52½ Dec 13	56½ Dec 5	38¼ Oct 23	**77 Mar 12**
176,100	1,142,500	Case (J I) common	1	9⅛	Sale	6⅜	Sale	7⅛	Sale	5¾ Dec 18	7¼ Dec 27	4½ May 29	**9⅝ Jan 3**
4,260	28,250	7% preferred	100	61½	Sale	58½	Sale	63½	Sale	53½ Dec 19	63½ Dec 31	44 July 2	70 Jan 4
45,400	300,000	6½% 2nd preferred	7	3⅜	Sale	2⅝	Sale	3⅛	Sale	2½ Dec 13	3⅜ Dec 27	2⅛ Jun 26	**3¾ Jan 4**
162,900	1,772,800	Caterpillar Tractor com	*	38¼	Sale	36⅛	Sale	37⅜	Sale	35⅜ Dec 17	38 Dec 10	29½ Jun 25	**42½ Jan 22**
4,900	55,000	Ceco Steel Products Corp	10	28⅝	Sale	23	Sale	20	Sale	19⅝ Dec 28	23 Dec 3	18½ Nov 1	**29 Jan 10**
106,900	2,140,800	Celanese Corp of Am com	*	35¼	Sale	37⅛	Sale	38½	Sale	36 Dec 10	39 Dec 5	28½ Jun 25	**44 Mar 22**
150	3,500	7% 2nd preferred	100	126½	Sale	130½	134	132½	133⅝	128½ Dec 10	133 Dec 17	124¼ Jan 5	**137½ May 9**
13,800	139,000	4½% conv pfd ser A	100	82½	Sale	88⅛	Sale	90½	Sale	88 Dec 4	91 Dec 19	79 Jun 26	91 Dec 19
18,800	1,053,300	Celotex Corp common	1	33⅜	Sale	23¾	Sale	21⅜	Sale	21 Dec 31	23¾ Dec 5	16¼ Jun 14	**42⅜ Feb 26**
4,100	44,200	5% preferred	20	18⅞	Sale	15½	Sale	15¾	Sale	15 Dec 4	16 Dec 28	14¾ Nov 13	**20¼ Mar 2**
51,900	858,700	Cenco Instruments Corp	1	65⅞	Sale	37¾	Sale	39⅛	Sale	37½ Dec 3	42⅝ Dec 5	28¼ May 29	**68 Mar 13**
3,400	75,100	Central Aguirre Sugar Co	5	25½	25¾	20½	Sale	22	Sale	20⅜ Dec 4	22 Dec 31	19¾ Sep 21	**26⅞ Feb 23**
11,900	169,400	Central Foundry Co	1	23	Sale	17¼	Sale	15¼	Sale	15 Dec 20	18 Dec 4	14½ May 29	**23½ Jan 2**
500	3,100	Central of Ga Ry com	*	46¼	47½	50⅝	51½	49	51½	50¼ Dec 26	51½ Dec 6	44 Jun 20	51½ Nov 9
200	4,100	5% pfd series B vtc	100	70	75	76	79½	76	77½	76 Dec 26	78 Dec 19	68 Aug 23	78 Dec 19
27,300	228,600	Central Hudson Gas & Elec	*	36⅜	Sale	31⅝	Sale	33⅝	Sale	31¼ Dec 12	33⅞ Dec 31	25½ May 29	**36¾ Jan 2**
22,200	162,700	Central Illinois Light com	*	49	Sale	43½	Sale	47	Sale	42¾ Dec 3	47⅛ Dec 31	35 Jun 25	**52¼ Mar 30**
540	9,150	4½% preferred	100	95¼	Sale	99⅝	Sale	98¼	Sale	98¼ Dec 11	100 Dec 19	93 July 5	101¼ May 11
38,100	‡350,500	Central Illinois Pub Serv	*	—	—	22⅝	Sale	24¼	Sale	22½ Dec 3	24½ Dec 20	‡17 May 29	25 Apr 26
81,000	1,201,700	Cent & South West Corp	2.50	43	Sale	40⅝	Sale	41⅜	Sale	40⅝ Dec 3	44¼ Dec 10	30½ Jun 25	46⅞ Apr 19
12,100	218,000	Central Soya Co	*	32	Sale	31⅞	Sale	29⅝	Sale	29⅝ Dec 21	31⅞ Dec 3	23¾ May 29	**33½ Mar 27**
19,000	109,300	Century Industries Co	*	19⅜	Sale	13¾	Sale	13½	Sale	13 Dec 3	14½ Dec 10	12¾ Nov 30	23¾ Apr 2
122,300	856,800	Cerro Corp	5	31⅝	Sale	21⅞	Sale	19⅛	Sale	18⅜ Dec 19	22¾ Dec 4	17⅜ Oct 23	33 Jan 4
143,400	3,207,500	Certain-teed Products	1	60¼	Sale	17⅞	Sale	15¾	Sale	15¼ Dec 18	17⅞ Dec 3	11 Oct 23	60¼ Jan 2
79,200	894,500	Cessna Aircraft Co	1	33⅞	Sale	22¾	Sale	21	Sale	20¼ Dec 17	24¼ Dec 5	16 Oct 24	35 Jan 31
135,100	2,349,800	Chadbourn Gotham Inc	1	7⅜	Sale	4⅞	Sale	4¼	Sale	3⅞ Dec 27	4⅞ Dec 3	3¾ Oct 24	9¼ Apr 4
14,300	101,010	Chain Belt Co	10	48¾	Sale	35¼	Sale	34	Sale	33¼ Dec 27	37¾ Dec 5	30⅜ Oct 24	49¼ Feb 16
50,500	499,200	Champion Papers Inc com	*	37½	Sale	26⅝	Sale	25⅝	Sale	25⅛ Dec 24	27⅛ Dec 5	22½ Oct 25	38¼ Feb 16
590	8,430	$4.50 preferred	*	92	Sale	98½	99¼	98	Sale	96⅝ Dec 14	99¼ Dec 21	91 Jun 21	100 Nov 27
39,700	525,800	Champion Spark Plug Co	1⅔	40	Sale	34⅜	Sale	33	Sale	32½ Dec 14	34⅜ Dec 3	29½ May 29	41⅞ Feb 16
173,900	1,858,600	Champlin Oil & Refin Co	1	25⅜	Sale	30¾	Sale	30⅝	Sale	28⅞ Dec 13	31¼ Dec 21	21 May 29	31¼ Dec 21
16,600	429,200	Checker Motors Corp	1.25	23⅝	24⅛	22	Sale	20⅞	Sale	20 Dec 26	23¼ Dec 6	18 Oct 24	31¾ Apr 11
38,000	497,700	Chemetron Corp	1	24	Sale	18⅞	Sale	18½	Sale	18⅛ Dec 18	19¾ Dec 5	**15¼ Jun 25**	25⅞ Feb 7
32,400	494,600	Chemway Corp	1	10⅛	Sale	5⅞	Sale	5⅜	Sale	5¼ Dec 13	6 Dec 26	3⅞ Oct 24	10⅛ Jan 2
3,900	52,200	Chesapeake Corp of Va	5	40	Sale	35⅝	Sale	36½	37¼	35⅝ Dec 3	36½ Dec 14	**32** Oct 5	**45 Mar 29**
68,700	989,900	Chesapeake & Ohio com	25	56⅜	Sale	53½	Sale	51½	Sale	50⅛ Dec 14	53½ Dec 3	44½ May 28	60 Jan 4
—	4,400	3½% conv preferred	100	89⅛	100¼	85	98	85	98	— —	— —	**75½** Oct 9	98 Jan 11
54,600	371,900	Chesebrough-Pond's Inc	2	—	—	52⅜	Sale	52½	Sale	51 Dec 3	55⅞ Dec 11	37 May 29	55⅞ Dec 11
3,900	49,300	Chicago & Eastern Ill RR	*	11¼	Sale	9¼	Sale	8¼	Sale	8⅛ Dec 19	9½ Dec 5	6 Oct 22	13⅝ Jan 4
†230	†5,710	Class A	40	19	21	18	20	16¼	17	15 Dec 4	19½ Dec 12	13½ Nov 1	21½ Nov 23
14,100	165,900	Chicago Great Western	50	22⅜	Sale	17	Sale	14¾	Sale	14½ Dec 31	17⅜ Dec 4	10 Sep 20	27⅜ Feb 19
2,400	45,600	5% preferred	50	34¼	Sale	30½	31½	29⅜	Sale	29⅜ Dec 31	31½ Dec 4	22¾ Sep 24	36½ Feb 15
93,100	818,000	Chic Milw St Paul & Pac RR Co common	*	15¼	Sale	10¼	Sale	9⅜	Sale	8⅝ Dec 26	11⅛ Dec 5	7 Oct 24	**17⅝ Feb 8**
7,300	72,000	5% ser A non-cum pfd	100	58	Sale	52	Sale	51	Sale	50½ Dec 21	53 Dec 4	48 Nov 5	**64⅜ Feb 20**
28,700	359,100	Chic & North Western RR	*	20½	Sale	14¾	Sale	13¼	Sale	11⅝ Dec 19	14⅞ Dec 5	8¾ Jun 25	**22⅞ Feb 7**
25,200	324,800	5% preferred series A	100	33	Sale	22½	Sale	20⅜	Sale	18¾ Dec 19	23 Dec 5	14¼ Oct 22	**36⅜ Feb 8**
48,600	776,800	Chicago Pneumatic Tool	8	30⅜	Sale	26¾	Sale	27⅛	Sale	25⅜ Dec 5	27½ Dec 20	19⅞ Oct 24	**31¼ Jan 12**
91,900	583,500	Chic Rock Isl & Pac RR	*	24¼	Sale	21	Sale	18⅝	Sale	18⅜ Dec 28	22⅛ Dec 3	14⅝ Oct 30	26¾ Feb 2
2,810	50,580	Chicago Yellow Cab	*	19½	20	23	Sale	23¼	Sale	20 Dec 11	24 Dec 6	19 Jun 22	**35¾ May 2**
1,000	36,400	Chickasha Cotton Oil	5	16	16⅝	18⅝	19⅜	18⅛	18⅞	18⅛ Dec 17	19 Dec 5	15½ Jun 25	21 Mar 26
72,300	1,153,100	Chock Full O'Nuts Corp	25c	27½	Sale	17¼	Sale	16¼	Sale	16 Dec 11	17⅞ Dec 5	13 May 28	**29 Jan 4**
86,100	923,100	Chris-Craft Industries	1	33⅞	Sale	13⅜	Sale	12⅝	Sale	11¾ Dec 21	14 Dec 5	8⅛ Oct 24	**33⅞ Jan 2**
859,600	7,346,200	Chrysler Corp	25	49½	Sale	69½	Sale	73⅜	Sale	68⅞ Dec 3	75¼ Dec 20	**38½ Jun 14**	**75¼ Dec 20**
26,300	374,000	Cincinnati G & E com	8½	46	Sale	48½	Sale	49⅞	Sale	48½ Dec 3	50½ Dec 17	**36¾ May 29**	**50½ Mar 19**
1,300	9,150	4% preferred	100	87½	Sale	91	Sale	91	92¾	88¾ Dec 12	92 Dec 28	87⅛ July 10	93 Oct 29
990	6,410	4¾% preferred	100	101½	Sale	105¼	106	106½	Sale	105½ Dec 6	107 Dec 14	101½ Jan 2	107 Dec 14
13,700	249,600	Cincinnati Milling Mach	10	50½	Sale	38¾	Sale	39⅜	Sale	38¼ Dec 3	41½ Dec 5	27¼ Jun 25	52¼ Feb 16
116,800	1,440,600	C I T Financial Corp	*	46¾	Sale	42⅝	Sale	43¾	Sale	41⅛ Dec 17	44½ Dec 4	32 Jun 27	**49½ Mar 21**
67,700	949,700	Cities Service Co common	10	55⅜	Sale	52½	Sale	56⅞	Sale	51¾ Dec 4	57½ Dec 27	44⅜ Oct 24	59½ Feb 5
10,700	268,500	$4.40 conv preferred	*	—	—	104¼	Sale	106¾	Sale	103 Dec 14	108⅜ Dec 21	97¼ May 29	112⅛ Feb 8
8,500	133,000	City Investing Co	5	**34½**	**Sale**	23½	Sale	21⅝	Sale	21⅝ Dec 28	24¾ Dec 10	18⅛ Nov 1	35½ Feb 1
36,900	547,600	City Products Corp	*	**25**	**Sale**	25½	Sale	25½	Sale	23¾ Dec 26	26 Dec 20	20 Jun 27	37 Mar 23
23,900	149,000	City Stores Co	5	**12½**	**Sale**	10⅜	Sale	8⅝	Sale	8⅝ Dec 31	10½ Dec 4	8⅝ Dec 31	14 Feb 7
72,000	594,100	Clark Equipment Co	10	**37⅛**	**Sale**	29¼	Sale	30¼	Sale	29 Dec 3	33⅜ Dec 5	23⅛ Jun 27	38½ Jan 4
10,300	187,200	Cleveland-Cliffs Iron Co	1	**48**	**Sale**	39½	Sale	37⅜	Sale	36¾ Dec 11	39½ Dec 3	31¾ Oct 9	48¼ Jan 2
31,800	320,500	Cleve Elec Illum common	15	**67½**	**Sale**	68	Sale	64	Sale	63 Dec 26	68 Dec 3	53 Jun 26	70¼ Apr 18
1,010	18,160	$4.50 preferred	*	**97½**	**Sale**	100¼	Sale	101½	Sale	100 Dec 4	101⅞ Dec 26	96½ Jan 3	102 Oct 4
380	7,120	Cleve&Pitts RR Co 7% gtd	50	**59¼**	**Sale**	63¼	Sale	63	64	63 Dec 24	63½ Dec 13	58½ Jan 3	65¼ Oct 12
610	6,950	Special gtd 4% stock	50	**34½**	**35**	37½	38¼	37	Sale	36½ Dec 21	37½ Dec 4	33½ Feb 6	37½ Apr 17
49,100	351,600	Clevite Corp	1	**52**	**Sale**	42½	Sale	38⅝	Sale	38 Dec 24	44 Dec 6	31½ Oct 23	57 Jan 12
21,600	‡303,000	Cluett Peabody & Co— Common	3.25	—	—	47¼	Sale	45¼	Sale	43¾ Dec 20	47¾ Dec 4	‡31½ May 29	49⅞ Nov 30
140	5,140	7% preferred	100	**136**	**Sale**	140⅝	Sale	140⅝	Sale	139 Dec 21	140⅝ Dec 3	134½ Jan 3	143 July 3
58,300	898,200	Coca-Cola (The)	*	**103¾**	**Sale**	85¼	Sale	85¼	Sale	83⅛ Dec 10	88¾ Dec 17	70 May 29	103¾ Jan 2
21,500	226,200	Coca-Cola Bottling Co N Y	1	**26¾**	**Sale**	20⅝	Sale	20⅛	Sale	20 Dec 27	20⅞ Dec 5	19⅝ Nov 26	27⅜ Jan 12
90,600	1,113,800	Colgate-Palmolive com	1	**54⅞**	**Sale**	42¾	Sale	43⅞	Sale	42⅜ Dec 26	44⅝ Dec 10	32¾ May 29	55 Jan 3
940	8,010	$3.50 preferred	*	**76**	**Sale**	79½	Sale	80	81	79½ Dec 3	81 Dec 28	75⅜ Jan 19	81⅞ May 1
63,200	785,500	Collins & Aikman Corp	*	**26**	**Sale**	32	Sale	34½	Sale	31½ Dec 3	34½ Dec 13	19½ May 29	34½ Dec 13
100,900	1,078,800	Collins Radio Co	1	**35½**	**Sale**	25½	Sale	22⅞	Sale	22⅞ Dec 31	27¾ Dec 5	18½ Jun 27	41½ Jan 19
203,100	1,428,600	Colorado Fuel & Iron com	5	**16⅝**	**Sale**	10⅜	Sale	8½	Sale	8¼ Dec 21	10½ Dec 3	7⅛ Oct 22	17¾ Jan 3
2,900	15,900	5½% preferred ser B	50	47¾	48¼	36¾	Sale	32	Sale	32 Dec 31	36¾ Dec 3	30 Nov 9	48¼ Jan 8

For footnotes, see page 29

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER — Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
		Colorado & Southern—											
1,910	13,630	4% non-cum 1st pfd	100	43½	Sale	46¼	Sale	42¼	Sale	41 Dec 14	48¼ Dec 7	41 Dec 14	51 Mar 19
		Columbia Broadcasting											
194,200	1,424,200	System	2.50	39⅞	Sale	42¾	Sale	44¼	Sale	41⅝ Dec 3	45⅜ Dec 7	31½ May 29	45⅜ Dec 7
91,700	1,515,900	Columbia Gas System	10	28⅞	Sale	25	Sale	26⅞	Sale	24⅞ Dec 3	27½ Dec 31	22 Oct 24	30⅛ Apr 18
117,900	641,400	Columbia Pictures com	5	28½	Sale	21⅝	Sale	23⅛	Sale	21⅜ Dec 3	25¾ Dec 17	14 Jun 25	31 Jan 17
200	3,040	$4.25 preferred	*	78	79	77¼	Sale	77¼	78½	76¾ Dec 5	78 Dec 12	69 Jun 4	79½ Jan 26
8,400	219,800	Columbus & So Ohio Elec	5	68½	Sale	68¼	Sale	66¾	Sale	66¼ Dec 11	68¾ Dec 20	41 May 29	72⅝ Mar 16
77,200	477,200	Combustion Engineering	1	28¾	Sale	24⅞	Sale	25⅛	Sale	24⅛ Dec 4	25⅞ Dec 19	20⅛ May 29	31⅜ Feb 16
61,100	642,200	Commercial Credit	5	54½	Sale	42½	Sale	44⅞	Sale	42⅛ Dec 3	44⅞ Dec 31	34 Jun 27	55⅛ Jan 5
65,500	1,052,900	Commercial Solvents	1	34⅛	Sale	23	Sale	23⅞	Sale	20½ Dec 14	23⅞ Dec 31	15½ Jun 25	37⅝ Mar 23
		Commonwealth Edison Co—											
82,600	1,079,800	Common	12.50	45¼	Sale	43⅛	Sale	44	Sale	43 Dec 3	44¾ Dec 13	35 May 29	45¾ Jan 2
10,500	277,000	Conde Nast Publications	*	11½	Sale	10	Sale	9	Sale	8¾ Dec 11	10⅛ Dec 3	7½ Jun 25	11⅞ Jan 4
27,700	276,400	Cone Mills Corp	10	13⅞	Sale	12⅛	Sale	11¾	Sale	11¾ Dec 11	12¼ Dec 4	11¼ Oct 24	15⅜ Feb 7
33,800	369,300	Congoleum-Nairn Inc	*	12	Sale	10⅜	Sale	10	Sale	10 Dec 31	11¼ Dec 3	8 Oct 3	13 Apr 18
45,300	‡633,100	Consolidated Cigar Corp	1	—	—	49	Sale	49¾	Sale	47 Dec 14	50½ Dec 5	‡30 Jun 25	50½ Dec 5
83,900	952,500	Cons Edison Co of NY Inc	*	82⅛	Sale	79⅝	Sale	83¾	Sale	79¼ Dec 4	83⅞ Dec 27	65¼ May 28	83⅞ Dec 27
7,000	114,600	$5 preferred	*	103¾	Sale	105⅝	Sale	105¾	Sale	105¼ Dec 4	107¼ Dec 27	103 May 29	107¼ Oct 19
24,900	431,800	4.12% conv pref ser A	100	—	—	109	Sale	110	Sale	108¼ Dec 4	110½ Dec 21	96 May 29	113½ Mar 30
39,600	450,300	Consol Electronics Indus	5	49½	Sale	33⅜	Sale	30¾	Sale	30⅜ Dec 24	33⅞ Dec 5	25 Jun 25	49½ Jan 2
36,300	371,800	Consolidated Foods	1.33⅓	39	Sale	34⅛	Sale	34½	Sale	33 Dec 24	35⅝ Dec 10	25⅛ Jun 27	39 Jan 2
5,200	143,900	Consol Laundries Corp	5	28⅜	Sale	25⅝	Sale	24½	Sale	24½ Dec 31	26½ Dec 6	21⅝ Oct 24	36¼ Mar 16
33,600	459,900	Consol Natural Gas	10	60½	Sale	58¾	Sale	56⅞	Sale	54 Dec 21	59⅛ Dec 3	46 May 28	65⅜ Apr 30
57,300	589,400	Consolidation Coal Co	1	41	Sale	36½	Sale	35¼	Sale	34½ Dec 27	37¾ Dec 5	30⅜ Oct 22	45⅞ Feb 20
		Consumer Power Co—											
56,800	‡639,700	Common	*	—	—	40⅞	Sale	42⅜	Sale	40⅝ Dec 3	42¾ Dec 7	‡33¼ May 29	42¾ Apr 23
2,600	37,560	$4.50 preferred	*	95	Sale	100½	Sale	101	101¾	99¼ Dec 5	101⅛ Dec 27	94¾ Jan 3	101⅛ Dec 27
90	12,410	$4.52 preferred	*	97¼	Sale	103	104½	102	103½	101¾ Dec 7	102 Dec 14	97¼ Jan 2	104½ Nov 7
110	1,720	$4.16 preferred	*	89	90	92½	94	93½	94½	92½ Dec 13	94½ Dec 18	89⅛ Jan 3	96 Jun 12
		Container Corp of America											
52,000	1,090,500	Common	5	26	Sale	24	Sale	24½	Sale	23¼ Dec 14	24¾ Dec 28	17¼ Jun 25	28⅞ Mar 9
10	780	4% preferred	100	93	Sale	93	94½	94	94½	93 Dec 7	93 Dec 7	92 Aug 15	94½ Apr 2
100,700	1,163,300	Continental Air Lines	1.25	8⅛	Sale	7	Sale	6⅝	Sale	6⅜ Dec 19	7¼ Dec 4	5½ Oct 24	8⅞ Mar 15
18,300	347,600	Contin'tal Baking Co com	5	50⅞	Sale	43⅜	Sale	44	Sale	42¾ Dec 21	45 Dec 10	35¾ May 29	50⅞ Jan 2
490	11,850	$5.50 preferred	*	106	Sale	107¼	Sale	105½	106	104⅛ Dec 19	107¾ Dec 3	101 July 20	107¾ Dec 3
129,500	1,310,000	Continental Can com	10	48	Sale	44½	Sale	45⅛	Sale	43¾ Dec 10	45⅜ Dec 28	38 Jun 25	48¼ Jan 2
510	5,470	$3.75 preferred	*	82	83	86¾	Sale	87	88	86 Dec 19	88¼ Dec 14	82 Jan 3	88½ Apr 19
		Continental Copper & Steel											
65,300	384,900	Common	2	8⅛	Sale	4⅞	Sale	4⅛	Sale	4 Dec 24	5 Dec 5	4 Dec 24	8⅝ Feb 13
600	7,200	5% preferred	25	19	19½	17¼	18	17	17½	17 Dec 27	18 Dec 10	16 Oct 25	21 Feb 26
82,700	1,416,200	Continental Insurance	5	69⅜	Sale	59⅜	Sale	59⅜	Sale	58⅝ Dec 3	61¾ Dec 10	47¼ May 29	72⅞ Feb 16
40,400	849,700	Continental Motors Corp	1	10¾	Sale	10⅞	Sale	10⅞	Sale	10⅞ Dec 3	11¼ Dec 4	8⅞ Jun 25	12¼ Jan 29
68,600	1,028,600	Continental Oil of Del	5	54½	Sale	54¼	Sale	54⅝	Sale	53⅜ Dec 10	55⅛ Dec 7	43½ May 29	56 Feb 19
8,200	119,700	Continental Steel Corp	7	56¼	Sale	45	Sale	41¾	Sale	41¾ Dec 31	45½ Dec 4	35⅛ May 29	56¼ Jan 2
25,900	195,700	Controls Co of America	5	31⅛	Sale	26¾	Sale	23⅛	Sale	22⅞ Dec 24	27⅜ Dec 5	18½ Oct 24	34½ Feb 5
19,200	249,400	Cooper-Bessemer Corp	5	32¼	Sale	28¼	Sale	27¼	Sale	27⅛ Dec 27	28¾ Dec 5	23 Sep 27	34¾ Mar 19
25,400	327,200	Cooper Tire & Rubber Co	1	15	Sale	12⅛	Sale	11¾	Sale	11⅜ Dec 11	12⅜ Dec 4	8⅝ Oct 1	15⅞ Feb 16
16,700	221,065	Copeland Refriger't'n Corp	1	42⅞	Sale	23¼	Sale	22¼	Sale	21¼ Dec 28	23¼ Dec 3	18¾ Oct 23	43 Jan 4
31,400	535,200	Copper Range Co	5	17¼	Sale	17¼	Sale	16⅜	Sale	15⅜ Dec 21	17⅜ Dec 4	12¾ Jun 25	23¼ Mar 6
31,300	387,200	Copperweld Steel	5	40¼	Sale	35	Sale	32⅛	Sale	32⅛ Dec 31	35 Dec 3	27½ Oct 26	43⅜ Mar 21
105,000	2,064,900	Corn Products Co (Del)	50c	57⅝	Sale	50⅞	Sale	50⅞	Sale	49⅜ Dec 18	52¼ Dec 5	40 May 28	60⅞ Mar 28
41,700	719,200	Corning Glass Works com	5	190½	Sale	164	Sale	161	Sale	155½ Dec 19	169½ Dec 5	105¼ Jun 27	194¾ Mar 19
150	1,860	3½% preferred	100	88	89½	88	91	88	90	87 Dec 14	88¾ Dec 27	87 Dec 14	90 Feb 27
10	1,110	3½% pfd ser of 1947	100	90½	92½	93	95	93	95	94 Dec 5	94 Dec 5	92½ Jan 5	96 Apr 12
22,700	270,000	Cosden Petroleum Corp	1	22	Sale	21⅝	Sale	21¼	Sale	21⅛ Dec 17	21¾ Dec 6	18⅜ Oct 24	24¾ Jan 4
3,100	56,100	Coty Inc	1	19⅛	Sale	13½	14	13¼	Sale	12½ Dec 20	14 Dec 11	11 Oct 31	21¾ Mar 12
12,200	292,900	Coty International Corp	1	6⅜	Sale	5⅞	Sale	—	—	5⅝ Dec 10	6 Dec 3	4¾ May 29	7¾ Mar 9
5,700	5,700	Class A	1c	—	—	—	—	5	Sale	5 Dec 28	5½ Dec 17	5 Dec 28	5½ Dec 17
24,300	208,100	Crane Co common	25	68½	Sale	42⅜	Sale	42¼	Sale	41¼ Dec 17	42¾ Dec 4	36 Oct 24	68¾ Jan 2
400	8,600	3¾% preferred	100	76	78½	81½	83	82	83¼	82½ Dec 14	83 Dec 27	76½ Jan 17	82¾ May 1
30,400	295,470	Crescent Petroleum com	1	17⅝	Sale	14⅜	Sale	13¾	Sale	13¼ Dec 14	15⅜ Dec 7	11¾ Oct 26	19½ Feb 12
6,600	67,300	5% convertible pfd	25	24⅛	24⅜	23¾	Sale	23⅛	Sale	22⅝ Dec 21	24¼ Dec 7	22¼ Jun 28	26 Mar 13
10,600	73,400	Crompton & Knowles Corp	*	—	—	21¼	Sale	23⅞	Sale	21¼ Dec 3	24¼ Dec 26	18 Oct 24	27⅜ Aug 24
159,100	1,364,800	Crowell-Collier Publishing	1	39½	Sale	21½	Sale	19⅛	Sale	18⅜ Dec 24	21½ Dec 3	17⅜ Oct 24	42⅛ Mar 19
27,400	956,000	Crown Cork & Seal com	2.50	129¾	Sale	130½	Sale	—	—	121 Dec 11	132½ Dec 5	77⅛ Jun 14	132⅞ Nov 30
158,000	‡167,100	When issued	2.50	—	—	32½	Sale	34	Sale	30 Dec 18	34¾ Dec 24	‡30 Dec 18	34¾ Dec 24
900	25,300	$2 preferred	*	45¾	Sale	43¾	45	45	Sale	44 Dec 10	47 Dec 20	41 Jun 14	48 Sep 5
		Crown Zellerbach Corp—											
63,015	882,615	Common	5	59¾	Sale	47¾	Sale	45½	Sale	45 Dec 19	48¾ Dec 4	37½ Aug 8	59⅞ Jan 2
840	16,300	$4.20 preferred	*	92½	Sale	95¾	Sale	96	Sale	95¼ Dec 27	96¼ Dec 14	91 Aug 7	97 May 3
69,400	860,800	Crucible Steel of Amer	12.50	21	Sale	17	Sale	16½	Sale	15⅛ Dec 18	17⅛ Dec 4	12⅜ Aug 22	21⅞ Mar 29
700	14,400	5¼% conv preferred	100	104¾	Sale	100¾	Sale	102½	Sale	99¾ Dec 18	102½ Dec 31	86⅝ Jun 27	107½ Feb 19
24,800	121,800	C T S Corp	*	—	—	16⅞	Sale	16⅞	Sale	16⅛ Dec 12	17¼ Dec 21	14⅜ Jun 25	19¾ Aug 23
8,100	101,200	Cuban American Sugar	10	16⅜	Sale	13¾	14¼	13	Sale	13 Dec 31	14⅛ Dec 7	11½ May 29	16½ Jan 9
39,200	598,200	Cudahy Packing Co com	5	12⅝	Sale	7⅞	Sale	7⅞	Sale	7⅝ Dec 24	8½ Dec 6	6¼ Oct 25	15⅛ Jan 19
2,500	28,000	4½% preferred	100	68½	70	54½	Sale	51¼	Sale	50½ Dec 21	55 Dec 6	45¾ Oct 3	70½ Jan 29
1,800	42,100	Cuneo Press Inc	5	11⅝	Sale	10⅝	11	10⅜	Sale	10⅜ Dec 24	10⅞ Dec 5	9⅞ May 29	12⅜ Feb 13
11,400	60,700	Cunningham Drug	2.50	33½	Sale	21¼	Sale	20	Sale	19¼ Dec 28	21¾ Dec 5	19¼ Dec 28	33½ Jan 2
104,500	1,238,600	Curtis Publishing com	1	10¼	Sale	6⅞	Sale	6⅛	Sale	6 Dec 20	7 Dec 4	5½ Jun 25	13⅝ Feb 20
18,000	127,300	$4 prior preferred	*	30⅜	Sale	25	Sale	26¼	Sale	24½ Dec 4	27¼ Dec 7	20 Jun 25	35 Mar 13
4,800	51,400	$1.60 prior preferred	*	11⅞	Sale	8⅞	Sale	8⅞	Sale	8½ Dec 28	9⅝ Dec 6	8⅝ Jun 14	14½ Feb 19
128,100	1,692,800	Curtiss Wright Corp com	1	17½	Sale	18⅞	Sale	17¼	Sale	17⅛ Dec 24	19¼ Dec 5	14⅛ Jun 27	20¼ Aug 16
2,700	64,800	Class A	1	33½	Sale	33½	Sale	33½	34	33⅜ Dec 24	34⅛ Dec 6	31⅛ May 29	35⅛ Aug 21
25,000	237,500	Cutler Hammer	10	75½	Sale	58	Sale	57¾	Sale	56 Dec 14	60¼ Dec 5	47½ Oct 24	78 Mar 20
24,200	325,800	Dana Corp common	1	44	Sale	40¼	Sale	40½	Sale	39¼ Dec 4	42¼ Dec 10	32¾ Oct 22	45 Jan 2
80	1,950	3¾% preferred ser A	100	87	89	88½	91	88½	91½	88½ Dec 4	91 Dec 12	86½ Jan 5	91 Dec 12
40,300	384,700	Dan River Mills Inc	5	14¼	Sale	13	Sale	12⅞	Sale	12¾ Dec 24	13¼ Dec 5	11 May 29	15¼ Feb 7
82,600	570,000	Dayco Corp	50c	15½	Sale	14	Sale	13⅝	Sale	13⅜ Dec 24	15¾ Dec 12	9½ Jun 25	18⅜ Mar 12
		Dayton Power & Light—											
26,800	441,600	Common	7	28½	Sale	26¼	Sale	27⅝	Sale	25¾ Dec 3	27⅝ Dec 31	20⅝ May 29	29¼ Jan 2
410	7,060	3.75% preferred ser A	100	78	79	80¼	81	85½	Sale	80¼ Dec 4	86½ Dec 31	77½ July 27	85½ Dec 31
530	2,530	3.75% preferred ser B	100	79	80½	83¼	Sale	86	Sale	83⅛ Dec 13	86 Dec 31	78½ Aug 2	86 Dec 31
110	1,160	3.90% preferred ser C	100	81	83	86½	87½	87	88½	86½ Dec 4	87 Dec 13	81½ Aug 30	87 Dec 13
17,000	1,016,000	Decca Records Inc	50c	40¾	Sale	44½	Sale	45⅜	Sale	44¼ Dec 4	45¾ Dec 27	34½ May 28	51⅜ Apr 16
81,700	701,800	Deere & Co	1	50⅛	Sale	52⅞	Sale	51½	Sale	49½ Dec 24	53 Dec 3	41½ Oct 2	57¼ Feb 20
86,300	420,200	Delaware & Hudson Co	1	17¼	Sale	18⅞	Sale	20½	Sale	17⅝ Dec 6	20½ Dec 13	12½ Jun 27	20½ Dec 13
29,700	250,800	Delaware Pow & Lt Co	6.75	51¾	Sale	50½	Sale	47⅛	Sale	45 Dec 18	50⅝ Dec 3	38¼ Jun 26	55⅜ Feb 15
130,900	‡725,000	Delta Airlines Inc	3	—	—	51	Sale	60	Sale	49⅝ Dec 3	61⅜ Dec 27	‡28¾ May 29	61⅜ Dec 27
		Dentists Supply Co											
11,800	131,700	of N Y	2.50	26	Sale	25	Sale	26¾	Sale	25 Dec 3	26¾ Dec 31	21⅛ Jun 15	29¼ Feb 15
46,700	710,000	Denv & R G West RR Co	*	21¼	Sale	19¾	Sale	19⅜	Sale	19⅛ Dec 21	20¼ Dec 4	15½ Jun 25	22⅛ Jan 12
48,100	558,100	De Soto Chem Coatings	1	11¼	Sale	9½	Sale	9⅛	Sale	9⅛ Dec 18	10 Dec 6	7⅛ May 29	12¼ Mar 9
28,300	491,500	Detroit Edison Co	20	61⅜	Sale	61⅞	Sale	63	Sale	61¼ Dec 4	63¾ Dec 13	45½ May 29	63¾ Dec 13
11,600	‡18,200	When issued	10	—	—	31⅛	Sale	31⅝	Sale	30⅝ Dec 5	31⅝ Dec 31	‡30 Nov 20	31⅝ Dec 31
86,900	753,100	Detroit Steel Corp	1	17¾	Sale	12¾	Sale	10⅝	Sale	10⅝ Dec 17	12¾ Dec 3	9⅜ Oct 30	18⅜ Jan 4
2,500	36,500	De Vilbiss Co	15	34	Sale	32	Sale	31⅝	32	30 Dec 10	32 Dec 3	26⅜ Oct 26	34¾ Jan 10
33,700	385,400	Diamond Alkali Co	*	65¾	Sale	49¾	Sale	46⅝	Sale	46¼ Dec 11	50½ Dec 5	37⅝ Oct 24	69 Feb 12
16,300	358,400	Diamond National Corp	1	52¾	Sale	47	Sale	46½	Sale	46 Dec 27	48⅞ Dec 12	40 Oct 24	53⅜ Jan 2
29,000	338,900	Diana Stores Corp	50c	23⅝	Sale	12⅛	Sale	10¼	Sale	10⅛ Dec 18	12⅛ Dec 3	9⅝ Oct 25	27⅛ Jan 22
63,400	250,400	Di Giorgio Fruit Corp	2.50	16⅞	Sale	11¾	Sale	14	Sale	11⅛ Dec 10	14 Dec 21	10¼ Oct 18	17⅜ Feb 15
109,400	897,100	Diners Club Inc	1	19⅝	Sale	20⅜	Sale	19¼	Sale	18⅝ Dec 18	21½ Dec 4	11¾ Oct 26	23⅜ Mar 26
3,100	382,000	Disney (Walt) Product	2.50	37⅜	Sale	29	Sale	28⅛	Sale	27¼ Dec 19	30 Dec 24	21 Oct 23	40⅝ Feb 16
12,600	292,400	Distill Corp-Seagrams Ltd	2	43¼	Sale	43	Sale	44¼	Sale	43 Dec 3	44½ Dec 27	35⅜ Jun 25	48¼ Mar 23
17,200	308,500	Divco Wayne Corp	1	20⅝	Sale	19⅛	Sale	19⅜	Sale	18 Dec 11	19⅞ Dec 31	12¼ Jun 25	21⅞ Jan 3
22,000	160,700	Dr Pepper Co	*	16⅞	Sale	20¼	Sale	21½	Sale	20 Dec 3	22¾ Dec 5	15 May 29	22¾ Dec 5
54,200	775,100	Dome Mines Ltd	*	26⅝	Sale	24½	Sale	23⅛	Sale	22¾ Dec 28	24⅝ Dec 3	22⅝ Mar 29	31¾ July 18
13,300	187,900	Dominick Fund Inc	1	25½	Sale	19¾	Sale	20	Sale	19⅜ Dec 3	20 Dec 20	16⅛ Jun 25	25¾ Jan 2
28,700	28,700	Donnelley (R R) & Sons	1.25	—	—	—	—	21¼	Sale	20⅝ Dec 28	24 Dec 7	20⅝ Dec 28	24 Dec 7
535,400	1,989,100	Douglas Aircraft	*	33¾	Sale	32¼	Sale	25⅝	Sale	25⅝ Dec 20	35⅜ Dec 5	17½ Jun 27	37⅜ Jan 26
15,500	205,200	Dover Corp	1	22⅜	Sale	21½	Sale	22¾	Sale	21¼ Dec 19	23½ Dec 31	16½ May 29	24⅛ Apr 24
134,100	2,668,900	Dow Chemical Co	5	72⅜	Sale	58⅜	Sale	55⅝	Sale	55⅝ Dec 31	59½ Dec 5	40 Jun 27	72¾ Jan 4
79,900	1,115,900	Dresser Industries	50c	28¾	Sale	23	Sale	22⅜	Sale	22 Dec 18	23⅛ Dec 6	17½ Oct 24	32 Mar 5

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER — Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
13,200	134,600	Drewrys Ltr USA Inc	1	30¾	Sale	22½	Sale	22½	Sale	21½ Dec 11	22⅞ Dec 24	20⅛ May 29	31 Feb 8
49,800	541,000	Du Bois Chemicals Inc	1	19¾	Sale	15¾	Sale	16¼	Sale	15¾ Dec 3	17⅜ Dec 12	13 May 29	22 Jan 23
45,900	141,900	Duke Power Co	*	58½	Sale	57¾	58½	56¼	Sale	55⅜ Dec 28	58½ Dec 4	43 Jun 26	61 Mar 27
19,100	86,400	Dunhill International	1	22⅞	Sale	14½	Sale	14	Sale	13¼ Dec 24	14½ Dec 3	11 Oct 24	25 Jan 16
18,500	328,300	Duplan Corp	1	9¾	Sale	9¾	Sale	10⅜	Sale	9⅝ Dec 3	11⅛ Dec 5	6¾ May 29	13 Feb 26
		DuPont de Nem & Co (E I)											
76,500	1,201,600	Common	5	244	Sale	231½	Sale	239½	Sale	230 Dec 11	239½ Dec 31	164½ Jun 27	254¾ Mar 14
7,600	93,800	$4.50 preferred	*	107½	Sale	107½	108¼	108	Sale	108 Dec 31	109½ Dec 10	101½ Jun 5	114 Apr 27
3,400	54,700	$3.50 preferred	*	88¼	88¾	85⅛	85⅝	86½	87¼	85½ Dec 4	87 Dec 21	81⅛ July 12	97½ Apr 27
46,400	616,900	Duquesne Light Co com	5	31⅛	Sale	29⅛	Sale	31⅜	Sale	29 Dec 3	31⅜ Dec 31	24⅛ May 29	32¼ Mar 22
1,280	9,980	3.75% preferred	50	39½	Sale	42½	42¾	42½	42¾	42 Dec 4	43 Dec 21	39 Jan 5	44 Sep 14
1,010	5,630	4.15% preferred	50	44	Sale	46	47	46¾	Sale	46½ Dec 5	48 Dec 11	44 Jan 2	48 July 10
2,110	39,140	4% preferred	50	43¼	Sale	44½	Sale	46¼	Sale	44⅛ Dec 3	46¼ Dec 31	42¾ Jan 12	47 Mar 27
250	3,390	4.20% preferred	50	46	47	48½	49¼	48	49¾	48¾ Dec 18	49 Dec 18	45¼ Jan 19	49⅛ May 25
370	7,430	4.10% preferred	50	43¾	Sale	46	47	46	47	45½ Dec 12	46⅜ Dec 18	43¾ Jan 2	48¼ Jun 13
50	3,370	$2.10 preferred	50	45	46	48	49	47	48½	47½ Dec 20	48 Dec 20	45 Feb 7	48½ July 13
8,200	91,300	D W G Cigar Corp	5	26⅜	Sale	18½	18⅞	18½	Sale	17⅛ Dec 13	18⅝ Dec 4	17 Oct 23	29¾ Feb 19
360,100	750,400	Dynamics Corp of America	1	--	--	14¼	Sale	14⅝	Sale	14 Dec 3	16¼ Dec 12	9⅞ Oct 24	16¼ Dec 12
20,400	35,900	$1 conv preference	2	--	--	29¼	Sale	30⅛	Sale	29¼ Dec 3	33⅛ Dec 13	23¼ Oct 25	33⅛ Dec 13
14,700	242,500	Eagle-Picher Co	5	23	Sale	20¾	Sale	20½	Sale	20⅛ Dec 28	21⅜ Dec 5	18⅞ Oct 23	24⅜ Feb 13
81,100	1,060,600	Eastern Air Lines	1	26⅝	Sale	20⅜	Sale	19⅜	Sale	19⅜ Dec 31	22¾ Dec 6	15⅞ July 3	27¾ Jan 23
		Eastern Gas & Fuel Assn—											
60,800	965,100	Common	10	50½	Sale	43	Sale	46¾	Sale	42¾ Dec 3	47⅜ Dec 27	31¾ May 29	55⅜ Feb 16
2,130	16,960	4½% prior preferred	100	87½	88	93	Sale	90	91	90 Dec 26	93½ Dec 7	80½ Jun 22	93½ Dec 7
46,900	374,400	Eastern Stainless Steel	2.50	19⅜	Sale	13½	Sale	12⅜	Sale	11⅝ Dec 19	13⅞ Dec 4	9⅛ Oct 24	21⅛ Jan 4
101,400	1,936,400	Eastman Kodak common	10	110⅞	Sale	108	Sale	108⅞	Sale	106¾ Dec 18	110½ Dec 13	85 Jun 25	115⅞ Mar 15
470	7,650	$3.60 preferred	50	96¾	98	99½	Sale	99½	101	99½ Dec 3	100 Dec 10	97⅜ Mar 7	101 July 9
44,800	555,200	Eaton Mfg Co	1	38⅝	Sale	34⅞	Sale	34¾	Sale	33⅛ Dec 24	34⅞ Dec 3	30 May 29	40⅜ Mar 23
7,500	60,900	Edison Bros Stores com	1	87½	Sale	58½	59	55¼	Sale	54¼ Dec 26	60¾ Dec 10	52 Jun 25	88½ Jan 3
10	9,450	4¼% preferred	100	90	Sale	91	92½	92½	95	92½ Dec 19	92½ Dec 19	89 Jan 18	94 Aug 23
38,600	459,200	Ekco Products com	2.50	25½	26½	28⅝	Sale	29½	Sale	26¾ Dec 19	29½ Dec 31	22 May 29	33¾ Nov 26
----	255	4½% preferred	100	94¾	96½	100¼	--	99½	--	-- ------	-- -----	95 Feb 20	101 Nov 30
		Elastic Stop Nut Corp											
9,100	121,900	of America	1	27¼	Sale	36	Sale	32	32¼	31 Dec 24	36⅞ Dec 5	26 Jun 27	37⅛ Nov 30
6,000	161,200	Electric Auto-Lite (The)	5	57⅛	57½	51⅝	Sale	49¼	Sale	48¾ Dec 10	52 Dec 4	46⅝ Jun 25	63¾ Mar 5
40,800	643,800	Electric Bond & Share	5	31⅜	Sale	28¼	Sale	26¼	Sale	26⅛ Dec 27	28¾ Dec 6	22⅞ Jun 27	33⅜ Jan 30
		Elec & Musical Industries—											
144,100	1,761,200	American shares	10s	6	Sale	6	Sale	6⅛	Sale	5½ Dec 10	6⅛ Dec 31	4¼ Sep 24	6¼ Jan 2
12,200	202,300	Electric Storage Battery	10	48¾	Sale	49½	Sale	50½	Sale	48¾ Dec 4	51 Dec 13	41 Jun 25	56⅛ Feb 16
64,700	153,000	Electronics Associates Inc	1	--	--	33	Sale	35¾	Sale	32¼ Dec 4	38¾ Dec 17	23¾ Sep 24	38¾ Dec 17
39,200	309,800	Elgin National Watch Co	5	14⅞	Sale	11	Sale	9¾	Sale	9¼ Dec 24	11⅜ Dec 4	8 Jun 25	16 Jan 5
661,200	5,191,500	El Paso Natural Gas	3	25⅞	Sale	17	Sale	17	Sale	16¼ Dec 24	17¼ Dec 4	15 Oct 19	26⅝ Jan 26
79,900	‡1,060,900	Emerson Electric Mfg	1	--	--	29¾	Sale	29	Sale	28¼ Dec 17	30 Dec 5	‡22⅛ Oct 24	42 Feb 13
63,800	817,200	Emerson Radio & Phono	5	12¾	Sale	10½	Sale	9⅞	Sale	9⅝ Dec 31	11½ Dec 6	7⅛ Oct 24	15⅜ Mar 16
6,400	15,300	Emery Air Freight Corp	20c	--	--	34¾	Sale	37½	Sale	33½ Dec 12	37½ Dec 31	31⅜ Nov 5	36½ Dec 27
4,400	91,200	Empire Dist Electric Co	10	44⅛	Sale	42¼	44	42⅝	43½	42 Dec 11	43½ Dec 17	35⅛ Jun 25	49½ Mar 30
29,600	221,700	Endicott Johnson com	25	23	Sale	15⅛	Sale	13⅝	Sale	13½ Dec 11	15⅛ Dec 3	12 Oct 24	23¼ Jan 2
1,370	21,670	4% preferred	100	60½	Sale	63½	Sale	62⅞	Sale	59½ Dec 14	64 Dec 5	55 Jun 25	68 Aug 22
9,800	162,900	Englehard Industries	1	22½	Sale	21¾	Sale	20	Sale	19½ Dec 28	21¾ Dec 3	18¼ May 29	26⅝ Feb 1
15,800	189,400	Equitable Gas Co	8.50	44⅛	44½	39⅞	Sale	38	Sale	37⅞ Dec 27	39⅞ Dec 3	34½ May 29	47¼ Jan 26
199,500	1,057,300	Erie-Lackawanna RR Co	*	4	Sale	3⅛	Sale	2½	Sale	2⅜ Dec 31	3½ Dec 3	2 Oct 30	4½ Jan 3
4,930	32,120	5% preferred series A	100	19	19½	16¾	Sale	14½	Sale	14¼ Dec 28	17 Dec 4	11¼ Nov 5	21½ Jan 9
30	950	Erie & Pitts RR Co	50	57	Sale	56½	60	58½	60	58½ Dec 10	60 Dec 10	57 Jun 2	61 May 17
39,100	595,800	Eurofund Inc	1	20	Sale	15¾	Sale	13⅞	Sale	13⅞ Dec 31	16⅛ Dec 7	12 Jun 25	20½ Jan 3
37,400	338,000	Evans Products Co	5	11¼	Sale	10⅝	Sale	9½	Sale	9¼ Dec 26	10⅝ Dec 3	8¼ Jun 25	14 Mar 9
49,600	557,100	Eversharp Inc	1	36¾	Sale	26	Sale	24½	Sale	23¾ Dec 7	26¼ Dec 5	16¼ Oct 23	36⅞ Jan 2
17,300	71,100	Ex Cell-O Corp	3	41	Sale	42¼	Sale	40¾	Sale	40¾ Dec 31	43 Dec 4	34¼ Sep 27	49⅛ Apr 9
22,900	567,100	Factor (Max) & Co cl A	1	42	Sale	38½	Sale	38⅜	Sale	36 Dec 19	38⅞ Dec 3	24 May 29	46⅛ Mar 14
7,500	32,200	Fairbanks Morse & Co	*	20	21	12½	Sale	11¼	Sale	11 Dec 27	12½ Dec 3	10¼ Oct 29	21¾ Feb 7
		Fairbanks Whitney Corp—											
274,500	2,525,600	Common	1	8¼	Sale	4⅞	Sale	4⅜	Sale	4¼ Dec 27	5⅛ Dec 5	4 May 29	8⅞ Feb 14
8,200	62,400	$1.60 conv preferred	40	22⅜	Sale	16¾	Sale	16⅜	Sale	15¾ Dec 11	18 Dec 5	15 Nov 16	23⅛ Mar 12
		Fairchild Camera &											
266,900	2,909,600	Instrument Corp	1	63	Sale	47⅝	Sale	45¼	Sale	44⅝ Dec 24	50⅞ Dec 5	31 Jun 14	70½ Mar 21
96,500	1,369,300	Fairchild Stratos	1	9⅜	Sale	7¾	Sale	7⅛	Sale	7⅛ Dec 24	8⅜ Dec 5	5½ May 29	11½ Feb 13
23,300	273,700	Fairmont Foods common	50c	32⅝	Sale	21½	Sale	23	Sale	20⅛ Dec 11	23⅜ Dec 31	19½ May 29	32⅝ Jan 2
30	1,490	5% junior preferred	50	52	Sale	50	Sale	51	51½	50 Dec 3	50½ Dec 21	50 Nov 27	52¾ Feb 21
10,200	197,600	Falstaff Brewing Corp	1	37⅝	Sale	31	Sale	30¼	Sale	28½ Dec 19	31½ Dec 3	27½ Oct 24	39½ Mar 8
56,200	349,300	Family Finance Corp	1	26	Sale	26⅝	Sale	27	Sale	25⅞ Dec 3	27⅜ Dec 28	20 May 28	29 Mar 29
48,500	513,200	Fansteel Metallurgical	5	28	Sale	19¼	Sale	17⅞	Sale	17¼ Dec 24	19½ Dec 3	13⅝ Jun 25	28 Jan 2
9,500	151,500	Fawick Corp	2	7¾	Sale	7⅞	Sale	8¼	Sale	7¾ Dec 3	9¼ Dec 5	6⅜ Jun 25	10¼ Mar 13
43,100	562,400	Fedders Corp	1	23⅛	Sale	15¾	Sale	15⅝	Sale	15⅛ Dec 10	16⅛ Dec 27	11⅞ Oct 24	23¾ Feb 5
25,000	285,600	Fed-Mogul-Bower Bear	5	37	Sale	37⅝	Sale	38¾	Sale	37⅛ Dec 12	40¼ Dec 5	31 Jun 25	42⅝ Mar 15
90,900	540,200	Federal Pacific Elec com	1	13¼	Sale	7⅝	Sale	7	Sale	7 Dec 12	7⅞ Dec 4	6⅝ Oct 24	14¼ Feb 2
3,300	34,000	5½% conv 2nd pfd A	23	20	Sale	16⅝	17	16½	Sale	16¼ Dec 11	17¼ Dec 7	14¾ Oct 25	22¼ Feb 7
8,000	98,600	Federal Paper Board com	5	41	Sale	36½	Sale	38	Sale	35¾ Dec 5	38⅞ Dec 21	30¼ Oct 25	44⅜ Feb 7
1,900	37,300	4.60% preferred	25	23½	24	23½	24	23⅜	23⅝	23⅛ Dec 17	23¾ Dec 10	22½ July 11	24 May 10
109,500	931,500	Federated Dept Stores	1.25	54	Sale	44⅛	Sale	43⅛	Sale	42⅞ Dec 28	46¼ Dec 6	37½ Jun 27	54½ Jan 2
21,500	258,000	Fenestra Inc	10	11⅜	Sale	15¾	Sale	15½	Sale	15 Dec 26	17 Dec 6	10⅛ May 29	17 Dec 6
21,900	252,200	Ferro Corp	1	52⅝	Sale	37¾	Sale	35⅜	Sale	34 Dec 18	38¼ Dec 5	29 Oct 24	53½ Feb 6
49,600	617,700	Fibreboard Paper Products	*	30¾	Sale	24½	Sale	24⅛	Sale	23½ Dec 28	27 Dec 17	18⅛ Jun 25	31⅞ Feb 15
51,600	457,500	Fifth Ave Coach Lines	10	19¾	Sale	26⅞	Sale	26½	Sale	25¾ Dec 28	28½ Dec 5	14 May 29	28½ Dec 5
26,000	489,400	Filtrol Corp	1	24¾	Sale	29	Sale	27½	Sale	26¾ Dec 18	29¾ Dec 5	22½ May 29	35⅛ Mar 15
50,800	‡775,400	Financial Federation Inc	1	--	--	65¼	Sale	69¾	Sale	63 Dec 18	71⅜ Dec 10	‡47⅝ Oct 24	142 Jan 22
102,800	1,393,800	Firestone Tire & Rubber	*	44⅝	Sale	32¾	Sale	35⅛	Sale	32⅛ Dec 11	35½ Dec 28	25¼ Oct 24	48⅝ Mar 21
120,100	1,984,900	First Charter Financial	*	50¼	Sale	31⅜	Sale	32	Sale	30⅜ Dec 3	34⅞ Dec 7	23⅞ Oct 23	50¼ Jan 2
31,800	257,900	First National Stores	*	72	Sale	48	Sale	50	Sale	46½ Dec 17	51 Dec 31	43¼ Oct 24	72½ Jan 2
38,700	262,300	Fischbach & Moore Inc	1	--	--	18¼	Sale	18⅞	Sale	18⅛ Dec 3	19½ Dec 12	12 May 29	20⅞ May 8
86,000	979,900	Flintkote Co common	5	24¼	Sale	18⅛	Sale	17⅝	Sale	17¼ Dec 18	18¾ Dec 5	13⅞ Oct 23	26¼ Mar 16
310	1,840	$4 preferred	*	82	84	83½	84½	84	Sale	84 Dec 14	84 Dec 14	80¾ Aug 1	87 Mar 8
840	10,550	$4.50 conv A 2nd pfd	100	97½	Sale	89	90	90	92	89½ Dec 5	91½ Dec 10	85 Oct 24	104 Mar 16
5,000	32,300	$2.25 conv B 2nd pfd	*	44¼	45¼	40	41½	41	Sale	39 Dec 14	41 Dec 27	35½ Jun 26	46 Feb 13
16,600	146,600	Florida East Coast Ry Co	25	5¼	Sale	5¾	Sale	5¼	Sale	5¼ Dec 17	6¼ Dec 4	3¾ Jun 25	6¼ Feb 5
38,900	611,900	Florida Power Corp	2.50	46	Sale	41	Sale	44⅛	Sale	41 Dec 3	44⅛ Dec 31	28¼ Jun 25	47 Jan 3
55,900	1,302,700	Florida Power & Lt Co	*	76	Sale	68¾	Sale	67⅜	Sale	65¾ Dec 19	69¼ Dec 4	48⅛ Jun 25	82⅜ Feb 8
32,400	377,500	Fluor Corp Ltd	2.50	29⅜	Sale	15¾	Sale	14	Sale	14 Dec 31	15¾ Dec 3	12⅝ Oct 24	30⅛ Mar 1
85,000	‡384,900	FMC Corp	10	--	--	37	Sale	36⅜	Sale	35 Dec 23	39 Dec 7	‡29⅛ Oct 24	39 Dec 7
83,000	567,900	Food Fair Stores common	1	40	Sale	22¼	Sale	21⅜	Sale	20½ Dec 18	23⅛ Dec 5	18¾ Oct 26	40¼ Jan 2
200	1,440	$4.20 pfd. ser 1951	15	88	89½	94½	Sale	94½	97	94½ Dec 3	96 Dec 21	89 Jan 22	96 Dec 21
29,200	515,600	Food Giants Market com	1	29⅛	Sale	18	Sale	17¼	Sale	17 Dec 27	19¼ Dec 5	13½ May 29	29⅜ Jan 3
1,100	13,200	4% conv preferred	10	21¼	22	13¼	13⅞	12⅜	13	12¼ Dec 28	14 Dec 4	11 May 29	21¼ Jan 8
13,500	172,400	Food Mart Inc	2	14⅜	Sale	11⅞	Sale	11½	Sale	11⅜ Dec 14	12½ Dec 6	10¼ Jun 25	14¾ Jan 3
86,700	373,500	Foote Mineral Co	1	18¾	Sale	11¼	Sale	10¾	Sale	10 Dec 19	12¾ Dec 7	8½ Oct 18	20⅛ Mar 29
497,500	‡3,804,100	Ford Motor Co	2.50	--	--	45⅛	Sale	45⅛	Sale	44⅛ Dec 10	47 Dec 26	‡36⅛ Jun 26	47 Dec 26
201,900	1,611,000	Foremost Dairies Inc	2	13¾	Sale	9¼	Sale	8¾	Sale	8⅛ Dec 24	9⅜ Dec 3	7⅛ Oct 24	14⅜ Jan 4
16,700	298,300	Foster-Wheeler Corp	10	38⅛	Sale	31	Sale	28½	Sale	28¼ Dec 27	32⅛ Dec 7	22⅜ Oct 24	45¾ Feb 8
24,700	305,800	Foxboro Co	1	66	Sale	33⅜	Sale	29¾	Sale	28⅝ Dec 18	33½ Dec 3	25 Oct 24	67 Feb 1
8,200	249,000	Fram Corp	50c	34¼	Sale	33⅛	Sale	30⅛	Sale	29⅝ Dec 27	33½ Dec 3	28⅛ Oct 22	42⅛ Apr 11
9,300	119,600	Franklin Stores Corp	1	19¼	Sale	9⅝	Sale	9	Sale	8¼ Dec 28	9⅞ Dec 3	7⅞ Oct 29	19⅝ Jan 3
103,100	1,096,600	Freeport Sulphur Co	10	27½	Sale	23¼	Sale	22¾	Sale	21⅛ Dec 19	23⅞ Dec 4	19¼ Oct 3	29⅝ Jan 12
100,000	873,200	Friden Inc	33⅓c	53¾	Sale	29⅞	Sale	29⅜	Sale	28⅝ Dec 31	32⅞ Dec 6	23¼ Oct 24	56 Jan 2
143,200	2,116,500	Fruehauf Trailer com	1	25½	Sale	24⅛	Sale	25	Sale	24 Dec 11	25¼ Dec 5	17⅛ May 29	27½ Feb 15
650	5,090	4% preferred	100	84	86	85¼	86½	84	Sale	84 Dec 13	85 Dec 5	78½ May 29	85 Nov 20
8,500	923,400	Gabriel Co (The)	1	15⅛	Sale	19¾	Sale	19⅛	Sale	18¾ Dec 24	19⅞ Dec 3	14⅞ Jan 2	25¾ Apr 11
22,900	591,700	Gamble-Skogmo Inc	5	36⅞	Sale	38⅝	Sale	43⅝	Sale	37⅛ Dec 10	43⅝ Dec 31	30¼ Oct 24	46¾ May 22
39,900	278,400	Gardner-Denver Co	5	51	Sale	43	Sale	48¼	Sale	43 Dec 3	48¼ Dec 31	35 July 24	51 Jan 2
21,300	397,500	Garrett Corp (The)	2	54½	Sale	45¼	Sale	42⅜	Sale	42 Dec 31	46 Dec 5	35¼ Jun 25	58 Feb 21
33,800	268,600	Gar Wood Industries com	1	4	Sale	3	Sale	3	Sale	2⅞ Dec 20	3⅛ Dec 4	2½ Oct 24	4½ Mar 19
1,400	14,700	4½% conv preferred	50	27	27½	20¾	Sale	18¼	Sale	18¼ Dec 31	20¾ Dec 3	18¼ Jun 14	27½ Jan 10
14,500	221,400	General Acceptance Corp	1	26¾	Sale	19⅞	Sale	19⅞	Sale	19¼ Dec 12	20⅛ Dec 27	17¼ May 29	26¾ Jan 2
3,300	60,300	60c conv preferred	*	14½	Sale	11⅛	11½	12⅛	12½	11¼ Dec 6	12½ Dec 26	10⅝ Jun 27	14¾ Jan 4
9,100	188,300	Gen American Investors	1	29⅜	Sale	29½	Sale	28¾	29	28 Dec 13	30 Dec 24	23⅛ Jun 26	32⅛ Feb 16
70	3,560	$4.50 preferred	100	94½	95½	98½	99½	95	96	96½ Dec 28	96½ Dec 28	94½ Jan 8	102 May 7

For footnotes, see page 29

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
162,000	1,520,200	Gen Amer Oil of Texas	5	33½	Sale	36	Sale	37¼	Sale	33 Dec 18	38⅜ Dec 24	28½ Oct 23	44¼ May 11
36,400	464,500	Gen Amer Transp Corp	1.25	84¾	Sale	67	Sale	70½	Sale	66 Dec 12	71¾ Dec 27	52¼ Jun 25	86 Feb 6
48,700	462,200	General Baking Co com	5	6⅝	Sale	7½	Sale	7¾	Sale	7⅜ Dec 3	8⅛ Dec 5	5½ Jun 26	8¼ May 23
1,680	23,990	$8 preferred	*	80	Sale	90	Sale	91¾	Sale	90 Dec 13	97½ Dec 4	70 Jun 28	99 Nov 16
19,200	218,700	General Bancshares Corp	2	11⅜	Sale	8¼	Sale	9	Sale	8¼ Dec 3	9¼ Dec 10	8 Jun 15	11⅜ Jan 2
11,300	136,900	General Bronze Corp	5	16⅜	Sale	14⅜	14⅝	13¾	Sale	13⅝ Dec 18	15 Dec 4	10¾ Jun 26	20½ Jan 9
17,700	223,700	General Cable Corp com	*	40	Sale	38¾	Sale	36¾	Sale	36½ Dec 28	39¼ Dec 5	32 Oct 23	42⅜ Mar 15
490	6,390	4% 1st preferred	100	81	Sale	83¾	86	83½	84¼	83 Dec 13	85 Dec 6	79½ Jan 8	85 Dec 6
20,700	220,900	General Cigar Inc	1	41½	Sale	28½	Sale	30¼	Sale	27½ Dec 14	30⅜ Dec 27	27 Jun 27	46¼ Mar 20
36,600	407,600	Gen Contract Fin Corp	2	6⅛	Sale	5⅜	Sale	5⅛	Sale	5⅛ Dec 26	5½ Dec 7	4¼ Oct 24	6¾ Apr 19
51,200	369,200	General Controls Co	5	14⅜	Sale	15⅛	Sale	14¾	Sale	14¾ Dec 20	15¼ Dec 4	8⅝ May 29	16½ Jan 9
448,400	5,733,500	Gen Dynamics Corp	1	29⅜	Sale	30⅞	Sale	28⅜	Sale	28¼ Dec 28	32⅜ Dec 5	20 Jun 25	36¾ Feb 1
276,400	4,316,600	General Electric Co	5	75¼	Sale	74⅝	Sale	76¾	Sale	74⅛ Dec 3	77⅝ Dec 12	54¼ Jun 25	78½ Mar 12
5,200	51,000	General Finance Corp	1	50½	Sale	39¼	Sale	40	40¼	39¼ Dec 3	40½ Dec 7	35¼ July 27	53¼ Mar 5
128,300	1,571,700	General Foods Corp	*	95⅞	Sale	74¼	Sale	78½	Sale	73⅝ Dec 4	78½ Dec 31	57¾ Jun 25	96 Jan 2
129,700	1,257,000	General Instrument Corp	1	28¼	Sale	13½	Sale	11⅛	Sale	11⅛ Dec 31	13¾ Dec 6	10⅛ Oct 22	30 Jan 4
76,400	1,181,000	General Mills com	3	33¾	Sale	30⅝	Sale	31⅝	Sale	30⅜ Dec 3	32¼ Dec 5	21½ May 29	33⅞ Jan 2
540	18,750	5% preferred	100	109½	Sale	116½	Sale	115	Sale	113¾ Dec 10	116½ Dec 3	108 Jun 1	116½ Dec 3
1,032,300	10,565,150	Gen Motors Corp com	1⅔	57⅛	Sale	55⅜	Sale	58⅛	Sale	55 Dec 3	59⅝ Dec 20	44½ Jun 25	59⅝ Dec 20
8,300	121,100	$5 preferred	*	108⅞	Sale	113¾	114	115⅛	Sale	113⅞ Dec 4	115⅝ Dec 21	106½ May 29	115⅝ Dec 21
6,300	65,400	$3.75 preferred	*	84¾	Sale	86½	Sale	88½	Sale	86½ Dec 3	88½ Dec 31	81⅝ Jun 27	88½ Dec 31
6,300	145,500	General Outdoor Advert'g	15	41⅝	Sale	35¾	Sale	36½	Sale	35¾ Dec 3	38¼ Dec 17	30¼ Jun 14	43¾ Aug 14
92,100	1,067,900	Gen Portland Cement	1	29⅝	Sale	19¾	Sale	17⅞	Sale	17⅛ Dec 21	19¾ Dec 3	15 Oct 24	30¾ Mar 1
95,600	1,070,900	Gen Precision Equip com	1	58½	Sale	35	Sale	34⅛	Sale	31½ Dec 19	35⅝ Dec 5	26⅝ Jun 25	59 Jan 9
450	4,040	$1.60 conv preferred	*	43⅛	Sale	36½	37½	38	38½	36½ Dec 4	38 Dec 21	34⅞ Oct 19	44½ Feb 9
84,000	1,083,600	General Public Service	10c	7⅝	Sale	5⅞	Sale	5⅝	Sale	5⅜ Dec 21	6 Dec 3	4½ May 29	7⅝ Jan 2
206,300	1,416,600	Gen Public Utilities	2.50	33⅜	Sale	31½	Sale	32⅛	Sale	30½ Dec 17	32⅜ Dec 31	25⅝ May 23	37⅛ Mar 22
24,300	301,900	Gen Railway Signal	6.67	40⅝	Sale	27	Sale	26⅝	Sale	25¾ Dec 5	28⅞ Dec 18	21¼ Nov 1	44¼ Jan 5
49,100	1,408,800	General Refractories	5	21¾	Sale	13	Sale	11½	Sale	11¼ Dec 14	13 Dec 3	9 Oct 18	22¼ Mar 28
16,700	264,600	General Steel Industries	1	37¼	Sale	36¼	Sale	35	Sale	34½ Dec 19	36⅝ Dec 5	28½ Jun 15	41 Mar 14
		General Tel Co of Florida—											
1,000	31,600	$1.30 pfd series B	25	26½	Sale	27½	28	27	Sale	26¾ Dec 21	27⅝ Dec 6	26 May 29	28 Mar 6
1,000	30,800	$1.25 preferred	25	25⅞	Sale	27½	28	27¼	27⅝	26½ Dec 21	28 Dec 4	25⅛ July 26	28 Dec 4
446,300	6,834,600	General Telephone & Electronics Corp	3.33⅓	29	Sale	23½	Sale	22½	Sale	22½ Dec 18	24⅜ Dec 6	18½ Oct 24	29 Jan 2
136,500	1,528,700	General Time Corp	2.50	15⅝	Sale	10⅞	Sale	10⅜	Sale	10⅛ Dec 25	12¼ Dec 7	6⅞ Oct 24	19⅝ Feb 20
		General Tire & Rubber Co—											
253,600	‡3,373,000	Common	30c	--	--	22⅜	Sale	20¾	Sale	20⅛ Dec 24	23¾ Dec 5	‡16 Oct 22	30¼ Apr 4
380	9,990	$5 preference	100	99	100	100	101	102½	Sale	100 Dec 12	102½ Dec 31	97 Jun 25	102½ Feb 23
70	12,250	5½% preference	100	104	106	104	105¼	103	105	103 Dec 27	103 Dec 27	100 Jun 14	106¾ Apr 13
140,000	549,200	Genesco Inc	1	41¼	Sale	36¾	Sale	35⅞	Sale	35⅛ Dec 19	36¾ Dec 3	33⅝ July 2	42⅜ Feb 19
142,300	1,417,300	Georgia-Pacific Corp	80c	57½	Sale	42¾	Sale	47¼	Sale	41½ Dec 11	47½ Dec 31	30⅛ Jun 25	58¼ Jan 3
11,600	231,700	Gerber Products	5	62¼	Sale	51	Sale	54¾	Sale	50⅝ Dec 3	55¼ Dec 27	40¼ May 29	62¾ Jan 2
107,200	1,261,900	Getty Oil Co	4	15⅝	Sale	17⅛	Sale	18	Sale	16⅜ Dec 10	18⅛ Dec 4	12⅛ Jun 25	20 Feb 16
49,500	378,800	Giant Portland Cement Co	1	18⅛	Sale	14⅞	Sale	15	Sale	14⅛ Dec 13	15⅜ Dec 7	12 May 29	19 Feb 21
23,400	290,500	Gibraltar Financial	1	--	--	29	Sale	28⅜	Sale	27⅜ Dec 20	31½ Dec 10	21½ Oct 23	53 Mar 5
3,600	48,100	Gibson Greeting Cards Inc	5	--	--	33¼	Sale	33	34	32½ Dec 3	34⅛ Dec 24	23¾ Jun 27	34⅜ Nov 29
478,200	3,249,100	Gillette (The) Co	1	54⅜	Sale	33	Sale	31½	Sale	30 Dec 19	33¼ Dec 4	28¼ Oct 24	55 Jan 2
30,500	‡363,100	Gimbel Brothers	5	--	--	36	Sale	33	Sale	32⅝ Dec 31	37¾ Dec 7	‡29¼ Oct 26	43¾ Mar 15
26,900	578,900	Ginn & Co	1	28	Sale	26¾	Sale	23⅛	Sale	23 Dec 10	26¾ Dec 3	16⅜ July 6	32⅜ Mar 21
86,000	1,681,500	Glen Alden Corp	1	13⅛	Sale	11	Sale	10	Sale	9⅞ Dec 17	11⅛ Dec 5	8⅜ Jun 25	14⅝ Feb 14
25,700	292,900	Glidden Co	10	43⅞	Sale	37	Sale	35¾	Sale	34¾ Dec 18	38¼ Dec 7	32¾ Oct 24	45½ Feb 14
2,900	‡6,800	Globe-Union Inc	5	--	--	20⅛	20½	19⅞	Sale	19 Dec 21	20⅛ Dec 4	‡19¼ Dec 24	21⅛ Nov 14
14,000	150,300	Globe-Wernicke Inc	5	13¾	Sale	12¾	Sale	12¾	Sale	11½ Dec 20	13⅜ Dec 6	9½ May 29	15¼ Feb 1
116,800	1,438,200	Goodrich (B F) Co	10	71⅝	Sale	45	Sale	42⅞	Sale	41⅜ Dec 19	46 Dec 5	36⅜ Oct 22	72½ Jan 4
212,700	2,347,200	Goodyear Tire & Rubber	*	44	Sale	32⅞	Sale	32⅝	Sale	31⅛ Dec 7	33⅝ Dec 20	24⅞ Oct 24	44¾ Jan 2
10,900	211,500	Gould-Natl Batteries Inc	4	49½	Sale	37¾	Sale	36¾	Sale	35¾ Dec 28	40¾ Dec 6	30⅞ Jun 21	54⅞ Feb 9
163,500	‡1,125,700	Grace (W R) & Co	1	--	--	39	Sale	40¾	Sale	38 Dec 11	41¼ Dec 20	‡25⅜ Jun 14	41¼ Dec 20
		Granby Consolidated Mining											
13,900	124,600	Smelting & Power Ltd	5	18	Sale	17⅜	Sale	18	Sale	16¼ Dec 20	18 Dec 31	12½ Jun 21	20¼ Jan 29
90,300	981,300	Grand Union Co	5	34⅛	Sale	16⅝	Sale	15½	Sale	15⅛ Dec 26	16⅝ Dec 3	12⅜ Oct 24	34¼ Jan 2
59,300	771,600	Granite City Steel	6.25	49¼	Sale	30⅜	Sale	27¾	Sale	27 Dec 21	31 Dec 4	21½ Oct 22	49¼ Jan 2
44,900	320,700	Graniteville Co	5	--	--	12⅜	Sale	12⅝	Sale	12¼ Dec 24	13⅛ Dec 10	10½ May 29	15¼ Apr 11
61,800	643,500	Grant (W T) Co com	2.50	29¼	Sale	20⅛	Sale	20⅛	Sale	19⅞ Dec 4	20⅞ Dec 5	17¼ Oct 22	29½ Jan 2
360	7,580	3¾% preferred	100	76¼	Sale	81	Sale	81	81⅞	81 Dec 3	83 Dec 12	75 July 2	83 Dec 12
86,800	1,577,300	¶Grayson-Robinson Stores	1	22	Sale	5⅛	Sale	3¼	Sale	3⅛ Dec 27	5⅛ Dec 3	3⅛ Dec 27	25⅛ Jan 5
133,100	1,480,500	Great Atlantic & Pac Tea	1	59½	Sale	39¼	Sale	39½	Sale	36⅜ Dec 18	39⅞ Dec 5	34 Oct 23	60⅞ Jan 2
117,400	419,400	Great North Iron Ore Prop	*	22½	Sale	17½	Sale	14	Sale	14 Dec 18	17¾ Dec 4	14 Dec 18	24¼ Feb 8
34,300	236,700	Great Northern Paper Co	25	55⅞	Sale	36¼	Sale	35⅜	Sale	33¾ Dec 19	37¼ Dec 3	30¼ Oct 24	62½ Feb 6
75,800	885,600	Great Northern Ry	*	45	Sale	44⅜	Sale	43¾	Sale	41 Dec 10	45¼ Dec 5	34⅞ Oct 26	47⅜ Feb 1
250,600	3,428,700	Great Western Financial	1	42¾	Sale	17½	Sale	18⅛	Sale	16⅜ Dec 18	18⅝ Dec 11	12¾ Oct 23	42¾ Jan 2
9,600	115,500	Great Western Sugar com	*	34¾	Sale	34	Sale	34	Sale	33 Dec 17	34⅛ Dec 3	30 May 29	35⅞ Feb 28
1,250	11,670	7% preferred	100	141½	143	146	Sale	144	145½	144 Dec 5	146½ Dec 3	137½ July 3	147 Sep 17
6,200	132,600	Green Shoe Mfg Co	3	36	Sale	30	Sale	29¼	29¾	29¼ Dec 28	30⅜ Dec 10	22⅛ Jun 26	36¼ Jan 2
89,800	1,056,600	Greyhound Corp common	3	25	Sale	32⅛	Sale	31⅞	Sale	31 Dec 11	33¼ Dec 31	21½ May 29	32¾ Nov 29
17,400	140,800	4½% conv pref	50	--	--	63½	Sale	63¼	Sale	61¼ Dec 14	63½ Dec 3	53 Jun 14	64⅞ Nov 26
176,000	1,605,900	Grumman Aircraft Eng Corp	1	37⅛	Sale	44	Sale	44½	Sale	44 Dec 3	47¼ Dec 5	30 May 29	47¼ Dec 5
32,200	338,900	Gulf Mobile & Ohio RR	*	25⅛	Sale	29½	Sale	30	Sale	29 Dec 4	30⅝ Dec 5	20⅜ Jun 27	30⅝ Dec 5
800	14,260	$5 preferred	*	75	76⅜	79	80	81½	Sale	79¾ Dec 7	81½ Dec 31	70⅜ Jun 27	81½ Dec 31
232,200	3,280,500	Gulf Oil Corp	8.33⅓	41½	Sale	38⅜	Sale	39⅞	Sale	38¼ Dec 3	40 Dec 20	30¾ Oct 24	44¼ Apr 19
88,000	782,400	Gulf States Utilities com	*	39⅝	Sale	36	Sale	34¾	Sale	33½ Dec 14	36⅞ Dec 5	27½ May 29	43¾ Apr 12
110	1,560	$4.20 preferred	100	87¼	88½	93¼	94½	95¼	96¼	94½ Dec 26	94½ Dec 26	87½ Jan 3	94¾ May 11
370	7,990	$4.40 preferred	100	90	Sale	95	Sale	95¼	96¼	93½ Dec 10	96¼ Dec 27	90 Jan 2	97 Mar 7
----	460	$4.44 preferred	100	93½	95	96½	98	97½	100	-- ------	-- ----	93 July 24	97½ Jun 12
280	2,110	$5 preferred	100	103	104½	105½	106½	107	108	106¼ Dec 5	107 Dec 17	103½ July 18	107 Dec 17
110	3,170	$5.08 preferred	100	104½	106	106½	107½	106½	108	106 Dec 10	107½ Dec 27	105 Jan 10	108½ Mar 14
41,900	327,800	Gustin-Bacon Mfg Co	2.50	39¼	Sale	20	Sale	20⅞	Sale	19 Dec 4	23⅜ Dec 7	15⅛ Oct 23	41 Mar 12
2,500	‡26,300	Hackensack Water	12.50	--	--	34¾	Sale	37	Sale	34¾ Dec 3	37 Dec 31	‡29 May 29	37⅜ Aug 30
3,600	134,900	Hall (W F) Printing	5	35¼	Sale	29½	Sale	29⅞	Sale	28⅝ Dec 21	29⅞ Dec 3	25½ May 28	36½ Mar 22
131,300	681,600	Halliburton Co	5	54⅞	Sale	50⅞	Sale	52	Sale	50 Dec 3	55½ Dec 20	44⅜ Oct 24	59½ Feb 14
58,500	767,100	Hallicrafters Co	1	27⅜	Sale	13¼	Sale	12¼	Sale	11⅝ Dec 17	13¼ Dec 3	10 May 28	27⅝ Jan 2
5,700	64,700	Hamilton Watch common	1	27½	Sale	23⅝	24½	25⅞	Sale	24 Dec 5	25⅞ Dec 31	18⅜ Jun 27	27½ Jan 2
120	2,640	4% conv preferred	100	105	110	90	95	99	102	95 Dec 5	100 Dec 20	83 July 3	108 Jan 3
7,300	116,100	Hammermill Paper Co	2.50	32	Sale	29¼	Sale	29¼	Sale	28⅛ Dec 19	29¾ Dec 5	26½ Jun 26	36½ Jan 31
77,300	582,800	Hammond Organ Co	1	33⅝	Sale	20½	Sale	22⅜	Sale	19¾ Dec 14	22½ Dec 31	16½ Oct 24	34½ Jan 4
81,800	1,096,400	Hanna (M A) Co	2.50	33¼	Sale	27⅝	Sale	26¼	Sale	25⅝ Dec 21	27⅞ Dec 4	21⅞ Oct 23	34½ Jan 15
		Harbison Walker Refrac—											
33,400	256,900	Common	7.50	47½	Sale	33	Sale	32¼	Sale	30⅛ Dec 11	34⅜ Dec 4	27½ Sep 28	48½ Mar 13
60	1,610	6% preferred	100	123½	Sale	126	128	127½	128	127½ Dec 26	128 Dec 27	122 Aug 3	128½ Apr 13
14,800	340,900	Harcourt Brace & World Inc	1	39	Sale	28½	Sale	27⅝	Sale	27⅝ Dec 31	30½ Dec 5	20¼ July 11	39¼ Jan 2
22,100	376,100	Harris-Intertype Corp	1	75	Sale	52	Sale	53	Sale	49½ Dec 11	54¼ Dec 5	39¼ Jun 25	75¾ Jan 2
34,600	635,600	Harsco Corp	1.25	35¼	Sale	32	Sale	32¼	Sale	30⅛ Dec 17	32⅜ Dec 4	25¼ May 29	38¾ Feb 1
21,100	180,500	Harshaw Chemical Co	5	23½	Sale	19⅞	Sale	19	Sale	19 Dec 20	19⅞ Dec 3	17⅛ May 29	24⅜ Jan 4
22,400	130,800	Hart Schaffner & Marx	5	35¾	Sale	38¾	Sale	41⅝	Sale	38¼ Dec 7	42 Dec 21	30 May 29	42 Dec 21
77,300	686,400	Harvey Aluminum Inc	1	29⅜	Sale	20	Sale	17⅜	Sale	17 Dec 31	20 Dec 3	16 Oct 22	30⅜ Jan 4
7,800	130,300	Hat Corp of Amer com	1	9½	Sale	8	8½	8	Sale	7½ Dec 19	8⅝ Dec 6	6⅛ May 29	9¾ Jan 2
50	5,550	5% preferred	50	40¼	41½	39¾	40	39¾	41	39⅞ Dec 19	40½ Dec 21	38⅜ Jun 27	42 Mar 29
93,300	859,700	Haveg Industries	40c	34¼	Sale	19⅛	Sale	19⅜	Sale	19 Dec 3	22⅜ Dec 7	13 Oct 24	35½ Jan 2
37,700	577,400	Hayes Industries Inc	5	17½	Sale	26	Sale	28⅜	Sale	25 Dec 3	29 Dec 27	17¼ Jan 18	30½ Mar 23
39,300	479,600	Hazeltine Corp	*	31¾	Sale	21	Sale	20⅛	Sale	20⅛ Dec 19	22⅜ Dec 6	15½ Jun 25	31⅞ Jan 4
39,600	405,400	Heinz (H J) Co com	8.33⅓	63¼	Sale	48¾	Sale	45⅞	Sale	44 Dec 17	52 Dec 7	34 Oct 19	64½ Jan 18
110	3,570	3.65% preferred	100	84½	86	85	87	85½	87	84 Dec 7	85 Dec 14	84 Dec 7	88 Mar 2
48,600	573,600	Helene Curtis Indus cl A	1	47⅝	Sale	28¾	Sale	26½	Sale	26¼ Dec 31	30 Dec 5	20½ Oct 24	48 Jan 2
41,700	‡639,800	Heller (W E) & Co	25c	--	--	18	Sale	18	Sale	17⅛ Dec 17	18⅞ Dec 5	‡10⅝ May 29	19¼ Apr 6
2,300	55,100	Helme (G W) Co common	10	42½	Sale	36	Sale	35½	Sale	34⅜ Dec 21	36½ Dec 10	31½ Oct 31	44¾ Jan 17
710	14,960	7% non-cum preferred	25	37	38	37½	38	37¼	38	37¼ Dec 28	38 Dec 4	36 July 13	39½ May 14

For footnotes, see page 29.

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
		Hercules Powder Co—											
102,100	‡1,084,700	Common	1 1/24	--	--	42⅞	Sale	41¾	Sale	41⅝ Dec 4	44¼ Dec 7	‡27¼ Jun 25	50 Mar 21
260	3,350	5% preferred	100	111	112½	113½	115	115	Sale	115 Dec 5	118 Dec 20	110½ Aug 10	118 Dec 20
270	2,970	$2 conv class A pfd	*	80	86	68	72	70	Sale	68½ Dec 21	70 Dec 7	55¼ July 18	82 Jan 3
60,900	‡439,600	Hershey Chocolate	*	--	--	31¾	Sale	32¼	Sale	31¾ Dec 3	35¼ Dec 5	‡25 May 29	40½ Mar 27
49,500	676,200	Hertz Co (The)	1	65	Sale	43¼	Sale	44⅛	Sale	42½ Dec 3	47¾ Dec 20	32⅛ Oct 23	65½ Jan 2
85,800	472,600	Hess Oil & Chemical	50c	--	--	12	Sale	13¾	Sale	11⅞ Dec 3	13⅞ Dec 4	10⅜ Oct 24	15⅜ May 24
46,300	242,900	Heublein Inc	1	--	--	18⅛	Sale	16¾	Sale	16½ Dec 19	18¼ Dec 7	14¼ Oct 24	21⅛ July 10
6,900	105,600	Hewitt-Robins Inc	5	25¼	Sale	20⅞	Sale	19½	Sale	18¾ Dec 24	21 Dec 5	16 Oct 23	29 Feb 14
79,200	1,000,300	Hewlett-Packard Co	1	37	Sale	24⅞	Sale	24⅛	Sale	23⅜ Dec 19	26⅞ Dec 4	15¼ Jun 25	37 Jan 2
		Heyden Newport Chemical—											
45,100	492,600	Common	1	19	Sale	15⅞	Sale	15	Sale	14⅝ Dec 19	16¾ Dec 4	12¾ Jun 25	19⅜ Jan 4
670	12,540	3½% preferred ser A	100	69⅝	70¼	74½	76	74	75	74 Dec 19	75 Dec 11	68¼ Jun 13	76 Nov 29
5,000	44,200	Hill Corp	5	10½	Sale	6	Sale	6	Sale	5¾ Dec 24	6½ Dec 4	5⅝ Sep 18	11 Jan 4
83,400	751,628	Hilton Hotels Corp	2.50	32½	Sale	25⅜	Sale	27½	Sale	25¼ Dec 3	29¼ Dec 12	22 Jun 15	33⅝ Feb 13
58,800	457,700	Hoffman Electronics Corp	50c	17⅛	Sale	10⅛	Sale	9⅜	Sale	9 Dec 31	11⅜ Dec 5	7¼ Oct 24	17¾ Jan 2
27,100	167,900	Holland Furnace	5	8¼	Sale	4½	Sale	3¾	Sale	3½ Dec 19	4½ Dec 3	3¾ Dec 20	8⅞ Feb 1
7,000	69,700	Holly Sugar Corp com	10	36¼	Sale	29¾	30	29¾	Sale	29⅜ Dec 26	31⅝ Dec 10	26¼ Jun 14	36⅝ Mar 9
----	3,600	5% conv preferred	30	30½	Sale	30	30½	29½	30	-- ------	-- ------	30 Jun 7	30⅞ Jan 3
30,500	698,500	Holt Rinehart & Winston	1	40¼	Sale	29½	Sale	30	Sale	28½ Dec 18	31¾ Dec 7	20 July 6	40¼ Jan 2
100,500	851,700	Homestake Mining	12.50	50¼	Sale	46¼	Sale	43⅛	Sale	42 Dec 28	46½ Dec 3	42 Dec 28	60 July 18
56,900	1,027,400	Hooker Chemical Corp com	5	39¾	Sale	34	Sale	34¾	Sale	33½ Dec 11	36¼ Dec 28	26 Jun 25	41⅛ Jan 3
180	2,110	$4.25 preferred	*	87½	89	94½	95½	92½	93½	92½ Dec 20	94½ Dec 11	87½ Jun 25	94½ Dec 11
260	11,050	$5 2nd preferred ser C	*	--	--	101½	Sale	101½	102½	101½ Dec 3	102½ Dec 13	93 Mar 22	104 Jun 1
15,600	231,300	Hoover Ball & Bearing Co	5	26½	Sale	29¼	Sale	30⅜	Sale	28¾ Dec 3	31⅜ Dec 6	24¼ Jun 25	35½ Feb 15
32,800	314,800	Hotel Corp of America	1	4⅜	Sale	3	Sale	2¾	Sale	2½ Dec 20	3 Dec 3	2½ Oct 24	5 Jan 12
1,100	13,700	5% conv preferred	25	16¼	Sale	15½	16	15¼	15½	14¾ Dec 19	15¾ Dec 4	14⅝ Jun 22	17½ Jan 5
12,800	213,900	Houdaille Indus Inc com	3	21¼	Sale	20¾	Sale	18⅝	Sale	18¼ Dec 24	21 Dec 3	16⅛ Jun 25	23¾ Mar 1
900	33,000	$2.25 conv preferred	50	39	40	40	40¾	40⅜	40⅞	39⅜ Dec 21	40⅜ Dec 28	37¾ July 18	41 May 17
33,400	578,800	Household Finance com	*	49½	Sale	47	Sale	47¼	Sale	45⅜ Dec 28	49¼ Dec 14	32¼ Jun 14	57¼ Mar 20
270	8,210	3¾ % preferred	100	77	Sale	80	Sale	80½	81¾	80 Dec 3	81½ Dec 19	75 Aug 6	82½ May 17
140	2,880	4% preferred	100	83	85	87	89	87½	89	87¼ Dec 17	88½ Dec 12	83 Jan 10	89½ Jun 4
380	1,850	4.40% preferred	100	89	91	95½	96½	97	98½	96½ Dec 17	97¼ Dec 28	90 Jan 9	97¼ Dec 28
46,000	508,000	Houston Light & Power	*	116	Sale	105¼	Sale	115½	Sale	104½ Dec 6	115½ Dec 31	74¼ Jun 25	119¾ Mar 9
38,800	167,000	Howard Johnson Co	1	--	--	42¾	Sale	39¼	Sale	39⅛ Dec 11	43¼ Dec 4	32⅛ Oct 24	45¾ Aug 27
6,500	66,700	Howard Stores Corp	1	11½	Sale	10¼	Sale	9⅝	Sale	9⅝ Dec 27	10¼ Dec 3	8 July 2	13 Jan 4
62,500	1,063,900	Howe Sound Co	1	16⅛	Sale	11½	Sale	11⅝	Sale	10¾ Dec 11	11⅝ Dec 3	9¼ Oct 1	17⅜ Feb 8
8,200	117,800	Hud Bay Min & Sm Co Ltd	*	52	Sale	47⅞	Sale	46⅞	Sale	45 Dec 19	47⅞ Dec 3	43¼ May 29	56⅜ Apr 9
		Hunt Foods & Industries—											
112,700	939,100	Common	5	67⅝	Sale	35	Sale	33	Sale	31 Dec 28	35¾ Dec 5	28⅛ Oct 24	68¼ Jan 2
2,720	12,370	5% preferred series A	100	97¼	Sale	98	Sale	99	Sale	98 Dec 3	101 Dec 13	95 Jun 28	101¾ Mar 6
440	4,930	5% preferred series B	100	97	98	98	99	98	99½	98 Dec 4	99 Dec 28	96½ July 6	101 Feb 28
67,300	1,863,000	Hupp Corp common	1	8	Sale	8	Sale	7⅞	Sale	7⅜ Dec 24	8⅛ Dec 6	5⅛ May 29	9¾ Mar 26
700	9,800	5% conv pfd series A	50	39	39⅜	40½	41¼	41¼	Sale	40½ Dec 24	42 Dec 14	37 Jan 18	42 Dec 14
12,200	142,200	Hussmann Regrigerator	5	17⅛	Sale	15½	Sale	16⅛	Sale	15¼ Dec 3	17 Dec 14	13¼ Oct 26	21¼ Feb 13
30,100	395,800	Idaho Power Co	5	37	Sale	29⅜	Sale	33	Sale	29⅜ Dec 3	33½ Dec 28	23¼ May 29	37 Jan 2
46,100	711,000	Ideal Cement Co	5	29½	Sale	24¼	Sale	21⅝	Sale	21 Dec 17	24⅜ Dec 3	18⅜ Sep 27	29½ Jan 2
36,400	601,000	Illinois Central RR Co	*	42⅝	Sale	41⅜	Sale	39½	Sale	39¼ Dec 13	42⅝ Dec 5	31⅛ Jun 25	46¾ Feb 2
		Illinois Power Co—											
35,000	‡43,400	Common	15	--	--	36	Sale	38¼	Sale	36 Dec 3	39⅛ Dec 21	‡28 May 29	41 Apr 30
370	8,390	4.08% preferred	50	43½	Sale	45½	46	46	46½	45½ Dec 10	46 Dec 21	42½ Jan 16	46⅜ May 9
----	2,130	4.26% preferred	50	45	46	47¼	48	48	48½	-- ------	-- ------	44½ July 16	48 Nov 15
130	9,020	4.70% preferred	50	49½	50	51	51½	51½	52½	51 Dec 6	51½ Dec 6	48½ July 3	52¼ May 16
210	5,440	4.42% preferred	50	47	48	49	50	49¼	50	49 Dec 6	49¼ Dec 28	45½ July 19	50 May 25
230	2,210	4.20% preferred	50	44¼	45	46½	46¾	47½	48	46½ Dec 6	47½ Dec 28	44½ Feb 5	46 Mar 5
14,600	312,100	Indiana General Corp	1	36¾	Sale	33	Sale	29⅞	Sale	29½ Dec 28	33⅜ Dec 14	23⅝ May 29	43½ Mar 30
14,500	‡162,300	Indianapolis Power & Lt	*	--	--	29¾	Sale	29¾	Sale	29 Dec 19	31 Dec 7	‡24¾ Jun 25	31 May 21
		Industria Electrica											
4,500	61,700	De Mexico S A	100p	6⅝	Sale	6	Sale	6	6⅛	5⅞ Dec 6	6⅛ Dec 27	5½ May 29	7¼ Feb 19
122,100	892,900	Ingersoll-Rand common	*	86	Sale	63½	Sale	66½	Sale	62½ Dec 3	69¼ Dec 26	50⅛ Sep 26	87 Jan 5
----	610	6% preferred	100	149	150	153½	160	153½	160	-- ------	-- ------	151 Jan 5	155 Jun 19
88,700	1,168,300	Inland Steel Co	*	48½	Sale	41¼	Sale	37¾	Sale	35 Dec 24	41¼ Dec 3	31¼ Jun 26	48¾ Jan 2
9,700	193,300	Inspiration Cons Copper	20	57¼	Sale	53½	Sale	52¾	Sale	52 Dec 18	55 Dec 4	40 May 31	59 Apr 2
7,300	25,200	Insuranshares Ctfs Inc	1	53½	Sale	47	48	51⅜	Sale	46⅝ Dec 4	51⅜ Dec 31	36½ Jun 25	54 Jan 2
27,300	234,600	Interchemical Corp com	5	37¾	Sale	31¾	Sale	31¼	Sale	31 Dec 17	33¾ Dec 6	25 May 29	39¼ Jan 22
260	5,850	4½% preferred	100	91½	92½	96	97	97¼	Sale	96 Dec 4	97¼ Dec 31	90⅝ July 24	98 Apr 26
29,900	313,400	Interlake Iron Corp	1	23⅞	Sale	24⅛	Sale	23¾	Sale	22½ Dec 11	24⅜ Dec 31	20⅛ Oct 24	29 Mar 16
292,700	4,863,200	Int'l Business Machines	5	578½	Sale	393¼	Sale	390	Sale	381½ Dec 18	406 Dec 5	300 Jun 14	578½ Jan 2
70,800	981,600	Inter Harvester common	*	51⅞	Sale	49	Sale	49¾	Sale	47¼ Dec 18	50⅜ Dec 7	43½ Oct 24	57½ Mar 1
1,600	34,470	7% preferred	100	146	Sale	155¼	Sale	157⅛	Sale	154¾ Dec 4	158 Dec 10	145 Jan 2	159¼ Mar 8
		International Minerals &											
15,700	494,000	Chemical Corp com	5	46½	Sale	44	Sale	41⅜	Sale	40⅞ Dec 31	44½ Dec 5	34 Jun 22	57 Feb 16
400	8,200	4% preferred	100	80	82	85	87½	83	85½	83½ Dec 21	84 Dec 12	81 Jan 9	85¾ Mar 6
2,600	75,400	International Mining	5	32	Sale	30¾	Sale	30½	Sale	29 Dec 26	31¼ Dec 6	24¼ Jun 25	32¾ Jan 15
141,500	1,886,000	Internatl Nickel of Canada	*	85⅜	Sale	63⅝	Sale	62½	Sale	60½ Dec 11	65¼ Dec 4	52 Jun 25	85⅝ Jan 3
134,000	1,108,200	International Packers Ltd	1	13¼	Sale	17½	Sale	17⅞	Sale	16⅛ Dec 11	18½ Dec 5	9 Jun 4	18½ Dec 5
		International Paper—											
300,600	4,169,045	Common	2.50	37⅜	Sale	27⅞	Sale	26⅞	Sale	26 Dec 19	28⅞ Dec 10	22⅝ Oct 24	38⅛ Mar 1
500	9,900	$4 preferred	*	95	Sale	97½	98½	98¼	98½	97½ Dec 11	99 Dec 17	95 Jan 2	97½ Feb 16
4,300	14,800	Intl Pipe & Ceramics Corp	1	--	--	30	30½	28½	Sale	28½ Dec 20	30¼ Dec 10	26 Oct 25	30¼ Dec 10
11,800	29,500	5% conv preferred	100	--	--	104	Sale	104¼	Sale	101¼ Dec 5	105 Dec 18	101 Nov 1	105 Dec 18
17,100	64,200	Internatl Rys of Cent Am	*	7½	Sale	7⅞	8	10¾	Sale	8 Dec 6	12 Dec 7	4¾ Jun 28	12 Dec 7
4,010	18,560	5% preferred	100	48	Sale	44½	Sale	50	Sale	44½ Dec 3	55 Dec 17	37 Jun 29	55 Dec 17
63,000	508,300	International Rectifier	1	17¾	Sale	10⅛	Sale	9⅛	Sale	8¾ Dec 24	10¾ Dec 5	7¾ May 29	18⅝ Jan 4
29,400	634,500	Int'l Resistance Co	10c	30⅜	Sale	27⅞	Sale	27¾	Sale	26⅛ Dec 24	29½ Dec 4	18⅛ Jun 25	36 Mar 26
7,300	72,800	International Salt	*	95	Sale	73½	Sale	72¼	Sale	71 Dec 24	75⅛ Dec 7	62 Oct 26	98 Jan 3
36,900	310,600	International Shoe Co	*	27⅝	Sale	24⅞	Sale	25	Sale	23¾ Dec 27	25⅞ Dec 10	21⅝ Oct 25	29 Feb 27
		International Silver—											
16,000	338,500	Common	8.33⅓	29¼	Sale	36⅝	Sale	34½	Sale	34 Dec 31	37½ Dec 10	26 May 29	41¼ Apr 24
----	1,600	7% preferred	25	38¼	39½	39⅛	40	39⅛	40½	-- ------	-- ------	37½ Mar 13	39½ May 4
193,700	2,770,100	International Tel & Tel	*	58½	Sale	43½	Sale	42¼	Sale	41⅞ Dec 24	45½ Dec 5	33 May 28	58½ Jan 2
1,470	32,130	4% conv pfd series B	100	114	Sale	101	Sale	100¼	Sale	99½ Dec 17	102 Dec 5	92 Jun 18	115½ Jan 12
5,100	148,200	International Utilities	5	43¾	Sale	41	Sale	40½	Sale	39½ Dec 19	41¾ Dec 6	31 Jun 25	45 Mar 2
2,300	44,100	$2 conv preferred	25	48⅝	Sale	45	Sale	44¼	45	44 Dec 27	46 Dec 4	41¾ May 25	50¼ Mar 7
82,100	1,304,800	Interstate Dept Stores	1	50	Sale	32	Sale	28⅝	Sale	28⅝ Dec 26	33½ Dec 5	19¾ Oct 24	50⅞ Jan 2
12,000	198,100	Interstate Power Co	3.50	25	Sale	23⅛	Sale	24	Sale	23⅛ Dec 3	24 Dec 26	17⅝ May 29	25½ Jan 3
5,700	77,700	Iowa Elec Light & Pow Co	5	59¾	Sale	54	Sale	55½	Sale	53¾ Dec 10	56 Dec 31	45 Jun 15	59¾ Jan 2
8,300	174,100	Iowa-Illinois Gas & Elec	1	48⅞	Sale	47	Sale	49¼	Sale	46¾ Dec 3	49⅜ Dec 27	40 Jun 21	52¾ Apr 12
16,400	137,400	Iowa Power & Light Co	10	47⅝	Sale	45	Sale	50	Sale	44¾ Dec 3	50¾ Dec 20	38 May 29	50¾ Dec 20
44,200	364,800	Island Creek Coal com	50c	32¾	Sale	20¾	Sale	19⅜	Sale	19¼ Dec 28	22½ Dec 13	17½ Nov 1	33 Jan 2
230	1,470	$6 preferred	1	115	118½	122	123	120	122½	120 Dec 24	123½ Dec 17	118 Jan 24	124½ Aug 30
21,300	256,600	I-T-E Circuit Breaker Co	5	19¼	Sale	15¼	Sale	13¾	Sale	13½ Dec 28	15⅝ Dec 4	12¾ Jun 26	21¼ Mar 8
17,500	102,500	Jaeger Machine Co	5	15½	Sale	11	Sale	10	Sale	9⅞ Dec 28	11¼ Dec 3	9¾ Oct 22	16¼ Jan 10
26,000	307,900	Jefferson Lake Sulphur Co	1	20⅞	Sale	15⅝	Sale	16	Sale	15½ Dec 3	17⅞ Dec 10	11¾ Jun 25	24⅝ Feb 21
		Jersey Central Pwr & Lt—											
590	6,940	4% preferred	100	82¾	83½	86	Sale	84½	86	84¾ Dec 4	86 Dec 3	82 July 9	87½ Jun 14
21,800	348,000	Jewel Tea Inc common	1	75	Sale	53¾	Sale	50½	Sale	49½ Dec 24	58 Dec 6	43⅛ Sep 28	75¼ Jan 2
80	490	3¾% preferred	100	84½	86	86	Sale	96¼	87½	86 Dec 3	86¼ Dec 4	82¼ May 24	88½ Jun 13
99,300	1,211,700	Johns-Manville Corp	5	57	Sale	45⅝	Sale	43	Sale	41⅝ Dec 18	45⅝ Dec 3	38¾ Sep 24	59⅞ Feb 7
18,500	232,000	Johnson & Johnson	5	96	96½	84¾	Sale	73¼	Sale	73¼ Dec 18	75¾ Dec 10	61½ Oct 23	112 Feb 7
44,100	614,000	Jonathan Logan Inc	50c	28½	Sale	17½	Sale	15¾	Sale	15⅛ Dec 28	17½ Dec 3	15 May 29	29⅛ Jan 2
		Jones & Laughlin											
123,100	1,761,500	Steel Corp common	10	73¾	Sale	101¾	Sale	101½	Sale	100½ Dec 4	101¾ Dec 3	38⅝ Oct 22	73¾ Jan 2
1,280	26,130	5% pfd series A	100	102	Sale	50	Sale	47¼	Sale	45⅝ Dec 11	50¼ Dec 3	98½ Jun 18	107⅞ Mar 26
10,000	94,200	Jorgensen (Earle M) Co	1	16⅝	Sale	14¾	Sale	13⅜	Sale	13⅛ Dec 19	14¾ Dec 3	13⅛ Dec 19	17¾ Jan 4
73,800	708,500	Joy Manufacturing Co	1	39	Sale	20	Sale	19⅞	Sale	18⅛ Dec 18	20½ Dec 20	14¾ Oct 25	40¼ Jan 4
107,200	1,201,300	Kaiser Alum & Chem	33⅓c	32¾	Sale	34⅝	Sale	35⅜	Sale	32 Dec 13	36⅜ Dec 27	25 May 29	37 Mar 15
2,000	20,200	4⅛% conv preferred	100	90½	91	90	90½	88	90	88 Dec 11	90½ Dec 4	84 Jun 26	99 Sep 20
1,400	20,200	4¾% preferred	50	47¼	Sale	107	Sale	105	105¼	103¾ Dec 13	107 Dec 3	47 Jan 3	50¼ Sep 19
2,100	35,000	4¾% cv pfd (57 ser)	100	106¾	108	49¾	50¼	50¾	52	50 Dec 5	50¾ Dec 6	103 Jun 7	112 May 16
400	13,700	4¾% cv pfd (59 ser)	100	103	110	105⅝	106½	106	106½	105⅝ Dec 4	106½ Dec 28	101 Jan 10	111 May 21

For footnotes, see page 29

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
		Kansas City Pow & Lt Co—											
15,000	125,300	Common	*	77	Sale	72¾	Sale	76	Sale	72¾ Dec 3	76 Dec 31	60¼ Jun 28	79½ Mar 14
50	2,580	3.80% preferred	100	80	82	81½	83	81	82½	81 Dec 10	82 Dec 12	78 July 31	83 Apr 3
550	2,400	4 % preferred	100	86½	88	92½	Sale	94	95½	92 Dec 4	94½ Dec 26	86 Aug 6	94½ Dec 26
180	3,320	4½ % preferred	100	96½	Sale	101	Sale	100¾	Sale	100 Dec 10	101½ Dec 5	91 Jan 26	101 May 22
270	1,040	4.20% preferred	100	87	89	93	94½	—	—	94½ Dec 27	94½ Dec 27	89 Jan 8	93½ May 24
----	620	4.35% preferred	100	91	93	96½	97½	97	98½	— ------	— ------	93½ Jun 15	95¼ Oct 22
36,100	64,500	Kansas City South Ind	*	--	--	40	Sale	38⅞	Sale	37 Dec 20	40¼ Dec 4	36⅛ Nov 12	41¾ Nov 23
4,900	9,900	Non cumulative pfd	25	--	--	19¼	20	19	19¾	19 Dec 20	20 Dec 6	17½ Nov 15	20 Nov 27
1,000	262,500	Kansas City Southern com	*	83½	Sale	81	Sale	—	—	80½ Dec 3	81¼ Dec 7	69 Sep 28	91¼ Apr 24
5,300	57,800	4% non-cum pfd	50	38⅛	39	39	Sale	—	—	38½ Dec 3	39½ Dec 7	36 Sep 18	41⅛ May 22
43,800	‡155,900	Kansas Gas & Elec Co	*	--	--	27⅜	Sale	27¼	Sale	26⅛ Dec 12	27½ Dec 3	‡23⅝ Jun 27	28⅝ Oct 12
16,200	229,400	Kansas Power & Lt Co	8.75	47½	Sale	47	Sale	47½	Sale	47 Dec 3	49 Dec 13	36½ Jun 27	50½ May 7
50,400	938,700	Kayser-Roth Corp	1	25⅝	Sale	17⅝	Sale	16⅝	Sale	16⅜ Dec 17	18⅛ Dec 5	13¼ Oct 24	26½ Jan 4
31,700	297,500	Kellogg Co	50c	73¾	Sale	55	Sale	56¼	Sale	54½ Dec 28	56¼ Dec 4	47¼ Jun 13	78¾ Mar 16
28,000	329,400	Kelsey Hayes Co	1	40¼	Sale	33¾	Sale	33¼	Sale	32¼ Dec 19	35⅜ Dec 7	26¼ Jun 25	40½ Jan 3
14,300	226,300	Kendall Co	8	48	Sale	31¾	Sale	30⅛	Sale	29 Dec 17	31⅞ Dec 5	24¾ Sep 24	48 Jan 2
130,700	1,422,700	Kennecott Copper Corp	*	84⅜	Sale	67½	Sale	65¼	Sale	65 Dec 14	68¾ Dec 6	59⅝ Oct 22	86 Jan 5
30,100	433,400	Kern County Land Co	2.50	78½	Sale	73⅜	Sale	74	Sale	69⅝ Dec 11	75¾ Dec 21	60⅛ Oct 24	91⅞ Mar 5
92,000	2,023,100	Kerr-McGee Oil Industries	1	41⅞	Sale	38	Sale	36⅛	Sale	35⅜ Dec 10	38⅜ Dec 4	24 Jun 25	46½ Feb 19
5,700	72,400	Keystone Steel & Wire	1	38½	Sale	34½	Sale	33½	Sale	32¾ Dec 27	35 Dec 7	30¾ Jun 25	41 Jan 23
85,000	680,900	Kimberly Clark Corp	5	78½	Sale	53⅞	Sale	53⅞	Sale	53⅝ Dec 3	58⅛ Dec 10	45⅝ Oct 25	79¼ Jan 3
17,600	326,900	King-Seeley Thermos Co	1	29⅜	Sale	34	Sale	33⅜	Sale	32⅛ Dec 11	34½ Dec 21	23 May 29	34½ Dec 21
9,500	118,400	KLM Royal Dutch Air	100G	16¾	Sale	13½	Sale	11⅞	Sale	11¾ Dec 28	14 Dec 5	11¾ Dec 28	20 Mar 16
17,600	229,600	Koppers Co Inc common	10	41⅜	Sale	40⅜	Sale	39½	Sale	37¾ Dec 18	40⅞ Dec 5	33½ Jun 27	44¾ Mar 14
840	13,400	4% preferred	100	82½	Sale	85	Sale	85	Sale	83½ Dec 19	85¼ Dec 7	80½ Aug 2	88 Feb 26
571,900	8,541,500	Korvette (E J) Inc	1	43	Sale	30¼	Sale	28⅞	Sale	28⅝ Dec 27	34⅜ Dec 5	21⅝ Oct 24	57 Apr 11
83,400	624,200	Kresge (S S) Co	10	34¾	Sale	22⅞	Sale	21⅜	Sale	21¼ Dec 27	23¼ Dec 5	20 Oct 22	36⅞ Jan 8
45,400	446,400	Kress (S H) & Co	10	24⅛	Sale	18	Sale	16¼	Sale	15⅞ Dec 31	18⅝ Dec 7	13⅜ Oct 24	25¼ Mar 12
5,400	124,400	Kroehler Mfg Co	5	12¾	Sale	14⅜	Sale	13⅞	Sale	12½ Dec 21	14⅜ Dec 3	11 Oct 24	18 Mar 12
61,900	1,276,300	Kroger Company	1	29½	Sale	23¾	Sale	23⅞	Sale	23⅛ Dec 3	25¼ Dec 5	20 Jun 25	30½ Jan 2
20,400	172,100	KVP Sutherland Paper Co	5	39⅟	Sale	28½	Sale	27¼	Sale	27¼ Dec 4	28⅝ Dec 3	24⅞ Oct 26	39½ Jan 4
107,100	732,000	Laboratory for Electronics	1	40⅛	Sale	13	Sale	13	Sale	12⅝ Dec 3	14⅞ Dec 6	10 Oct 24	40⅛ Jan 2
21,300	260,100	Laclede Gas Light Co	4	30⅞	Sale	26⅝	Sale	27⅞	Sale	25⅞ Dec 3	28 Dec 11	19½ May 29	31⅛ Jan 12
100	800	4.32% preferred ser A	25	44	54	37	41	38	43	40¼ Dec 13	40¼ Dec 13	36⅛ Aug 15	40½ Mar 8
27,200	172,400	Lane Bryant	*	34½	Sale	25⅞	Sale	24½	Sale	22 Dec 11	25⅞ Dec 3	20½ Oct 25	36⅞ Jan 10
17,200	244,300	Lanvin-Parfums Inc	1	35	Sale	24¾	Sale	22	Sale	21⅝ Dec 28	25 Dec 3	18 Jun 15	36½ Jan 3
132,700	1,008,900	Lear Siegel Inc	1	26⅝	Sale	16⅞	Sale	15⅞	Sale	15¼ Dec 28	17⅞ Dec 5	13⅛ Oct 22	29¼ Feb 9
18,800	244,900	Lee Rubber & Tire	5	16⅛	Sale	14⅜	Sale	14	Sale	13⅝ Dec 28	14⅞ Dec 7	13½ Jun 26	21¾ Apr 3
76,800	584,400	Leesona Corp	5	36	Sale	20¼	Sale	22	Sale	20⅛ Dec 3	23½ Dec 4	13¼ Jun 25	39 Jan 15
40,800	403,600	Lehigh Coal & Navig'n Co	1	14½	Sale	7	Sale	7⅛	Sale	6⅞ Dec 19	7½ Dec 6	5⅝ July 6	15¾ Mar 6
76,100	773,900	Lehigh Portland Cement	15	22⅝	Sale	18⅛	Sale	16⅝	Sale	16¼ Dec 19	18¼ Dec 3	15 Sep 28	24 Feb 8
66,300	692,400	Lehigh Valley Indus com	50c	1½	Sale	1⅜	Sale	1⅜	Sale	1¼ Dec 3	1½ Dec 7	1⅛ May 29	1⅞ Mar 16
1,600	31,500	$1.50 conv pfd series A	*	21	Sale	21¼	21¾	22	Sale	21½ Dec 5	22¾ Dec 11	19⅜ Jan 9	22¾ Dec 11
4,900	171,400	Lehigh Valley RR Co	*	6	Sale	5¾	Sale	5¼	Sale	5¼ Dec 31	6 Dec 4	4¼ Jun 25	7 Feb 9
65,200	850,000	Lehman Corp (The)	1	33⅜	Sale	29⅝	Sale	26⅝	Sale	26¼ Dec 31	30 Dec 4	23⅞ Oct 24	35¾ Feb 7
13,000	281,000	Lehn & Fink Products	1	40¾	Sale	35	Sale	33⅞	Sale	33 Dec 10	36 Dec 5	22¼ May 29	43¾ Feb 8
20,100	126,500	Leonard Refineries Inc	3	11⅛	Sale	9⅜	Sale	9¼	Sale	8⅞ Dec 19	9⅝ Dec 27	8¾ Oct 25	13 Feb 8
83,600	1,149,600	Libbey-Owens-Ford Glass	5	57¾	Sale	51½	Sale	52	Sale	49¼ Dec 13	52⅛ Dec 5	43⅛ Oct 4	62 Mar 19
84,700	1,585,800	Libby McNeil & Libby	7	13⅞	Sale	11¾	Sale	12½	Sale	11 Dec 11	13 Dec 27	9⅞ Oct 24	17⅛ Mar 12
72,500	731,600	Liggett & Myers Tob com	25	109	Sale	69	Sale	66⅜	Sale	66 Dec 24	69 Dec 3	63½ Oct 23	110⅜ Feb 6
1,250	12,490	7% preferred	100	149	150	151	Sale	150	150¾	149½ Dec 11	151 Dec 3	147 May 31	155½ May 11
23,900	537,100	Lily Tulip Cup Corp	5	43½	Sale	43¼	Sale	43¼	Sale	42½ Dec 7	44¾ Dec 19	31½ May 29	45⅜ Nov 26
150,000	1,978,100	Ling-Temco-Vought Inc	50c	25½	Sale	17½	Sale	16⅛	Sale	15⅞ Dec 28	18⅞ Dec 5	15 Jun 25	25⅛ Jan 2
15,600	248,500	Link Belt Co	5	47½	Sale	45¾	Sale	46⅞	Sale	45 Dec 14	47½ Dec 5	40 Oct 24	54¾ Mar 29
108,500	1,334,800	Lionel Corp (The) com	2.50	19¼	Sale	6¾	Sale	5¾	Sale	5½ Dec 19	6⅞ Dec 3	42 Oct 25	19½ Jan 2
5,800	42,158	3¾% non-cum conv pfd	20	57	Sale	20½	Sale	16⅞	Sale	16¼ Dec 19	20½ Dec 3	15⅜ Oct 24	57 Jan 2
614,555	‡3,844,355	Litton Industries Inc	1	--	--	64	Sale	65½	Sale	63 Dec 19	69¾ Dec 5	‡46 July 9	64⅞ Aug 23
303,100	3,678,200	Lockheed Aircraft	1	45⅝	Sale	51⅝	Sale	54	Sale	50⅝ Dec 4	56 Dec 20	34½ May 29	56 Dec 20
59,900	1,454,900	Loew's Theatres Inc	1	42½	Sale	23	Sale	21⅛	Sale	20⅞ Dec 27	23½ Dec 4	17⅜ Oct 24	47½ Feb 6
129,600	1,185,600	Lone Star Cement	4	23⅛	Sale	19¾	Sale	18⅛	Sale	17½ Dec 31	19¾ Dec 3	15⅛ Oct 23	24⅜ Feb 13
110,700	1,609,900	Lone Star Gas common	10	27⅛	Sale	21¾	Sale	22⅞	Sale	21⅝ Dec 3	22⅞ Dec 19	18⅝ May 29	27¼ Jan 2
670	1,230	4.84% preferred	100	155	165	126	138	132½	Sale	128 Dec 10	132½ Dec 31	123 Jun 6	155½ Jan 23
41,600	554,700	Long Island Lighting com	10	55½	Sale	48⅞	Sale	51⅝	Sale	47¾ Dec 5	52⅝ Dec 21	39 May 29	57 Mar 20
20	2,070	5% series B pfd	100	101	102	102½	104	102	104	104 Dec 4	104 Dec 4	100¾ July 6	104 Mar 20
40	800	4.25% series D pfd	100	88	89½	91½	92½	95	Sale	93 Dec 24	95 Dec 31	88 Aug 9	95 Dec 31
140	1,970	4.35% series E pfd	100	90	91	94	96	96	97	93½ Dec 7	95½ Dec 27	90 Jan 3	96 May 1
107,200	1,741,300	Lorillard (P) common	5	63¼	Sale	43½	Sale	42¼	Sale	41¼ Dec 19	44¼ Dec 4	36¼ Oct 24	63¾ Feb 6
630	8,810	7% preferred	100	142⅝	Sale	143	145½	143	144	142½ Dec 11	143½ Dec 11	137 Jun 27	151 Apr 4
28,300	267,000	Louisville Gas & Elec (Ky)	*	35½	Sale	33	Sale	32⅛	Sale	31¾ Dec 26	34¾ Dec 10	25½ May 29	40 Mar 20
13,600	223,900	Louisville & Nashville	50	60	Sale	59½	Sale	59½	Sale	56⅝ Dec 11	60½ Dec 5	50 May 29	64 Apr 11
58,700	416,600	Lowenstein (M) & Sons	1	13⅞	Sale	10⅛	Sale	9⅜	Sale	9 Dec 31	10⅛ Dec 3	8¼ May 29	15⅞ Feb 8
28,200	337,800	Lukens Steel Co	3.33⅓	65	Sale	43¾	Sale	39½	Sale	39⅛ Dec 31	44 Dec 3	30½ Oct 22	67½ Jan 4
21,100	276,300	Lykes Bros Steamship Co	10	15⅛	Sale	15¾	Sale	15¾	Sale	15¼ Dec 18	16⅛ Dec 5	14 Jun 27	21⅝ Feb 20
6,700	70,800	MacAndrews & Forbes	10	34¾	Sale	25⅜	Sale	24¾	Sale	23¾ Dec 28	25⅜ Dec 3	21⅜ Oct 24	40½ Feb 20
47,800	735,900	Mack Trucks Inc common	5	43⅝	Sale	36½	Sale	36¼	Sale	33⅝ Dec 18	36¾ Dec 4	29¼ Jun 25	44⅛ Mar 15
2,300	68,700	5¼% preferred (x w)	50	45¾	46¾	46¾	47¼	46½	46⅞	46¼ Dec 13	47 Dec 4	44¼ Jun 5	47½ Feb 23
29,200	337,000	Macy (R H) Co Inc com	1	72	Sale	61	Sale	56¾	Sale	56¾ Dec 31	62¼ Dec 5	45⅛ Jun 25	72 Jan 2
1,250	41,490	4¼% pfd series A	100	87¼	Sale	92	Sale	93	Sale	91 Dec 4	93 Dec 31	86 Jan 16	93 Dec 31
56,100	1,119,700	Madison Fund Inc	1	29⅜	Sale	22½	Sale	22¾	Sale	21⅛ Dec 19	22⅞ Dec 4	17¼ Oct 24	30⅜ Jan 15
70,700	1,404,400	Madison Square Garden	1	2⅜	Sale	1⅞	Sale	1¾	Sale	1⅝ Dec 27	1⅞ Dec 3	1⅝ Oct 24	3¼ Mar 27
4,400	182,900	60c conv preferred	*	8⅝	Sale	9	Sale	8⅝	Sale	8½ Dec 19	9⅛ Dec 3	7¾ Oct 24	10¼ Mar 21
14,800	383,200	Magma Copper Co	10	68¼	Sale	62¼	Sale	68	Sale	61 Dec 6	68 Dec 20	50 Jun 26	74⅞ Feb 8
176,500	3,696,500	Magnavox Co (The)	1	43¼	Sale	37⅛	Sale	36¾	Sale	35 Dec 11	38½ Dec 5	27 Jun 25	47⅜ Mar 20
15,500	177,800	Mallory (P R) & Co	1	53½	Sale	41¾	Sale	42½	Sale	40⅞ Dec 3	44¼ Dec 26	34¾ Jun 25	56½ Mar 12
7,000	122,200	Manhattan Shirt Co	5	29¾	Sale	23¼	Sale	22	22¾	22 Dec 28	24½ Dec 5	19 Jun 25	32¾ Feb 28
5,500	81,200	Manning Maxwell & Moore Inc	12.50	24¾	Sale	22⅝	Sale	21½	Sale	21⅛ Dec 28	23⅛ Dec 5	20⅜ Oct 24	27 Feb 14
4,800	106,700	Maracaibo Oil Exploration	1	5	5¼	5⅜	5⅝	5⅝	Sale	5⅜ Dec 4	6 Dec 21	4½ Jun 25	7 Mar 6
98,500	981,600	Marathon Oil Co	*	40¾	Sale	43	Sale	44½	Sale	42⅞ Dec 3	44⅞ Dec 14	36 May 29	45⅜ Mar 14
54,100	690,600	Maremont Corp	1	24⅛	Sale	28⅝	Sale	31⅛	Sale	27½ Dec 12	31½ Dec 31	20¾ May 29	34 Aug 30
57,500	621,900	Marine Midland Corp	5	32¾	Sale	27⅝	Sale	27½	Sale	26⅜ Dec 24	29¼ Dec 5	22¼ May 29	35 Mar 1
8,400	116,000	Marlin-Rockwell Corp	1	—	—	26⅛	Sale	24¾	Sale	24¾ Dec 31	26⅛ Dec 3	21 Oct 24	28⅝ Sep 4
59,000	796,000	Marquardt Corp	1	16⅜	Sale	14¼	Sale	12½	Sale	12¼ Dec 28	15⅜ Dec 6	9⅛ Jun 27	18½ Jan 12
20,700	265,200	Marquette Cement Mfg Co	4	53½	54½	36½	Sale	36¾	Sale	34¾ Dec 21	38½ Dec 5	30⅛ Oct 24	56 Feb 13
27,900	274,900	Marshall Field & Co com	*	44⅛	Sale	35	Sale	33¼	Sale	33¼ Dec 27	37 Dec 18	29⅞ Aug 29	46½ Mar 15
503,400	5,230,167	Martin-Marietta Corp	1	27	Sale	21⅝	Sale	21⅜	Sale	21 Dec 24	24 Dec 5	17 May 28	28⅞ Jan 2
25,200	269,700	Masonite Corp	*	28⅝	Sale	35⅜	Sale	36⅛	Sale	34⅛ Dec 14	36⅜ Dec 27	25⅞ May 29	36⅜ Dec 27
47,000	531,800	May Dept Stores common	5	57⅜	Sale	55⅜	Sale	54	Sale	53½ Dec 31	57⅞ Dec 5	42¼ Jun 25	58½ Jan 2
350	5,220	$3.75 preferred 1945	*	77¾	79	80	Sale	82¼	83	80 Dec 3	82½ Dec 12	77¾ Jan 5	84 May 18
280	7,230	$3.75 preferred 1947	*	77	78½	82	Sale	81½	83	80½ Dec 5	82½ Dec 3	77½ Feb 21	83½ May 17
490	3,900	$3.40 preferred	*	70½	72	73	Sale	73½	74½	73 Dec 4	74 Dec 6	70¾ Jan 29	76 May 21
240	1,700	3¾% pfd series 1959	100	78¼	79½	81	82½	83	Sale	81½ Dec 11	83 Dec 31	77½ Feb 20	84 May 10
25,000	301,900	Mays (J W) Inc	1	32	Sale	16½	Sale	14½	Sale	14 Dec 26	16⅝ Dec 5	13¼ Oct 24	35⅞ Feb 5
35,500	‡270,600	Maytag Co (The)	*	--	--	29¼	Sale	29⅞	Sale	28 Dec 10	30 Dec 27	‡23⅜ Jun 25	35⅝ Feb 2
50,700	572,300	M C A Inc common	*	78¼	Sale	44¾	Sale	48¾	Sale	44⅝ Dec 3	50¼ Dec 6	33 Jun 27	78⅞ Jan 3
21,200	281,400	$1.50 conv pfd	*	--	--	33½	Sale	34⅝	Sale	33½ Dec 3	35 Dec 20	29⅝ Jun 21	35 Dec 20
11,200	112,800	McCall Corp	*	32½	Sale	23	Sale	22	Sale	20 Dec 26	23¾ Dec 5	15 Jun 22	32½ Jan 2
7,300	‡21,600	McCord Corp	3	--	--	21⅝	Sale	22⅜	Sale	21 Dec 18	22⅝ Dec 28	‡19½ Oct 24	23⅜ Sep 19
43,000	2,024,900	McCrory Corp common	50c	21⅞	Sale	17⅜	Sale	16⅛	Sale	16 Dec 20	17¾ Dec 4	15¾ Nov 27	25⅛ Jan 19
240	15,230	3½% conv preferred	100	106	110	85	92	83	Sale	81⅛ Dec 24	85 Dec 10	81⅛ Dec 24	125 Jan 19
2,760	10,830	$6 conv preferred	100	99½	Sale	84	Sale	82	Sale	81⅛ Dec 27	85½ Dec 4	81⅛ Dec 27	104 Mar 9
----	2,650	5½% conv pref B	100	131	Sale	103⅛	116	105	120	— ------	— ------	102¼ Nov 23	150¼ Jan 22
4,030	62,750	4½% conv pref B	100	84¼	Sale	68¼	Sale	64	Sale	63 Dec 19	69 Dec 4	63 Dec 19	93 Jan 19
81,800	‡835,100	McDermott (J Ray) & Co	1	--	--	25⅜	Sale	23⅜	Sale	22½ Dec 19	26⅛ Dec 10	‡18⅜ Oct 23	33⅛ Feb 21
98,100	1,832,600	McDonnell Aircraft	2.50	45⅛	Sale	57⅞	Sale	57¼	Sale	55½ Dec 28	60⅛ Dec 17	35 Jun 25	61⅛ Nov 23
45,600	668,400	McGraw-Edison Co	1	39½	Sale	35¼	Sale	37	Sale	35¼ Dec 3	37⅜ Dec 31	28¼ Oct 26	40⅛ Mar 15
57,100	805,400	McGraw-Hill Publishing	1	34¾	Sale	25	Sale	23⅜	Sale	23⅜ Dec 31	26¼ Dec 10	18¼ Aug 8	34¾ Jan 2
5,600	51,500	McGregor-Doniger Inc— Class A	1	18⅞	Sale	16⅜	Sale	16¾	Sale	16 Dec 7	16¾ Dec 31	15 Jun 26	19⅜ Jan 4
16,800	285,200	McIntyre Porcupine Mines	*	44¼	Sale	40⅛	Sale	40	Sale	39 Dec 28	42½ Dec 6	32¾ Jun 26	49½ Feb 9
15,000	132,800	McKee (A G) & Co	*	23	Sale	12½	Sale	10¾	Sale	10¾ Dec 19	12½ Dec 3	9½ Oct 24	23¾ Jan 9
38,500	766,800	McKesson & Robbins	18	46	Sale	37⅝	Sale	40⅝	Sale	37⅝ Dec 3	40⅝ Dec 31	30½ May 28	46⅜ Jan 2
30,700	496,000	McLean Trucking Co	1	10¾	Sale	10	Sale	9⅞	Sale	9½ Dec 20	10⅝ Dec 4	8⅛ Oct 26	12⅝ Jan 31

For footnotes, see page 29.

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
14,700	167,100	McNeil Mach & Eng	*	32⅝	Sale	24½	Sale	23⅝	Sale	23⅜ Dec 28	25⅞ Dec 5	19⅞ Oct 29	38½ Feb 8
6,400	80,000	McQuay-Norris Mfg Co	10	21¾	Sale	21⅝	Sale	21⅝	Sale	21¼ Dec 31	22¾ Dec 18	17½ Jun 25	23⅞ Mar 12
24,500	330,600	Mead Corp common	5	46	Sale	39½	Sale	38½	Sale	38⅛ Dec 28	41 Dec 21	33¼ Jun 20	48½ Apr 12
10	1,350	4¼% pfd 1st series	100	91½	93	91	93½	93	95	93½ Dec 18	93½ Dec 18	91 Jan 30	96 Jun 29
12,100	182,600	Medusa Portland Cement	*	24½	Sale	20½	Sale	20½	Sale	19⅝ Dec 19	22¼ Dec 26	17 Jun 27	26¾ Feb 7
27,200	251,000	Melville Shoe Corp com	1	31¾	Sale	27⅜	Sale	26¾	Sale	26⅝ Dec 27	28⅜ Dec 21	24⅝ Oct 25	32½ Apr 6
800	9,158	4% preferred series B	100	81½	Sale	86	87½	86¼	87	86¼ Dec 27	87¼ Dec 13	81½ Jan 2	90 Oct 10
6,600	‡86,200	Mercantile Stores	1.83⅓	—	—	22¼	Sale	22½	Sale	22⅛ Dec 4	22¾ Dec 28	‡18½ May 29	28 Feb 28
62,800	1,222,100	Merck & Co Inc com	16⅔c	89¼	Sale	78⅝	Sale	77⅝	Sale	77½ Dec 26	83 Dec 5	60 Jun 25	94⅞ Mar 23
600	5,300	$3.50 preferred	*	85	Sale	88½	90	88	90	88 Dec 14	88½ Dec 10	84½ Jan 5	88¾ Nov 23
25,000	505,200	Mergenthaler Linotype	25c	33	Sale	24¼	Sale	22½	Sale	22¼ Dec 28	24¼ Dec 3	18¼ Oct 24	33¼ Jan 3
131,600	1,608,500	Merritt Chpmn & Scott	12.50	10¾	Sale	12⅛	Sale	12⅛	Sale	11⅞ Dec 24	12½ Dec 7	8⅜ May 29	13 Aug 17
83,800	1,545,900	Mesabi Trust units bene int		14⅜	Sale	11⅞	Sale	11¼	Sale	11⅛ Dec 28	12 Dec 3	9⅜ May 29	14⅜ Jan 2
14,900	121,400	Mesta Machine Co	5	49	50	34½	Sale	30	Sale	29¾ Dec 24	34½ Dec 3	28¼ Oct 24	52¾ Jan 12
140,500	1,513,700	Metro-Goldwyn-Mayer Inc	*	51¼	Sale	33⅝	Sale	31⅝	Sale	30½ Dec 28	35⅜ Dec 6	26⅜ Oct 24	58⅛ Feb 15
17,700	123,000	Metromedia Inc	1	—	—	15½	Sale	15	Sale	14¾ Dec 28	16⅛ Dec 5	10⅜ Jun 25	16⅛ Nov 23
		Metropolitan Edison—											
440	6,030	3.90% preferred	100	82¾	Sale	86	87½	87	88	85½ Dec 4	88 Dec 12	82½ Jan 3	88¾ Jun 19
40	840	4.35% preferred	100	93½	Sale	95¾	97	96½	97	95¼ Dec 6	96¼ Dec 21	93½ Jan 2	96 Mar 28
140	1,890	3.85% preferred	100	83	Sale	86½	88	86¼	87½	86 Dec 4	86½ Dec 4	81 Jan 8	87 May 28
20	560	3.80% preferred	100	81	82½	84	85	84¼	86	84 Dec 20	84 Dec 20	80 July 9	84½ Oct 26
80	920	4.45% preferred	100	93¾	96	97⅞	99½	100	101	99½ Dec 10	100½ Dec 12	94 Jan 9	100½ Aug 6
78,600	1,006,000	Middle South Utilities	10	36¾	Sale	34	Sale	36¼	Sale	34 Dec 3	38 Dec 18	25 May 28	39½ Apr 10
9,900	169,100	Midland-Ross Corp com	5	51½	Sale	51	Sale	49	Sale	48⅝ Dec 26	52½ Dec 5	43 Oct 23	58¼ Feb 14
930	9,700	5½% 1st preferred	100	96	Sale	101	Sale	101⅜	Sale	100 Dec 18	102 Dec 5	95½ Jan 2	102 Dec 5
7,000	149,050	Midwest Oil Corp	10	55¼	Sale	65¼	Sale	66¾	Sale	65 Dec 18	67¾ Dec 6	55 Jan 2	70½ Feb 8
38,600	574,900	Miles Laboratories Inc	2	—	—	27	Sale	25½	Sale	24⅛ Dec 18	28¼ Dec 5	16⅛ Oct 23	40¾ Feb 5
49,900	590,462	Minerals & Chemicals Phillip Corp	1	24⅜	Sale	18⅞	Sale	18¼	Sale	17⅝ Dec 11	19½ Dec 5	13½ Oct 24	25 Mar 19
93,700	1,072,500	Minn-Honeywell Reg	1.50	132	Sale	84½	Sale	84⅝	Sale	81½ Dec 10	86¼ Dec 21	70⅛ Oct 24	133¼ Jan 2
14,500	75,200	3% convertible pref	100	98¾	Sale	79½	Sale	80⅝	Sale	79⅛ Dec 28	82½ Dec 5	78 Oct 2	98¾ Jan 2
11,800	85,300	Minnesota Enterprises Inc	*	13½	14	14	Sale	14¾	15¼	13⅞ Dec 7	17⅛ Dec 14	12⅛ May 29	17⅛ Dec 14
213,800	3,693,600	Minn Mining & Mfg	*	67⅝	Sale	54¾	Sale	53	Sale	52¼ Dec 18	58 Dec 5	41⅛ Jun 15	70¼ Feb 7
38,500	554,300	Minn & Ontario Paper	2.50	23⅝	Sale	18⅝	Sale	18⅛	Sale	17⅝ Dec 18	19⅜ Dec 6	14⅝ Oct 24	24⅞ Jan 4
32,200	182,900	Minnesota Pwr & Lt Co	*	41⅞	Sale	39⅝	Sale	42⅝	Sale	39⅝ Dec 3	42¾ Dec 28	34 May 29	45¾ Apr 24
23,800	359,400	Mission Corp	1	40	Sale	45⅜	Sale	45½	Sale	44 Dec 21	47 Dec 7	34 Jun 21	47 Dec 7
55,300	516,100	Mission Development Co	5	23¾	Sale	27⅝	Sale	31½	Sale	27½ Dec 3	31½ Dec 31	19 Jun 28	31½ Dec 31
53,100	586,500	Mississippi River Fuel	10	39¼	Sale	36	Sale	38⅜	Sale	34⅝ Dec 11	38⅜ Dec 26	30 Oct 24	40⅜ Feb 9
25,400	209,500	Mo-Kansas-Texas RR	*	4	Sale	3½	Sale	2⅝	Sale	2½ Dec 28	3⅞ Dec 5	2¼ Oct 22	4¼ Jan 3
17,000	237,600	Missouri Pac RR class A	*	46⅜	Sale	45¼	Sale	48¾	Sale	44½ Dec 10	48¾ Dec 31	35¼ Jun 25	51¼ Mar 1
11,100	113,400	Missouri Portl'd Cement	6.25	36¼	Sale	31	Sale	33⅜	Sale	30⅝ Dec 3	33¾ Dec 28	27½ Jun 25	42 Mar 5
9,600	123,500	Missouri Public Service Co	1	25½	Sale	22	Sale	22⅜	Sale	21¾ Dec 11	22½ Dec 21	18½ Jun 25	25¾ Jan 2
93,800	1,124,000	Mohasco Industries com	5	9⅜	Sale	9⅜	Sale	9⅜	Sale	9 Dec 18	10⅜ Dec 5	7⅝ May 29	11⅞ Apr 19
40	2,520	3½% preferred	100	68¼	69½	67½	Sale	66⅞	68	67 Dec 17	67½ Dec 3	65¼ Oct 25	69⅞ May 11
240	3,740	4.20% preferred	100	75½	Sale	75⅜	77½	75½	77½	76½ Dec 28	79 Dec 11	75¼ May 29	80 Oct 10
7,000	163,300	Monarch Machine Tool	*	19	Sale	18⅛	Sale	18½	Sale	17¼ Dec 24	18½ Dec 31	15 Jun 13	22⅞ Mar 20
600	7,600	Monon RR class A	25	8⅜	9	13	14	12	Sale	12 Dec 31	13⅛ Dec 5	7¾ Jun 15	14 Nov 29
8,300	54,600	Class B	*	6½	6⅞	9¾	Sale	9⅛	Sale	8⅛ Dec 6	9¾ Dec 3	5 Oct 22	10⅛ Nov 29
150,100	2,158,300	Monsanto Chemical Co	2	52¼	Sale	48½	Sale	49¼	Sale	48½ Dec 3	50¾ Dec 10	35 Jun 25	52½ Jan 2
33,400	309,300	Montana-Dakota Util Co	5	37⅞	Sale	35¼	Sale	38½	Sale	34⅞ Dec 6	39⅛ Dec 20	31 May 29	39⅛ Dec 20
23,400	317,600	Montana Power Co	*	39¼	Sale	33¾	Sale	36¾	Sale	33¼ Dec 4	37¼ Dec 28	28 May 29	42⅞ Mar 26
8,300	147,200	Montecatini Min & Chemical Am shs (5 shs or 5,000 lire)		30⅝	Sale	23½	Sale	23⅜	Sale	22⅞ Dec 28	24½ Dec 14	20½ Oct 11	33⅞ Mar 13
147,200	2,544,600	Montgomery Ward & Co	*	34⅛	Sale	34⅛	Sale	32½	Sale	32⅜ Dec 24	34½ Dec 5	24¾ Oct 24	37⅛ Apr 11
25,000	270,700	Moore-McCormack Lines	12	10⅞	Sale	10⅜	Sale	8⅞	Sale	8⅞ Dec 21	10½ Dec 3	8⅛ Oct 23	12⅞ Feb 28
46,500	431,552	Morrell (John) & Co	10	30¾	Sale	23¼	Sale	23¼	Sale	21⅛ Dec 21	25¼ Dec 5	17¾ Oct 23	36⅝ Jan 22
113,200	606,900	Motec Industries Inc	1	18⅜	Sale	16⅞	Sale	17¼	Sale	16⅜ Dec 3	18 Dec 26	11½ May 29	18¾ Jan 15
69,500	975,800	Motorola Inc	3	87½	Sale	62½	Sale	61	Sale	60¼ Dec 3	67 Dec 5	48¼ Oct 24	89½ Mar 14
36,400	339,100	Motor Wheel Corp	5	14½	Sale	17	Sale	17	Sale	16⅝ Dec 14	17¼ Dec 4	10 May 29	17¼ Dec 4
10,100	124,600	Mountain Fuel Supply Co	10	41¼	Sale	33⅞	Sale	35	Sale	33⅝ Dec 12	35½ Dec 27	29 May 29	41¾ Jan 4
18,700	329,200	MSL Industries Inc	*	26⅝	Sale	24	Sale	21½	Sale	21½ Dec 31	24⅛ Dec 3	18⅛ May 24	32 Mar 26
7,500	118,100	Mueller Brass Co	1	22¾	Sale	23¼	Sale	22⅝	Sale	22⅝ Dec 27	23⅜ Dec 3	20⅛ May 29	28¼ Jan 19
11,900	171,600	Munsingwear Inc	5	28¼	Sale	27⅞	Sale	28⅞	Sale	27½ Dec 11	29⅛ Dec 5	21 May 29	29¾ Mar 21
22,600	‡68,300	Murphy Co (G C)	1	—	—	24	Sale	25	Sale	24 Dec 3	25⅛ Dec 31	‡23 Nov 2	26¼ Sep 12
49,300	460,300	Murphy Corp	1	24⅞	Sale	18½	Sale	18½	Sale	17¼ Dec 20	20¼ Dec 6	14½ Nov 1	29 Feb 20
13,900	239,700	Murray Corp of America	10	31¾	Sale	29⅝	Sale	30¼	Sale	29⅝ Dec 3	31 Dec 17	23 Jun 25	34⅞ Jan 22
8,800	277,700	Natco Corp	5	9⅞	Sale	8¾	Sale	8¼	Sale	8⅛ Dec 27	9¼ Dec 4	8⅛ Dec 27	13¼ Aug 22
5,500	120,500	National Acme Co	1	52¾	Sale	56½	Sale	54⅜	Sale	53½ Dec 24	57 Dec 4	43⅛ Jun 25	62½ Mar 16
166,400	1,034,500	National Airlines Inc	1	13⅞	Sale	21½	Sale	24¾	Sale	21½ Dec 3	24⅞ Dec 27	11⅛ Jun 25	24⅞ Dec 27
13,800	243,400	National Aviation Corp	5	31	Sale	29⅛	Sale	29½	Sale	28¾ Dec 21	29⅞ Dec 5	19¼ May 19	31½ Jan 12
62,000	‡539,200	National Biscuit Co	5	—	—	40½	Sale	43¼	Sale	40¼ Dec 3	44⅛ Dec 26	‡33 May 29	45¼ Apr 24
69,600	1,191,300	National Can Corp	10	16¾	Sale	12¼	Sale	11⅜	Sale	11⅜ Dec 31	12⅞ Dec 5	9⅝ May 29	18 Jan 4
119,700	1,461,900	National Cash Register	5	132¼	Sale	84⅛	Sale	80½	Sale	79 Dec 19	87¼ Dec 5	66¾ Oct 24	132¾ Jan 2
19,000	206,100	National Castings Co	*	24¾	Sale	21⅝	Sale	20¼	Sale	20⅛ Dec 18	22 Dec 4	18¾ Oct 24	29¾ Feb 5
15,400	243,100	National City Lines	1	21¼	Sale	22⅜	Sale	22⅜	Sale	22¼ Dec 5	23⅜ Dec 14	18¼ May 29	23⅜ Dec 14
47,700	713,500	National Dairy Products	5	71⅞	Sale	58¾	Sale	64¼	Sale	58¾ Dec 3	65⅛ Dec 18	46¼ Jun 25	72 Jan 4
126,400	1,676,700	National Distillers & Chem	5	27½	Sale	24⅜	Sale	24¼	Sale	23⅛ Dec 18	25⅛ Dec 5	20⅝ Oct 24	30⅜ Apr 23
4,700	75,100	4¼% pfd ser of 1951	100	83¾	Sale	91½	Sale	92	Sale	90 Dec 11	93¼ Dec 28	83¾ Jan 2	93¼ Dec 28
6,100	35,800	4½% preferred (conv)	50	48	Sale	48½	49¾	48½	49½	48⅝ Dec 6	50 Dec 17	47 Jun 5	54 Mar 23
21,300	330,400	National Fuel Gas Co	10	30⅜	Sale	28¾	Sale	29½	Sale	28¼ Dec 3	30⅜ Dec 17	22¾ May 29	30¾ Jan 2
136,700	1,058,200	National General Corp	1	6¼	Sale	7⅛	Sale	8	Sale	7⅛ Dec 3	8⅜ Dec 5	5¼ Oct 24	9¼ Mar 27
81,400	759,700	National Gypsum Co com	1	55⅝	Sale	40	Sale	40½	Sale	39 Dec 24	41¾ Dec 6	33¼ Oct 24	56½ Jan 3
1,950	7,420	$4.50 preferred	*	94	95	96½	Sale	98½	100	96½ Dec 3	99¾ Dec 27	93½ Jan 5	99¾ Dec 27
133,800	1,190,100	National Lead Co common	5	97½	Sale	69⅞	Sale	68¼	Sale	67⅛ Dec 19	69⅞ Dec 3	61 Oct 23	98 Jan 4
450	13,770	7% preferred A	100	151¼	Sale	166	Sale	166	167	165¾ Dec 4	167 Dec 21	151¼ Jan 2	167 Dec 21
570	6,710	6% preferred B	100	131	131⅝	137½	Sale	139	Sale	137⅜ Dec 3	139 Dec 31	127½ Jan 5	139 Dec 31
8,000	97,100	National Linen Serv Corp	1	25¾	Sale	26½	Sale	26½	Sale	26¼ Dec 4	27¼ Dec 6	24⅛ Oct 24	32 Apr 30
4,100	47,200	National-Standard Co	10	31	Sale	28⅞	Sale	28⅛	Sale	28 Dec 17	29⅛ Dec 4	26½ Oct 9	35½ Jan 10
11,300	125,100	Nat Starch & Chem Corp	50c	46¾	Sale	40¼	Sale	42⅜	Sale	40 Dec 11	43 Dec 21	33¼ Oct 24	50½ Apr 30
104,000	‡1,136,600	National Steel Corp	5	—	—	37½	Sale	36	Sale	33¾ Dec 18	38½ Dec 4	‡27 Jun 27	45⅝ Feb 8
10,400	120,400	National Sugar Refining	*	20½	Sale	17	Sale	17¾	Sale	17 Dec 3	19½ Dec 13	15¼ May 29	24¼ Feb 20
87,200	726,000	National Tea Co	4	22⅜	Sale	14⅞	Sale	15⅛	Sale	14½ Dec 6	15⅜ Dec 20	13⅛ Oct 24	22⅜ Jan 2
5,500	79,500	Natl Vulcanized Fibre Co	1	21½	Sale	18⅛	18¾	17½	Sale	17 Dec 28	18¼ Dec 5	16 Jun 25	23½ Feb 16
27,600	474,100	Natomas Co	1	8½	Sale	7⅛	Sale	7⅛	Sale	7 Dec 6	7⅝ Dec 14	5½ May 28	9¾ Mar 29
18,300	194,000	Nautec Corp	5	18	Sale	12⅞	Sale	12	Sale	12 Dec 31	13⅞ Dec 5	10¼ Oct 25	21 Mar 19
7,900	63,000	Neisner Bros Inc	1	11⅛	Sale	7¼	Sale	6⅞	Sale	6¾ Dec 28	7½ Dec 6	6¾ Nov 13	11⅞ Jan 12
15,600	194,600	Neptune Meter Co	5	23½	Sale	17¾	Sale	18⅛	Sale	16½ Dec 20	18⅛ Dec 31	13⅝ Oct 23	25⅜ Jan 9
17,100	32,500	Nevada Power Co	1	—	—	42¾	Sale	41⅜	Sale	40⅞ Dec 11	43⅜ Dec 6	39 Nov 19	45½ Nov 28
23,100	174,400	Newberry Co (J J) com	*	52	Sale	33¾	Sale	30⅛	Sale	28 Dec 18	33⅞ Dec 3	27 Oct 31	52 Jan 2
490	7,470	3¾% preferred	100	78¾	79¾	79	Sale	78	Sale	78 Dec 4	79½ Dec 19	75 May 29	81½ Mar 6
74,000	914,900	New England Elec System	1	25⅞	Sale	32⅞	Sale	24⅝	Sale	23⅛ Dec 14	24⅞ Dec 28	19⅛ May 29	26⅝ Mar 27
32,900	3,461,900	New England Tel & Tel	20	—	—	44⅞	Sale	43½	Sale	43⅛ Dec 24	44⅞ Dec 3	36 May 29	50¼ Feb 12
----	480	N J Pwr & Lt Co 4% pfd	100	84½	86½	85	86½	86	88½	— ------	— ------	83 Aug 23	86½ May 10
21,800	354,600	Newmont Mining com	10	74⅞	Sale	68	Sale	65½	Sale	63¾ Dec 10	69 Dec 21	51¾ Sep 24	86½ Feb 20
9,100	247,900	4% conv pfd	100	—	—	93¾	Sale	95⅜	Sale	93¼ Dec 14	96½ Dec 21	85 Jun 5	97 Nov 20
31,900	418,100	Newport News Shipbuilding & Dry Dock Co	1	53¾	Sale	47¼	Sale	49¼	Sale	43½ Dec 13	49⅜ Dec 31	36¼ May 29	54¼ Jan 2
15,300	178,000	New York Air Brake	5	35½	Sale	30¼	Sale	28⅛	Sale	27⅝ Dec 31	30¾ Dec 5	27 Jun 25	39½ Mar 21
156,500	1,861,700	New York Central RR	1	18⅛	Sale	15¼	Sale	14¾	Sale	14½ Dec 31	16⅞ Dec 5	10⅞ Jun 14	20⅞ Jan 12
145,400	689,300	N Y Chicago & St Louis	15	40	Sale	37	Sale	42⅛	Sale	36¼ Dec 3	43¾ Dec 31	28 May 29	43¾ Dec 31
15,300	113,400	¶New York New Haven & Hartford RR common	*	2	Sale	1½	Sale	1¼	Sale	1 Dec 28	1½ Dec 3	1 Dec 28	2 Jan 2
17,600	103,600	Preferred 5% series A	100	2¾	Sale	2⅜	Sale	1⅞	Sale	1¾ Dec 31	2⅜ Dec 3	1⅝ Jun 26	3⅜ Jan 8
8,200	160,200	N Y Shipbuilding Corp	1	13½	Sale	12⅜	Sale	12⅛	Sale	12 Dec 19	13 Dec 7	9 Jun 27	19½ Feb 26
17,200	297,300	N Y State Elec & Gas Corp Common	*	42	Sale	40	Sale	40½	Sale	38⅞ Dec 6	40½ Dec 31	33½ Jun 15	43¾ Jan 31
350	6,960	$3.75 preferred	100	77½	Sale	86	86½	82¼	82¾	82¼ Dec 24	84½ Dec 6	76½ Jun 27	86 May 3

For footnotes, see page 29.

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
		Niagara Mohawk Pwr Corp											
74,300	1,197,300	Common	*	45	Sale	44⅞	Sale	46⅛	Sale	44⅜ Dec 3	46⅜ Dec 31	37 May 29	48⅛ Apr 26
720	9,050	3.40% preferred	100	70	Sale	73½	74½	73	74	72¼ Dec 4	74 Dec 19	67½ Jun 28	74 Dec 19
2,800	23,390	3.60% preferred	100	73¾	Sale	75½	Sale	77¼	Sale	75½ Dec 3	78 Dec 6	71 Jun 26	79 Feb 23
880	14,760	3.90% preferred	100	79	Sale	84¼	Sale	84	85	83½ Dec 6	85½ Dec 12	79 Jan 2	86 Jun 4
1,960	6,350	4.10% preferred	100	85½	Sale	90	93	91½	93	91 Dec 5	93 Dec 11	85 Jan 18	94 Nov 27
520	6,480	5.25% preferred	100	108	Sale	106¼	Sale	107	108	106¼ Dec 3	108 Dec 27	104 July 3	109½ Jan 4
1,570	12,120	4.85% preferred	100	100	101	104	105	105	Sale	104 Dec 20	105 Dec 17	100 Jun 29	107 May 17
12,900	133,700	Niagara Share Corp	5	27½	Sale	20¾	Sale	20⅜	Sale	20 Dec 18	21¾ Dec 10	16½ Oct 24	27⅞ Jan 4
13,000	180,700	Nopco Chemical Co	1	36¾	Sale	26½	Sale	25¼	Sale	24¼ Dec 24	27 Dec 10	21 July 9	38½ Feb 9
53,100	490,000	Norfolk & Western com	25	105	Sale	101¼	Sale	109¾	Sale	100¾ Dec 3	110½ Dec 31	85¼ July 31	110½ Dec 31
700	17,000	Adjustment preferred	25	21¼	22	22½	24½	22⅝	24½	22⅝ Dec 13	23 Dec 12	21 Nov 23	26 May 7
1,300	29,200	6% preferred	10	12¾	13	13¾	Sale	13½	13¾	13¼ Dec 3	13¾ Dec 3	12⅛ July 3	14 Sep 27
12,500	206,900	Norris-Thermador Corp	50c	22⅜	Sale	19¼	Sale	18	Sale	18 Dec 27	19¾ Dec 5	15¾ Jun 25	24 Jan 4
119,100	2,057,300	North American Aviation	1	60¾	Sale	68¼	Sale	66⅝	Sale	66¼ Dec 19	70⅜ Dec 5	48 May 29	72⅛ Jan 30
30,100	‡275,900	North American Car Corp	7	--	--	24	Sale	24¾	Sale	23 Dec 11	25⅛ Dec 31	‡19¾ Oct 23	30 Apr 25
13,300	201,500	North American Coal	1	15	Sale	9⅜	Sale	8⅛	Sale	8 Dec 28	9⅜ Dec 3	6¾ Oct 25	15 Jan 2
390	8,480	Northern Central Ry	50	65⅛	Sale	73½	Sale	73½	Sale	72¼ Dec 26	74 Dec 20	65⅛ Jan 2	76 May 2
13,800	13,800	Northern Indiana P S Co	*	--	--	--	--	44⅛	Sale	41¼ Dec 19	45 Dec 28	41¼ Dec 19	45 Dec 28
41,400	587,900	Northern Natu'l Gas com	10	45½	Sale	42⅝	Sale	43⅜	Sale	42½ Dec 3	44½ Dec 13	34½ May 29	48⅛ Apr 6
580	5,730	5½% preferred	100	104¼	105⅜	106½	107½	104¾	Sale	104¾ Dec 31	110 Dec 13	102 Jun 14	109 Mar 6
990	11,580	5.80% preferred	100	110½	111½	109	Sale	108½	Sale	108 Dec 14	110 Dec 7	107 Oct 11	113⅞ Mar 7
850	6,200	5.60% preferred	100	109⅝	109⅞	110	110½	109	110	109½ Dec 18	110½ Dec 5	107 Sep 26	114¼ Mar 6
83,200	836,500	Northern Pacific Ry	5	42⅜	Sale	38⅜	Sale	40	Sale	35⅞ Dec 10	40⅝ Dec 27	30⅛ Oct 24	44⅝ Jan 4
		Northern States Pow (Minn)											
32,000	177,800	Common	5	33⅞	Sale	32½	Sale	35½	Sale	32½ Dec 3	35¾ Dec 27	25⅛ May 29	37¾ Mar 16
1,260	14,970	$3.60 preferred	100	76	Sale	77⅞	Sale	76	Sale	76 Dec 31	78½ Dec 4	73½ July 23	78¾ Mar 23
300	4,960	$4.10 preferred	100	85½	86½	91½	92¼	91¾	92½	91½ Dec 28	92 Dec 21	85½ Jan 11	93 May 11
180	2,080	4.08% preferred	100	84½	86	90¾	92	90½	92	90¾ Dec 10	91 Dec 7	85¾ Jan 8	91½ Apr 24
270	4,920	4.11% preferred	100	85½	87	91½	92½	92½	93½	91¼ Dec 5	92½ Dec 20	86 Jan 3	93½ May 31
580	2,190	$4.16 preferred	100	86	87	92¾	93¾	93⅝	Sale	93 Dec 24	93¾ Dec 20	86 Jan 19	93½ Nov 28
207,000	1,981,400	Northrop Corp	1	30½	Sale	29	Sale	23¼	Sale	22¾ Dec 31	29⅛ Dec 3	19⅛ May 29	33⅛ Jan 31
88,000	667,900	Northwest Airlines com	10	32¼	Sale	37¼	Sale	37¾	Sale	36½ Dec 18	40¼ Dec 12	23 May 29	40¼ Dec 12
20,900	111,100	5¼% convertible pfd	25	32¾	Sale	36¾	Sale	37½	Sale	35¾ Dec 19	39 Dec 12	26 May 29	39 Dec 12
23,300	23,300	Northwest Bancorp'n	3⅓	--	--	--	--	44¼	Sale	42⅞ Dec 10	44⅝ Dec 27	42⅞ Dec 10	44⅝ Dec 27
4,500	58,800	Northwestern Steel & Wire	5	31⅜	Sale	21½	Sale	20¼	Sale	20 Dec 24	22¼ Dec 6	17¾ Jun 25	31⅜ Jan 2
32,200	454,600	Norwich Pharmacal	66⅔c	59½	Sale	40	Sale	43¾	Sale	40 Dec 3	44 Dec 21	31¾ Sep 11	59½ Jan 2
31,800	454,000	Ohio Edison Co common	15	49¼	Sale	44¼	Sale	47	Sale	44¼ Dec 3	47¾ Dec 21	38 May 29	49¼ Jan 2
880	21,500	4.40% preferred	100	93½	Sale	97½	Sale	98¾	Sale	97½ Dec 3	99 Dec 21	92 Jan 11	99 Dec 21
1,100	11,810	3.90% preferred	100	82½	83¾	85½	Sale	85¼	86½	83¼ Dec 17	86⅞ Dec 7	80½ Jun 29	86⅞ Dec 7
540	8,540	4.56% preferred	100	99	99¾	103	104	102½	104	102 Dec 21	103 Dec 10	97½ July 3	105 Nov 8
130	4,330	4.44% preferred	100	96	Sale	99½	100½	100	101	99½ Dec 21	100½ Dec 14	94¼ July 18	100½ Dec 14
36,700	454,810	Oklahoma Gas & Elec com	5	43½	Sale	42⅝	Sale	45½	Sale	42⅝ Dec 3	46 Dec 19	30⅛ Jun 25	46 Dec 19
2,300	21,300	4% preferred	20	17	17½	17¼	Sale	17⅛	17½	17 Dec 27	17½ Dec 12	16¼ Jun 28	18¾ Apr 23
320	1,800	4.24% preferred	100	86½	89	95	96½	95½	Sale	94 Dec 26	95½ Dec 31	88½ Jan 31	95½ Nov 15
19,700	252,900	Oklahoma Natural Gas	7.50	38½	38⅞	34⅝	Sale	36⅞	Sale	34⅜ Dec 10	37¼ Dec 20	29¼ Oct 24	41 Feb 26
175,900	1,715,300	Olin-Mathieson Chem Corp	5	39⅞	Sale	33⅛	Sale	31⅛	Sale	30½ Dec 18	33⅜ Dec 4	26 Jun 25	41⅛ Jan 3
11,500	40,500	Opelika Mfg Corp	5	--	--	17	Sale	15⅜	Sale	15 Dec 28	17 Dec 3	15⅛ Oct 23	17⅞ Nov 23
18,500	163,800	Orange & Rockland Util	10	54⅝	Sale	46	Sale	48	Sale	45½ Dec 3	48⅝ Dec 20	35 May 28	54⅞ Jan 23
46,200	808,000	Otis Elevator Co	*	74¼	Sale	53½	Sale	55⅝	Sale	53½ Dec 3	59 Dec 7	43¾ Oct 24	76 Jan 3
		Outboard Marine &											
172,800	1,599,500	Manufacturing Co	30c	23⅛	Sale	14½	Sale	13⅞	Sale	13½ Dec 20	15⅝ Dec 6	10½ Oct 24	24¼ Mar 1
6,720	43,430	Outlet Co	*	25½	Sale	21	Sale	22⅞	Sale	21 Dec 3	23 Dec 13	19 Jun 14	25½ Jan 2
34,900	431,600	Owens-Corning Fiberglas	1	85	Sale	60¾	Sale	57⅛	Sale	56⅝ Dec 19	61¾ Dec 4	46½ Oct 26	87⅜ Feb 13
43,200	532,000	Owens-Illinois Glass com	6.25	96	Sale	77¾	Sale	73½	Sale	72 Dec 13	77¾ Dec 3	64 Jun 25	96 Jan 2
8,500	64,700	4% preferred	100	115	Sale	100¾	Sale	100	Sale	100 Dec 18	103½ Dec 5	99½ Jun 14	115 Jan 2
12,800	235,300	Oxford Paper Co common	15	40⅝	Sale	34	Sale	31½	Sale	30⅝ Dec 28	34 Dec 3	28 Oct 25	43 Mar 23
530	14,245	$5 preferred	*	97½	98½	100	101	100	101½	100 Dec 6	101½ Dec 17	97¼ Jan 16	101½ Feb 5
1,300	67,900	Pacific American Corp	5	23¼	Sale	18⅞	Sale	17¾	18¼	18 Dec 26	19¼ Dec 4	16¾ Jun 25	25 Jan 2
12,000	174,300	Pacific Cement & Aggreg	5	14	Sale	13⅝	Sale	12¾	Sale	12⅜ Dec 19	13¾ Dec 3	9⅝ Jun 15	15⅜ Jan 12
101,800	1,907,200	Pacific Gas & Electric	10	34¼	Sale	30	Sale	31⅞	Sale	29⅝ Dec 3	32 Dec 13	25 May 29	36⅞ Feb 20
37,600	185,100	Pacific Hawaiian Prods Co	1	--	--	21⅞	Sale	21¾	Sale	20¾ Dec 5	22½ Dec 21	16⅜ Oct 24	25 Aug 30
40,700	585,400	Pacific Lighting Corp	*	60¼	Sale	58⅜	Sale	60⅝	Sale	57⅜ Dec 4	61⅜ Dec 27	47 May 29	61⅜ Dec 27
		Pacific Teleph & Teleg—											
32,900	†548,600	Common	14 2/7	39⅜	Sale	32⅜	Sale	31⅝	Sale	31 Dec 24	34⅛ Dec 7	26⅛ May 29	39⅜ Jan 2
1,280	† 10,730	6% preferred	100	151¾	Sale	145	Sale	146¼	Sale	145 Dec 3	147⅜ Dec 13	142¼ Oct 5	158¾ Feb 26
15,300	229,900	Pacific Tin Consol Corp	1	7	Sale	5¾	Sale	5¾	Sale	5⅜ Dec 24	5⅞ Dec 5	5¼ May 28	7⅞ Jan 12
32,300	275,100	Packaging Corp of Amer	5	20⅜	Sale	16⅞	Sale	16⅛	Sale	15⅛ Dec 19	17⅝ Dec 5	14¾ Nov 5	23⅞ Mar 5
48,800	411,500	Packard-Bell Electronics	50c	17½	Sale	8¾	Sale	9	Sale	8⅝ Dec 7	10¼ Dec 14	7½ Oct 22	20 Jan 3
66,800	603,200	Pan American Sulphur	70c	14⅞	Sale	12¾	Sale	11¼	Sale	11⅛ Dec 31	12¾ Dec 3	10¼ Jun 25	15⅜ Jan 12
204,800	2,099,600	Pan Amer World Airways	1	22⅛	Sale	22⅛	Sale	21¼	Sale	21 Dec 7	23⅛ Dec 20	15⅞ Oct 24	24⅝ Feb 12
		Panhandle Eastern Pipe											
80,800	855,200	Line Co common	*	52½	Sale	63¼	Sale	67¾	Sale	63 Dec 3	70¼ Dec 12	45⅜ May 29	70¼ Dec 12
140	3,550	4% preferred	100	93¼	94½	95¾	98½	95½	97½	95 Dec 11	96¼ Dec 20	91½ Aug 23	97⅝ Feb 8
47,700	436,500	Paramount Pictures	1	56¼	Sale	35	Sale	36	Sale	34¼ Dec 3	37¾ Dec 6	31 Oct 24	58½ Feb 16
237,000	2,441,600	Parke Davis & Co	*	36⅛	Sale	27⅛	Sale	24⅞	Sale	23¾ Dec 19	27⅛ Dec 3	18½ Oct 24	38¾ Mar 15
3,900	121,000	Parmelee Transportation	*	56½	Sale	50½	Sale	50	Sale	45 Dec 24	51½ Dec 5	42½ Oct 24	75¾ Apr 11
58,600	706,500	Peabody Coal Co common	5	32⅛	Sale	30	Sale	30⅞	Sale	29¼ Dec 3	31¾ Dec 21	23½ Jun 25	35 Jan 31
500	16,200	5% conv prior pfd	25	25½	26	25¾	26	26	26¼	26 Dec 11	26⅛ Dec 18	23⅝ Jun 15	27 May 2
7,400	50,900	Pendleton Tool Industries	1	--	--	26⅜	Sale	27½	Sale	26⅜ Dec 3	27¾ Dec 20	20¼ Oct 26	28¼ July 12
52,100	‡263,400	Penick & Ford Ltd	1	--	--	18⅛	Sale	18	Sale	17¼ Dec 7	18¾ Dec 3	‡14⅞ Nov 2	24 Mar 29
78,000	696,000	Penn-Dixie Cement Corp	1	26¼	Sale	18½	Sale	17	Sale	16⅝ Dec 20	18⅝ Dec 3	15 Oct 22	27¾ Jan 4
58,500	353,100	Penn Fruit Co Inc com	5	19½	Sale	8	Sale	8½	Sale	7¾ Dec 10	8⅝ Dec 31	7⅜ Oct 26	19½ Jan 2
3,020	16,070	4.68% conv preferred	50	48¼	48¾	44½	45	41	42½	41 Dec 28	45 Dec 4	40 May 31	48¼ Jan 3
82,700	1,266,900	Penney (J C) Co	1	51½	Sale	43⅞	Sale	43⅛	Sale	42¼ Dec 31	45 Dec 18	37 May 29	52⅜ Jan 17
23,400	338,333	Pennsalt Chemicals Corp	3	41	Sale	35½	Sale	35½	Sale	35⅛ Dec 4	39 Dec 10	23½ Jun 25	41 Jan 2
3,500	74,100	Penn Glass Sand Corp	1	33	Sale	31¼	Sale	30¼	Sale	30¼ Dec 31	33½ Dec 12	25⅛ Jun 14	34⅞ Feb 26
29,800	385,100	Penn Power & Light com	*	37¼	Sale	32⅝	Sale	33	Sale	32⅜ Dec 5	33⅞ Dec 12	28¾ May 29	38½ Mar 22
1,560	25,920	4½% preferred	100	100	Sale	102¼	Sale	101¼	Sale	101 Dec 5	103¾ Dec 7	98¼ July 25	106¼ May 25
1,130	12,660	4.40% preferred	100	95	96	100	101	100	100½	98⅝ Dec 14	100¾ Dec 5	95 Jan 3	101¾ May 25
247,900	3,150,800	Pennsylvania RR Co	10	17⅛	Sale	13¾	Sale	12¾	Sale	12⅝ Dec 28	14⅞ Dec 5	10⅛ Nov 2	18⅞ Feb 2
5,400	80,800	People's Drug Stores Inc	5	54¾	Sale	35⅛	Sale	35⅛	Sale	34½ Dec 17	37 Dec 4	31½ Oct 22	54¾ Jan 2
47,900	629,700	Peoples Gas Lt & Coke	*	52⅜	Sale	51¼	Sale	47⅝	Sale	47 Dec 19	52¼ Dec 4	39⅛ May 29	52⅞ Mar 19
830	7,260	Peoria & Eastern Ry	100	36	37	49½	Sale	47½	Sale	46 Dec 28	50½ Dec 7	37 Jan 3	51 Apr 30
53,000	692,100	Pepsi-Cola Co	33⅓c	55⅛	Sale	42⅜	Sale	47¼	Sale	42 Dec 3	48½ Dec 27	33 Oct 24	56⅞ Feb 16
51,800	727,200	Perkin-Elmer Corp	1	58	Sale	47¾	Sale	46½	Sale	44¼ Dec 14	49¼ Dec 4	25 Jun 22	58 Jan 2
27,900	170,800	Permanente Cement com	1	--	--	14⅛	Sale	13⅜	Sale	12⅝ Dec 19	14¼ Dec 3	12½ Jun 15	19⅞ Mar 15
2,300	45,300	5% conv preferred	50	--	--	51¾	52¼	53¼	54¾	51¾ Dec 4	55 Dec 27	49¾ Oct 24	59⅜ Mar 23
13,300	157,000	Pet Milk Co common	*	65⅝	Sale	43¾	Sale	45⅛	Sale	43¼ Dec 3	51 Dec 12	35⅝ Oct 24	66½ Jan 31
50	1,840	4½% preferred	100	100¼	Sale	100	Sale	99¾	100½	99¾ Dec 7	100 Dec 3	99 May 15	101¼ July 13
8,900	174,700	Petroleum Corp of Amer	1	19⅛	Sale	16½	Sale	16⅞	Sale	16¼ Dec 3	17⅛ Dec 27	13⅛ Jun 25	19⅛ Jan 2
20,600	207,400	Pfaudler Permutit Inc	5	38	Sale	25½	Sale	26⅛	Sale	25 Dec 3	27 Dec 7	18½ Oct 24	42 Feb 13
172,100	2,605,900	Pfizer (Chas) & Co	33⅓	50	Sale	45⅜	Sale	47¼	Sale	43¾ Dec 13	47½ Dec 31	33¼ Oct 23	57⅞ Mar 15
44,800	850,400	Phelps Dodge Corp	12.50	61⅜	Sale	53⅝	Sale	54⅝	Sale	52½ Dec 3	55⅜ Dec 27	44⅝ Oct 1	62⅜ Jan 15
46,800	622,000	Phila Electric Co common	*	33⅝	Sale	30⅜	Sale	29½	Sale	29½ Dec 14	30⅞ Dec 3	25 May 29	34⅞ Mar 20
740	12,630	4.40% preferred	100	99	Sale	101	101½	102	Sale	100 Dec 4	102 Dec 17	97 Jun 5	103¾ Nov 7
1,170	14,340	3.80% preferred	100	83¾	Sale	87	Sale	87¼	88	86½ Dec 3	87¾ Dec 28	82 July 10	88¼ Nov 28
550	4,460	4.30% preferred	100	97	Sale	98	Sale	100	101	98 Dec 3	100 Dec 10	96 Jan 8	100 Sep 13
120	5,260	4.68% preferred	100	103½	Sale	104	105½	105	106	105 Dec 4	106 Dec 12	101 Aug 23	106 Jan 31
118,600	1,763,400	Phila & Reading Corp NY	50c	80	Sale	36¾	Sale	35¾	Sale	34½ Dec 24	40⅝ Dec 7	26½ Oct 24	81 Jan 2
32,100	616,000	Philip Morris & Co com	5	110½	Sale	76⅝	Sale	73⅜	Sale	72½ Dec 11	78½ Dec 5	61⅛ Oct 24	112½ Jan 5
670	11,480	4% preferred	100	84½	Sale	86	Sale	84¾	Sale	84¼ Dec 5	86⅝ Dec 13	82 July 16	87 Mar 30
30	7,050	3.90% preferred	100	81	82½	83½	84½	83	84	83½ Dec 6	84½ Dec 13	80½ July 25	84¾ Feb 19
156,300	1,685,700	Phillips Petroleum Co	5	58¾	Sale	48¾	Sale	48⅝	Sale	48⅝ Dec 31	53¾ Dec 7	42 Oct 24	59⅞ Mar 14
8,100	238,100	Phillips-Van Heusen Corp	1	21	Sale	19¾	Sale	19½	Sale	18½ Dec 19	19⅞ Dec 4	15⅞ Oct 24	26⅞ Apr 2
18,100	294,800	Pillsbury Co Inc common	*	67¾	Sale	53¾	Sale	51¾	Sale	50¾ Dec 27	57 Dec 5	40 Oct 24	69 Jan 4
110	1,480	$4 preferred	*	97½	Sale	99⅛	Sale	99¼	101	99⅛ Dec 3	99¼ Dec 4	97 Feb 6	100¾ Nov 27
43,700	340,800	Piper Aircraft Corp	1	39⅞	Sale	29	Sale	29⅞	Sale	28⅝ Dec 21	32½ Dec 5	18⅞ Jun 27	41½ Jan 11
52,800	755,400	Pitney-Bowes Inc	2	61	Sale	41½	Sale	40⅛	Sale	40 Dec 24	44 Dec 5	30½ Oct 23	65¼ Mar 19
21,200	174,700	Pitts Coke & Chemical	10	22¼	Sale	14¾	Sale	13⅜	Sale	12¾ Dec 28	15⅛ Dec 5	11⅜ Oct 4	23 Jan 22
330	3,760	$5 conv preferred	*	84½	Sale	72¾	73	72¾	Sale	72¾ Dec 13	74 Dec 7	67 Aug 17	86¼ Mar 1
800	5,700	4.80% conv preferred	*	78	81	66½	71	68½	71	67½ Dec 17	70 Dec 19	64 Sep 28	81 Jan 8

For footnotes, see page 29.

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
8,900	123,200	Pittsburgh Forgings Co	1	14⅝	Sale	14¾	Sale	14⅝	Sale	14½ Dec 10	15 Dec 12	11⅞ Jun 13	16⅛ May 15
		Pitts Ft Wayne & Chi Ry—											
460	3,820	7% guaranteed pfd	100	128½	130								
74,000	939,700	Pittsburgh Plate Glass	10	64⅞	Sale	133¼	135	133½	134½	132½ Dec 7	134 Dec 17	126½ Aug 21	139 May 1
68,300	912,600	Pittsburgh Steel Co com	*	12	Sale	52	Sale	51¾	Sale	50⅝ Dec 19	54 Dec 7	43⅜ Oct 24	67½ Feb 20
1,150	6,260	5% preferred class A	100	50	51½	8	Sale	7⅛	Sale	6¾ Dec 18	8⅛ Dec 3	5⅝ Oct 22	12½ Jan 4
5,500	44,100	5½% 1st ser pr pref	100	52½	53	40	Sale	37	Sale	37 Dec 31	40½ Dec 3	36½ Nov 5	54 Jan 9
9,600	213,800	Pitts & West Virginia	100	19⅝	Sale	41¼	42½	39⅝	Sale	39½ Dec 24	43½ Dec 5	35 Oct 22	55¾ Jan 24
		Pitts Young & Ash Ry—				31¼	32½	34⅜	Sale	31 Dec 28	34½ Dec 31	19½ Jan 8	35¾ Mar 29
50	2,240	7% non-cum preferred	100	117	119								
17,800	234,800	Pittston Co common	1	76¾	Sale	121½	123	121½	123	121½ Dec 14	122 Dec 24	110 Jun 21	122 May 11
24,830	56,055	$3.50 conv preferred	75	129	Sale	58⅝	Sale	57¾	Sale	57½ Dec 11	60⅝ Dec 18	44½ Jun 25	78 Jan 4
23,100	‡117,000	Plough Inc	1.25	—	—	106½	107½	105¼	Sale	104 Dec 14	107¼ Dec 4	88 Jun 25	130 Jan 3
511,700	8,417,300	Polaroid Co	1	219½	Sale	34	Sale	31¼	Sale	31 Dec 28	34⅞ Dec 6	‡21 Oct 24	34¾ Nov 29
11,100	103,100	Poor & Co	10	18⅝	Sale	128½	Sale	143½	Sale	126⅝ Dec 3	144¾ Dec 17	81½ Jun 14	221 Jan 3
670	17,940	Porter Co 5½% s f pref	100	93¼	Sale	16⅛	Sale	15⅛	Sale	15⅛ Dec 20	17 Dec 5	13¾ Oct 24	21 Jan 22
26,300	404,067	Potomac Electric Power	10	46	Sale	91¾	Sale	94	Sale	91¾ Dec 3	94 Dec 20	90½ Oct 18	95½ Mar 5
87,500	1,505,100	Procter & Gamble Co	*	91¼	Sale	41	Sale	43⅛	Sale	40½ Dec 3	43⅞ Dec 10	32 May 28	47½ Mar 8
80,400	‡550,700	Pub Serv Co of Colorado	5	—	—	71⅝	Sale	71¼	Sale	70¼ Dec 24	74⅝ Dec 6	56⅜ Jun 25	92¼ Jan 2
						27⅞	Sale	28	Sale	26¾ Dec 6	28⅜ Dec 27	‡20½ Jun 25	32½ Apr 19
		Public Serv Elec & Gas—											
66,600	1,296,250	Common	*	64⅜	Sale	65	Sale	69	Sale	64⅛ Dec 5	69½ Dec 26	49½ May 29	69½ Dec 26
5,000	68,900	$1.40 div pref common	*	29¼	Sale	30	Sale	30⅛	30½	29⅞ Dec 4	30⅜ Dec 19	29 July 24	31½ May 14
530	6,210	4.08% preferred	100	85⅞	Sale	91¼	92	91	92	91 Dec 11	92 Dec 20	85 Jan 5	92 Nov 20
170	4,440	4.18% preferred	100	87	Sale	94	94½	94¾	95	94 Dec 5	95 Dec 6	87 Jan 2	94½ May 7
280	5,380	4.30% preferred	100	90½	92½	95½	98	97	97½	96¼ Dec 14	97½ Dec 5	90⅛ July 17	98 Nov 21
1,410	11,470	5.05% preferred	100	106½	Sale	107	Sale	108	Sale	106½ Dec 5	108½ Dec 26	104 Jun 29	109 Apr 10
860	9,880	5.28% preferred	100	107¼	Sale	107½	109	108¾	109½	107½ Dec 4	109½ Dec 21	106 Jun 29	110½ Feb 15
		Public Serv of Indiana—											
31,800	‡376,500	Common	*	—	—	33	Sale	33⅛	Sale	32 Dec 12	34 Dec 6	‡23¾ May 29	35 Nov 21
290	5,390	3½% preferred	100	71¾	Sale	77	Sale	75½	77½	76½ Dec 27	79½ Dec 11	71¾ Jan 2	79⅞ Apr 11
1,000	15,300	4.32% preferred	25	23⅝	Sale	23½	24	24½	25	23½ Dec 5	24¾ Dec 28	22⅜ Jan 19	24¾ Dec 28
300	10,800	4.16% preferred	25	21⅝	22⅝	23½	24	23	24⅛	23¾ Dec 11	23¾ Dec 11	21 July 25	24 Feb 8
52,800	410,900	Publicker Industries com	5	8⅝	Sale	6⅜	Sale	6	Sale	5¾ Dec 19	6⅜ Dec 3	5½ Oct 24	10⅛ Feb 21
260	3,480	$4.75 preferred	*	86½	88	84	85½	84	85	84 Dec 5	84 Dec 5	84 Jun 18	88 Jan 23
14,400	362,900	Puget Sound Pwr & Lt	10	43⅛	Sale	38⅛	Sale	39⅞	Sale	38⅛ Dec 3	39⅞ Dec 31	31⅛ May 29	43⅛ Jan 2
10,500	69,200	Puget Sound Pulp & Tim	3	—	—	20¾	Sale	19⅝	Sale	18¾ Dec 28	20⅞ Dec 5	17⅝ Oct 30	23⅛ May 8
70,000	914,700	Pullman Inc	*	37⅝	Sale	25⅝	Sale	24¼	Sale	23⅜ Dec 18	25¾ Dec 5	20¼ Oct 23	38½ Mar 9
164,500	1,350,400	Pure Oil Co	5	33	Sale	35⅞	Sale	37¾	Sale	34⅝ Dec 11	38¼ Dec 26	28¾ Jun 25	38¼ Dec 26
20,400	337,700	Quaker Oats (The) com	5	88½	Sale	64¾	Sale	61⅞	Sale	60½ Dec 19	66½ Dec 6	54¾ Oct 24	91½ Feb 16
410	10,170	6% preferred	100	142	Sale	141½	144	141	Sale	140 Dec 19	142 Dec 13	136 Oct 25	146 Mar 13
6,300	60,300	Quaker State Oil Ref Corp	10	30⅛	Sale	27¼	28	27⅝	Sale	27¼ Dec 14	27⅞ Dec 4	25⅝ Oct 26	30¾ Jan 3
252,500	4,051,900	Radio Corp of Amer com	*	53¾	Sale	57	Sale	57½	Sale	55¼ Dec 13	60 Dec 5	38⅝ Jun 27	63⅞ Mar 14
10,800	89,200	$3.50 1st preferred	*	72½	Sale	77⅝	Sale	78	Sale	77½ Dec 12	79¾ Dec 20	71½ May 29	79 Mar 30
48,400	382,500	Ralston Purina Co	2.50	—	—	33⅜	Sale	34⅞	Sale	31⅞ Dec 19	34⅞ Dec 26	28⅛ Sep 10	45 Jan 10
29,700	360,100	Ranco Inc	2.50	21¼	Sale	15½	Sale	17⅛	Sale	15⅜ Dec 3	17⅜ Dec 31	12½ May 29	21⅜ Jan 2
56,300	458,600	Random House Inc	1	28½	Sale	12⅛	Sale	12¼	Sale	11⅛ Dec 19	14 Dec 6	8 Oct 24	30¾ Feb 13
3,500	44,400	Raybestos-Manhattan	*	77½	Sale	80½	Sale	79¼	Sale	76¼ Dec 18	80½ Dec 3	65 May 29	83 Nov 28
56,700	687,600	Raymond Int'l Corp	3.33⅓	13⅜	Sale	9	Sale	8⅞	Sale	8¾ Dec 21	9½ Dec 5	7⅝ Jun 25	14⅛ Feb 16
149,300	1,542,300	Rayonier Inc	1	20	Sale	22½	Sale	21⅝	Sale	20 Dec 11	22⅜ Dec 3	16¼ May 29	24¼ Apr 18
144,400	2,018,100	Raytheon Co	5	37¾	Sale	31⅞	Sale	27⅞	Sale	27½ Dec 24	32⅞ Dec 5	25 May 29	41⅛ Feb 16
21,600	159,100	Reading Co common	50	9⅜	Sale	8¾	Sale	7¾	Sale	7⅜ Dec 28	8⅞ Dec 4	5¾ Oct 24	10¼ Feb 1
6,700	54,100	4% non-cum 1st pfd	50	15¾	Sale	14⅞	Sale	14¾	Sale	13½ Dec 20	15½ Dec 5	12 Nov 1	19 Jan 15
4,900	50,000	4% non-cum 2nd pfd	50	12⅛	Sale	10⅝	11⅛	11½	Sale	10⅜ Dec 20	11¾ Dec 4	8 Oct 24	13⅜ Jan 15
23,400	131,800	Red Owl Stores Inc	*	66½	Sale	40½	Sale	49	Sale	40 Dec 5	49 Dec 28	34 Jun 22	66½ Jan 2
16,300	120,700	Reed Roller Bit Co	*	19⅛	Sale	15⅞	Sale	15⅜	Sale	15 Dec 11	16⅜ Dec 7	13¾ Oct 24	21⅞ Jun 8
26,600	226,000	Reeves Bros Inc	50c	18⅜	Sale	14	Sale	12⅞	Sale	12 Dec 19	14 Dec 3	10¼ Oct 23	21¼ Feb 12
73,200	690,100	Reichhold Chemicals	1	15⅞	Sale	11¾	Sale	10¾	Sale	10½ Dec 24	12 Dec 4	9 Oct 23	16¾ Jan 4
2,400	51,600	Reliable Stores Corp	10	18	Sale	18⅛	Sale	18½	Sale	18 Dec 28	18¾ Dec 10	16⅜ Oct 25	19½ Apr 6
8,000	127,500	Reliance Electric & Eng Co	5	49	49½	37¾	Sale	39	Sale	36⅝ Dec 18	40 Dec 7	31¼ Jun 28	49½ Jan 4
21,900	177,800	Reliance Mfg Co common	5	22	Sale	13½	Sale	14	Sale	13 Dec 18	14 Dec 31	9¾ Jun 14	23 Jan 23
10	4,650	3½% conv pfd	100	60	Sale	54	57	53	Sale	53 Dec 31	53 Dec 31	51½ Aug 30	76 Jan 30
123,000	1,926,900	Republic Aviation	50c	21¼	Sale	17	Sale	16	Sale	15¾ Dec 31	17½ Dec 5	12 May 28	24 Jan 19
59,600	493,100	Republic Corp common	50c	11⅞	Sale	7⅝	Sale	6⅝	Sale	6⅝ Dec 18	7⅝ Dec 3	6½ Oct 24	12⅝ Jan 4
4,300	45,600	$1 conv preferred	10	16½	17	14¼	14½	13⅞	Sale	13¼ Dec 21	14½ Dec 5	12½ Oct 24	17 Mar 12
255,000	3,282,200	Republic Steel Corp	10	59	Sale	37½	Sale	34⅝	Sale	33½ Dec 18	37¾ Dec 4	28 Oct 19	60 Jan 4
21,600	252,100	Revere Copper & Brass	5	42⅝	Sale	35¾	36	36¼	Sale	32¾ Dec 21	37 Dec 5	30 Nov 7	43¼ Jan 5
114,800	2,102,900	Revlon Inc	1	66⅝	Sale	42¾	Sale	40¾	Sale	40¼ Dec 28	44¾ Dec 4	31 Oct 24	67⅝ Mar 13
103,500	1,169,100	Rexall Drug & Chem Co	2.50	52⅞	Sale	29½	Sale	32¾	Sale	27⅞ Dec 14	33½ Dec 27	21 Sep 27	52⅞ Jan 2
382,300	3,151,200	Reynolds Metals Co com	*	38½	Sale	25⅜	Sale	23¾	Sale	22⅝ Dec 18	25⅜ Dec 3	20½ Jun 27	41¼ Jan 4
2,900	78,600	4¾% pfd series A	50	49	Sale	49½	50	50	50⅜	49⅝ Dec 6	50⅜ Dec 4	48 Jan 8	50½ Nov 14
17,600	120,900	4½% conv 2nd pfd	100	113½	Sale	101¾	Sale	102	Sale	101¼ Dec 21	102⅝ Dec 13	97 Jun 25	116¾ Jan 31
310,000	4,326,000	Reynolds (R J) Tob com	5	80¼	Sale	42¾	Sale	41½	Sale	39⅝ Dec 18	42⅞ Dec 3	34½ Oct 23	80⅝ Feb 16
1,300	19,800	3.60% preferred	100	88¼	89	87	89½	87¼	Sale	87 Dec 4	88 Dec 19	86⅞ Nov 8	90 Jan 4
71,800	650,700	Rheem Mfg Co	1	13⅝	Sale	11	Sale	10⅜	Sale	10 Dec 24	11¼ Dec 7	8⅞ Jun 26	15¾ Feb 14
90,600	‡701,200	Rhodesian Selection Trust	£	—	—	4⅞	Sale	4⅜	Sale	4¼ Dec 21	5⅛ Dec 7	‡3¼ Jun 25	5⅛ Dec 7
116,600	1,082,600	Richardson-Merrell Inc	1.25	94¼	Sale	59	Sale	58	Sale	54 Dec 14	62 Dec 4	40 Oct 24	102 Mar 14
37,800	599,600	Richfield Oil Corp	*	44½	Sale	40¼	Sale	39⅜	Sale	39⅛ Dec 11	41⅛ Dec 5	32½ May 29	44¾ Mar 14
30,900	196,600	Riegel Paper Corp	10	32	Sale	31¾	Sale	32¾	33¼	30¾ Dec 11	33 Dec 21	24½ May 29	37½ Mar 19
12,800	107,400	Ritter Co	2.50	29¼	Sale	21¼	Sale	19⅜	Sale	19¼ Dec 21	22⅝ Dec 5	15⅞ Oct 24	34⅜ Mar 26
34,800	294,900	Robertshaw-Fulton Contls	1	37⅞	Sale	24½	Sale	24⅝	Sale	24 Dec 10	25⅛ Dec 5	20 Oct 24	42⅝ Feb 12
32,000	‡203,200	Rochester Gas & Elec Corp	*	—	—	27⅝	Sale	27½	Sale	26 Dec 5	28⅜ Dec 21	‡22¼ Oct 24	28⅜ Dec 21
22,100	278,200	Rochester Telephone Corp	10	31⅞	Sale	35¼	Sale	37⅞	Sale	34⅝ Dec 3	37⅞ Dec 31	26¼ May 29	37⅞ Dec 31
26,900	406,200	Rockwell-Standard Corp	5	35½	Sale	32⅞	Sale	34½	Sale	32⅛ Dec 4	34⅞ Dec 17	25 May 29	38 Feb 8
		Rohm & Haas Co—											
36,300	‡174,190	Common	5	—	—	116½	Sale	114	Sale	113½ Dec 28	124½ Dec 5	‡73 Jun 27	124½ Dec 5
230	2,120	4% preferred series A	100	92	Sale	92½	Sale	95½	98½	92½ Dec 3	97 Dec 18	90½ Jan 12	97 Dec 18
74,300	717,500	Rohr Corp	1	22¾	Sale	18¼	Sale	16¾	Sale	16¾ Dec 31	18¾ Dec 3	15⅛ May 29	24¼ Jan 25
51,500	687,300	Ronson Corp	1	26½	Sale	22½	Sale	23⅞	Sale	22¼ Dec 3	24⅜ Dec 5	14 May 29	29⅞ Feb 12
2,600	58,600	Roper (Geo D) Corp	1	24	Sale	19¾	20½	19¼	Sale	19¼ Dec 31	20⅜ Dec 10	17¾ Oct 25	31⅞ Mar 15
13,800	129,600	Royal Crown Cola Co	1	22⅝	22⅞	25¾	Sale	27	Sale	25½ Dec 4	27 Dec 28	21½ May 29	27⅛ Apr 11
559,300	6,291,100	Royal Dutch Petrol Co	20g	34⅞	Sale	41¼	Sale	43½	Sale	41 Dec 3	44 Dec 26	33⅛ Jan 10	44 Dec 26
57,800	625,500	Royal McBee Corp	1	13	Sale	10½	Sale	8⅞	Sale	8¾ Dec 31	10½ Dec 3	7⅛ Oct 23	14¾ Feb 5
10,200	117,500	Rubbermaid Inc	1	16⅞	Sale	12⅞	Sale	12½	Sale	12⅛ Dec 24	12⅞ Dec 3	11¼ May 29	17⅛ Jan 4
36,900	359,700	Ruberoid Co	1	40⅜	Sale	30¼	Sale	27½	Sale	26⅞ Dec 13	30½ Dec 3	25 Oct 26	41 Jan 5
1,200	35,400	Ruppert (Jacob)	5	14	14½	11⅞	Sale	12	12¼	11½ Dec 11	12 Dec 28	10⅝ Jun 29	14⅝ Aug 13
19,500	277,200	Ryan Aeronautical Co	*	23⅜	Sale	18	Sale	16½	Sale	16½ Dec 24	18⅜ Dec 4	15 Oct 26	26⅝ Jan 22
101,200	1,145,900	Ryder System Inc	2.50	16¼	Sale	10⅛	Sale	8⅞	Sale	8⅝ Dec 19	10¼ Dec 4	7⅜ Oct 24	18¾ Feb 13
89,200	1,334,900	Safeway Stores com	1.66⅔	59½	Sale	43⅜	Sale	46	Sale	42⅛ Dec 3	46⅜ Dec 31	36¼ May 29	60⅜ Jan 2
760	16,970	4% preferred	100	92¼	Sale	93	Sale	93½	94½	92¼ Dec 4	94½ Dec 12	89 Jun 28	94¾ Nov 23
----	540	4.30% conv preferred	100	350	450	200	260	200	260	— ------	— ------	352¼ Jan 26	352¼ Jan 26
40,800	460,300	St Joseph Lead Co	10	36½	Sale	24⅛	Sale	25¾	Sale	23⅝ Dec 4	26¼ Dec 31	22⅝ Jun 26	37 Jan 4
7,000	‡53,500	St Joseph Lt & Pwr Co	*	—	—	18¾	Sale	19⅜	Sale	18¾ Dec 3	20¼ Dec 17	‡16¼ May 29	20¼ May 21
47,800	445,000	St Louis-San Fran Ry com	*	18	Sale	19⅜	Sale	18⅞	Sale	18 Dec 17	19⅞ Dec 4	13⅝ Jun 25	21½ Mar 1
1,200	17,300	5% preferred series A	100	72	74	75½	Sale	81	Sale	75½ Dec 3	81 Dec 31	68½ Oct 8	81 Dec 31
109,700	1,639,800	St Regis Paper Co com	5	37	Sale	27⅜	Sale	26½	Sale	26¼ Dec 28	27⅝ Dec 4	22½ Oct 23	39⅜ Mar 12
10	1,120	1st pfd 4.40% ser A	100	97	98	101½	110	101	Sale	101 Dec 31	101 Dec 31	93½ Nov 7	100 May 4
34,400	479,300	San Diego Gas & Elec Co	10	38	Sale	34¾	Sale	35⅜	Sale	34¾ Dec 3	36½ Dec 11	27¾ May 29	40½ Apr 3
248,600	4,041,900	San Diego Imperial Corp	1	15⅞	Sale	10¼	Sale	10	Sale	9⅞ Dec 24	11¼ Dec 7	8 May 29	16¼ Jan 2
30,300	208,000	Sangamo Electric Co	5	17⅞	Sale	12⅞	Sale	11¾	Sale	11¼ Dec 18	13¼ Dec 6	11 Aug 13	18⅛ Jan 2
106,500	1,126,000	Schenley Industries Inc	1.40	27¼	Sale	20⅜	Sale	18⅝	Sale	18⅛ Dec 11	20⅜ Dec 3	15⅝ Oct 26	27½ Jan 2
7,200	100,200	Convertible preference	35c	10	Sale	9⅛	Sale	9¼	Sale	9 Dec 4	9¼ Dec 11	8¾ Oct 19	10⅜ Jan 9
91,500	1,345,200	Schering Corp common	1	60¼	Sale	41½	Sale	39⅞	Sale	38¼ Dec 24	41⅞ Dec 3	30⅞ Oct 1	60⅝ Feb 1
12,800	151,600	5% conv preferred	30	40¼	Sale	32½	Sale	33⅛	Sale	32⅜ Dec 11	33⅛ Dec 6	31⅜ Aug 29	42½ Jan 24
51,600	488,400	Schick Inc	1	9¼	Sale	7⅛	Sale	6⅜	Sale	6¼ Dec 28	7½ Dec 5	4½ Oct 24	11⅛ Jan 9
67,400	705,300	Schlumberger (Ltd)	1	-	-	63¼	Sale	65½	Sale	62¾ Dec 11	67¼ Dec 28	49 Oct 23	98¼ Feb 14
97,300	1,866,000	SCM Corp common	5	24½	Sale	14½	Sale	13⅞	Sale	13¼ Dec 24	15½ Dec 5	10⅛ Oct 24	28⅜ Apr 23
21,300	36,800	5½% conv preferred	50	—	—	51	Sale	52½	Sale	50⅞ Dec 3	53⅜ Dec 28	50 Oct 23	53⅜ Dec 28

For footnotes, see page 29.

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
122,300	1,697,500	Scott Paper Co common	*	42⅝	Sale	31½	Sale	32⅝	Sale	30 Dec 17	32¾ Dec 5	25 Oct 25	42¾ Jan 2
470	4,670	$3.40 preferred	*	76½	78	86	Sale	86	87½	86 Dec 3	87 Dec 18	77 Jan 16	87 Dec 18
60	3,060	$4 preferred	*	92¼	94	96½	98½	98½	Sale	98½ Dec 6	99½ Dec 31	90 Feb 6	99½ Dec 31
23,600	384,400	Scovill Mfg Co common	25	22¾	Sale	22½	Sale	21¼	Sale	20½ Dec 21	22½ Dec 3	19 Oct 23	26⅛ Jan 30
110	2,700	3.65% preferred	100	75	Sale	77	79¼	77	78½	77 Dec 21	79¼ Dec 11	74¾ Jan 5	82 Jun 5
42,400	302,300	Screw & Bolt Corp of Amer	1	6⅛	Sale	4⅜	Sale	4½	Sale	4⅛ Dec 10	4½ Dec 4	3⅞ Oct 22	6¾ Feb 7
82,300	805,100	Seaboard Air Line RR	20	28	Sale	31¾	Sale	33	Sale	29⅝ Dec 12	33⅛ Dec 31	21 Jun 25	33⅛ Dec 31
82,600	1,120,600	Seaboard Finance	1	23	Sale	16½	Sale	17⅛	Sale	16¼ Dec 3	17¼ Dec 5	11¾ July 30	23½ Jan 3
8,700	229,200	Seagrave Corp (The)	5	19¾	Sale	22¼	Sale	20	Sale	19¾ Dec 31	22⅜ Dec 4	14 Jun 25	27⅝ Mar 9
4,700	135,100	Sealright-Oswego Falls	5	48	Sale	44	Sale	43	Sale	42⅝ Dec 12	44½ Dec 4	33½ Jun 13	50⅞ Feb 14
178,500	2,667,100	Sears Roebuck & Co	3	88⅜	Sale	75¼	Sale	77	Sale	74⅛ Dec 3	77⅞ Dec 24	59 Jun 25	88¾ Jan 2
9,800	62,500	Seiberling Rubber Co	1	14	14⅝	9⅞	Sale	10	Sale	9¼ Dec 31	10¼ Dec 5	9¼ Dec 31	15½ Mar 2
59,000	1,009,200	Servel Inc common	1	13½	Sale	10	Sale	9⅛	Sale	8¾ Dec 19	10⅛ Dec 3	6¾ May 29	14⅜ Jan 4
----	1,400	$5.25 preferred	*	101½	105	103¼	105	103	105	-- ------	-- ------	103¼ Oct 12	103½ Feb 7
5,400	105,800	Shahmoon Industries Inc	2.50	10¾	Sale	8½	9	9⅛	Sale	8⅜ Dec 17	9¾ Dec 27	6⅜ Jun 5	11¾ Mar 30
25,500	595,700	Shamrock Oil & Gas	1	41⅜	Sale	35⅞	Sale	37¼	Sale	35⅞ Dec 3	37⅝ Dec 13	30¼ Jun 25	45½ Feb 12
40,700	352,800	Sharon Steel Corp	*	28⅝	Sale	19⅞	Sale	18½	Sale	17½ Dec 24	20⅛ Dec 5	14⅛ Jun 25	29¾ Jan 4
27,600	208,900	Shattuck (Frank G) Co	*	21	Sale	12¼	Sale	11⅞	Sale	11⅜ Dec 17	12¾ Dec 5	9⅞ Oct 24	23¼ Mar 28
255,700	1,898,100	Shell Oil Co	1	39⅝	Sale	33½	Sale	38⅜	Sale	33 Dec 3	38¾ Dec 31	28¾ Oct 23	41⅜ Mar 20
61,400	1,288,300	Shell Transport & Trading N Y shares ordinary		16⅞	Sale	21⅝	Sale	22⅞	Sale	21⅜ Dec 3	23 Dec 31	14⅞ May 29	23 Dec 31
13,900	227,300	Sheller Mfg Corp		19½	Sale	19⅞	Sale	19¾	Sale	18⅞ Dec 19	20¼ Dec 13	16 May 28	22⅝ Jan 15
103,300	775,400	Sheraton Corp of Amer	50c	17¾	Sale	11⅜	Sale	10⅝	Sale	10⅜ Dec 28	12⅜ Dec 4	9¾ Oct 24	18⅞ Jan 4
8,600	44,800	Shoe Corp of America	1	--	--	16¾	Sale	16⅛	Sale	16 Dec 24	16⅞ Dec 4	16 Oct 22	19⅞ July 10
21,000	189,700	Signode Steel Strapping Co	1	33½	Sale	22⅛	Sale	24¼	Sale	21⅞ Dec 4	24¼ Dec 31	19 Jun 27	33½ Jan 2
23,600	305,100	Simmons Co	*	50	Sale	35	Sale	32	Sale	31⅞ Dec 21	35¼ Dec 3	26⅛ Oct 23	56 Apr 19
3,100	‡63,700	Simonds Saw & Steel Co	*	--	--	29¼	29½	29¼	Sale	27⅜ Dec 17	29¼ Dec 5	‡24⅝ Oct 23	33½ Mar 29
16,700	‡113,900	Simplicity Pattern Co	50c	--	--	20	Sale	22	Sale	20 Dec 3	22 Dec 19	‡15⅛ Oct 24	26⅜ May 22
207,100	1,971,500	Sinclair Oil Corp	5	38	Sale	35½	Sale	35⅝	Sale	33⅜ Dec 19	36¼ Dec 27	28⅝ Oct 24	40⅛ Feb 5
27,600	713,800	Singer Manufacturing Co	20	117¼	Sale	122½	Sale	126½	Sale	120½ Dec 18	128½ Dec 26	84¼ Jun 25	129¼ Mar 22
15,500	377,300	Skelly Oil Co	25	60⅛	Sale	55	Sale	56	Sale	55 Dec 3	58 Dec 7	50¼ Jun 14	62 Feb 21
29,100	293,100	Smith (A O) Corp	10	29⅜	Sale	23⅝	Sale	22⅞	Sale	22⅛ Dec 19	24⅝ Dec 5	19¼ Oct 24	35⅜ Mar 8
11,100	180,600	Smith-Douglass Co Inc	5	25¾	Sale	25⅛	Sale	23¾	Sale	23¼ Dec 18	25⅛ Dec 3	20 May 29	29½ Jan 5
53,200	992,700	Smith Kline & French Lab	*	71¾	Sale	64¼	Sale	64½	Sale	61 Dec 12	64⅞ Dec 10	45⅛ Jun 25	72½ Feb 28
220,400	2,315,500	Socony Mobil Inc	15	50½	Sale	56	Sale	58¾	Sale	56 Dec 3	59¾ Dec 27	44 Jun 25	59¾ Dec 27
29,100	155,300	Soo Line RR Co	*	9⅜	9¾	11½	Sale	11¾	Sale	9½ Dec 18	12 Dec 4	5¼ July 3	12½ Nov 26
25,600	441,300	South Amer Gold & Plat	1	8⅞	Sale	8⅝	Sale	8⅛	Sale	7⅝ Dec 24	8¾ Dec 3	7¼ May 29	9⅛ Jan 2
17,100	280,300	So Caro El & Gas com	4.50	54	Sale	51	Sale	56½	Sale	50¾ Dec 4	57 Dec 24	39½ Jun 25	58 Feb 15
100	6,600	5% preferred	50	51	52½	52	53½	52	54	51⅝ Dec 11	51⅝ Dec 11	50 Mar 23	53 Feb 19
10,000	114,800	South Jersey Gas Co	2.50	44	Sale	33	Sale	32½	Sale	32¼ Dec 12	34 Dec 5	29 May 28	44¾ Jan 17
54,400	773,000	South Puerto Rico Sugar	5	30¼	Sale	29¾	Sale	29¼	Sale	28⅛ Dec 26	31¼ Dec 10	21⅞ Oct 24	40½ Jan 16
1,100	24,600	8% preferred	25	30	30¼	30⅛	Sale	31	Sale	29¾ Dec 18	31 Dec 31	27¾ Oct 24	33 Jan 16
18,400	162,900	Southeastern Pub Service	1	22	Sale	21⅛	Sale	23¼	Sale	21 Dec 12	23¼ Dec 31	17⅛ Jun 25	23¾ Feb 16
152,700	2,081,200	Southern Calif Edison	8⅓	31½	Sale	28⅝	Sale	30⅝	Sale	28⅝ Dec 3	31⅜ Dec 14	23⅛ May 29	31⅞ Mar 30
67,900	1,236,900	Southern Co (The)	5	54⅞	Sale	51¼	Sale	51⅝	Sale	49½ Dec 10	51⅞ Dec 21	38⅛ Jun 25	57¼ Jan 30
4,900	67,200	Southern Indiana Gas & El	*	48¾	49¾	48⅜	Sale	50	Sale	48 Dec 6	50 Dec 28	40¼ Jun 26	52½ May 10
38,000	505,100	Southern Natural Gas	7.50	48	Sale	43½	Sale	43⅜	Sale	42⅜ Dec 18	44¾ Dec 10	36 May 29	50 Mar 21
160,300	2,066,700	Southern Pacific Co	*	27¾	Sale	28¾	Sale	29⅜	Sale	27⅝ Dec 13	30 Dec 5	21⅝ May 20	30½ Feb 16
49,000	693,600	Southern Ry Co common	*	56½	Sale	54⅞	Sale	56½	Sale	54 Dec 10	57 Dec 27	44 May 29	59⅜ Feb 7
16,200	225,200	5% non-cum pfd	20	18⅞	Sale	19¾	Sale	20⅜	Sale	19¾ Dec 3	20⅜ Dec 31	18½ July 5	20⅜ Dec 31
30	510	Mobile & Ohio Ctfs	100	72	75	72½	74	71¾	74	72½ Dec 6	72½ Dec 6	71 Feb 14	75 Apr 16
48,600	512,300	Southwestern Pub Serv	1	34	Sale	32½	Sale	35	Sale	31¾ Dec 3	35 Dec 31	22¾ May 29	35⅜ Mar 7
13,100	141,700	Spalding (A G) & Bros Inc	1	26¼	Sale	14½	Sale	15⅜	Sale	13⅞ Dec 4	15¾ Dec 14	11 Nov 1	26¾ Jan 5
101,500	774,800	Spartans Industries	1	47¼	Sale	15⅝	Sale	12⅜	Sale	11¼ Dec 28	16¾ Dec 4	9¾ Oct 23	47¾ Jan 2
31,700	305,400	Sparton Corp	2.50	7½	Sale	6⅞	Sale	7	Sale	6⅝ Dec 26	7½ Dec 6	4 Jun 25	8¼ Jan 24
41,100	464,100	Spencer Chemical com	6	42½	Sale	29	Sale	29½	Sale	28 Dec 13	29⅞ Dec 31	24 Oct 3	42½ Jan 2
10	4,050	4.20% preferred	100	90	92	95	96	95¾	97	95¾ Dec 26	95¾ Dec 26	90 Jan 15	95¾ Dec 26
913,900	7,206,300	Sperry-Rand Corp com	50c	24	Sale	14	Sale	13⅝	Sale	12 Dec 18	14⅛ Dec 5	10½ Oct 22	24⅛ Jan 2
740	8,600	$4.50 preferred	25	92	93¾	93	93½	94	94½	93¼ Dec 18	95½ Dec 18	90 Aug 16	97 May 9
92,800	1,129,900	Spiegel Co Inc common	*	37	Sale	26¼	Sale	25¼	Sale	23½ Dec 21	27⅛ Dec 5	20¼ Jun 25	38⅜ Mar 1
1,580	12,360	$4.50 preferred	*	83¾	84⅜	83	Sale	82⅛	Sale	82 Dec 10	83 Dec 3	81 Sep 25	86 Mar 8
64,800	707,200	Square D Co	5	35⅝	Sale	38¼	Sale	36⅜	Sale	34½ Dec 24	39½ Dec 4	24⅛ Jun 25	39½ Dec 4
35,200	590,100	Standard Brands common	*	77¾	Sale	64	Sale	64½	Sale	63⅝ Dec 3	67 Dec 17	48 May 29	77¾ Jan 2
580	17,110	$3.50 preferred	*	75	Sale	83	Sale	82¼	Sale	82¼ Dec 14	83¼ Dec 14	74½ July 2	83¼ Apr 25
15,600	420,338	Standard Financial Corp	1	18	Sale	15	Sale	14⅜	Sale	14 Dec 26	15 Dec 3	12⅜ May 29	18¼ Jan 3
94,300	1,565,700	Standard Kollsman Ind Inc	1	34½	Sale	21¼	Sale	19	Sale	18½ Dec 24	21⅝ Dec 4	15¼ Oct 24	35⅛ Jan 2
		Standard Oil Co—											
208,300	2,266,800	California common	6.25	54⅞	Sale	63½	Sale	63	Sale	60⅜ Dec 19	65⅝ Dec 5	50 May 29	65⅝ Dec 5
8,300	171,400	$3.30 conv preferred	*	84⅞	Sale	93½	Sale	95	Sale	91½ Dec 6	98½ Dec 26	81¼ May 29	98½ Dec 26
137,100	2,011,700	Indiana	25	55	Sale	47⅝	Sale	47¾	Sale	47 Dec 18	49 Dec 6	39⅞ Oct 26	58¼ Feb 15
677,300	7,770,700	New Jersey	7	50⅞	Sale	56⅜	Sale	59½	Sale	55⅞ Dec 3	59¾ Dec 26	45⅜ May 29	59¾ Dec 26
26,000	307,600	Ohio common	10	55¼	Sale	52¼	Sale	52⅞	Sale	52 Dec 3	53¾ Dec 27	48 May 29	59¾ Feb 8
600	7,100	3¾% pfd series A	100	91½	94	90	Sale	89½	92	90 Dec 3	90½ Dec 11	85 July 10	95¼ Feb 28
197,600	1,434,000	Standard Pckg Corp com	1	22	Sale	15½	Sale	14⅝	Sale	14¼ Dec 28	16½ Dec 5	11⅛ Jun 25	23⅝ Mar 5
700	10,400	$1.60 conv preference	20	62	67	49¾	51½	48¼	50¼	50 Dec 13	52½ Dec 5	41½ Oct 22	71 Mar 12
7,000	95,300	$1.20 conv preference	20	27½	Sale	24⅞	Sale	24⅝	Sale	24¼ Dec 17	25½ Dec 5	21½ Jun 25	29½ Mar 9
5,000	122,275	6% conv preferred	20	29	Sale	24¾	Sale	25⅜	Sale	24¾ Dec 3	26½ Dec 7	22 Jun 25	30¾ Mar 15
28,200	332,000	Standard Pressed Steel Co	1	21⅜	Sale	13⅝	Sale	12¾	Sale	12½ Dec 28	13⅝ Dec 3	10⅞ Oct 31	22⅞ Feb 12
61,500	511,100	Stanley Warner Corp	5	40¼	Sale	22⅜	Sale	21	Sale	20¼ Dec 28	22⅞ Dec 3	18⅜ Oct 24	40¼ Jan 2
41,000	347,700	Stanray Corp	1	9½	Sale	7¼	Sale	6⅞	Sale	6⅞ Dec 13	7⅜ Dec 3	6⅜ May 29	11¼ Mar 6
3,900	49,900	Starrett Co (The) L S	*	22¼	Sale	28½	29	32	Sale	28¾ Dec 4	32¼ Dec 21	22 Jan 5	32¼ Dec 21
55,400	633,700	Stauffer Chemical com	5	46	Sale	33¾	Sale	35⅝	Sale	33⅛ Dec 11	36⅜ Dec 26	25¾ Oct 24	47⅞ Jan 29
30	1,650	3½% preferred	100	83	Sale	83	85½	82¾	84	82¾ Dec 17	82¾ Dec 17	81⅝ Feb 28	84½ Nov 28
2,600	41,400	Sterchi Bros Stores Inc	1	18⅝	Sale	16¾	Sale	15¾	Sale	15¾ Dec 31	16¾ Dec 3	14¾ May 29	19½ Jan 17
50,300	835,400	Sterling Drug Inc	5	87¾	Sale	68½	Sale	75½	Sale	67¼ Dec 3	76⅜ Dec 24	55¼ Jun 25	91¾ Mar 26
60,800	685,600	Stevens (J P) & Co Inc	15	34	Sale	29	Sale	30⅜	Sale	29 Dec 3	30⅜ Dec 6	24¾ Oct 22	37 Feb 6
13,900	232,100	Stewart-Warner Corp	2.50	32	Sale	30	Sale	30¼	Sale	27⅜ Dec 18	30¼ Dec 31	23 Jun 5	34 Feb 28
11,700	239,100	Stix Baer & Fuller Co	5	28¾	Sale	36⅛	Sale	37	Sale	35⅞ Dec 3	37¼ Dec 26	21 Jun 25	37⅜ Nov 23
53,700	477,300	Stokely-Van Camp com	1	33⅞	Sale	18¾	Sale	18⅜	Sale	16½ Dec 24	18¾ Dec 3	15¾ Oct 26	33⅞ Jan 2
6,100	72,400	5% prior preference	20	19¼	20	18¾	Sale	18⅝	Sale	18½ Dec 6	19¼ Dec 27	18 Nov 9	20¼ May 17
4,200	‡19,000	Stone Container Corp	1	--	--	15¾	Sale	15½	Sale	14¾ Dec 24	15⅞ Dec 5	14⅛ Oct 31	16¼ Nov 23
23,100	218,400	Stone & Webster Inc	1	67	Sale	50⅜	Sale	50¾	Sale	48⅞ Dec 18	51⅝ Dec 7	38½ Oct 24	70½ Feb 13
10,200	137,600	Storer Broadcasting Co	1	28½	Sale	31⅞	Sale	31⅛	Sale	30¼ Dec 14	31⅞ Dec 3	27¼ May 29	33¼ Apr 24
8,900	103,000	Stouffer Foods Corp	1.25	--	--	25⅞	Sale	23¼	Sale	23⅛ Dec 26	25⅞ Dec 3	21½ May 29	44 Jan 15
482,400	4,833,900	Studebaker Corp	1	10	Sale	6¾	Sale	6	Sale	6 Dec 28	6⅞ Dec 4	6 May 29	10¾ Feb 13
37,100	575,900	Suburban Gas	1	30	Sale	18½	Sale	17¼	Sale	17 Dec 28	19¼ Dec 4	14½ Oct 24	30⅜ Jan 2
19,700	365,100	Suburban Propane Gas	1	28⅝	Sale	24½	Sale	24⅞	Sale	24¼ Dec 4	25¾ Dec 12	20¼ May 29	28¾ Jan 2
3,500	67,700	SuCrest Corp	1	15½	Sale	20¼	Sale	19	Sale	19 Dec 26	20¼ Dec 3	15⅜ Jan 2	19⅞ Feb 2
36,400	‡248,500	Sunbeam Corp	1	--	--	37¼	Sale	43¼	Sale	37¼ Dec 3	43½ Dec 31	‡32 May 29	45¼ Apr 23
28,000	333,600	Sunstrand Corporation	5	21¼	Sale	23	Sale	22⅛	Sale	21⅛ Dec 27	24⅛ Dec 5	17¾ May 29	24⅞ Nov 29
32,600	290,900	Sun Chemical Corp com	1	15½	Sale	9⅞	Sale	8½	Sale	8½ Dec 31	10⅛ Dec 5	8⅛ Oct 24	16⅜ Jan 19
30	2,780	$4.50 preferred series A	*	85⅛	87	85½	87	84	86	84½ Dec 20	85⅞ Dec 6	83 Oct 17	91¾ May 7
27,400	327,700	Sun Oil Co	*	51¼	Sale	45⅝	Sale	44⅝	Sale	43⅝ Dec 20	46 Dec 7	43 May 29	53⅛ Jan 15
128,000	1,150,700	Sunray DX Oil Co	1	27⅜	Sale	23⅝	Sale	25⅝	Sale	23⅜ Dec 3	26 Dec 31	21⅛ Oct 24	28¾ Feb 8
9,500	86,800	Sunshine Biscuits Inc	12.50	118	Sale	97½	Sale	101	Sale	95½ Dec 5	101½ Dec 24	91½ Oct 24	118½ Jan 2
37,600	834,800	Sunshine Mining Co	10c	11⅞	Sale	8½	Sale	7¾	Sale	7⅝ Dec 19	9 Dec 10	6 May 29	12⅛ Aug 13
6,230	40,840	Superior Oil Co (Calif)	25	1270	Sale	1135	Sale	1100	Sale	1020 Dec 14	1158 Dec 4	795 Jun 27	1385 Feb 21
10,600	‡96,600	Sweets Co of Am	1.38 8/9	--	--	15¾	Sale	16	Sale	15⅝ Dec 18	18 Dec 4	‡12¼ Oct 24	24¼ Mar 21
57,500	701,500	Swift & Co	25	43¼	Sale	38¾	Sale	40¾	Sale	36¼ Dec 11	40¾ Dec 31	31½ Oct 24	49⅜ Feb 27
36,900	410,700	Swingline Inc class A	1	45½	Sale	31⅞	Sale	32	Sale	30¾ Dec 28	34¾ Dec 5	22⅛ Jun 25	47½ Jan 4
19,400	392,300	Symington-Wayne Corp	1	16¾	Sale	15¾	Sale	15½	Sale	15⅜ Dec 3	16⅛ Dec 12	11¾ May 29	18 Feb 2
17,100	123,300	Taft Broadcasting Co	1	--	--	17⅜	Sale	17¾	Sale	16 Dec 13	17¾ Dec 31	13 Jun 27	19 May 2
157,200	694,400	Talcott (James) Inc	4.50	52¼	Sale	41¾	Sale	40¼	Sale	37⅛ Dec 14	41¾ Dec 3	29½ May 29	55⅞ Mar 23
28,500	442,900	Tandy Corp	1	11⅛	Sale	6⅝	Sale	6⅞	Sale	6⅝ Dec 3	7⅜ Dec 5	4⅞ May 29	11¼ Jan 2
45,500	767,100	TelAutograph Corp	1	12⅜	Sale	6⅝	Sale	5¾	Sale	5½ Dec 28	7¾ Dec 4	4¾ Jun 24	16⅜ Feb 14
98,500	742,300	Tennessee Corp	1.25	60	Sale	45⅝	Sale	47⅜	Sale	45⅝ Dec 3	48 Dec 31	32⅜ Jun 6	61 Mar 9
510,800	3,911,300	Tennessee Gas Trans Co	5	24	Sale	16¾	Sale	18⅛	Sale	16⅜ Dec 18	18⅛ Dec 31	15⅜ Oct 31	25¼ Mar 2
298,835	3,754,449	Texaco Inc	12.50	57⅜	Sale	57⅛	Sale	61⅞	Sale	57⅛ Dec 3	61⅞ Dec 26	45 Jun 25	61⅞ Dec 26

For footnotes, see page 29.

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER — Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
127,100	1,547,300	Texas Eastern Transmn	3.50	17⅜	Sale	15⅞	Sale	16⅛	Sale	15⅜ Dec 19	16½ Dec 31	14 May 29	18⅞ Mar 5
19,500	305,800	Texas Gas Transmission	5	37⅝	Sale	41⅛	Sale	41⅝	Sale	40 Dec 4	41⅞ Dec 31	34½ May 29	45¾ Mar 29
72,900	1,826,900	Texas Gulf Producing	33⅓	39¾	Sale	43	Sale	41¾	Sale	41⅛ Dec 10	45 Dec 5	32½ Jun 25	52¾ Apr 11
414,100	2,980,400	Texas Gulf Sulphur	*	21⅝	Sale	13⅝	Sale	14⅜	Sale	13⅜ Dec 3	15⅜ Dec 13	11⅛ Oct 22	23½ Jan 15
263,200	3,064,100	Texas Instruments Inc	1	123	Sale	61¼	Sale	63½	Sale	58⅜ Dec 18	64⅞ Dec 5	49 Oct 22	125½ Jan 4
75,000	1,817,800	Texas Pacific Coal & Oil	10	35	Sale	51⅜	Sale	48⅝	Sale	48½ Dec 18	51½ Dec 4	33½ May 29	52½ Nov 29
8,200	219,200	Texas Pacific Land Trust Sub shares	1	17⅝	Sale	17½	17⅞	17½	Sale	16½ Dec 17	18 Dec 6	13½ July 19	21⅞ Feb 7
80,600	‡685,900	Texas Utilities Co	*	--	--	50¼	Sale	51⅜	Sale	48⅝ Dec 7	51⅝ Dec 31	‡37⅛ Jun 25	50⅝ Nov 26
130,300	1,115,600	Textron Inc common	50c	26⅝	Sale	26⅜	Sale	29¾	Sale	26⅛ Dec 3	30¼ Dec 26	22⅝ May 29	31¼ Mar 9
6,100	62,600	$1.25 conv preferred	*	28⅞	Sale	29½	Sale	32	Sale	29½ Dec 3	32¾ Dec 26	26⅝ May 29	33½ Mar 9
23,000	195,800	Thatcher Glass Mfg	5	25¾	Sale	23¾	Sale	25⅜	Sale	23¾ Dec 3	26⅜ Dec 26	19⅛ Jun 25	27¾ Mar 1
245,500	3,289,300	Thiokol Chemical Co	1	37⅞	Sale	29⅞	Sale	28⅛	Sale	28 Dec 28	32¼ Dec 5	18⅜ Jun 25	44⅛ Jan 22
16,900	37,200	Thomas & Betts Co	1	--	--	26¼	Sale	28½	Sale	25½ Dec 3	29⅜ Dec 10	23⅛ Oct 17	29⅜ Dec 10
2,200	28,400	Thompson (John R)	7.50	24	24½	12	12¾	10¾	Sale	10¾ Dec 31	12½ Dec 13	10½ Jun 25	24 Jan 3
48,000	736,400	Thompson-Ramo Wooldridge Common	5	65¾	Sale	57	Sale	52¾	Sale	52¾ Dec 31	59¾ Dec 21	37⅝ Jun 25	66 Jan 2
240	2,060	4% preferred	100	82½	83½	87½	Sale	88½	89½	87½ Dec 3	88½ Dec 13	83 Jan 12	88½ Apr 6
1,400	68,300	Thor Power Tool Co	*	26⅜	Sale	30⅝	Sale	29¼	29½	29 Dec 18	31 Dec 6	25½ Oct 25	36 Apr 4
133,200	815,700	Tidewater Oil Co com	10	20⅞	Sale	19¼	Sale	22⅜	Sale	19⅛ Dec 3	22⅝ Dec 31	15⅜ Oct 24	23¼ Feb 16
12,200	196,800	$1.20 preferred	25	23¾	Sale	24⅞	Sale	25	25¼	24⅝ Dec 11	25¼ Dec 6	23⅝ Jan 3	25¼ Nov 2
25,500	350,200	Timken Roller Bearing	*	55	Sale	52	Sale	54	Sale	50 Dec 10	54¼ Dec 31	45 Jun 25	57¼ Feb 7
18,500	433,600	Tishman Realty & Const	1	22¾	Sale	22¼	Sale	18⅛	Sale	17⅝ Dec 18	22¼ Dec 3	15 Oct 25	25½ Mar 26
31,900	354,600	Toledo Edison Co (The)	5	26½	Sale	24⅞	Sale	26⅜	Sale	24½ Dec 5	26½ Dec 28	20¼ May 29	27⅛ Jan 15
6,900	136,200	Torrington Co	*	61½	Sale	56½	Sale	58	Sale	56½ Dec 3	58½ Dec 5	45 May 29	63¾ Jan 30
37,200	446,800	Tractor Supply Co	1	36⅜	Sale	19⅞	Sale	20⅛	Sale	19 Dec 11	20⅝ Dec 31	15¼ Oct 24	42¾ Feb 8
23,600	301,100	Trane Co (The)	2	81½	Sale	65½	Sale	67½	Sale	64 Dec 13	68 Dec 28	51 Jun 25	81½ Jan 2
76,800	1,039,700	Transamerica Corp com	2	48	Sale	43½	Sale	45	Sale	42¾ Dec 3	47½ Dec 20	28¼ Jun 25	48⅞ Feb 15
7,900	86,610	4½% conv preferred	100	141	Sale	130½	Sale	134	134½	130½ Dec 3	138½ Dec 5	108 Jun 21	141 Jan 2
240,000	2,080,400	Transitron Electronic Corp	1	18⅞	Sale	8	Sale	6⅝	Sale	6½ Dec 18	8¼ Dec 5	6¼ May 29	18⅞ Jan 2
76,400	852,300	Transwestern Pipeline Co	1	12½	Sale	9⅞	Sale	9⅞	Sale	9⅝ Dec 5	10¾ Dec 13	8½ May 29	15¾ Feb 14
60,100	494,400	Trans World Airlines Inc	5	12¼	Sale	11⅛	Sale	10½	Sale	10⅜ Dec 31	12¼ Dec 6	7½ May 29	14¼ Jan 19
42,900	512,500	Trans-World Financial Co	1	--	--	17	Sale	17½	Sale	16¾ Dec 17	20 Dec 14	13 Oct 23	34½ Apr 23
78,300	839,200	Tri-Continental Corp com	1	50⅞	Sale	42¼	Sale	42⅝	Sale	40⅜ Dec 17	43⅜ Dec 27	34 May 29	51½ Feb 8
6,700	101,600	$2.70 preferred	50	55¾	Sale	57	57¼	56⅞	Sale	56⅛ Dec 19	57½ Dec 5	54⅝ May 29	57½ Nov 30
26,300	218,300	Tung-Sol Electric Co com	1	23⅜	Sale	16⅞	Sale	14⅜	Sale	14⅛ Dec 28	17⅛ Dec 5	13 Oct 26	26⅞ Feb 16
1,300	9,200	5% pfd series of 1957	50	50	50½	46⅝	47⅛	45¼	46½	46 Dec 26	48 Dec 7	46 Oct 29	52¼ Feb 5
123,900	1,005,200	20th Century-Fox Film	1	35⅞	Sale	19¼	Sale	20¼	Sale	18⅝ Dec 5	21½ Dec 7	15⅝ Oct 24	39⅜ Jan 22
55,500	243,600	Twin Industries Corp	1	11¼	Sale	7½	Sale	10	Sale	7⅜ Dec 13	10⅛ Dec 31	6¾ May 29	11⅞ Jan 2
9,800	290,900	Udylite Corp (The)	1	15⅝	Sale	16½	Sale	17	Sale	16½ Dec 3	17½ Dec 5	15 Oct 24	19¼ May 15
64,200	642,600	Underwood Corp	*	36	Sale	16⅞	Sale	17¼	Sale	16 Dec 10	17¼ Dec 27	12⅝ Oct 1	36 Jan 2
121,300	2,069,700	Unilever Ltd Am dep rcts ord		27	Sale	21⅛	Sale	22	Sale	19⅝ Dec 11	22 Dec 21	16¾ Oct 23	27⅝ Jan 15
122,700	1,492,900	Unilever N V ord shs	20g	51¾	Sale	39⅛	Sale	38⅜	Sale	37⅜ Dec 19	39¼ Dec 5	30⅝ Oct 23	53½ Jan 15
8,200	204,100	Union Asbestos & Rubber	5	7⅞	7½	8⅛	Sale	8¼	Sale	8⅛ Dec 3	9¼ Dec 5	7 Jun 25	10¾ Mar 22
65,100	910,700	Union Bag-Camp Paper	6⅔	37¼	Sale	36	Sale	34¾	Sale	34⅛ Dec 19	36⅜ Dec 5	31¾ May 29	43¾ Mar 15
92,700	1,809,300	Union Carbide Corp	*	121⅜	Sale	104¼	Sale	100⅞	Sale	99½ Dec 18	105⅛ Dec 7	83 Jun 27	121⅜ Jan 2
40,800	581,100	Union Electric Co com	10	47½	Sale	48¾	Sale	48	Sale	47⅜ Dec 20	49½ Dec 12	37¾ May 28	52¼ Apr 25
1,010	17,830	$4.50 preferred	*	97½	Sale	99¼	100½	100	101	99¼ Dec 27	101¼ Dec 7	94¾ July 24	101¼ Dec 7
170	990	$3.70 preferred	*	77	Sale	82	83½	82½	83½	82½ Dec 12	83½ Dec 13	78 Feb 2	83½ Dec 13
650	10,730	$3.50 preferred	*	74	Sale	75½	Sale	77½	78½	75¼ Dec 6	78 Dec 19	72½ Jun 29	78 Dec 19
470	5,450	$4.00 preferred	*	86	Sale	88½	90	91½	Sale	89¼ Dec 5	92 Dec 28	84¼ Jan 18	92 Dec 28
73,700	857,600	Union Oil of California	25	67½	Sale	62½	Sale	63⅛	Sale	60⅝ Dec 4	63⅞ Dec 31	43½ May 29	69½ Jan 3
117,300	1,594,200	Union Pacific RR com	10	33⅝	Sale	34⅛	Sale	33¾	Sale	32¾ Dec 13	35 Dec 4	27½ May 29	35 Dec 4
47,700	625,300	4% preferred	10	8⅜	Sale	8¾	Sale	8⅝	Sale	8⅝ Dec 4	8⅞ Dec 3	8¼ Jan 2	8⅞ Feb 28
120,100	765,100	Union Tank Car Co	*	35¼	Sale	25½	Sale	27¼	Sale	23¾ Dec 17	27¾ Dec 24	22 Nov 8	39 Feb 19
3,200	102,500	Union Twist Drill Co	5	28	Sale	24	24¾	23⅞	Sale	22½ Dec 17	24⅞ Dec 5	20⅛ Oct 23	32¼ Mar 13
150,500	1,197,300	United Air Lines Inc	10	39½	Sale	32⅜	Sale	32⅛	Sale	31 Dec 11	34½ Dec 6	20¼ Jun 28	39⅝ Jan 19
94,700	1,368,400	United Aircraft common	5	42¼	Sale	52⅞	Sale	51⅞	Sale	50 Dec 17	54⅞ Dec 5	38¼ Jun 25	54⅞ Dec 5
100	4,300	4% cv pfd (1955 ser)	100	105	110	109	113	104	115	113 Dec 5	113 Dec 5	100 Jun 26	113 Dec 5
2,900	35,900	4% cv pfd (1956 ser)	100	95	Sale	100	100¾	102	102½	100¼ Dec 7	102¼ Dec 18	88½ July 23	102¼ Dec 18
35,100	408,300	United Artists Corp	1	32	Sale	27	Sale	27⅝	Sale	26 Dec 11	28¼ Dec 21	22¾ Oct 24	35⅜ Mar 15
25,200	305,200	United Biscuit Co of Amer	*	48⅝	Sale	40	Sale	40¼	Sale	37½ Dec 21	40¾ Dec 7	33¾ May 29	50¼ Mar 16
1,200	29,900	United Board & Carton	10	26¼	Sale	25	Sale	23	25	24 Dec 19	25¾ Dec 7	19 July 25	26¾ Mar 28
60,100	603,500	United Carbon Co	*	78	Sale	97½	Sale	100¼	Sale	97¼ Dec 3	101 Dec 13	60⅛ Jun 25	101 Dec 13
4,300	90,300	United-Carr Fastener	2.50	31½	Sale	31	Sale	30½	Sale	29½ Dec 17	32 Dec 4	24 Jun 25	33⅞ Mar 14
52,200	1,058,900	United Corp (Del)	1	8½	Sale	7⅞	Sale	8¼	Sale	7⅞ Dec 3	8⅜ Dec 6	6⅝ Jun 27	8¾ Jan 5
2,100	35,900	United Electric Coal Cos	5	63	63½	49¾	Sale	53¾	54½	48¼ Dec 4	53½ Dec 14	41⅝ Jun 27	64 Jan 3
28,300	251,200	United Eng & Foundry	5	21¼	Sale	17⅝	Sale	18⅛	Sale	17⅝ Dec 3	18⅝ Dec 5	16¾ May 29	23¼ Feb 21
107,500	1,318,700	United Financial Corp	1	55	Sale	21½	Sale	21½	Sale	20⅝ Dec 21	23⅜ Dec 10	18 Oct 23	56 Mar 2
128,100	1,831,100	United Fruit Co	*	24½	Sale	22	Sale	21½	Sale	21 Dec 19	22½ Dec 26	17⅛ Oct 24	30½ Feb 2
122,000	413,700	United Gas Corp	10	38¾	Sale	34⅞	Sale	37	Sale	33 Dec 10	37 Dec 28	29¾ May 28	38⅞ Jan 2
5,600	‡84,600	United Gas Improvemt	4.50	--	--	22	Sale	21	21¼	20⅝ Dec 24	22½ Dec 7	‡19½ May 29	25¾ May 9
11,200	156,400	United Greenfield Corp	10	16½	Sale	18¼	Sale	19	Sale	18⅛ Dec 3	19⅛ Dec 27	15⅜ May 29	20½ Mar 20
63,600	993,800	United Merch & Mfgs	1	23⅜	Sale	18½	Sale	17½	Sale	17¼ Dec 21	19 Dec 14	16¼ Oct 23	25 Mar 26
47,600	419,500	United Park City Mines	1	1¼	Sale	1	Sale	1⅛	Sale	1⅛ Dec 6	1¼ Dec 28	⅞ May 29	1⅜ Jan 2
50,200	460,300	United Shoe Machinery	25	70¼	Sale	49¼	Sale	46¾	Sale	45½ Dec 19	50¾ Dec 5	41 Oct 24	71⅛ Jan 4
460	14,070	6% preferred	25	32¾	33¾	33¼	Sale	34¼	Sale	33¼ Dec 3	34¼ Dec 31	31½ Oct 24	35½ Mar 16
27,500	314,600	U S Borax & Chem com	1	34½	Sale	26	Sale	24⅜	Sale	23⅝ Dec 14	26¼ Dec 3	19⅛ Oct 22	41⅛ Feb 14
90	8,430	4½% preferred	100	96	Sale	96⅞	98	98¼	99	97½ Dec 7	98¼ Dec 24	95¼ Aug 10	98¼ Dec 24
18,000	224,300	U S & Foreign Securities	1	30⅛	Sale	28¼	Sale	26½	Sale	26⅛ Dec 31	28⅜ Dec 5	23¼ Jun 25	32¾ Mar 9
41,300	677,800	U S Freight Co	*	42	42¾	37⅞	Sale	39⅜	Sale	36⅝ Dec 10	39⅜ Dec 31	28¼ Jun 25	47⅞ Mar 23
68,500	777,300	U S Gypsum common	4	104½	Sale	77½	Sale	73⅛	Sale	72¾ Dec 19	78¾ Dec 4	65¼ Oct 24	105¼ Jan 4
----	5,250	7% preferred	100	152¼	155	161	162½	160½	162½	-- ------	-- ------	153 July 11	164½ May 25
81,600	2,530,200	U S Industries Inc com	1	21½	Sale	15	Sale	13⅜	Sale	13¼ Dec 28	15¼ Dec 4	10⅜ Oct 23	24¼ Mar 2
2,100	8,200	4½% pfd series A	50	43¼	45	46⅛	48	47	48	46½ Dec 24	47 Dec 10	43 Jun 21	48½ Mar 29
18,900	384,200	U S Lines common	1	30⅛	Sale	39	Sale	40	Sale	38½ Dec 24	40 Dec 31	30⅛ Jan 2	42¼ Sep 18
200	7,800	4½% preferred	10	8¾	9	9	Sale	8½	8¾	8¾ Dec 21	9 Dec 3	8¾ Jan 16	9¼ Feb 5
91,400	883,200	U S Pipe & Foundry Co	5	22⅜	Sale	15¾	Sale	15	Sale	15 Dec 18	16¼ Dec 6	14 Oct 23	23⅜ Feb 23
10,300	108,100	U S Playing Card	5	29½	Sale	25½	Sale	24¾	Sale	23¼ Dec 18	25½ Dec 3	23¼ Dec 18	31¼ May 4
31,100	395,100	U S Plywood Corp com	1	48⅝	Sale	47¼	Sale	44¾	Sale	43½ Dec 24	48⅜ Dec 12	38 Aug 7	53⅝ Mar 20
----	1,310	3¾% pfd series A	100	79½	92½	80	81	90½	92½	-- ------	-- ------	79 Jan 12	82½ Sep 4
108,100	1,306,600	U S Rubber Co common	5	56	Sale	41⅛	Sale	40½	Sale	40 Dec 24	43⅛ Dec 5	36 Oct 23	60⅝ Feb 9
4,710	83,940	8% non-cum 1st pfd	100	159½	Sale	161¼	Sale	162½	Sale	160¼ Dec 12	162½ Dec 31	152¼ July 2	164 May 2
7,200	‡146,300	U S Shoe Corp	*	--	--	30¼	Sale	29	Sale	28⅜ Dec 27	31½ Dec 10	‡22¼ May 29	35 Mar 27
130,500	691,300	U S Smelting Ref & Mng	50	36½	Sale	40¾	Sale	49	Sale	38½ Dec 19	51 Dec 31	22⅜ Jun 26	51 Dec 31
12,600	101,400	7% preferred	50	52½	Sale	55¼	Sale	59	Sale	55¼ Dec 3	62½ Dec 31	49¼ July 2	62½ Dec 31
624,700	8,967,800	U S Steel Corp com	16⅔	78⅞	Sale	47½	Sale	43⅝	Sale	43¼ Dec 11	48 Dec 4	37¾ Oct 22	78⅞ Jan 2
11,600	176,900	7% preferred	100	144¾	Sale	146¼	Sale	150	Sale	146¼ Dec 3	150½ Dec 31	139½ July 2	152¾ Apr 17
24,200	278,300	U S Tobacco Co common	*	38	Sale	27	Sale	26⅝	Sale	25½ Dec 18	27 Dec 3	23½ May 29	39⅜ Feb 6
200	6,520	7% non-cum preferred	25	36½	38	38½	39	38½	39	38½ Dec 5	38½ Dec 5	37 Jan 4	39½ July 17
27,400	407,900	U S Vitamin & Pharmactl	1	39	Sale	25⅝	Sale	23⅛	Sale	23 Dec 21	27¼ Dec 6	17⅛ Jun 22	42⅜ Jan 22
41,000	553,600	United Whelan Corp	30c	13¼	Sale	7⅛	Sale	6¼	Sale	6⅛ Dec 31	7¼ Dec 3	6 Oct 29	14½ Mar 23
43,400	486,700	Universal American Corp	25c	--	--	7⅝	Sale	7¾	Sale	7⅜ Dec 3	8⅞ Dec 13	5¼ May 29	11⅛ Apr 2
1,900	42,300	Conv preferred	5	--	--	37½	40	39	39¾	39 Dec 6	40 Dec 5	34¾ Feb 2	40⅜ Apr 24
28,000	314,200	Universal Cyclops Steel	1	38¼	Sale	26⅜	Sale	24½	Sale	23⅝ Dec 18	27 Dec 5	19¾ Oct 19	38⅞ Jan 3
14,400	220,500	Universal Leaf Tob com	*	52¼	Sale	38½	Sale	37	Sale	36¼ Dec 24	38¾ Dec 3	33⅞ Oct 24	54 Feb 6
420	2,390	8% preferred	100	162	164	161	161½	160¼	162	159¾ Dec 20	163 Dec 7	158 Aug 8	170 Feb 2
183,800	1,941,700	Universal Match Corp	2.50	31¼	Sale	15⅝	Sale	13⅞	Sale	13½ Dec 19	16¼ Dec 5	10¾ Oct 23	31½ Jan 2
266,500	1,808,900	Universal Oil Products Co	1	60⅛	Sale	36¼	Sale	39⅞	Sale	35½ Dec 3	41 Dec 7	29½ Oct 24	61½ Mar 14
127,900	1,339,900	Upjohn Co	1	54½	Sale	33¾	Sale	32⅞	Sale	32¼ Dec 19	36 Dec 5	28¾ Oct 31	55 Jan 2
40,200	323,800	Utah Power & Light	12.80	38	Sale	35½	Sale	38¼	Sale	35½ Dec 3	39¼ Dec 19	31½ May 29	40⅞ Mar 20
4,400	78,200	Vanadium-Alloys Steel Co	5	30½	Sale	29¾	Sale	27½	28	27¾ Dec 28	29¾ Dec 3	22¼ May 29	33½ Feb 1
53,400	441,100	Vanadium Corp of Amer	1	22⅞	Sale	14¾	Sale	13⅛	Sale	12⅜ Dec 19	15⅛ Dec 5	12⅜ Dec 19	28⅜ Jan 16
15,200	89,500	Van Raalte Co	10	25½	25¾	25½	25¾	28½	Sale	24½ Dec 6	28½ Dec 31	20 May 29	28½ Dec 31
108,100	1,964,900	Varian Associates	1	45	Sale	34⅞	Sale	33⅛	Sale	32⅝ Dec 28	37⅝ Dec 5	22⅜ Jun 22	45⅞ Feb 19
79,500	1,098,200	Vendo Co	1.25	50½	Sale	27¼	Sale	26⅛	Sale	25¼ Dec 21	28⅝ Dec 5	19⅛ Jun 25	50¾ Jan 2
49,100	381,500	Victor Comptometer	1	15⅝	Sale	9⅞	Sale	8⅞	Sale	8⅝ Dec 18	10⅛ Dec 4	8 Oct 24	18 Jan 10
19,300	336,300	Va-Car Chem Corp com	1	35	Sale	36¼	Sale	41½	Sale	35½ Dec 13	41⅝ Dec 31	27 Jun 25	44⅜ Mar 23
12,600	94,300	5% prior preferred	50	--	--	40½	Sale	41	Sale	39⅜ Dec 13	41 Dec 28	39⅛ Oct 24	44 Oct 1
7,800	82,700	5% conv preferred	50	--	--	50	Sale	53¼	Sale	48 Dec 13	53¼ Dec 31	44 Oct 24	53¼ Dec 31

For footnotes, see page 29.

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Aggregate Sales in December Shares	Sales for Year 1962 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Ask	Dec. 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	Highest Sale Prices
56,700	815,300	Virginia Elec & Pwr com	8	62⅜	Sale	59⅞	Sale	58	Sale	57½ Dec 17	61⅝ Dec 7	46⅛ May 28	67 Mar 23
830	15,660	$5 preferred	100	106¼	Sale	110¼	Sale	110	Sale	109¼ Dec 4	111½ Dec 13	103½ July 18	111½ Dec 13
30	2,440	$4.04 preferred	100	84	86	89	90½	90	91	90 Dec 24	90 Dec 24	86 Jan 19	92⅜ May 22
40	2,830	$4.20 preferred	100	89½	Sale	92	94½	94	95	93½ Dec 20	93½ Dec 20	89½ Jan 2	94½ Feb 13
220	1,690	$4.12 preferred	100	88½	90	90⅞	93½	92¼	93	91 Dec 17	92⅛ Dec 18	88 Jun 29	92¼ Feb 20
540	3,460	$4.80 preferred	100	--	--	104½	105	104½	105½	104½ Dec 5	105½ Dec 13	102½ Aug 24	105½ Oct 16
12,600	184,900	Von's Grocery Co	1	25⅞	Sale	20	Sale	21⅞	Sale	20 Dec 3	22⅜ Dec 21	16⅛ Jun 25	26⅜ Jan 3
38,600	574,300	Vornado Inc	10c	--	--	21	Sale	18¼	Sale	18¼ Dec 24	22⅛ Dec 5	16 Oct 23	34⅞ Mar 26
56,300	966,500	Vulcan Materials Co com	1	11½	Sale	10¼	Sale	10¼	Sale	9⅞ Dec 11	10½ Dec 3	8½ May 29	14⅜ Feb 21
3,200	59,200	5% conv preferred	16	15⅜	15½	15⅜	Sale	15	Sale	15 Dec 13	15½ Dec 10	14¼ Jun 25	16⅞ Feb 21
10	1,540	5¾% preferred	100	96	97½	100	Sale	100½	101½	100 Dec 3	100 Dec 3	97¾ Aug 20	102 Apr 9
250	2,800	6¼% preferred	100	102	103	104	Sale	104¼	105	104 Dec 3	105 Dec 26	101⅞ Sep 10	106 Jan 30
140	5,110	Wabash RR 4½% pfd	100	80	Sale	80	Sale	83	85	80 Dec 3	83 Dec 20	74 July 9	88 Feb 20
21,800	273,400	Wagner Electric Corp	15	30⅞	Sale	21	Sale	20	Sale	19 Dec 20	21½ Dec 3	16 Oct 26	31 Jan 3
18,800	92,800	Waldorf System	*	8⅞	Sale	5¾	Sale	6⅞	Sale	5½ Dec 14	6⅞ Dec 20	5⅜ Oct 24	9⅜ Jan 4
9,700	146,700	Walgreen Co	10	61½	Sale	46⅛	Sale	46¼	Sale	45¼ Dec 3	47¾ Dec 5	39¼ Oct 24	65⅞ Mar 21
16,200	196,700	Walker (Hiram) G & W	*	57¼	Sale	50⅜	Sale	54¾	Sale	49¾ Dec 3	54¾ Dec 31	40½ Jun 25	57¼ Jan 2
7,300	143,200	Wallace & Tiernan Inc	50c	39¼	Sale	29	Sale	26¾	Sale	24¾ Dec 28	29½ Dec 5	21¼ Oct 25	44¾ Feb 8
86,800	782,500	Walworth Co	2.50	7½	Sale	6⅜	Sale	7	Sale	5⅝ Dec 12	7⅛ Dec 26	4¼ Oct 19	8¼ Feb 20
16,000	140,000	Ward Baking Co common	1	9½	Sale	7⅜	Sale	7¼	Sale	7 Dec 20	8⅜ Dec 10	5⅝ Oct 25	9⅝ Feb 21
610	9,680	5½% preferred	100	67	Sale	66½	Sale	65	Sale	62 Dec 27	69½ Dec 7	59½ Jun 15	72 Mar 12
39,000	406,800	Ward Industries Corp	1	16	Sale	4⅝	Sale	4⅛	Sale	3½ Dec 24	4¾ Dec 12	3⅜ Oct 24	17¾ Jan 25
86,900	‡513,100	Warner Bros Pictures	1.25	--	--	13⅞	Sale	14	Sale	13½ Dec 27	15 Dec 12	‡10½ Oct 24	20¾ Feb 9
10,700	156,200	Warner Co	10	33⅞	Sale	27	Sale	30	Sale	27 Dec 3	30 Dec 31	22 Oct 24	38¼ Apr 19
149,800	‡1,397,400	Warner Lambert Pharmaceutical com	1	--	--	24⅞	Sale	24	Sale	22⅞ Dec 19	24⅞ Dec 3	‡17⅜ Oct 3	27⅞ May 17
9,500	50,500	$4 conv preferred	100	--	--	101¼	Sale	105	Sale	101¼ Dec 3	105 Dec 28	92 Oct 5	105 Dec 28
10,200	121,200	Warren (S D) Co	*	54¾	Sale	34¼	Sale	32	Sale	31¾ Dec 11	35 Dec 17	29 Oct 2	54¾ Jan 2
13,800	154,300	Washington Gas Light	*	40½	Sale	33	Sale	35¾	Sale	33 Dec 3	35¾ Dec 31	29 May 29	40¾ Jan 2
13,300	228,500	Washington Water Power	*	50¾	Sale	46	Sale	47⅛	Sale	45¼ Dec 21	48 Dec 10	39 May 29	51 Jan 2
1,900	31,300	Waukesha Motor Co	5	35½	Sale	33¼	34	31¼	Sale	31¼ Dec 28	33½ Dec 11	29¾ May 29	37⅞ Mar 19
1,700	33,800	Wayne Knitting Mills	5	34	Sale	31	Sale	30	30¼	29½ Dec 24	33 Dec 10	26¾ Oct 26	36½ Feb 8
27,500	314,900	Welbilt Corp	1	4½	Sale	3¼	Sale	3	Sale	2⅞ Dec 13	3⅜ Dec 4	2⅞ Oct 22	5¼ Jan 31
8,700	97,100	West Kentucky Coal Co	4	11⅞	Sale	9⅝	Sale	9¼	Sale	9 Dec 21	10 Dec 10	8⅝ Oct 23	14⅞ Feb 20
690	11,270	West Penn Pwr 4½% pfd	100	98½	Sale	101	Sale	102	102¾	100½ Dec 4	102⅜ Dec 24	95¼ Jun 25	102¼ Apr 4
260	1,220	4.20% pfd series B	100	87	88½	92	94	95	96	93¼ Dec 7	95 Dec 28	87 Jan 11	95 Dec 28
10	2,210	4.10% pfd series C	100	85	86	91	92	91½	92½	92 Dec 11	92 Dec 11	85¾ Jan 11	92 Apr 30
53,300	458,400	West Va Pulp & Paper	5	44⅜	Sale	31½	Sale	31¼	Sale	29⅝ Dec 14	33 Dec 5	26½ Oct 22	46 Mar 12
260	5,440	4½% prefrred	100	98	Sale	100	101	100	101	100 Dec 11	102 Dec 5	97½ Feb 16	102 Dec 5
69,400	547,900	Western Air Lines Inc	1	23½	Sale	30½	Sale	31¾	Sale	29⅞ Dec 3	32¼ Dec 4	19 May 29	32¼ Dec 4
73,300	1,052,800	Western Bancorporation	2	39	Sale	31⅝	Sale	33⅜	Sale	30½ Dec 4	34¼ Dec 17	23½ Jun 25	39 Jan 2
26,100	231,400	Western Maryland com	*	24	Sale	20⅛	Sale	18¾	Sale	17¼ Dec 28	20⅞ Dec 5	13 Jun 27	29 Feb 21
1,100	12,300	4% non-cum 2nd pfd	40	28¼	29	28	Sale	27¾	28	27¼ Dec 24	28⅛ Dec 12	23½ July 31	32¼ Feb 9
22,500	196,400	Western Pacific RR	*	26½	Sale	27¾	Sale	29¼	Sale	27¼ Dec 3	29¼ Dec 31	18⅞ Jun 14	29¼ Dec 31
173,500	1,827,600	Western Union Teleg	2.50	39⅝	Sale	27⅝	Sale	26⅝	Sale	25½ Dec 18	27⅞ Dec 5	21½ Oct 24	41¾ Jan 4
49,200	641,800	Westinghouse Air Brake	10	25¾	Sale	25⅜	Sale	25¼	Sale	25 Dec 18	26½ Dec 6	21⅞ Oct 24	30⅜ Mar 12
363,100	5,220,600	Westinghouse Elec com	6.25	39⅛	Sale	32⅝	Sale	32	Sale	31⅛ Dec 11	33⅛ Dec 27	25 May 29	39⅛ Jan 2
1,900	25,000	3.80% preferred ser B	100	83	Sale	87½	Sale	87½	88½	87 Dec 3	88¼ Dec 12	80 Jun 27	88½ Jan 31
100	985	Wheeling & Lake Erie	100	108	120	108½	112	106¾	114	112 Dec 6	112 Dec 6	108½ Sep 24	118 Apr 2
44,500	528,900	Wheeling Steel common	10	42	Sale	31⅜	Sale	26¾	Sale	26⅝ Dec 31	31½ Dec 3	25 Sep 10	42¾ Jan 2
890	13,640	$5 preferred	*	94	Sale	93½	Sale	92½	Sale	91 Dec 19	93½ Dec 3	90¼ Oct 29	96½ Apr 18
51,200	511,100	Whirlpool Corp common	5	30⅝	Sale	34¾	Sale	35¾	Sale	34½ Dec 4	36⅞ Dec 20	25¾ May 11	36⅞ Dec 20
400	7,800	4¼% conv preferred	80	74	77	71⅜	75	77	80	72 Dec 4	76 Dec 21	71¾ May 14	77 Apr 24
7,700	72,600	White Dental Mfg (S S)	20	43⅝	44	34	Sale	33⅜	Sale	32½ Dec 18	34½ Dec 3	29 Oct 24	47¼ Mar 28
27,900	564,000	White Motor Co common	1	51⅞	Sale	44⅜	Sale	41⅛	Sale	40¾ Dec 31	44½ Dec 4	33¾ Jun 25	52⅜ Jan 4
270	64,280	5¼% preferred	100	101	102½	103	103½	101	102½	101 Dec 28	103½ Dec 10	100 Feb 23	103½ Nov 19
32,000	187,500	White Sewing Machine	1	9	Sale	7⅛	Sale	6⅝	Sale	6¼ Dec 18	7⅛ Dec 3	5 May 29	10¼ Jan 15
600	12,600	Prior preference	20	24	24½	21½	22½	21	Sale	21 Dec 31	22 Dec 21	20 Oct 26	25 Jan 19
1,300	14,000	$3 conv preferred	50	39½	41	40	Sale	39	39⅝	39 Dec 11	40 Dec 3	32½ Aug 17	43½ Feb 28
11,600	102,200	White Stores Inc	1	25⅜	Sale	19	Sale	18⅜	Sale	18¼ Dec 27	19⅜ Dec 12	18¼ Dec 27	26¾ Mar 2
6,400	110,200	Wickes Corp	5	44¾	Sale	34¾	Sale	36	Sale	33¼ Dec 24	37½ Dec 17	26½ May 29	48 Mar 22
37,600	437,900	Wilcox Oil Co	5	25	25¾	26⅛	Sale	26½	Sale	25¾ Dec 4	28⅜ Dec 6	18 Jun 25	32¾ Feb 20
31,000	383,500	Wilson & Co common	*	48¾	Sale	40	Sale	38	Sale	36 Dec 19	40½ Dec 4	33¾ Oct 22	57 Feb 16
400	8,000	$4.25 preferred	*	85	Sale	87¼	89	86¾	87¾	86¾ Dec 11	87½ Dec 5	84⅞ Mar 16	88 Nov 15
5,300	64,400	Wilson Jones Co	10	39¼	41	31½	Sale	32½	Sale	30¾ Dec 28	33¾ Dec 5	23⅝ Jun 25	46 Mar 14
10,400	132,600	Windsor Industries Inc	10c	7½	Sale	6	Sale	6⅛	Sale	6 Dec 3	6½ Dec 26	5 Jun 26	9⅝ Feb 7
75,600	1,027,000	Winn-Dixie Stores Inc	1	39	Sale	25⅛	Sale	27⅝	Sale	25 Dec 11	28 Dec 26	22 Jun 26	39 Jan 2
16,400	298,200	Wisconsin Elec Pwr com	10	56	Sale	55½	Sale	57¼	Sale	55½ Dec 3	57¾ Dec 20	44 May 29	60¼ Mar 16
80	1,810	6% preferred	100	129	131	128½	130	129	130	129 Dec 5	130 Dec 26	125 Feb 9	131½ Apr 10
10,200	176,000	Wisconsin Pub Serv Corp	10	38¾	Sale	41⅝	Sale	44½	Sale	41⅝ Dec 3	44¾ Dec 28	31¼ May 29	44¾ Dec 28
25,600	167,400	Witco Chemical Co Inc	5	--	--	29	Sale	27¾	Sale	26⅜ Dec 19	29¾ Dec 5	20 Oct 23	29¾ Dec 5
8,500	120,100	Woodward Iron Co	10	28⅛	Sale	25¼	Sale	24⅝	Sale	24⅛ Dec 26	25½ Dec 4	23 Oct 15	29⅜ Jan 22
57,600	685,500	Woolworth (F W) Co	10	92¼	Sale	68⅛	Sale	63½	Sale	63 Dec 31	68⅛ Dec 3	54⅞ Oct 22	92¼ Jan 2
73,200	630,600	Worthington Corp com	10	53	Sale	28⅝	Sale	26¼	Sale	25⅝ Dec 18	29⅛ Dec 4	21⅝ Oct 22	58 Feb 8
110	7,090	4½% prior preferred	100	89	Sale	84	85	84¾	86	84½ Dec 5	84½ Dec 5	81¼ Jun 28	93 Jan 16
9,100	92,500	Wrigley (Wm) Jr	*	131	Sale	99¼	Sale	104	Sale	97½ Dec 6	105 Dec 27	92½ Jun 25	131 Jan 2
8,500	170,400	Wyandotte Worsted Co	5	9⅞	10	9⅝	Sale	10	Sale	9⅝ Dec 3	10¼ Dec 5	8 Jun 25	11½ Feb 28
290,100	4,631,450	Xerox Corp	1.25	161	Sale	150¾	Sale	158⅜	Sale	148¼ Dec 3	163¾ Dec 5	87½ Jun 14	166¼ Jan 4
40,600	476,800	Yale & Towne Mfg Co	10	29¼	Sale	23½	Sale	23	Sale	22 Dec 11	24⅞ Dec 5	19 Jun 27	30⅜ Feb 21
5,300	74,100	Young (L A) Spg & Wire	5	29⅛	Sale	26¼	Sale	25½	Sale	24¾ Dec 28	26¼ Dec 3	22¾ Oct 23	38½ Feb 16
47,600	836,700	Youngstown Sheet & Tube	*	103	Sale	83¼	Sale	84⅝	Sale	81 Dec 10	86 Dec 4	65⅛ Oct 22	107¾ Mar 28
15,000	395,500	Youngstown Steel Door	*	22⅞	Sale	18⅞	Sale	18⅛	Sale	18 Dec 27	19¼ Dec 5	14⅜ Oct 25	30⅞ Mar 16
186,400	4,558,800	Zenith Radio Corp	1	73½	Sale	54½	Sale	54¾	Sale	52½ Dec 11	56⅞ Dec 5	42¾ Oct 24	75⅝ Mar 15

*No par value. †Corrected volume. ¶Companies in receivership. 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.

1962 STOCK DIVIDENDS AND/OR SPLIT-UPS

American Bank Note Co.	Two-for-one	Apr 25 wi	Illinois Power Co.	Two-for-one	Apr 4 wi
American Electric Power Co.	Two-for-one	Oct 10 wi	Indianapolis Power & Light	Two-for-one	Apr 24 wi
American Meter Co.	Two-for-one	Apr 19 wi	Kansas Gas & Electric	Two-for-one	May 25 wi
American Snuff Co.	Three-for-one	May 2 wi	Litton Industries	Two-for-one	July 6 wi
American Tobacco Co.	Two-for-one	Apr 5 wi	Maytag Company	Two-for-one	Jan 8 wi
Associated Dry Goods	Two-for-one	May 23 wi	McCord Corporation	Two-for-one	Sep 12 wi
Beech-Nut Life Savers	Two-for-one	July 11 wi	McDermott (J. Ray)	Three-for-two	Feb 21 wi
Bliss (E. W.) Co.	Two-for-one	Apr 25 wi	Mercantile Stores Co.	Two-for-one	Jan 31 wi
Bobbie Brooks, Inc.	Two-for-one	Aug 24 wi	Murphy (G. C.) Co.	100% in stock	Sep 11 wi
Boston Edison Co.	2½-for-one	May 28 wi	National Biscuit Co.	Two-for-one	Apr 12 wi
Briggs & Stratton Corp.	Two-for-one	Aug 28 wi	National Steel Corp.	Two-for-one	Jan 26 wi
Canadian Breweries	Five-for-one	Mar 9 wi	North American Car Corp.	Two-for-one	Apr 11 wi
Central Illinois Public Service	Three-for-one	Apr 26 wi	Penick & Ford, Ltd.	Three-for-one	Mar 28 wi
Cluett Peabody & Co.	Two-for-one	Apr 5 wi	Plough, Inc.	Two-for-one	Jun 21 wi
Consolidated Cigar Corp.	Three-for-one	Jan 25 wi	Public Service Co. of Colo.	Three-for-one	Apr 19 wi
Consumers Power Co.	Two-for-one	Apr 16 wi	Public Service (Indiana)	Two-for-one	Apr 3 wi
Crown Cork & Seal Co.	Four-for-one	Nov 30 wi	Rhodesian Selection Trust	One for-four	Mar 2
Delta Air Lines, Inc.	Four-for-three	Feb 13 wi	Rochester Gas & Electric	Two-for-one	May 24 wi
Detroit Edison Co.	Two-for-one	Nov 20 wi	Rohm & Haas Co.	Four-for-one	Apr 18 wi
Emerson Electric Mfg.	Two-for-one	Jan 17 wi	St. Joseph Light & Power	Two-for-one	May 21
Financial Federation	Five-for-four	Jan 23 wi	Simonds Saw & Steel	Three-for-one	Mar 23 wi
FMC Corporation	Two-for-one	Aug 10 wi	Simplicity Pattern Co.	Two-for-one	May 7
Ford Motor Co.	Two-for-one	May 25 wi	Stone Container Corp.		
General Tire & Rubber	Three-for-one	Apr 4 wi	(While listed ASE)	Two-for-one	May 10 wi
Gimbel Brothers	100% in stock	Feb 28 wi	Sunbeam Corp.	Five-for-four	Mar 13 wi
Globe-Union, Inc.			Sweets Co. of America	Three-for-one	Jan 31 wi
Old common also sold on ASE	Three-for-two	Oct 26 wi	Texas Utilities Co.	Two-for-one	May 21 wi
Grace (W. R.) & Co.	Two-for-one	May 11 wi	United Gas Improvement	Three-for-one	May 9
Hackensack Water Co.	Two-for-one	May 18	United States Shoe Corp.	Two-for-one	Feb 14 wi
Heller (Walter E.) & Co.	Four-for-one	Apr 4 wi	Warner Bros. Pictures	Four-for-one	Feb 9 wi
Hercules Powder Co.	Two-for-one	Mar 21 wi	Warner-Lambert Pharmaceutical	Three-for-one	May 10 wi
Hershey Chocolate	Five-for-one	Mar 27 wi			

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American Stock Exchange

Monthly and Yearly Record

RANGE OF STOCK AND BOND PRICES FOR DECEMBER

Stock Sales—	1962	1961	Bond Sales—	1962	1961
December (Shares)	27,155,910	39,836,935	December	$5,317,000	$6,511,000
Jan. 1 to Dec. 31 (Shares)	308,609,304	488,831,037	Jan. 1 to Dec. 31	77,508,000	55,184,000

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 December Shares	Aggregate Sales for Year 1962 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	Highest Sale Prices
10,600	94,600	Aberdeen Petroleum cl A	1	2⅞	Sale	2½	2⅝	2¼	Sale	2¼ Dec 18	2⅞ Dec 6	1⅞ Oct 22	3 Jan 8
54,200	482,800	Acme Hamilton Mfg Corp	10c	2¼	Sale	1	Sale	1	Sale	1⅛ Dec 24	1⅛ Dec 4	1⅛ Dec 24	2¾ Mar 20
14,000	242,100	Acme Missiles & Construction Corp cl A	25c	12	Sale	4¼	Sale	3¾	Sale	3¾ Dec 28	6 Dec 6	3¾ Dec 28	15⅝ Jan 15
13,200	88,000	Acme Precision Products	1	2¾	3⅛	3⅛	Sale	3	Sale	2½ Dec 6	3¾ Dec 11	1¾ Sep 27	3⅞ May 17
2,500	35,700	Acme Wire Co	10	—	—	10½	Sale	10	Sale	9⅞ Dec 28	10½ Dec 3	9⅞ Dec 28	13⅜ Feb 5
50,000	663,300	Admiral Plastics Corp	10c	14	Sale	7¼	Sale	7¼	Sale	7 Dec 27	8⅞ Dec 5	6 Oct 29	17⅝ Feb 8
16,900	148,600	Aero Flow Dynamics Inc	1	4¾	Sale	2¾	Sale	2¾	Sale	2⅜ Dec 12	3 Dec 28	2 Oct 24	4⅞ Jan 5
23,900	505,900	Aerojet-General Corp	1	74½	Sale	51¾	Sale	45½	Sale	45 Dec 31	51¾ Dec 3	41½ May 29	87⅜ Mar 2
24,600	253,500	Aeronca Mfg Corp	1	6⅜	Sale	4¼	Sale	3⅜	Sale	3⅛ Dec 31	4⅜ Dec 5	2¾ Oct 22	8 Jan 19
10,700	236,900	Aerosol Techniques Inc	10c	10⅞	Sale	11½	Sale	11¼	Sale	10 Dec 10	11¾ Dec 12	9 Jun 15	14 Aug 24
200	9,100	Agnew Surpass Shoe Stores	*	17⅛	18	13	14½	13	14	13 Dec 6	13½ Dec 20	13 Nov 16	17 Jan 15
4,100	150,100	Aid Invest & Discount Inc	1	4	Sale	4⅜	Sale	4¼	Sale	4⅛ Dec 27	4⅞ Dec 7	3¾ Jan 2	5⅝ Mar 8
4,800	51,400	Airport Parking Corp of America Class A	*	—	—	18	Sale	17	Sale	15¼ Dec 20	18 Dec 3	13½ May 29	23 Apr 2
153	5,253	Ala Power Co 4.20% pfd	100	85¾	86¾	89½	91½	89	90¾	89¼ Dec 27	91½ Dec 6	86 Jan 3	91¾ Oct 19
9,400	110,813	Alan Wood Steel Co	10	30⅝	Sale	15⅛	Sale	12⅜	Sale	12⅜ Dec 31	15⅛ Dec 3	11¼ Oct 19	30⅞ Jan 2
125	4,075	5% cum preferred	100	79	82	63¾	67	63¼	Sale	63¼ Dec 31	64¼ Dec 13	60 Nov 2	82 Jan 19
19,000	136,500	Alaska Airlines Inc	1	5¼	Sale	3¼	Sale	3¼	Sale	3¼ Dec 3	3¾ Dec 24	3 Oct 19	6⅛ Mar 21
150	700	Algemene Kunstzijde Unie— Amer dep rcts Amer shs		53	59	54	Sale	55¼	56	54 Dec 3	56 Dec 17	48½ Oct 11	56 Dec 17
5,200	106,800	All Amer Engineer'g Co	10c	7	Sale	4¾	Sale	4⅝	Sale	4⅝ Dec 21	5⅛ Dec 5	3⅝ May 29	8½ Jan 31
124,000	1,110,000	All-State Properties Inc	1	7¾	Sale	2⅞	Sale	2½	Sale	2¼ Dec 26	3¼ Dec 4	2⅛ Oct 22	9 Feb 5
169,300	845,400	Alleghany Corp warrants		7⅞	Sale	7	Sale	7⅜	Sale	6¾ Dec 3	8⅝ Dec 21	3¾ Jun 25	9 Mar 19
17,800	288,100	Allegheny Airlines Inc	1	5½	Sale	5⅝	Sale	5½	Sale	5¼ Dec 24	5¾ Dec 4	3⅞ May 29	6⅜ Jan 5
1,300	10,400	Alliance Tire & Rub A	£1¼	8	8½	7¾	8	7⅜	Sale	7¼ Dec 13	7¾ Dec 7	7⅛ Aug 17	9½ Mar 12
21,200	290,100	Allied Artists Pictures	1	5¾	Sale	4⅛	Sale	3	Sale	3 Dec 28	4⅛ Dec 3	2½ May 29	6⅝ Feb 8
----	13,500	5½% conv preferred	10	13½	14½	10½	12	9½	11	-- ------	-- ------	8⅛ July 6	14½ Jan 5
13,500	78,000	Allied Control Co Inc	50c	9⅛	Sale	7½	Sale	7⅝	Sale	6⅛ Dec 21	8⅝ Dec 26	5 Jun 27	9⅝ Jan 22
50,300	385,700	Allied Paper Corp	8	13⅞	Sale	10⅝	Sale	12¼	Sale	10⅝ Dec 3	13¾ Dec 17	8 Oct 24	17¼ Mar 30
24,600	113,100	Alloys Unlimited Inc	10c	15¾	Sale	7	7¼	7¼	Sale	6¾ Dec 7	8 Dec 10	5⅛ May 29	17½ Jan 11
3,600	79,200	Almar Rainwear Corp	1	10¼	10⅞	6	Sale	5⅞	Sale	5¾ Dec 10	6⅛ Dec 3	5½ Nov 26	11½ Feb 6
21,500	183,800	Alsco Inc	1	5	Sale	2⅛	Sale	1⅝	Sale	1⅝ Dec 28	2¼ Dec 3	1¼ Oct 3	6¾ Jan 8
5,050	35,940	Aluminum Co of America— $3.75 cum preferred	100	79	Sale	85	85¾	84½	85	84 Dec 11	85¾ Dec 7	78½ Jan 2	86½ Nov 14
29,800	694,500	Ambassador Oil Corp	1	5⅜	Sale	6	Sale	5¾	Sale	5½ Dec 11	6 Dec 3	4¾ May 29	7¾ Aug 29
5,300	106,400	American Beverage Corp	1	5	Sale	4¾	Sale	4½	Sale	4⅜ Dec 27	5 Dec 4	4⅛ Oct 17	8¼ Mar 14
1,885	13,430	American Book Co	20	64¾	Sale	48½	Sale	46	Sale	44½ Dec 24	49 Dec 4	43¾ Jun 26	65¾ Jan 4
28,400	43,200	American Book-Stratford Press Inc	1	--	--	5½	Sale	5	Sale	4¾ Dec 6	5¾ Dec 13	4¾ Dec 6	6⅜ Nov 20
9,300	57,700	Amer Business Systems	*	15½	16¼	5¼	5½	5½	Sale	5¼ Dec 4	6⅛ Dec 14	4 Oct 24	16⅜ Jan 4
49,600	351,000	American Electronics Inc	1	6¼	Sale	3⅞	Sale	3⅛	Sale	3 Dec 20	4⅛ Dec 5	2⅞ Oct 24	7¾ Jan 4
11,100	277,500	Amer Inter Aluminum	25c	2⅝	Sale	1½	Sale	1¼	Sale	1¼ Dec 10	1½ Dec 3	1 Feb 20	4 Jan 15
14,000	87,300	American Israeli Paper Mills Ltd American shares	£1	3	Sale	2¼	Sale	2⅜	Sale	2⅛ Dec 7	2⅝ Dec 4	2 May 29	3¼ Jan 17
39,300	439,600	American M A R C Inc	50c	4½	Sale	3	Sale	2½	Sale	2½ Dec 28	3 Dec 3	2½ Dec 28	4⅞ Jan 18
1,900	27,800	American Mfg Co	12.50	43	Sale	36¼	37¼	36	36¾	35 Dec 21	37 Dec 5	33¼ Jun 18	45½ Feb 16
76,900	627,700	Amer Petrofina Inc cl A	1	5½	Sale	3⅞	Sale	4⅛	Sale	3¾ Dec 6	4¼ Dec 27	3¼ Oct 24	6½ Mar 8
14,000	14,000	Amer Realty & Pet Corp	10c	--	--	--	--	5	Sale	5 Dec 18	5½ Dec 12	5 Dec 18	5½ Dec 12
21,300	386,900	Amer Seal-Kap Corp com	2	15½	Sale	13⅞	Sale	12⅝	Sale	12½ Dec 27	14¼ Dec 4	9⅝ Oct 24	18½ Mar 9
6,700	60,100	American Thread 5% pfd	5	4⅜	Sale	4½	Sale	4¼	4½	4 Dec 20	4⅝ Dec 3	4 Oct 22	4¾ Nov 20
72,600	89,050	Amer Writing Paper com	5	32	32½	26¾	Sale	28⅝	Sale	25⅛ Dec 7	31¼ Dec 17	20¼ Nov 1	34½ Feb 16
3,600	35,600	Anchor Post Products Inc	2	16¼	Sale	12	Sale	11⅜	Sale	11 Dec 27	12¼ Dec 4	10 Oct 9	17¼ Feb 5
3,400	67,300	Andrea Radio Corp	1	17⅛	Sale	13¾	13⅞	12⅝	Sale	12½ Dec 31	14½ Dec 12	12 May 29	19¾ Feb 27
1,800	80,300	Anglo Amer Exploration	4.75	7⅝	Sale	5⅛	5⅝	—	—	5¼ Dec 17	5¾ Dec 18	5¼ Oct 30	10 Apr 23
38,400	436,500	Anglo-Lautaro Nitrate Corp "A" shares	2.40	3⅜	Sale	3½	Sale	3¼	Sale	3¼ Dec 3	3⅝ Dec 4	2⅜ May 28	4⅛ Mar 6
2,700	59,700	Angostura-Wupperman	1	11¼	Sale	10¾	Sale	11⅝	12	10⅛ Dec 13	12 Dec 27	9 May 29	12½ July 9
1,800	26,600	Ansul Chemical Co	1	--	--	26¾	28	25	Sale	25 Dec 21	28 Dec 5	22½ Jun 15	34 Mar 1
4,500	92,000	Anthony Pools Inc	1	5¾	Sale	3	3¼	2¾	Sale	2¾ Dec 20	3⅛ Dec 6	2⅝ Oct 24	6¾ Jan 12
24,600	209,200	Apollo Industries Inc	5	16¾	Sale	8⅝	Sale	7½	Sale	7⅛ Dec 26	10¼ Dec 7	7 Oct 25	18½ Feb 19
950	15,385	Appalachian Power— 4½% preferred	100	94½	Sale	97	Sale	97½	98½	97 Dec 3	99 Dec 12	92½ July 23	99 Dec 12
47,900	425,300	Argus Inc	50c	--	--	14⅝	Sale	11⅝	Sale	11¼ Dec 31	14¾ Dec 3	7½ May 29	27 Mar 1
101,300	1,392,700	Arkansas Louisiana Gas	2.50	40½	Sale	29⅜	Sale	28⅜	Sale	27⅝ Dec 18	30¼ Dec 5	24 Oct 24	43 Mar 29
50	1,470	Arkansas Power & Light— 4.72% preferred	100	99½	100	101	102	99	102½	101 Dec 11	101 Dec 11	96⅝ May 1	103 Jun 22
5,500	107,000	Armour & Co warrants		32¼	Sale	24⅝	Sale	26⅜	Sale	24⅜ Dec 11	27¼ Dec 27	17 Jun 22	39¾ Feb 2
34,500	299,400	Arnold Altex Aluminum Co	1	2⅜	Sale	⅞	Sale	1/16	Sale	1/16 Dec 28	⅞ Dec 3	1/16 Dec 28	3 Jan 4
7,200	39,800	Convertible preferred	4	3⅜	Sale	1½	1⅝	1⅛	Sale	1⅛ Dec 24	1½ Dec 5	1 Oct 26	3¾ Jan 11
4,800	56,900	Arrow Electronics Inc	1	5	Sale	2⅛	Sale	2	Sale	1⅞ Dec 14	2¼ Dec 5	1⅞ Nov 7	5⅝ Feb 20
176,900	1,077,200	Asamera Oil Corp Ltd	40c	⅛	Sale	⅞	Sale	⅛	Sale	⅛ Dec 4	1⅛ Dec 12	⅝ May 29	1 1/16 Mar 23
13,100	51,900	Associated Baby Services	*	--	--	3½	Sale	3⅜	Sale	3¼ Dec 27	3⅞ Dec 12	3¼ Dec 27	5 Sep 18
800	7,100	Associated Elec Industries— Amer dep rcts reg	£1	4 1/16	4 3/16	4⅞	Sale	4⅛	5	4⅞ Dec 3	4⅞ Dec 3	3¼ May 31	4⅞ Nov 19
17,300	93,700	Associated Food Stores	1	4¼	Sale	2⅞	Sale	2⅞	Sale	2¾ Dec 7	3 Dec 18	2¾ Oct 23	4¼ Jan 2
13,400	167,000	Assoc Laundries of Amer	1	2¼	Sale	1⅝	Sale	1⅝	Sale	1⅝ Dec 3	1⅞ Dec 18	1⅝ Oct 26	2⅞ Jan 26
98,100	1,665,300	Associated Oil & Gas Co	1c	6⅞	Sale	5¼	Sale	4½	Sale	4¼ Dec 26	5¼ Dec 3	3¼ May 29	7⅞ Jan 9
16,900	236,100	Assoc Testing Labator's	10c	28¼	Sale	8	Sale	7⅛	Sale	6¾ Dec 31	9½ Dec 5	6⅜ Oct 24	28¼ Jan 2
9,000	‡223,900	Astrex Inc	33⅓c	--	--	9¾	Sale	7⅛	Sale	7⅛ Dec 31	9¾ Dec 3	‡6⅛ Jun 25	14 Mar 29
11,700	273,900	Atco Chem-Indus Prod	10c	4⅞	Sale	3	Sale	2⅝	Sale	2½ Dec 31	3 Dec 3	2⅛ May 29	5⅞ Jan 4
2,500	31,200	Atico Financial Corp	1	---	---	8⅜	Sale	9	Sale	8⅜ Dec 3	9 Dec 31	8 Aug 6	9 Sep 12
6,700	45,500	Atlantic Coast Line Co	*	50½	51½	55¾	Sale	56¾	Sale	55½ Dec 17	57⅝ Dec 7	42 Oct 4	56¼ Feb 1
43,900	483,100	Atlantic Research Corp	1	32	Sale	13⅛	Sale	13¼	Sale	12 Dec 24	14⅜ Dec 12	11⅝ Nov 27	33⅞ Mar 22
6,400	286,300	Atlantica del Golfo Sugar	5p	1⅛	Sale	⅛	Sale	—	—	¾ Dec 6	⅛ Dec 3	¾ Dec 6	1¼ Jan 3
20,200	245,700	Atlas Consol Mining & Development Corp	10 pesos	6⅝	Sale	7	Sale	6⅞	Sale	6⅝ Dec 12	7½ Dec 6	5¼ May 28	9⅜ Feb 9
86,700	1,096,300	Atlas Corp warrants		1⅜	Sale	⅛	Sale	⅛	Sale	⅛ Dec 31	1 Dec 5	¾ Oct 6	1⅜ Jan 2
12,300	243,700	Atlas General Industries	1	18⅝	Sale	14	Sale	12⅞	Sale	12⅜ Dec 18	14¼ Dec 6	9⅝ Jun 27	18⅝ Jan 2
31,600	352,500	Atlas Sewing Centers Inc	1	2⅛	Sale	½	Sale	7/16	Sale	⅜ Dec 17	⅝ Dec 3	⅜ Jun 26	3⅝ Jan 22
31,600	335,800	Audio Devices Inc	10c	23	Sale	12¼	Sale	11⅞	Sale	10½ Dec 24	12¾ Dec 5	8 May 29	23¾ Jan 2
8,900	231,400	Aurora Plastics Corp	1	12⅛	Sale	14⅛	Sale	13½	Sale	13¼ Dec 31	14⅞ Dec 4	8⅝ May 29	15½ May 16
24,300	179,700	Automatic Radio Mfg Co	1	11⅛	Sale	6¾	Sale	4⅞	Sale	4⅝ Dec 27	6¾ Dec 3	4 Oct 23	12⅝ Jan 5
1,800	28,800	Automatic Steel Products	1	5½	Sale	4½	Sale	4¾	Sale	4¼ Dec 4	4⅞ Dec 7	3½ Jun 21	7 Feb 1
1,600	13,400	Non-vot non-cum pfd	1	6	6⅝	5⅝	6	5⅝	6	5⅝ Dec 4	5⅞ Dec 21	4¾ Sep 12	6½ Feb 1
17,800	172,200	Avien Inc	10c	12	Sale	5	Sale	4	Sale	3¾ Dec 27	5⅜ Dec 5	3½ Oct 24	13½ Jan 4
6,200	114,200	Avis Industrial Corp	5	21⅜	Sale	12¾	13¼	12	Sale	11½ Dec 28	12¾ Dec 4	10¼ Oct 24	26⅛ Mar 20
1,500	32,900	Ayshire Collieries Corp	3	57⅛	Sale	39	Sale	43	44	39 Dec 3	43 Dec 17	32 Oct 15	57½ Jan 16
71,100	1,263,000	Bailey & Selburn Oil & Gas Class A	1	9 1/16	Sale	9	Sale	8½	Sale	8½ Dec 11	9 Dec 3	5¼ Jun 27	10¾ Nov 23
2,400	‡18,600	Baker Industries	1	—	—	7⅝	8¼	8	8¼	7 Dec 7	8 Dec 7	‡7 Oct 26	10½ May 22
9,400	120,100	Baldwin-Montrose Chemical Common	50c	7¾	Sale	5½	Sale	5	Sale	4⅞ Dec 27	5⅝ Dec 4	3⅝ Jun 21	9 Jan 9
29,100	270,200	Conv preferred	*	12¾	Sale	11¼	Sale	10¾	Sale	10 Dec 20	11¼ Dec 3	8¼ Jun 25	14 Jan 2
16,900	178,500	Baldwin Securities	1c	5⅞	Sale	3¾	Sale	3⅝	Sale	3⅝ Dec 11	3⅞ Dec 4	3½ Jun 25	5⅞ Jan 2
40,900	397,600	Banff Oil Ltd	50c	1 1/16	Sale	1	Sale	⅛	Sale	⅛ Dec 26	1 Dec 3	¾ May 29	1½ Feb 13
14,300	330,000	Banner Industries Inc	10c	9⅜	Sale	4⅛	Sale	3¾	Sale	3¾ Dec 31	4⅝ Dec 5	3¾ Dec 31	9⅜ Jan 2

For footnotes, see page 96.

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
66,200	78[illegible],400	BarChris Construction	50c	11¼	Sale	⅞	Sale	⅜	Sale	⅜ Dec 31	1⅛ Dec 3	⅜ Dec 31	12⅜ Jan 3
14,200	230,000	Bargain Town USA Inc	10c	16½	Sale	7⅝	Sale	6¾	Sale	6½ Dec 31	8 Dec 6	5½ Oct 24	16½ Jan 2
11,100	183,400	Barnes Engineering Co	1	30⅜	Sale	22⅞	Sale	18⅞	Sale	18⅝ Dec 31	23¼ Dec 5	13¼ May 29	36⅜ Feb 28
10,700	121,400	Barry Wright Corp	1	18½	Sale	13½	Sale	11	Sale	10⅝ Dec 19	13½ Dec 3	10 May 29	19½ Jan 9
6,500	89,000	Barton's Candy Corp	1	16¾	Sale	11¼	Sale	9⅞	Sale	9¾ Dec 19	11⅜ Dec 3	9½ Oct 24	18⅞ Feb 5
40,400	422,000	Baruch-Foster Corp	50c	1⅝	Sale	1⅛	Sale	⅞	Sale	⅞ Dec 19	1⅛ Dec 5	⅞ Jun 27	2¼ Jan 9
146,600	592,700	Bayview Oil Corp	25c	1⅛	Sale	⅞	Sale	1⅛	Sale	⅞ Dec 3	1¼ Dec 17	⅞ Oct 15	1½ Jan 12
6,100	‡42,700	Bearings Inc	*	--	--	14¾	15	14⅝	Sale	13¾ Dec 13	15 Dec 5	‡12 Jun 14	15¾ Apr 19
11,700	139,300	Beck (A S) Shoe Corp com	1	19⅞	Sale	8⅝	Sale	8	Sale	7⅜ Dec 21	9⅜ Dec 6	6⅛ Oct 30	22 Jan 5
10,300	67,700	Bell Electronic Corp	*	--	--	3¼	Sale	3	Sale	3 Dec 14	3½ Dec 7	3 Oct 24	7¾ July 5
5,800	*92,100	Bell Telephone of Canada	25	55⅝	56	47⅜	Sale	49⅜	49⅝	47⅛ Dec 3	49¼ Dec 27	43⅜ Jun 25	55⅝ Jan 3
26,000	325,000	Belock Instrument Corp	50c	10⅜	Sale	5⅜	Sale	3¾	Sale	3¾ Dec 31	5⅜ Dec 3	3⅝ May 28	11¾ Jan 11
5,900	86,900	Benrus Watch Co Inc	1	10	Sale	8¼	Sale	8½	Sale	7½ Dec 20	8⅝ Dec 28	6¼ May 29	10½ Jan 8
15,300	267,600	Berkey Photo Inc	1	12¼	Sale	7⅛	Sale	6¾	Sale	6⅝ Dec 24	7¾ Dec 5	5½ Jun 27	14½ Feb 19
4,900	98,300	Berkshire Frocks Inc	1	13¼	Sale	8⅝	9	8	Sale	7¾ Dec 31	9 Dec 5	6 May 29	14⅜ Jan 22
5,700	26,200	Bethlehem Corp (The)	*	--	--	2½	Sale	2⅜	Sale	2⅛ Dec 26	2¾ Dec 31	2⅛ Dec 26	3⅜ Sep 11
850	21,050	Bickford's Inc	1	28	29	24½	25¼	25	26	24¾ Dec 6	26 Dec 24	20½ Jun 27	30¼ Feb 6
13,900	139,000	Birdsboro Corporation	4	5⅞	Sale	4¾	Sale	3⅞	Sale	3¾ Dec 24	5 Dec 4	3⅜ May 29	5⅞ Jan 2
34,100	277,400	Blauner's	3	3½	3¾	1⅝	Sale	1⅜	Sale	1 Dec 17	1⅝ Dec 3	1 Dec 17	3⅝ Jan 3
15,700	297,700	Bloomfield Bldg Ind cl A	10c	--	--	8	Sale	7⅝	Sale	7½ Dec 28	8⅛ Dec 5	5⅝ May 29	11 Mar 29
8,100	87,700	Blossman Hydratane Gas	1	--	--	6⅞	Sale	6⅞	Sale	6⅝ Dec 4	7⅞ Dec 18	4⅝ May 29	9 Apr 12
15,000	150,550	Bohack (H C) Co common	*	43	Sale	23	Sale	19¾	Sale	19½ Dec 28	23 Dec 3	16¼ Oct 24	43½ Jan 2
470	6,410	5½% prior cum pfd	100	99	99¼	84¾	Sale	81¾	Sale	80¼ Dec 28	84¾ Dec 3	75 Oct 24	102 May 11
34,500	685,400	Borne Chemical Co Inc	1.50	13½	Sale	6¾	Sale	6¼	Sale	6⅛ Dec 31	8½ Dec 10	4⅛ Jun 25	15⅜ Jan 3
2,700	29,000	Bourjois Inc	1	17¼	17¾	14¼	14⅞	13	Sale	12¾ Dec 26	14¾ Dec 6	11½ May 29	19½ Jan 9
46,000	494,700	Bowling Corp of Amer	10c	5⅜	Sale	1¾	Sale	1¼	Sale	1⅛ Dec 19	1¾ Dec 3	1⅛ Dec 19	6 Jan 2
4,100	76,000	Brad Foote Gear Works	20c	2¼	2½	1⅞	Sale	1⅞	Sale	1⅞ Dec 3	2 Dec 5	1¾ Jun 28	2¾ Feb 20
4,200	‡11,300	Brandywine Raceway	1	--	--	15¾	Sale	16⅝	Sale	15½ Dec 20	16⅞ Dec 27	15⅜ Oct 24	21 Sep 13
128,700	568,300	Brazilian Tr Lt & Pwr ord	*	3¼	Sale	2¾	Sale	2⅝	Sale	2⅜ Dec 28	2⅞ Dec 4	2¼ Oct 23	4⅝ Apr 19
33,500	755,600	Breeze Corp	1	6¼	Sale	8⅞	Sale	8¾	Sale	8⅜ Dec 28	10⅜ Dec 4	6⅛ Jan 2	14⅜ May 21
125	8,475	Bridgeport Gas Co	*	33	33¼	35	Sale	--	--	35 Dec 3	35½ Dec 4	31 Jun 5	36 Nov 30
3,450	38,630	Brillo Mfg Co	1	33½	33¾	21¾	Sale	21	Sale	20¼ Dec 28	22½ Dec 6	19¾ Oct 5	39¾ Feb 9
15,100	176,100	British American Oil Co	*	35½	Sale	27¾	Sale	27¾	Sale	27¾ Dec 3	29 Dec 6	25½ May 29	36 Jan 4
		British Amer Tob Ltd—											
400	19,600	Am dep rcts ord bear	10s	8⅛	8¼	8½	8 13/32	8 13/32	9	8⅞ Dec 20	8⅞ Dec 20	7½ May 31	9 Oct 3
300	45,300	Am dep rcts ord reg	10s	8⅛	8 1/16	8⅜	8⅝	8 11/32	9	8½ Dec 11	8¾ Dec 13	7⅜ July 9	8⅞ Feb 28
4,700	569,400	British Columbia Power	*	14¾	Sale	--	--	18⅜	Sale	16½ Dec 4	19⅛ Dec 20	14⅝ July 23	19⅛ Dec 20
		British Petroleum Co Ltd—											
163,500	1,353,500	American dep rcts reg	£1	4 11/32	Sale	5 11/32	Sale	6 5/16	Sale	5 11/32 Dec 3	6⅜ Dec 31	4 May 29	6⅜ Dec 31
10,100	158,300	Brooks Instrument Co	25c	8¾	Sale	3	3⅜	2¾	Sale	2¾ Dec 6	3⅛ Dec 4	2¾ Dec 6	10⅜ Jan 3
78,200	771,600	Brown Company	1	13⅜	Sale	10	Sale	10⅛	Sale	9½ Dec 10	10⅜ Dec 20	8¼ May 29	15½ Feb 19
		Brown Forman Distillers—											
1,400	30,400	Class A common	30c	25	Sale	23¼	Sale	22¾	Sale	22¼ Dec 31	23⅞ Dec 12	21⅛ Aug 17	29⅝ Mar 15
8,300	168,300	Class B common	30c	23¼	Sale	22⅛	Sale	22¼	Sale	21⅝ Dec 14	22½ Dec 3	17½ May 29	29¼ Mar 15
3,000	125,800	4% cum preferred	10	7⅜	Sale	7⅝	Sale	7¾	Sale	7½ Dec 5	7¾ Dec 13	7 May 31	8 Mar 20
75,000	806,739	Bruce (E L) Co Inc	1	--	--	11	Sale	9⅞	Sale	9⅜ Dec 31	11⅜ Dec 4	8¾ Nov 19	36¼ Apr 30
100	1,700	Bruck Mills Ltd class B	*	2¼	2¾	2⅞	3⅜	2⅞	3⅜	3⅛ Dec 12	3⅛ Dec 12	2¼ Jun 15	3⅛ Sep 12
16,000	318,500	BSF Company	66⅔c	15	Sale	5⅛	Sale	4	Sale	4 Dec 24	5⅜ Dec 3	3½ Oct 29	15¼ Feb 14
10,300	‡51,900	Budget Finance Plan com	50c	--	--	14⅜	Sale	13⅞	Sale	13 Dec 21	14⅞ Dec 5	‡10¼ Oct 24	14⅞ Dec 5
300	8,700	60c conv preferred	9	17	18	16	18	15¾	18¼	16¾ Dec 18	18 Dec 10	12⅜ May 29	19 Apr 16
2,100	36,800	6% serial preferred	10	9⅞	Sale	10¼	10½	10¼	10½	10 Dec 7	10¾ Dec 18	9¾ Jan 4	10¾ Dec 18
6,800	59,300	Buell Industries Inc	1	--	--	5¼	Sale	5¼	Sale	4¾ Dec 20	5½ Dec 4	4¾ Dec 20	11⅛ Mar 12
16,700	141,500	Bunker Hill (The) Co	2.50	10¾	11⅛	8½	Sale	8¾	Sale	8¼ Dec 21	8⅞ Dec 3	7¼ Jun 15	11 Jan 3
		Burma Mines Ltd—											
59,200	630,100	Amer dep rcts ord	3s 6d	3/16	Sale	⅛	Sale	⅛	Sale	⅛ Dec 3	3/16 Dec 6	⅛ May 3	¼ Jan 2
9,600	101,600	Burnell & Company Inc	25c	7⅛	Sale	4¼	Sale	4	Sale	3¾ Dec 24	5⅛ Dec 5	2¾ Oct 24	8¾ Mar 20
8,000	121,200	Burroughs (J P) & Son Inc	1	1⅝	Sale	2⅛	Sale	2⅛	Sale	2 Dec 3	2¼ Dec 19	1⅛ Oct 26	3⅛ Feb 19
13,700	132,600	Butler's Shoe Corp	1	18¼	Sale	10	Sale	8⅜	Sale	8 Dec 31	10⅛ Dec 3	7¼ Oct 24	18¼ Jan 2
72,300	636,300	B V D Co Inc	1	--	--	15⅜	Sale	17	Sale	15¼ Dec 3	17⅞ Dec 10	8⅜ Jun 25	17⅞ Dec 10
77,000	307,600	Cabol Enterprises Ltd	*	--	--	⅝	Sale	1/16	Sale	½ Dec 31	1⅛ Dec 3	½ Dec 31	4⅛ Jan 24
10,900	495,700	Calgary & Edmonton Ltd	*	21⅝	Sale	21½	Sale	20⅝	Sale	20⅜ Dec 4	21¾ Dec 10	17⅛ May 29	27⅝ Aug 22
18,500	337,700	California Electric Power	1	24¾	Sale	22¼	Sale	23½	Sale	22 Dec 3	23⅝ Dec 28	17 May 29	26⅜ Mar 23
300	5,200	$3.00 preferred	50	62	63¼	63½	Sale	63½	65	62½ Dec 7	63½ Dec 3	61 Mar 16	64½ May 16
100	3,650	$2.50 preferred	50	50½	51	52	54	52	53	51¾ Dec 6	52 Dec 12	49½ Jan 18	53 Nov 29
100	5,450	6% preferred	50	56½	58	57	58½	57½	58	57⅝ Dec 20	57⅝ Dec 20	56 Mar 22	59½ May 25
1,150	10,400	Camden Fire Insurance	5	38½	39	36¼	Sale	38⅛	38½	35¼ Dec 5	37½ Dec 24	33¾ July 9	40 Feb 28
		Cameo-Parkway Records Inc											
12,700	235,100	Class A	10c	--	--	11⅜	Sale	11¼	Sale	10⅝ Dec 19	11½ Dec 4	8⅝ Aug 14	13¾ Sep 11
		Campbell Chibougamau											
73,600	673,900	Mines Ltd	1	7⅛	Sale	3 3/16	Sale	3½	Sale	3 1/16 Dec 18	3⅝ Dec 3	2⅞ Oct 24	7¼ Jan 4
14,000	72,300	Campbell Machine Inc	1	--	--	5	5⅛	4⅝	Sale	4⅜ Dec 14	5⅛ Dec 5	4⅜ Dec 14	9⅛ Jan 16
----	500	Canada Bread Co Ltd com	*	5½	7½	5	7	5	8	-- ------	-- ------	5 May 29	5⅝ May 2
200	3,500	Canada Cement Co Ltd	*	26⅝	27¾	25	27	26	28½	25½ Dec 19	26 Dec 19	22 Jun 26	31 Feb 20
----	100	1.30 cum pfd	20	--	--	24	26½	24	26½	-- ------	-- ------	25¼ Oct 23	25¼ Oct 23
801,200	2,425,900	Canada Sou Petroleum vtc	1	3	Sale	3⅛	Sale	4⅛	Sale	3⅛ Dec 18	5¼ Dec 10	2⅜ May 29	5¼ Dec 10
350	1,825	Canadn Dredge & Dock Co	*	--	--	6	6¾	7½	Sale	6⅜ Dec 17	17½ Dec 31	5½ Nov 8	8 Sep 24
		Canadian Export Gas &											
96,000	469,300	Oil Ltd	16⅔c	--	--	1 1/16	Sale	1 1/16	Sale	1 Dec 19	1 1/16 Dec 3	¾ Jun 27	1⅝ Mar 19
43,900	424,600	Can Homestead Oils	10c	⅞	Sale	1⅛	Sale	1	Sale	1 Dec 17	1¼ Dec 4	⅝ Jun 25	1¼ Nov 26
89,800	793,600	Canadian Husky Oil Ltd	1	6⅜	Sale	6⅝	Sale	6 5/16	Sale	6 1/16 Dec 18	7½ Dec 5	4¼ May 29	7⅛ Jan 8
9,600	251,800	Canadian Indus Gas	2.50	8⅛	Sale	8½	Sale	8⅜	Sale	7¾ Dec 21	8½ Dec 3	6 May 29	10¾ Apr 27
107,800	1,317,700	Canadian Javelin Ltd	*	13⅝	Sale	9¼	Sale	8⅜	Sale	8 Dec 31	9⅞ Dec 4	5⅞ May 29	14⅛ Feb 13
25,400	373,100	Canadian Marconi Co	1	5	Sale	4⅛	Sale	3⅝	Sale	3⅝ Dec 18	4⅛ Dec 3	3⅜ Oct 24	6¼ Feb 19
2,700	36,900	Canadian Petrofina pfd	10	12⅛	12⅜	10⅛	Sale	9½	Sale	9¼ Dec 31	10⅛ Dec 3	9 Oct 23	13⅞ Mar 6
23,900	143,300	Canadianwide Props Ltd	1	7⅜	Sale	3¼	Sale	5½	Sale	3¼ Dec 3	5⅝ Dec 28	3¼ Oct 3	7⅜ Jan 2
19,000	202,300	Can Williston Minerals	6c	1/16	Sale	1/16	Sale	1/16	Sale	¼ Dec 17	⅜ Dec 6	¼ Jun 25	⅝ Jan 3
5,500	71,700	Canal-Randolph Corp	1	19¼	Sale	14¾	15¼	14⅞	Sale	14¼ Dec 10	15½ Dec 24	14¼ Dec 10	22¼ Apr 13
22,000	‡481,100	Canaveral Internat'l	50c	--	--	6¾	Sale	6⅜	Sale	5¾ Dec 21	7⅛ Dec 4	‡4¼ Oct 24	12½ July 23
13,900	218,400	Capital Cities Broadcast	1	20½	Sale	16⅞	Sale	17	Sale	16⅜ Dec 3	18 Dec 20	10¼ May 29	21⅜ Feb 6
700	‡3,500	Capital City Products new	1	--	--	17½	Sale	17½	Sale	17⅛ Dec 3	17½ Dec 4	‡16⅜ Nov 27	17½ Dec 4
4,500	35,100	Carey Baxter & Kennedy	1	3¾	4	4⅝	Sale	4¼	Sale	4¼ Dec 31	4⅞ Dec 13	3 Nov 1	4⅞ Dec 13
5,400	83,700	Carnation Co	5.50	114½	Sale	83	85	87½	Sale	84 Dec 12	94⅜ Dec 21	70 Oct 22	111 Mar 15
120	6,530	Carolina Pwr & Lt $5 pfd	*	103½	104½	107¼	108	108	Sale	106 Dec 18	108½ Dec 27	104 Jan 8	114½ Jan 2
		Carreras Ltd—											
9,000	205,746	Amer dep rcts B ord		1⅜	Sale	1⅜	Sale	¾	1⅜	¾ Dec 5	⅞ Dec 5	⅝ Apr 18	1 Jan 8
800	22,500	Carter (J W) Co common	1	6⅜	Sale	5⅜	Sale	5¼	5⅝	5⅛ Dec 13	5⅜ Dec 3	5 Oct 24	7⅜ Apr 26
13,800	51,900	Castle (A M) & Co	10	14¾	Sale	9⅞	Sale	10⅛	Sale	9⅝ Dec 14	10½ Dec 10	9½ Oct 24	15⅞ Feb 23
34,000	210,900	Catalin Corp of America	1	5½	Sale	3⅜	Sale	3⅛	Sale	3 Dec 17	3⅝ Dec 4	3 Oct 26	6¾ Feb 16
59,700	609,200	Central Hadley Corp	1	1¼	Sale	¾	Sale	⅝	Sale	⅝ Dec 27	1⅛ Dec 19	½ Jun 28	1½ Jan 22
		Cent Maine Power Co—											
480	7,360	3.50% preferred	100	71	72½	72¼	72¾	72¾	73¾	72 Dec 5	73 Dec 24	69½ Aug 8	75 May 15
250	2,426	Cent Pwr & Lt 4% pfd	100	82⅛	83	87	Sale	84½	87	86 Dec 20	90 Dec 5	83 Jan 3	90 Dec 5
6,500	100,300	Central Securities Corp	1	23	23¼	17⅛	Sale	16¾	Sale	16¼ Dec 13	17½ Dec 3	13 May 29	24⅜ Feb 21
1,220	13,130	Conv pref $1.40 series B	*	31	Sale	28	Sale	28	Sale	28 Dec 3	28½ Dec 10	24¼ Oct 25	33 Mar 5
275	9,350	Conv pref $1.50 series	*	39¼	41¼	33½	35¾	33½	Sale	33½ Dec 31	34 Dec 6	29⅝ Oct 25	42 Feb 20
2,200	23,400	Century Electric Co	10	8¼	Sale	7⅛	7⅜	7	Sale	7 Dec 5	7⅜ Dec 10	6⅛ May 29	9½ Feb 16
33,900	254,400	Century Geophysical Corp	1	13	Sale	4⅜	Sale	4⅛	Sale	4 Dec 27	6⅛ Dec 7	3⅛ May 29	15 Jan 9
400	13,200	Chamberlin Co of Amer	2.50	7	7¼	5	Sale	5	5¼	5 Dec 3	5½ Dec 21	5 Dec 3	7 Jan 8
31,200	337,000	Charter Oil Co Ltd	1	1 1/16	Sale	1 1/16	Sale	1 1/16	Sale	1⅛ Dec 5	1⅛ Dec 12	¾ Jun 25	1⅛ Feb 9
9,100	75,600	Cherry-Burrell Corp com	5	11½	11¾	10½	Sale	10¾	Sale	10⅜ Dec 20	11½ Dec 12	7¾ Sep 17	13⅞ Mar 5
600	24,900	Chicago Rivet & Machine	2	22¾	Sale	23	23¾	22¾	23½	22½ Dec 18	23 Dec 12	19¾ May 29	24¾ Sep 14
21,500	262,700	Chief Consol Mining Co	1	1¾	Sale	1¼	Sale	1⅛	Sale	1 Dec 5	1¼ Dec 3	⅞ May 28	1¾ Jan 2
29,700	381,600	Christiana Oil Corp	1	8½	Sale	6	Sale	5¼	Sale	5⅛ Dec 20	6¼ Dec 4	4⅜ May 29	9⅜ Apr 4
60,800	667,500	Chromalloy Corp	10c	17½	Sale	12⅞	Sale	12¼	Sale	11⅜ Dec 31	15⅜ Dec 10	9⅝ Oct 24	23¾ Mar 20
223,800	3,107,400	Cinerama Inc	1c	19⅝	Sale	14⅝	Sale	13¾	Sale	12⅝ Dec 14	15¾ Dec 5	8½ Oct 24	20⅜ Mar 28
16,100	212,200	Circuit Foil Corp	25c	26⅛	Sale	18¾	Sale	19½	Sale	18¼ Dec 18	21¼ Dec 10	11¾ Oct 24	34⅝ Feb 21
69,600	975,100	C K P Development Ltd	*	--	--	13	Sale	13½	Sale	12¼ Dec 3	15 Dec 18	12 Nov 26	19½ Apr 16
5,700	107,200	Clark Cable Corp	10c	8	Sale	6¼	Sale	5⅝	Sale	5¼ Dec 28	6½ Dec 6	5 Oct 24	8 Jan 2

For footnotes, see page 96

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
3,000	119,900	Clark Controller Co	1	16	Sale	16⅜	Sale	17	Sale	16⅜ Dec 3	17⅜ Dec 26	9¾ Aug 13	18⅛ Feb 23
26,500	239,900	Clarostat Mfg Co Inc	1	13¼	Sale	8	Sale	7½	Sale	6¼ Dec 21	8 Dec 3	6¼ May 29	15¾ Mar 22
40,000	270,500	Clary Corporation	1	9	Sale	5	Sale	4¾	Sale	4⅝ Dec 31	6¾ Dec 5	3⅞ Oct 24	10¼ Jan 4
600	10,100	Claussner Hosiery Co	10	12¼	Sale	10⅞	11¼	11½	12	11¼ Dec 4	12¼ Dec 6	9¾ Oct 16	14 Jan 9
2,100	38,200	Clayton & Lambert Mfg	4	—	—	13¼	13½	13⅛	13⅝	13⅛ Dec 28	14 Dec 12	10¾ Nov 7	20 Feb 8
9,600	148,300	Clopay Corporation	1	4⅛	Sale	3	3¼	2⅞	Sale	2⅞ Dec 20	3⅛ Dec 10	2⅞ Oct 23	5⅜ Feb 26
1,700	18,200	Club Aluminum Products	*	4½	Sale	2⅞	3	2¾	Sale	2⅝ Dec 18	2⅞ Dec 10	2⅝ Dec 18	4¾ Mar 26
161,300	1,007,500	Coastal Caribbean Oils & Minerals Ltd	1s	1	Sale	1/16	Sale	⅜	Sale	⅜ Dec 26	1/16 Dec 3	⅜ Dec 26	1 Jan 2
51,600	560,200	Cohu Electronics Inc	1	9⅛	Sale	4¼	Sale	3⅝	Sale	3⅝ Dec 19	4¼ Dec 3	3½ May 29	10¾ Feb 5
50,900	417,900	Colonial Corp of Amer	50c	31¾	Sale	19¼	Sale	21	Sale	18⅝ Dec 11	22¼ Dec 27	14¾ Oct 24	38⅞ Jan 15
4,900	153,600	Colonial Sand & Stone Co	1	20¼	Sale	14½	15	13⅞	Sale	13⅝ Dec 31	15 Dec 7	12⅞ Oct 24	20⅞ Jan 9
6,400	49,700	Commercial Metals Co	5	6⅜	6⅞	5⅛	Sale	4	Sale	4 Dec 31	5⅛ Dec 3	4 Dec 31	8¾ Jan 19
92,000	681,000	Com'ty Discnt Cen Inc	10c	3⅞	Sale	1	Sale	1⅛	Sale	1 Dec 3	1⅛ Dec 3	1 Oct 31	3⅞ Jan 2
10,300	79,400	Community Pub Service	10	43¾	Sale	38	38⅝	44	Sale	38⅜ Dec 4	44 Dec 31	28 Jun 27	44½ Jan 4
7,900	111,100	Compo Shoe Machinery— Vtc ext to 1965	1	12⅞	Sale	9½	Sale	10⅛	Sale	8⅞ Dec 10	10½ Dec 31	7¾ Sep 27	17¼ Mar 5
70,000	574,200	Compudyne Corp	25c	12⅛	Sale	3½	Sale	2⅞	Sale	2⅝ Dec 24	3½ Dec 3	2½ Oct 23	12⅞ Feb 1
4,800	85,500	Connelly Containers	50c	6	Sale	4⅝	Sale	4½	Sale	4½ Dec 20	4⅞ Dec 6	4¼ Jun 22	6 Jan 2
11,500	300,600	Consol Diesel Elec Corp	10c	6⅛	Sale	5½	Sale	5	Sale	4⅝ Dec 28	5⅝ Dec 3	3⅝ May 29	7⅜ Mar 27
9,000	98,800	Consol Mng & Smelt Ltd	*	23½	Sale	19⅞	Sale	21	21¼	19⅝ Dec 5	21 Dec 28	17⅛ Oct 24	24⅛ Jan 2
4,600	142,700	Consol New Pacific Ltd	1	⅞	Sale	½	Sale	—	—	½ Dec 3	½ Dec 3	⅜ Jun 27	1 Jan 11
31,600	437,700	Consolidated Oil & Gas	20c	5¾	Sale	4	Sale	3¾	Sale	3⅝ Dec 18	4¼ Dec 3	2¾ May 29	5⅞ Jan 3
1,100	100,000	Consolidated Royalty Oil	*	—	—	8⅝	9	8⅝	Sale	8½ Dec 17	8⅞ Dec 7	7¼ May 29	11⅞ Feb 9
83,100	1,698,400	Consolidated Sun Ray Inc	1	1¼	Sale	1	Sale	⅞	Sale	⅞ Dec 13	1⅛ Dec 3	11/16 Jun 25	1½ Jan 10
27,500	107,200	Construction Products A	1	4¼	Sale	1⅝	Sale	1⅞	Sale	1 Dec 20	2¼ Dec 27	1 Dec 20	4¼ Jan 2
6,200	75,300	Cont Aviation & Eng Corp	1	9½	Sale	7⅝	Sale	6¾	Sale	6½ Dec 27	7⅞ Dec 4	5¾ May 29	10⅝ Mar 21
4,600	33,800	Cont Commercial Corp	1	6	Sale	5¼	Sale	5¼	Sale	5⅛ Dec 3	5½ Dec 4	5 July 9	6¼ Feb 2
8,900	118,200	Cont Connector class A	50c	15⅛	Sale	8	Sale	7⅛	Sale	6⅝ Dec 19	8 Dec 3	5¼ May 29	16 Feb 7
62,500	628,400	Cont Materials Corp	10c	2⅛	Sale	⅞	Sale	⅝	Sale	1/16 Dec 28	⅞ Dec 3	1/16 Dec 28	2¼ Jan 2
76,300	802,400	Cont Vending Machine	10c	10⅞	Sale	5⅜	Sale	4½	Sale	4⅛ Dec 21	5½ Dec 4	3½ Oct 24	11⅞ Feb 21
2,100	‡16,700	Cook Pt & Varnish	15	24¾	25¾	19⅛	19½	17	Sale	17 Dec 31	19½ Dec 17	‡17 Dec 31	25¾ Jan 3
9,500	114,300	Cooper-Jarrett Inc	1	8½	Sale	5⅜	Sale	5¾	Sale	5⅛ Dec 31	5¾ Dec 12	4⅝ Jun 27	9½ Feb 16
500	1,600	Corby H Distillery Ltd— Class A voting	*	17⅜	18¼	14¾	15¾	14¾	16	15 Dec 17	15⅜ Dec 10	15 July 24	18 Feb 15
200	500	Class B nonvoting	*	17	18¼	—	—	14⅝	16	15 Dec 18	15 Dec 18	15 Dec 18	17 Jan 29
11,100	64,800	Coro Inc	5	15⅞	Sale	8½	Sale	7¾	Sale	7½ Dec 14	8½ Dec 3	7¼ Nov 8	16¾ Jan 8
2,500	33,900	Corroon & Reynolds com	1	21⅜	Sale	20½	Sale	20	20½	19¼ Dec 13	21¾ Dec 4	16½ Jun 27	22¼ Feb 9
300	5,800	$1 preferred A	*	20⅛	20¾	20½	Sale	20¼	20¾	20½ Dec 3	20¾ Dec 14	20 Feb 16	21 Jan 25
6,400	90,900	Cott Beverage Corp	1.50	8⅞	Sale	6	Sale	5¾	Sale	5⅜ Dec 17	6¼ Dec 12	4⅞ Oct 24	9⅜ Jan 5
9,400	200,700	Cott Bottling Co of New England Inc	1	9½	Sale	7	Sale	6½	Sale	6¼ Dec 11	7 Dec 3	5 May 29	11½ Feb 1
100	49,800	Courtaulds Ltd— Am dep rcts ord reg	£1	5½	5⅝	7⅝	Sale	7⅜	7⅝	7⅝ Dec 3	7⅝ Dec 3	4⅜ Jan 5	7⅛ Nov 27
2,000	36,300	Cox Instruments Corp	1	—	—	6⅝	7	6¼	Sale	6⅛ Dec 28	6⅝ Dec 27	6⅛ Dec 28	11¾ May 20
143,500	732,200	Crane Carrier Indust	50c	2⅛	Sale	2	Sale	2¼	Sale	1⅞ Dec 3	2½ Dec 21	¾ May 29	2½ Dec 21
35,900	597,800	Creole Petroleum Corp	5	39⅞	Sale	35	Sale	36⅜	Sale	34½ Dec 4	36⅞ Dec 31	30 May 29	43 Feb 20
4,100	43,800	Crestmont Consolidated	1	6¾	Sale	4½	Sale	3⅞	Sale	3¾ Dec 27	4½ Dec 3	3¾ Dec 27	10¼ Feb 6
3,600	69,500	Crose-United Corp	25c	4⅜	Sale	2½	Sale	2½	2⅞	2⅜ Dec 7	2⅞ Dec 27	2¼ Jun 27	5¼ Jan 3
600	20,100	Crowley Milner & Co	1	9	9¼	6½	7	7	Sale	7 Dec 7	7 Dec 7	5¾ May 28	8⅞ Jan 4
17,500	174,500	Crown Alum Industries	25c	—	—	3⅜	Sale	2¾	Sale	2½ Dec 18	3½ Dec 3	2½ Dec 18	7¼ Mar 6
5,000	62,500	Crown Cent Petrol (Md)	5	16	Sale	12½	Sale	13⅛	Sale	12 Dec 28	13⅞ Dec 7	10 May 28	17½ Jan 10
30,400	280,900	Crown Drug	25c	4¾	Sale	2½	Sale	2⅝	Sale	2¼ Dec 24	2⅞ Dec 4	2⅛ Nov 23	5⅞ Jan 24
2,100	88,000	Crystal Oil & Land Co	10c	7	Sale	7	7⅜	6¾	Sale	6¾ Dec 31	7 Dec 5	5 Aug 20	8 Feb 8
67,500	694,700	Cubic Corporation	*	19⅝	Sale	10⅝	Sale	10	Sale	9⅞ Dec 28	12½ Dec 5	7¾ Jun 25	21 Feb 13
500	5,900	Curtis Mfg Co class A	4	8⅝	9	8	Sale	8	Sale	8 Dec 8	8 Dec 24	8 May 28	9 Feb 12
27,400	381,100	Cutter Laboratories Inc— Class A common	1	10⅜	Sale	11⅝	Sale	11⅝	Sale	11⅜ Dec 17	12⅝ Dec 6	9 May 29	16 Mar 19
2,700	95,500	Class B common	1	10	10½	11¾	Sale	11¼	Sale	11¼ Dec 27	12½ Dec 7	9⅛ May 29	15⅛ Mar 16
40,300	311,000	Daitch Crystal Dairies	50c	8	Sale	4	Sale	4¼	Sale	3⅞ Dec 10	4⅝ Dec 20	3⅞ Dec 10	8⅜ Jan 3
15,900	91,500	Daryl Industries Inc	50c	4¾	Sale	4¼	Sale	3½	Sale	3⅜ Dec 31	4¾ Dec 3	3⅜ Sep 28	5¾ Apr 23
38,600	574,300	Davega Stores Corp com	2.50	5⅞	Sale	¾	⅞	1/16	Sale	⅜ Dec 26	13/16 Dec 4	⅜ Dec 26	7 Jan 4
6,400	69,880	5% preferred	20	11⅝	Sale	2¼	2½	1¼	Sale	1⅛ Dec 27	2¼ Dec 4	1⅛ Dec 27	12⅞ Jan 2
11,800	112,500	Davidson Brothers Inc	1	10¼	Sale	4⅞	Sale	4¼	Sale	4¼ Dec 31	4⅞ Dec 3	4¼ Oct 29	10⅜ Jan 2
10,800	152,500	Day Mines Inc	10c	5⅛	Sale	5¼	Sale	5⅛	Sale	5⅛ Dec 5	5½ Dec 4	5 Mar 13	6⅛ Jun 13
310	4,960	Dayco Corp class A pref	35	28⅝	29½	29⅝	Sale	29¾	Sale	29½ Dec 3	30¼ Dec 13	28⅛ Jan 5	31 Mar 13
5,100	63,800	D C Transit System cl A	20c	11⅞	Sale	11⅛	Sale	11⅛	Sale	11⅛ Dec 3	11½ Dec 5	10 May 28	12⅞ Jan 17
2,500	47,200	Defiance Industries class B	1	—	—	7⅛	Sale	5⅝	Sale	5½ Dec 31	7⅝ Dec 4	5½ Dec 31	13⅞ Feb 21
16,800	305,300	†Dejay Stores Inc com	50c	9	Sale	¾	Sale	—	—	3/16 Dec 11	1 Dec 3	3/16 Dec 11	12⅞ Mar 23
13,800	118,200	Dennison Mfg Co class A	5	28⅝	Sale	18½	Sale	18⅝	Sale	18 Dec 4	20½ Dec 5	15 Oct 24	29½ Jan 4
150	1,950	8% debenture stock	100	146	Sale	142	144	142½	143	140 Dec 13	144 Dec 4	139½ May 28	149½ Apr 30
13,200	218,650	Desilu Productions Inc	1	7⅞	Sale	8	Sale	7½	Sale	7½ Dec 31	8¼ Dec 4	6½ May 29	12 Feb 6
4,100	70,900	Detroit Gasket & Mfg Co	1	7½	Sale	8⅞	Sale	8½	Sale	8⅛ Dec 17	9 Dec 3	5⅞ Jun 18	9¼ Aug 13
26,200	552,100	Detroit Industrial Prod	1	10⅞	Sale	5¾	Sale	5⅜	Sale	5⅛ Dec 18	6⅛ Dec 4	3⅞ Jun 22	12¾ Jan 3
7,800	16,300	Devoe & Raynolds Co Inc	1	—	—	25	Sale	24¼	Sale	23¼ Dec 13	25½ Dec 5	23⅛ Nov 21	26 Nov 30
32,600	1,422,500	Devon-Palmer Oils Ltd	25c	1/16	Sale	1/8	Sale	1/8	Sale	⅝ Dec 26	⅞ Dec 4	⅜ May 29	1/8 Oct 29
37,600	81,300	Dialight Corp	1	—	—	9⅞	Sale	10¾	Sale	9⅛ Dec 20	11⅛ Dec 27	8 Sep 27	11⅛ Dec 27
12,800	89,800	Dielectric Products Engineering Co Inc	1	5½	Sale	3	3⅛	2⅝	Sale	2½ Dec 19	3 Dec 5	2½ Dec 19	6¾ Jan 11
29,000	168,700	Dilbert's Quality Supermar'ts Inc com	10c	4⅞	Sale	1⅛	Sale	1/16	Sale	1/16 Dec 31	1⅛ Dec 3	⅝ Nov 21	5¾ Jan 8
21,800	73,900	7% 1st preferred	10	5	Sale	1¼	Sale	1/16	Sale	⅞ Dec 19	1⅜ Dec 7	⅞ Dec 19	5⅜ Jan 4
500	18,400	Distillers Co Ltd— Am dep rcts ord reg	10s	5⅜	Sale	4 1/16	Sale	4⅝	Sale	4⅝ Dec 31	4 1/16 Dec 3	4 3/16 Sep 13	6 3/16 May 21
1,200	33,500	Diversey (The) Corp	1	11¼	12	9¾	Sale	10⅛	Sale	9⅞ Dec 26	10⅛ Dec 28	9 Oct 30	12⅜ Feb 21
26,300	197,300	Dixilyn Corp class A	4	2¼	Sale	2⅛	Sale	2¼	Sale	1⅞ Dec 17	2⅜ Dec 26	1¾ Jun 26	3¼ Mar 19
21,600	652,700	Dome Petroleum Ltd	2.50	14⅜	Sale	11¾	Sale	12	Sale	11 Dec 11	12 Dec 21	8¼ May 29	14⅝ Jan 4
1,200	5,900	Dominion Bridge Co	*	23¼	24¼	14½	16½	17⅛	Sale	16¼ Dec 12	17½ Dec 12	14⅜ Oct 23	25⅞ Jan 11
3,500	53,400	Dominion Steel & Coal ord	*	10¾	Sale	9¼	Sale	9¼	Sale	9⅛ Dec 10	9⅝ Dec 18	7¼ Jun 22	11¾ Mar 5
14,700	324,700	Dominion Tar & Chem Ltd	*	18	Sale	16⅝	Sale	16¼	Sale	15⅝ Dec 21	16⅝ Dec 3	14⅝ Jun 22	20¾ Mar 14
—	4,800	Dominion Textile Co Ltd	*	15⅛	15¾	15⅝	16	14¾	15¾	— —	— —	13¾ May 29	17¾ Mar 14
19,300	251,200	Dorr-Oliver Inc com	7.50	15⅞	Sale	12¼	Sale	12¼	Sale	11⅝ Dec 19	12⅜ Dec 3	10¼ Jun 14	18⅛ Apr 24
550	6,200	$2 preferred	32.50	39½	40½	34⅛	Sale	34½	35¼	34⅛ Dec 3	36½ Dec 14	34⅛ Nov 27	43 Mar 28
18,300	213,900	Dorsey (The) Corp	1	7¾	Sale	7⅛	Sale	7⅜	Sale	7⅛ Dec 3	8 Dec 4	6⅛ Oct 24	9⅞ May 4
32,300	384,000	Draper Corp common	*	42¾	Sale	35	Sale	38	Sale	33¼ Dec 19	38¼ Dec 26	27⅝ Jun 27	45 Feb 19
53,700	699,100	Drilling & Exploration Co	1	15⅜	Sale	16⅞	Sale	17⅝	Sale	16⅜ Dec 11	17¾ Dec 14	9½ May 29	18⅛ Nov 20
1,600	18,700	Driver Harris Co	5	18⅜	19¼	15	Sale	14⅜	Sale	14⅜ Dec 31	15¾ Dec 14	14⅜ Dec 31	20 Feb 12
18,000	120,300	Drug Fair-Community Drug	1	13⅝	Sale	6½	Sale	6	Sale	6 Dec 24	6⅞ Dec 6	6 Dec 24	13⅞ Jan 2
600	35,600	Dunlop Rubber Co Ltd— Amer dep rcts ord reg	10s	3 1/16	Sale	3 1/16	4	3⅞	4	3⅝ Dec 6	3 1/16 Dec 19	3½ Nov 2	5¼ Apr 26
8,500	72,800	Duraloy (The) Company	1	3¾	Sale	2⅜	Sale	2¾	Sale	2¼ Dec 7	2⅞ Dec 28	2 Jun 22	4¼ Aug 16
15,800	‡189,000	Duro Test Corp	15c	—	—	7⅞	Sale	7⅜	Sale	7 Dec 31	8 Dec 4	‡6⅛ May 28	10⅜ Apr 12
4,400	70,900	Duval Sulphur & Potash	*	29⅝	Sale	32⅝	Sale	32	Sale	32 Dec 31	33⅜ Dec 17	23¾ May 29	34 Mar 13
53,200	647,700	Dynalectron Corp	10c	4⅛	Sale	2⅜	Sale	2⅛	Sale	2 Dec 17	2½ Dec 5	1½ May 28	4¼ Jan 2
3,400	33,700	Eastern Air Devices	1	5⅞	6⅜	2⅝	Sale	2¼	2½	2¼ Dec 19	2⅝ Dec 3	2 Oct 19	7½ Feb 2
5,000	133,400	Eastern Can Co class A	1	10⅛	Sale	7¼	Sale	7½	Sale	6¾ Dec 20	8 Dec 5	6 Oct 24	13½ Jan 17
1,412	‡2,212	Eastern Co new common	25	—	—	42⅜	Sale	42½	Sale	‡38 Dec 10	42½ Dec 17	‡38 Dec 10	43½ Nov 29
6,000	245,500	Eastern Freight Ways	20c	6	Sale	4½	Sale	4¼	Sale	4¼ Dec 31	5 Dec 14	4⅛ Jun 25	8 Feb 13
14,000	101,800	Eastern States Corp com	1	27⅝	Sale	18¾	19¼	19	Sale	18¼ Dec 10	19⅜ Dec 13	14¼ Nov 1	30⅜ Mar 14
40	1,150	$7 preferred series A	*	171¼	180	177	185	178¼	190	177 Dec 17	180 Dec 17	162 Jun 25	180 Feb 2
40	1,300	$6 preferred series B	*	157½	169⅞	160	170	163½	167¾	165 Dec 14	165 Dec 14	140 May 29	165 Feb 2
11,900	88,000	Echlin Mfg Co	1	—	—	14¾	Sale	13⅝	Sale	13⅛ Dec 31	15¼ Dec 13	11 Oct 25	19 July 9
28,100	322,188	Edo Corporation	1	20⅝	Sale	11⅞	Sale	10⅜	Sale	10 Dec 24	12¼ Dec 5	8⅛ May 29	22½ Jan 4
47,400	603,000	Elder-Peel Ltd	1	1 1/16	Sale	1	Sale	⅞	Sale	13/16 Dec 21	1 Dec 3	13/16 Oct 30	1¾ Jan 15
12,400	35,200	Electro-Voice Inc	2	—	—	6¼	6½	5	Sale	5 Dec 31	6⅜ Dec 4	5 Nov 13	8⅜ July 13
5,000	34,500	Electrographic Corp com	1	19⅜	19¾	14¾	Sale	15	Sale	14¼ Dec 27	16¼ Dec 6	14 Oct 22	20⅜ Jan 5
42,500	512,000	Electronic Assistance	10c	11¾	Sale	5¼	Sale	4	Sale	3⅞ Dec 28	5¼ Dec 3	3⅞ Oct 18	13⅜ Jan 22
25,100	291,500	Electronic Communications	1	19⅛	Sale	14¼	Sale	12⅜	Sale	12 Dec 31	14¾ Dec 5	9⅞ Oct 23	24¼ Feb 12
9,300	96,300	Electronic Research Assoc— Class A	10c	9⅛	9¼	5⅛	Sale	4¾	Sale	4½ Dec 27	5¼ Dec 6	4¼ Jun 26	9¾ Jan 4
87,400	979,700	Electronic Specialty Co	50c	27⅞	Sale	21½	Sale	24	Sale	21⅛ Dec 3	24⅝ Dec 27	15⅛ Jun 22	32⅜ Feb 7

For footnotes, see page 96.

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
		Electronic & Missile—											
8,400	219,800	Facilities	25c	7½	Sale	6	Sale	4½	Sale	4½ Dec 31	6 Dec 3	4¼ Oct 25	10⅛ Jan 23
10,400	157,400	Electronics Corp of Amer	1	8	Sale	5¼	Sale	5	Sale	5 Dec 31	5⅝ Dec 26	4¼ Jun 25	8¼ Jan 2
20,400	169,900	El-Tronics Inc	*	5	Sale	2⅛	Sale	1¾	Sale	1¾ Dec 18	2⅛ Dec 3	1¾ Dec 18	5 Jan 2
7,600	99,400	Emenee Corporation	1	8⅝	Sale	6⅛	6½	4⅝	Sale	4⅝ Dec 31	6⅜ Dec 4	4 Jun 25	9¼ Jan 4
		Emertron Inc. Name changed to ERT Corp.											
80	2,110	Empire Dist Elec 5% pfd	100	100½	101½	101	Sale	102	105	100 Dec 11	102 Dec 21	98 Jun 5	105 May 3
82,000	955,800	Equity Corp common	10c	4⅞	Sale	3⅜	Sale	3⅛	Sale	3⅛ Dec 10	3⅜ Dec 3	2¾ Oct 24	5 Jan 3
1,750	20,510	$2 conv preferred	1	55¾	Sale	45½	Sale	44	44¾	43¼ Dec 14	46½ Dec 5	41 Oct 30	55¾ Jan 2
41,200	280,100	Erie Forge & Steel Corp	1	3½	Sale	2⅛	Sale	2	Sale	1¾ Dec 27	2¼ Dec 3	1¾ Oct 24	3⅞ Jan 30
3,400	24,000	6% conv 1st preferred	10	6¾	7⅛	5½	Sale	5¼	Sale	5⅛ Dec 27	5½ Dec 3	5 May 31	7¼ Feb 1
7,500	55,500	Ero Manufacturing Co	1	7¼	Sale	4⅝	Sale	4¼	Sale	4 Dec 19	4⅝ Dec 3	4 Oct 2[illegible]	7½ Jan 2
20,400	168,800	ERT Corp	1	—	—	4¼	Sale	4⅝	Sale	4¼ Dec 3	4¾ Dec 19	2½ Ma[illegible]	6⅜ Jan 4
4,900	77,700	Espey Mfg & Electronics	1	13⅞	Sale	8¼	Sale	7¼	Sale	6¾ Dec 24	8½ Dec 4	6¾ Jun 1[illegible]	17½ Jan 23
4,700	60,700	Esquire Inc	1	15	Sale	8	Sale	6¾	Sale	6¾ Dec 19	8 Dec 3	6 Oct 2[illegible]	15¼ Jan 4
6,600	78,200	Esquire Rad & Electron	10c	5	Sale	2⅝	2⅞	2⅛	Sale	2⅛ Dec 28	2⅝ Dec 5	1¾ Oct 2[illegible]	5¼ Feb 14
31,300	159,900	Essex Chemical Corp	*	—	—	4¼	Sale	3¾	Sale	3½ Dec 19	4⅜ Dec 5	3¼ Oct [illegible]	5⅛ Jun 29
232,100	771,400	Eureka Corp Ltd	$1 or 25c	3/32	Sale	⅛	Sale	5/32	Sale	⅛ Dec 3	5/32 Dec 3	⅛ Jun 1	3/32 Jan 4
7,000	76,300	Evans Rule Co	1	—	—	6⅞	Sale	6⅛	Sale	6 Dec 10	7 Dec 3	6 Dec 10	13⅝ Mar 12
73,200	661,900	Exquisite Form Indus	10c	11⅜	Sale	4¼	Sale	3⅞	Sale	2¾ Dec 26	4¼ Dec 3	2⅜ Oct 24	11½ Jan 2
15,600	269,400	Fabrex Corp	1	7⅝	Sale	7	Sale	7⅛	Sale	6⅝ Dec 12	7¼ Dec 19	5⅜ Jun [illegible]	8⅝ Feb 8
5,500	116,300	Fairmont Chemical Co	1	—	—	3⅜	Sale	3¾	Sale	3¼ Dec 3	3¾ Dec 31	3⅛ Oct 2[illegible]	7½ Jan 22
23,000	155,500	Falcon Seaboard Drilling	1½	7¼	Sale	5	Sale	4⅜	Sale	4¼ Dec 27	5⅛ Dec 5	4¼ May 29	9¾ Jan 12
26,800	90,500	Famous Artists Schools	2c	—	—	11⅛	Sale	11½	Sale	11⅛ Dec 3	12⅛ Dec 5	9⅛ Nov 7	[illegible]⅛ Dec 5
6,700	147,400	Fanny Farmer Candy Shops	1	27⅞	Sale	26⅛	26⅞	26¼	Sale	24¾ Dec 24	26⅞ Dec 4	23 Jun 15	31¾ Apr 25
35,900	529,100	Faraday Uran Mines Ltd	1	1⅛	Sale	1 1/16	Sale	1 1/16	Sale	1½ Dec 3	1⅝ Dec 17	1⅜ May 29	1¾ Jan 3
155,200	1,152,200	Fargo Oils Ltd	1	3⅛	Sale	2 1/16	Sale	2½	Sale	2⅜ Dec 31	2 13/16 Dec 6	2¼ May 29	4 Jan 18
5,500	131,600	Federated Purchaser A	10c	12¾	Sale	8¼	Sale	7¼	Sale	7 Dec 27	8½ Dec 4	5¾ Oct 24	14⅝ Jan 22
32,000	676,100	Felmont Petroleum Corp	1	5⅝	Sale	5⅛	Sale	5¼	Sale	4¾ Dec 10	5⅜ Dec 3	4½ Jun 22	8 Mar 8
8,900	42,700	Fields Plastics & Chem	1	—	—	8½	Sale	7½	Sale	7⅜ Dec 27	8¾ Dec 4	6⅝ Oct 23	9¼ Aug 15
14,600	214,900	Filmways Inc	25c	6	Sale	5¼	Sale	5	Sale	4¾ Dec 26	5½ Dec 5	4½ May 29	9⅜ Apr 6
22,500	401,700	Financial General Corp	10c	19⅞	Sale	14½	Sale	14½	Sale	14 Dec 3	15⅞ Dec 10	12¼ Oct 24	21½ Mar 9
		First National Realty &											
7,700	135,200	Construction Corp	10c	4⅜	Sale	3⅛	3⅜	3	Sale	2⅞ Dec 27	3¼ Dec 4	2⅞ Oct 24	6⅞ Feb 16
2,000	35,300	60c conv preferred	8	13½	Sale	10½	11	9⅞	Sale	9⅞ Dec 31	10½ Dec 4	9¾ Oct 1	21 Feb 16
20,400	359,600	Warrants		1¾	1⅞	1¼	Sale	1	Sale	1 Dec 12	1¼ Dec 3	1 Oct 22	3⅞ Feb 15
52,500	755,200	Firth Sterling Inc	2.50	7	Sale	6	Sale	5⅜	Sale	5 Dec 20	6¼ Dec 4	4⅛ Jun 25	9¼ Feb 20
21,100	230,200	Fisher & Porter Co	1	29	Sale	16⅝	Sale	14½	Sale	14 Dec 21	17⅜ Dec 5	12 Oct 24	30⅝ Jan 4
6,400	41,400	Fishman (M H) Co Inc	1	15½	Sale	10	Sale	12¼	Sale	10 Dec 3	13⅜ Dec 20	9 Oct 25	16½ Jan 19
46,000	605,500	Flying Tiger Lines Inc	1	13¾	Sale	16⅛	Sale	15	Sale	14⅜ Dec 31	16⅜ Dec 4	8¼ May 29	16⅞ Nov 28
1,720	11,780	Ford Motor of Canada	*	155	156½	151	Sale	159⅞	Sale	151 Dec 3	163 Dec 7	116 July 2	163 Dec 7
16,600	123,700	Forest City Enterprises	1	11⅝	Sale	6½	Sale	5⅛	Sale	5 Dec 31	6½ Dec 3	5 Oct 24	11¾ Jan 3
32,300	270,500	Fotochrome Inc	1	9⅝	Sale	2⅜	Sale	2⅜	Sale	2⅛ Dec 20	2⅞ Dec 4	2 Nov 19	9⅝ Jan 2
6,700	147,300	Fresnillo (The) Company	1	6⅛	Sale	5	Sale	4⅞	Sale	4⅞ Dec 11	5⅛ Dec 4	4⅝ Nov 26	6¼ Jan 3
8,800	98,900	Friendly Frost Inc	10c	11	Sale	3¾	Sale	3	Sale	3 Dec 28	4 Dec 3	3 Dec 28	13 Jan 26
4,000	50,600	Fuller (Geo A) Co	5	36¾	37¾	32	Sale	31½	Sale	30¾ Dec 20	33⅜ Dec 6	27 Jun 15	40½ Feb 15
3,000	69,200	Garan Inc	1	17¾	18½	11	Sale	10¾	11¼	10¾ Dec 4	11⅞ Dec 10	8 Jun 21	18⅜ Jan 12
6,900	50,400	Gatineau Power Co com	*	34½	Sale	25⅝	26⅜	31¼	Sale	24¼ Dec 18	31¼ Dec 31	25 Oct 26	35⅝ Jan 10
10	50	5% preferred	100	97	101	84	90	88	94	88 Dec 19	88 Dec 19	88 Dec 19	98 Mar 16
6,000	291,700	Gellman Mfg Co	1	2⅜	Sale	4⅞	Sale	4⅛	Sale	4 Dec 27	5 Dec 3	1¾ Apr 5	6⅜ May 9
6,100	116,300	Genl Acceptance warrants		11	Sale	7	Sale	6¾	Sale	6¼ Dec 12	7 Dec 3	5⅜ Jun 26	12 Jan 2
5,200	77,700	General Alloys Co	1	2⅜	Sale	2⅛	Sale	1⅞	Sale	1½ Dec 21	2⅛ Dec 3	1¼ May 29	2⅞ Jan 3
63,900	317,800	Gen Battery & Ceramic	1	—	—	8¾	Sale	8½	Sale	7⅜ Dec 20	8⅞ Dec 27	7⅛ Nov 8	11⅝ July 12
24,100	335,800	General Builders Corp	1	7¼	Sale	3¼	Sale	2⅞	Sale	2⅝ Dec 27	3½ Dec 3	2⅝ Dec 27	7¾ Feb 8
150,700	2,240,600	General Development Corp	1	13¼	Sale	6¾	Sale	5⅝	Sale	5½ Dec 26	6⅞ Dec 3	4⅝ Oct 22	15⅛ Mar 13
		Genl Elec Co of Gt Britain											
900	7,800	Amer dep rcts ord reg	£1	4⅛	4¼	5	5 1/16	5½	Sale	5⅜ Dec 17	5½ Dec 31	3 11/16 Mar 27	5½ Dec 31
6,700	103,000	General Fireproofing	5	39¼	Sale	28	Sale	29⅛	Sale	27¾ Dec 6	29½ Dec 26	26½ Nov 1	40¼ Jan 3
17,800	84,300	General Foam Corp	1	—	—	10¼	Sale	8⅜	Sale	8 Dec 31	10¼ Dec 3	7¾ Oct 24	13⅞ July 17
24,800	638,300	General Gas Corp	2.50	11½	Sale	11¾	Sale	12¾	Sale	11½ Dec 3	13¼ Dec 17	10⅛ May 29	13⅞ Mar 15
237,700	1,695,300	General Plywood Co	50c	15⅛	Sale	20⅞	Sale	18⅞	Sale	16⅛ Dec 10	21 Dec 6	7 Jun 27	25¼ Nov 28
48,700	305,400	General Stores Corp	1	1¾	Sale	1	Sale	1/16	Sale	1/16 Dec 3	1⅛ Dec 10	⅞ Oct 8	1¾ Jan 2
4,400	123,600	Genung's Incorporated	1	12	Sale	12⅜	Sale	12¼	Sale	12⅛ Dec 19	12¾ Dec 7	10½ May 26	15⅜ Sep 18
50	310	Georgia Power $5 pfd	*	103½	Sale	102	—	102	105	97¾ Dec 18	97¾ Dec 18	97¾ Dec 18	105 Nov 7
500	6,230	$4.60 preferred	*	—	—	96⅞	99¼	98½	99¾	97½ Dec 7	98½ Dec 26	94¼ Jun 11	100 Nov 15
61,700	526,100	Giannini Controls	50c	27⅜	Sale	17	Sale	14⅝	Sale	14⅜ Dec 18	17¾ Dec 5	12⅝ Oct 22	29⅝ Feb 13
4,100	61,300	Giant Food Inc class A	1	34	Sale	13	Sale	12½	Sale	12½ Dec 28	13⅝ Dec 5	12⅛ Oct 23	35 Jan 3
60,000	1,323,500	Giant Yellowknife Mines	1	10½	Sale	10⅝	Sale	10¼	Sale	9 1/16 Dec 5	10⅝ Dec 3	8 1/16 Jan 30	13⅜ Jun 12
7,900	61,500	Gilbert (A C) Co	*	16⅞	Sale	15½	Sale	15⅜	Sale	13¾ Dec 12	16⅛ Dec 27	10¼ Jun 26	18⅞ Jan 2
15,800	55,200	Gilchrist Co	*	15¼	Sale	15¾	16	21	Sale	15⅛ Dec 10	22¾ Dec 27	10⅜ Jun 27	22¾ Dec 27
59,600	740,100	Glass-Tite Industries	4c	14⅜	Sale	5	Sale	4⅛	Sale	3¾ Dec 20	5⅜ Dec 5	3⅝ Oct 22	15½ Feb 13
4,700	191,200	Glenmore Distilleries cl B	1	22	Sale	17⅞	18	16⅜	Sale	15⅞ Dec 27	17⅞ Dec 4	12⅜ Jun 14	23⅞ Feb 12
6,100	19,500	Globe Security Systems	*	—	—	14	Sale	13¼	14	13¼ Dec 27	14½ Dec 4	11½ Oct 23	15⅛ Sep 24
7,800	101,900	Gloray Knitting Mills Inc	1	—	—	10¾	Sale	10⅜	Sale	10⅜ Dec 31	11¾ Dec 12	8 Oct 8	17⅝ Feb 16
6,400	6,400	Gluckin (Wm) Co Ltd	£1	—	—	—	—	10	Sale	10 Dec 27	10⅝ Dec 17	10 Dec 27	10⅝ Dec 17
3,100	141,600	Gobel (Adolf) Inc	1	2⅜	Sale	3¼	Sale	3	Sale	3 Dec 17	3¼ Dec 3	1¾ Apr 6	3¾ Nov 12
62,400	1,365,300	Goldfield Cons Mines	1	2⅜	Sale	1⅜	Sale	1⅛	Sale	1⅛ Dec 28	1½ Dec 5	1⅛ May 29	2¾ Jan 11
2,300	35,665	Goodman Mfg Co	16⅔	24¼	Sale	25½	26¼	27	Sale	25¾ Dec 5	28 Dec 10	18⅜ Jun 26	28⅝ Apr 11
19,800	212,100	Goodway Printing Co Inc	*	—	—	6⅞	Sale	5½	Sale	5 Dec 26	6⅞ Dec 3	3⅞ Oct 24	21½ Mar 14
2,500	46,700	Gordon Jewelry class A	1	15¼	15½	9⅜	Sale	9¼	Sale	9⅛ Dec 12	9⅝ Dec 6	8⅜ May 29	15⅜ Jan 4
17,100	131,400	Gorham Corporation	4	27⅝	Sale	21¼	Sale	20¾	Sale	19¼ Dec 14	21½ Dec 5	18 Oct 31	30 Apr 3
3,900	55,400	Grand Rapids Varnish	1	8⅜	Sale	10	Sale	9¾	10¼	9⅞ Dec 7	10⅜ Dec 14	8 May 29	10½ Mar 20
12,625	117,225	Gray Manufacturing Co	5	8¼	Sale	3¾	Sale	3½	Sale	3¼ Dec 21	4 Dec 3	3 Oct 23	8¼ Jan 2
90,100	2,865,100	Great Amer Industries	10c	2½	Sale	1⅜	Sale	1⅛	Sale	1⅛ Dec 12	1⅜ Dec 3	1 Oct 23	2⅞ Apr 16
240,200	5,873,800	Great Basins Petrol Co	20c	7	Sale	3⅝	Sale	3⅜	Sale	3¼ Dec 28	4⅜ Dec 6	2⅜ May 29	8⅛ Jan 12
5,200	47,600	Great Lakes Bowling Corp	1	8¼	Sale	5½	5⅝	5	Sale	5 Dec 26	5⅞ Dec 5	5 Dec 26	10 Feb 14
62,100	906,000	Great Lakes Chemical	1	5	Sale	2⅛	Sale	2	Sale	2 Dec 24	2⅜ Dec 4	1¾ Oct 26	5 Jan 2
13,900	204,100	Great Western Producers	60c	10¼	Sale	6	Sale	6⅛	Sale	5¾ Dec 27	6⅝ Dec 11	5⅝ July 9	12 Mar 21
150	4,400	6% pfd series A	30	25	Sale	23½	24½	23½	25	24½ Dec 4	24½ Dec 4	22 Oct 25	26¾ Feb 21
15,900	180,600	Greer Hydraulics Inc	50c	4⅝	Sale	3	Sale	2½	Sale	2½ Dec 21	3 Dec 3	2½ Dec 21	5⅞ Feb 20
53,700	170,800	Gridoil Freehold Leases	9c	1¾	Sale	¾	Sale	½	Sale	½ Dec 31	⅞ Dec 24	½ Dec 31	1⅞ Jan 2
2,100	13,500	Griesedieck Company	1	15	16	12½	Sale	12⅜	12⅞	12⅛ Dec 13	12⅝ Dec 7	12 May 29	16 Jan 17
----	2,800	Grocery Store Products	5	39½	41	33½	35½	34¼	36	— —	— —	34 Oct 23	41 Mar 7
28,400	297,500	Grow (The) Corp	10c	—	—	2¾	Sale	2⅜	Sale	2⅛ Dec 27	3 Dec 3	1⅝ Oct 24	5¾ Jan 25
12,400	114,800	Guerdon Industries com	*	5⅞	Sale	3⅝	Sale	3¼	Sale	2⅞ Dec 19	3⅝ Dec 3	2½ Jun 4	6¾ Jan 4
115,500	642,900	Warrants		1/16	Sale	3/64	Sale	1/64	Sale	1/128 Dec 31	3/64 Dec 3	1/128 Dec 31	1 Jan 3
154,900	‡4,675,300	Gulf American Land Corp	1	—	—	6⅛	Sale	5⅞	Sale	5⅛ Dec 19	6¼ Dec 3	‡3⅝ Oct 23	15¾ Apr 6
8,300	53,000	Gulf Sts Land & Indus	50c	21½	Sale	15½	Sale	14¾	Sale	14½ Dec 27	18 Dec 10	12 Jun 26	23 Jan 15
14,900	310,600	Gulf & Western Indus	1	34	Sale	27¼	Sale	26¾	Sale	26¾ Dec 24	28 Dec 7	20 Jun 14	44⅜ Mar 22
17,900	276,200	Gulton Industries Inc	1	45¼	Sale	33¾	Sale	33⅜	Sale	31⅝ Dec 18	35½ Dec 26	20 Jun 27	46¾ Jan 4
41,500	707,700	H & B Corporation	10c	4	Sale	2⅝	Sale	2½	Sale	2¼ Dec 19	2¾ Dec 5	2¼ Dec 19	4⅝ Feb 26
7,000	71,800	Hall (C M) Lamp Co	2	5	Sale	4½	Sale	4	Sale	3¾ Dec 31	4⅞ Dec 5	3¾ May 11	6¼ July 24
18,000	565,600	Hardeman (Paul) Inc	25c	18¾	Sale	16⅞	Sale	15¾	Sale	15⅝ Dec 27	17⅜ Dec 6	11⅝ May 29	20⅝ Feb 13
19,400	209,300	Harn (The) Corp	1	12	Sale	7⅛	Sale	7	Sale	6½ Dec 19	7¼ Dec 4	5½ May 29	12⅜ Mar 15
6,000	53,100	Harnischfeger Corp	10	20¾	Sale	18⅜	Sale	16¾	Sale	16¼ Dec 26	18⅜ Dec 3	16 Jun 25	24⅜ Feb 27
9,100	108,800	Hartfield Stores Inc	1	14¾	Sale	7	Sale	6¼	Sale	6⅛ Dec 20	7 Dec 3	5¾ Oct 24	14¾ Jan 2
1,800	45,400	Hartford Electric Light	25	75	Sale	78½	Sale	—	—	78 Dec 4	80¾ Dec 20	63¾ May 29	80¾ Dec 20
2,200	2,200	New common	25	—	—	—	—	40¾	Sale	39⅞ Dec 21	41 Dec 24	39⅞ Dec 21	41 Dec 24
14,600	110,000	Harvey Radio Co Inc	1	—	—	3¼	Sale	3½	Sale	3⅛ Dec 3	4¼ Dec 17	2¾ May 29	5¼ Mar 20
5,700	97,200	Harvey's Stores class A	1	10⅝	Sale	4½	Sale	4⅜	Sale	4⅛ Dec 20	4¾ Dec 4	4 Oct 25	11¼ Jan 5
5,600	276,500	Hastings Mfg Co	2	8⅞	Sale	7¼	7⅜	7½	7⅝	7¼ Dec 5	8 Dec 6	6⅛ May 29	9⅞ Mar 8
500	37,700	Havana Lithograph'g Co	10c	1/8	Sale	1/16	Sale	—	—	3/8 Dec 6	1/16 Dec 3	¼ May 21	1/8 Jan 2
139,000	1,388,000	Haven Industries Inc	1	—	—	3/8	Sale	3/8	Sale	1/16 Dec 10	1/16 Dec 4	1/16 Nov 12	1½ Jan 2
92,100	‡650,700	Hazel Bishop	10c	—	—	6⅛	Sale	5	Sale	4⅞ Dec 26	6⅛ Dec 3	‡4¾ Oct 24	13⅜ Mar 8
12,600	242,200	Hebrew National Kosher Foods	50c	9⅝	Sale	5⅞	Sale	5⅛	Sale	5 Dec 19	6 Dec 4	3⅞ Nov 5	12½ Feb 16
14,200	305,100	Hecla Mining Co	25c	14¼	Sale	14⅛	Sale	13⅜	Sale	13¼ Dec 20	14⅜ Dec 6	10¼ Jun 4	15⅝ Sep 26
20,200	175,300	Heinicke Instrument	16⅔c	—	—	10¾	Sale	9¼	Sale	9¼ Dec 31	10⅞ Dec 6	8¼ Nov 19	12¾ July 10
6,800	73,700	Helena Rubinstein Inc	*	47	Sale	31⅛	Sale	27¾	Sale	27⅜ Dec 31	31⅜ Dec 4	22 Jun 25	47⅜ Jan 23
57,400	354,700	Heli-Coil Corp	*	35¼	Sale	27	Sale	26¼	Sale	25⅛ Dec 13	28⅜ Dec 5	18 May 28	40 Feb 19

For footnotes, see page 96.

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
		Heller (W E.) & Co—											
10	2,140	5½% preferred	100	103¾	104¾	103	105	103	105	103 Dec 26	103 Dec 26	97 July 2	106 Feb 21
40	670	4% preferred	100	79	Sale	76	78	75	80	78 Dec 4	78 Dec 4	71 Jun 27	80 Mar 1
39,500	427,900	Helmerich & Payne Inc	10c	15¼	Sale	10⅞	Sale	10	Sale	9¼ Dec 20	10⅞ Dec 3	7¼ May 29	15⅜ Jan 2
		Henderson's Portion Pak,											
11,500	26,800	Inc	1	—	—	12¾	Sale	15	Sale	12 Dec 10	15 Dec 31	11⅝ Oct 26	15 Dec 31
11,600	250,400	Hercules Galion Prod	10c	3¾	Sale	3⅞	Sale	3⅞	Sale	3⅞ Dec 3	4⅛ Dec 12	3⅛ May 5	4¾ Sep 18
2,500	38,100	Higbie Mfg Co	1	16½	Sale	14⅛	Sale	13¾	Sale	13½ Dec 31	14½ Dec 4	12 May 29	16½ Jan 2
		Highway Trailer Indus—											
18,900	‡76,000	Common	1.25	—	—	7⅞	Sale	7	Sale	6⅝ Dec 27	7⅞ Dec 3	‡6½ Oct 24	10⅝ Sep 14
1,000	26,500	5% conv preferred	10	6	6¼	5¾	Sale	5⅜	5¾	5⅜ Dec 14	5¾ Dec 3	3½ May 24	6¾ Jan 5
2,400	36,200	Hill's Supermarkets Inc	50c	26¾	Sale	13¼	14	12½	Sale	12½ Dec 31	14 Dec 5	12½ Oct 24	26¾ Jan 2
23,400	282,100	Hilton Hotels Corp warrants		10⅜	Sale	7½	Sale	6¾	Sale	6⅝ Dec 28	8¼ Dec 13	4¼ Oct 23	12¼ Feb 19
16,800	192,200	Hoe (R) Co Inc common	1	3¾	Sale	1¾	Sale	1⅝	Sale	1⅝ Dec 13	1⅞ Dec 5	1⅝ Oct 31	3¾ Jan 2
15,800	152,200	Class A	2.50	13⅞	Sale	7⅛	Sale	6½	Sale	6⅜ Dec 10	7⅛ Dec 3	5¾ Oct 24	14½ Mar 22
30,900	‡69,500	Hoffman Intl Corp	1	—	—	—	—	3⅞	Sale	3½ Dec 24	4¼ Dec 13	‡3½ Dec 24	6½ July 10
23,900	268,800	Hofmann Industries Inc	25c	1⅜	Sale	1⅛	Sale	1/16	Sale	1/16 Dec 27	¾ Dec 4	1/16 Jun 18	1½ Jan 4
13,200	145,400	Hollinger Cons G M	5	23⅛	Sale	19⅞	Sale	19¼	Sale	18⅝ Dec 5	19⅞ Dec 3	16¾ Jun 21	25⅛ Jan 18
35,300	381,700	Holly Corporation	50c	1⅞	Sale	1⅛	Sale	1⅛	Sale	1 Dec 26	1⅜ Dec 10	⅛ Oct 29	2⅜ Apr 3
27,200	306,100	Holly Stores Inc	1	19	Sale	6½	Sale	5¼	Sale	4⅞ Dec 31	6⅝ Dec 3	4⅞ Oct 24	20⅛ Jan 4
2,400	32,800	Holophane Co Inc	*	37½	Sale	33⅛	33½	32½	Sale	31¾ Dec 21	34 Dec 5	29¼ Jun 27	44½ Apr 6
2,600	53,100	Home Finance Group Inc	1	15⅛	Sale	13⅞	Sale	13	Sale	12⅝ Dec 21	14 Dec 3	11½ May 29	18¼ Mar 22
13,300	260,700	Home Oil Co Ltd class A	*	13⅛	Sale	11	11¼	10½	Sale	10⅛ Dec 20	11¾ Dec 5	8⅝ Jun 25	15⅛ Feb 16
7,100	140,500	Class B	*	12⅝	Sale	10⅜	10½	10½	Sale	10¼ Dec 19	11¾ Dec 5	8½ May 29	14¼ Mar 2
550	11,485	Hormel (Geo A) & Co	7.50	34½	Sale	28¼	Sale	27¾	Sale	27⅜ Dec 26	29¾ Dec 6	26¼ May 28	36 Mar 13
750	11,160	Horn & Hardart Baking	*	159½	162½	115	117	110	Sale	107 Dec 31	116½ Dec 4	102 Jun 29	190 Feb 13
7,800	112,300	Horn & Hardart common	*	39½	Sale	20¾	Sale	19⅞	Sale	19¾ Dec 20	20¾ Dec 3	18⅛ Jun 25	42½ Jan 30
100	3,670	5% preferred	100	99	100½	94¾	96	94½	96	93 Dec 14	94½ Dec 6	90½ July 3	101¾ Jan 31
1,800	21,600	Hoskins (The) Mfg Co	2.50	33	34¼	26⅝	27½	27¾	Sale	27 Dec 4	28 Dec 11	26 May 29	33¼ Apr 13
4,800	67,500	Howell Elec Motors Corp	1	8¾	Sale	6½	Sale	4⅝	Sale	4⅝ Dec 31	6⅝ Dec 3	4 May 29	9¼ Apr 18
		Hubbell (Harvey) Inc—											
1,900	68,500	Class A common	5	18⅝	Sale	18	Sale	17⅜	17⅞	17 Dec 18	18⅛ Dec 4	16⅜ Jun 20	22½ Feb 21
3,200	54,300	Class B common	5	18	18¼	17⅞	Sale	17⅜	Sale	16¾ Dec 18	18 Dec 4	16⅛ Oct 24	21¾ Mar 23
		Hudson & Manhattan Corp											
4,500	70,400	Class A	10	—	—	30½	Sale	29⅛	29⅞	29½ Dec 10	30½ Dec 3	24½ May 29	34 Feb 21
17,400	179,700	Hudson Vitamin Products	1	28½	Sale	15½	Sale	13¼	Sale	13¼ Dec 27	15¾ Dec 3	11 Oct 24	28⅝ Jan 5
90,900	996,300	Hycon Mfg Company	10c	3⅞	Sale	2⅞	Sale	2⅜	Sale	2⅜ Dec 14	2⅞ Dec 3	1⅞ May 29	4 Jan 2
6,100	48,600	Hydromatics Inc	1	15¾	Sale	5⅞	Sale	5¼	Sale	4¾ Dec 20	6¼ Dec 3	4¾ Oct 22	15⅞ Jan 15
54,000	606,400	Hydrometals Inc	2.50	14¼	Sale	5⅞	Sale	5⅛	Sale	4¾ Dec 24	6⅛ Dec 4	4⅛ May 29	14¼ Jan 2
13,800	91,700	Hygrade Food Products	5	25½	Sale	15½	Sale	15⅝	Sale	15⅛ Dec 18	16 Dec 26	13½ Oct 23	26 Jan 15
12,600	153,800	IMC Magnetics Corp	33⅓c	7⅝	Sale	4¾	Sale	4⅛	Sale	3¾ Dec 19	4¾ Dec 3	3⅝ Jun 27	10⅞ Feb 20
		Imperial Chem Indus Ltd—											
17,400	377,900	Amer dep rcts ord reg	£1	8	Sale	8 5/16	Sale	8	Sale	7 13/16 Dec 28	8⅜ Dec 4	6½ May 29	8⅜ Jan 5
12,700	199,000	Imperial Oil (Canada)	*	48	Sale	40⅞	Sale	40¾	Sale	39¼ Dec 24	41¼ Dec 3	36 July 20	49⅞ Jan 4
31,300	309,900	Imperial Tobacco of Can	5	17	Sale	13⅝	Sale	13⅛	Sale	12⅝ Dec 24	13⅞ Dec 7	11⅜ Jun 25	17 Jan 2
200	47,500	Imp Tob of Gt Brit & Ire	£1	8 1/16	9¼	7 1/16	8 1/16	7⅝	8	7¾ Dec 26	7¾ Dec 26	6⅝ Jun 13	8¾ Jan 18
21,200	308,900	Independent Telephone	1	11¾	Sale	7⅜	Sale	8⅝	Sale	7⅜ Dec 3	8⅞ Dec 31	6¼ May 29	12 Jan 3
		Indianapolis Pwr & Light—											
540	6,275	4% preferred	100	85¼	88	89	Sale	88¼	90½	87¼ Dec 3	90 Dec 6	83¾ Jun 6	92⅞ Oct 22
		Industrial Electronic											
5,900	109,700	Hardware Corp	50c	5⅝	Sale	3⅛	Sale	3	Sale	3 Dec 14	3⅜ Dec 6	3 Dec 14	7 Feb 9
6,800	67,000	Industrial Plywood Co	25c	5½	5⅞	4	Sale	3¼	Sale	3⅛ Dec 31	4 Dec 3	3⅛ Oct 25	7⅜ Mar 13
19,200	91,400	Inland Credit Corp cl A	1	35	Sale	17¾	Sale	15⅞	Sale	15½ Dec 10	17¾ Dec 3	15¼ May 28	35½ Jan 2
3,100	54,800	Inland Homes Corp	1	12¾	Sale	10¾	Sale	9¾	Sale	9⅝ Dec 19	10¾ Dec 3	*7⅞ Jun 27	14¼ Feb 6
26,400	372,100	Insur Co of North Amer	5	105¼	Sale	89	Sale	94½	Sale	87¾ Dec 3	97½ Dec 17	65½ Jun 25	105½ Jan 2
23,200	154,100	International Breweries	1	7⅛	Sale	3⅜	Sale	3¼	Sale	3¼ Dec 27	3½ Dec 10	3¼ Dec 27	7⅞ Jan 10
2,700	60,200	Internat'l Holdings Corp	1	38¾	39¾	30¾	Sale	33	Sale	30½ Dec 18	33 Dec 31	25⅜ Oct 24	39¾ Jan 12
9,500	93,900	International Products	5	5	Sale	2⅞	Sale	2⅝	Sale	2½ Dec 26	3 Dec 4	2½ Oct 22	7⅝ Apr 11
10,600	103,400	Internat'l Stretch Prods	1	—	—	8⅛	Sale	8	Sale	7⅞ Dec 7	8⅝ Dec 24	5⅞ July 16	10 Aug 31
3,700	55,500	Intex Oil Company	33½c	7	7¼	6⅛	Sale	6⅛	Sale	6 Dec 17	6⅝ Dec 3	5¼ Jun 12	8½ Mar 16
21,200	292,300	Investmt Prop Builders	10c	—	—	1⅜	1½	1¼	Sale	1 Dec 26	1½ Dec 5	1 Dec 26	3¼ Jan 9
		Investors Funding Corp											
3,600	33,800	(N Y) class A	5	—	—	12	Sale	11⅜	Sale	10⅞ Dec 26	12¾ Dec 5	10⅞ Dec 26	23½ Jan 23
18,100	128,400	Investors Royalty Co	1	2¾	Sale	2⅞	3	3⅜	Sale	3 Dec 4	3⅜ Dec 13	2¾ Jan 2	3⅜ Dec 13
		Iowa Public Service Co—											
50	540	3.90% preferred	100	80	82	81	83	82¾	85½	83 Dec 5	83 Dec 5	80¼ Jan 4	88 Sep 7
39,600	201,200	Ipco Hospital Supply Corp	1	—	—	10⅜	Sale	9⅞	Sale	9¾ Dec 28	10¾ Dec 4	7¾ Oct 23	11 Aug 20
3,800	80,700	Irving Air Chute	1	18¾	19	18	18⅜	20	Sale	17⅝ Dec 3	20½ Dec 27	10¾ Jun 25	26⅞ Mar 27
144,000	3,247,600	Israel-American Oil Corp	10c	⅜	Sale	1/16	Sale	1/16	Sale	1/16 Dec 3	¼ Dec 3	1/16 Aug 1	⅜ Jan 2
13,900	143,200	Jeannette Glass Co	1	22½	22⅞	9	9¼	8	Sale	7⅝ Dec 31	9 Dec 6	7⅝ Dec 31	23⅝ Apr 18
9,700	199,200	Jefferson Construction	1	6⅛	Sale	3¾	Sale	3⅝	Sale	3⅜ Dec 11	3⅞ Dec 4	2½ May 29	6⅜ Jan 23
20,000	152,400	Jefferson Lake Asbestos	1	—	—	9⅛	Sale	10⅝	Sale	9⅛ Dec 3	11¼ Dec 14	5½ Jun 13	11⅝ Mar 16
		Jefferson Lake											
11,900	110,000	Petrochemicals Ltd	1	—	—	4¾	Sale	4½	Sale	4½ Dec 27	5 Dec 4	4 7/16 Oct 24	9⅛ Feb 8
6,500	82,300	Series B warrants		—	—	2	2⅛	2	Sale	1⅞ Dec 17	2 3/16 Dec 11	1⅞ Jun 25	4⅛ Feb 8
12,000	159,700	Jetronic Industries Inc	10c	4⅜	Sale	2¾	Sale	2½	Sale	2¼ Dec 28	2¾ Dec 3	2 July 24	5¾ Jan 17
41,500	245,200	Jupiter Corp (The)	75c	—	—	5⅜	Sale	4⅛	Sale	4 Dec 26	5⅜ Dec 3	3⅝ Nov 5	12 Mar 21
168,300	1,651,400	Kaiser Industries Corp	4	9¼	Sale	6⅞	Sale	6⅜	Sale	6¼ Dec 24	7⅛ Dec 5	5¼ Oct 3	10⅛ Jan 4
45,400	621,300	Kaltman (D) & Co	50c	3⅛	Sale	2	Sale	1½	Sale	1½ Dec 19	2⅛ Dec 5	1⅜ Oct 23	3¾ Jan 11
----	620	Kansas G & E 4½% pfd	100	96¼	97¼	98⅞	--	97⅜	--	-- ------	-- ------	95½ Jan 11	100 Nov 28
19,500	196,400	Katz Drug Company	1	26	Sale	11¼	Sale	10¾	Sale	10 Dec 17	11¼ Dec 3	9¼ Oct 26	26½ Jan 3
8,500	189,000	Kaufman & Broad Bldg Co	1	—	—	15¼	Sale	14¼	Sale	14⅛ Dec 21	15½ Dec 5	9½ May 29	18 Apr 3
34,900	147,300	Kavanau Corporation	1	19⅜	Sale	9½	Sale	9¼	Sale	8 Dec 12	10 Dec 3	8 Dec 12	21⅜ Feb 9
22,600	360,800	Kawecki Chemical	25c	49½	Sale	25¼	Sale	23¾	Sale	22⅛ Dec 11	25¼ Dec 3	20½ May 29	50⅜ Feb 16
8,100	106,700	Kay Jewelry Stores Inc	1	11	11¼	7⅞	Sale	7⅜	Sale	7⅜ Dec 31	8½ Dec 7	7¼ Oct 24	14 Feb 20
1,900	62,300	Kidde (Walter) & Co	2.50	11⅝	Sale	13	Sale	12	Sale	12 Dec 28	13 Dec 3	9⅛ May 29	13½ Aug 23
30,200	224,700	Kilembe Copper Cobalt Ltd	1	2	Sale	1¾	Sale	2⅜	Sale	1 11/16 Dec 3	2½ Dec 21	1½ Jun 25	3⅛ Feb 28
44,700	161,200	Kin-Ark Oil Company	10c	1⅛	1¼	1⅜	Sale	1⅝	Sale	1 Dec 27	1¾ Dec 28	¾ July 24	1¾ Dec 28
42,100	343,400	Kingsford Company	1.25	2	Sale	1⅛	Sale	1⅛	Sale	1⅛ Dec 3	1¼ Dec 4	1 Oct 5	2¼ Jan 4
22,500	123,000	Kingston Products	1	3⅛	Sale	2⅝	Sale	3	Sale	2⅝ Dec 3	3⅜ Dec 20	2⅛ Sep 24	3⅜ Feb 15
8,500	44,200	Kinney Service Corp	1	—	—	16½	Sale	14	Sale	13⅞ Dec 31	16¾ Dec 3	13¾ Oct 23	18½ Sep 20
40,400	1,016,500	Kirby Petroleum Co	1	15	Sale	21	Sale	17⅞	Sale	17⅜ Dec 24	23 Dec 5	13½ May 28	41½ Aug 20
26,500	469,700	Kirkeby-Natus Corp	1	24¼	Sale	16⅝	Sale	15⅛	Sale	14⅞ Dec 27	16⅝ Dec 3	13⅝ Jun 25	25½ Jan 26
13,300	338,800	Kirkland Minerals Ltd	1	1/16	Sale	3/16	1/16	1/16	Sale	1/16 Dec 5	1/16 Dec 4	¼ Apr 27	½ Sep 12
6,400	54,600	Kleer-Vu Industries Inc	10c	6⅝	Sale	3	Sale	2½	Sale	2⅜ Dec 18	3 Dec 3	2⅜ Dec 18	7⅞ Jan 15
30,400	444,600	Klein (S) Dept Stores Inc	1	26¾	Sale	15⅞	Sale	13¼	Sale	13⅛ Dec 31	16⅜ Dec 4	12½ Oct 24	28⅞ Jan 4
2,300	39,700	Kleinert (I B) Rubber	2.50	19½	19⅞	12¾	Sale	12	12¼	11½ Dec 20	12¾ Dec 3	9⅝ May 29	19 Jan 16
39,000	700,100	Klion (H L) Inc	25c	8⅞	Sale	5¼	Sale	4½	Sale	4⅜ Dec 31	5¼ Dec 3	4¼ Oct 24	10⅛ Mar 13
800	16,600	Knott Hotels Corp	5	24	Sale	16⅝	17½	17⅛	17½	16⅝ Dec 4	17¼ Dec 20	16½ Oct 24	24⅛ Jan 8
1,300	12,900	Kostin Corp	7.50	15½	16	13¾	14⅜	14¾	14⅞	13¾ Dec 4	14⅞ Dec 10	11 July 11	15¾ Jan 16
231,200	1,210,900	Kratter (The) Corp cl A	1	27	Sale	15⅝	Sale	15½	Sale	14½ Dec 3	17⅞ Dec 5	14½ Dec 3	28½ Feb 7
14,400	149,600	Kropp (The) Forge Co	33⅓c	2½	Sale	1⅞	Sale	1½	Sale	1½ Dec 28	2⅛ Dec 5	1⅜ May 29	2¾ Mar 8
		Kulka Smith Electronics—											
18,700	202,600	Common	10c	7¾	Sale	4⅞	Sale	4⅜	Sale	4⅛ Dec 19	4⅞ Dec 3	3⅛ Oct 24	9⅜ Feb 7
8,900	135,500	L'Aiglon Apparel Inc	1	25¼	Sale	9½	Sale	9½	Sale	9¼ Dec 28	11½ Dec 5	7¾ Oct 24	25¼ Jan 2
17,700	263,600	Lafayette Rad & Electron	1	23½	Sale	10⅞	Sale	9½	Sale	9½ Dec 31	11⅞ Dec 5	7⅜ Oct 24	25¼ Jan 5
19,900	167,600	Lake Shore Mines Ltd	1	3	Sale	2⅜	Sale	2¼	Sale	2¼ Dec 20	2½ Dec 4	2¼ Dec 20	3¾ Jun 13
8,700	56,100	Lakey Foundry Corp	1	3½	Sale	2⅛	Sale	1⅝	Sale	1½ Dec 28	2⅛ Dec 3	1½ Dec 28	4 Jan 12
10,200	74,300	Lamb Industries Inc	3	5¾	Sale	3¼	3½	3⅜	Sale	3 Dec 19	3½ Dec 14	2½ May 28	5¾ Jan 2
8,500	60,100	Lamson Corp of Del	5	13¼	Sale	10½	Sale	11½	Sale	9¾ Dec 19	11½ Dec 31	8⅞ Sep 25	15 Jan 11
6,800	62,100	Lamson & Sessions Co	10	19¾	Sale	14⅞	Sale	14½	Sale	14¼ Dec 27	15 Dec 4	12¾ Oct 23	20⅜ Jan 4
13,400	95,100	Lanston Industries Inc	5	8	Sale	3⅛	Sale	2¾	Sale	2½ Dec 21	3⅛ Dec 3	2½ Dec 21	8 Jan 2
7,500	80,900	Larchfield Corp	1	5⅞	Sale	5¾	Sale	4⅞	Sale	4⅞ Dec 14	5¾ Dec 3	4¾ May 29	6¼ Mar 14
16,200	48,400	Lease Plan Interna'l Corp	1	--	--	23½	Sale	22⅜	Sale	21⅝ Dec 28	24½ Dec 12	15⅜ Oct 26	25¾ Nov 28
7,600	43,600	Lee Filter Corp	1	—	—	3½	Sale	2¾	Sale	2⅝ Dec 26	3⅝ Dec 5	2⅝ Dec 26	9 Feb 12
9,400	55,300	Lee Motor Products cl A	1	5⅝	Sale	2⅛	Sale	2	Sale	2 Dec 19	2⅝ Dec 4	1⅞ Nov 5	5⅞ Jan 4
420,100	2,018,400	Lefcourt Realty Corp	25c	1⅞	Sale	1/16	Sale	3/16	Sale	3/16 Dec 31	5/16 Dec 3	3/16 Dec 31	2⅜ Jan 4
22,400	22,400	Leslie Fay Inc class A	1	—	—	—	—	9½	Sale	9⅛ Dec 4	10¼ Dec 4	9⅛ Dec 4	10¼ Dec 4
1,600	39,800	Levine's Inc	4	--	--	11¼	Sale	11¼	Sale	10½ Dec 26	11¾ Dec 12	9½ May 29	15⅞ Mar 16
73,400	653,300	Liberty Fabrics of N Y	1	24¼	Sale	21¼	Sale	22¾	Sale	20½ Dec 3	25 Dec 5	10⅝ Oct 24	40¾ Mar 26
100	6,810	5% cumulative pfd	10	8	8⅝	7⅞	8¼	7¾	8	7¾ Dec 21	7¾ Dec 21	7⅜ July 3	8½ Jan 4

For footnotes, see page 36.

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
37,500	373,800	Lithium Corp of America	1	14	Sale	7¾	Sale	6⅞	Sale	6¾ Dec 18	7¾ Dec 3	6¼ Oct 19	14⅜ Jan 4
131,200	1,072,800	Livingston Oil Co	10c	9¾	Sale	8⅞	Sale	9	Sale	8⅜ Dec 6	9⅜ Dec 14	5 May 29	11¾ Jan 4
1,500	36,900	Locke Steel Chain	2.50	—	—	13¾	14¼	13½	13¾	13½ Dec 12	14 Dec 6	‡10 Jun 27	18⅞ Feb 9
3,500	44,900	Lockwood Kessler & Bartlett class A	25c	4	4¼	3¾	Sale	3½	Sale	3⅛ Dec 20	4 Dec 12	3 Oct 22	6 Mar 8
37,400	278,900	Lodge & Shipley (The) Co	1	1¼	Sale	1⅛	Sale	1¼	Sale	1 Dec 5	1⅜ Dec 14	1 Jun 25	1¾ Feb 15
4,400	40,400	Longines-Wittnauer Watch	1	12¾	Sale	9⅝	Sale	9	Sale	8⅝ Dec 18	9¾ Dec 6	8⅝ Dec 18	16 Mar 8
93,300	1,239,700	Loral Electronics Corp	25c	35	Sale	14¾	Sale	13½	Sale	12¾ Dec 18	14¾ Dec 3	9¾ Oct 26	35½ Jan 3
10,300	165,900	Louis Sherry Preserves	1	6½	Sale	3½	Sale	2⅝	Sale	2⅜ Dec 24	3½ Dec 3	2⅜ Dec 24	7⅝ Mar 28
6,700	129,700	Louisiana Gas Service	10	23	Sale	17⅞	18	18	Sale	16⅞ Dec 11	18 Dec 4	15⅞ May 29	23 Jan 2
40,500	593,900	Louisiana Land & Explor	30c	74⅛	Sale	71⅞	Sale	71½	Sale	71¼ Dec 3	73⅛ Dec 14	58⅛ May 29	80¼ Apr 24
17,300	257,600	Lucky Friday Silver-Lead Mines Company	10c	27½	Sale	28⅜	Sale	25⅜	Sale	25⅜ Dec 31	28⅞ Dec 5	20⅞ Feb 28	32 Sep 21
11,600	119,700	Lundy Electronics & Systems Inc	10c	—	—	4⅜	Sale	4⅝	Sale	4⅜ Dec 3	5⅛ Dec 6	3⅛ May 29	6¾ Apr 26
1,250	15,600	Lunkenheimer (The) Co	2.50	28¾	Sale	25⅝	Sale	25⅛	25½	24⅞ Dec 17	25½ Dec 13	22½ Oct 1	29½ Feb 15
16,100	178,300	Lynch Corp	2	8⅝	Sale	7⅝	Sale	7½	Sale	7⅛ Dec 12	8⅛ Dec 5	5⅛ Jun 25	9⅞ Mar 7
34,800	160,900	MacFadden-Bartell Corp	50c	—	—	1⅞	Sale	1⅝	Sale	1⅝ Dec 11	1⅞ Dec 3	1⅝ Oct 23	4⅞ Feb 16
8,600	132,800	Mack Trucks Inc warrants		24⅜	Sale	18¼	Sale	17½	Sale	16½ Dec 11	18¼ Dec 3	11½ Jun 25	25⅝ Mar 19
5,800	69,400	Macke Vending Co class A	1	26¼	Sale	20	Sale	23	Sale	19 Dec 18	23⅜ Dec 31	14 Oct 24	30⅜ Feb 21
16,400	153,200	Mackey Air Lines Inc	33⅓c	1⅝	Sale	1	1⅛	⅞	Sale	⅞ Dec 31	1⅛ Dec 4	⅞ Dec 31	2 Feb 12
17,400	197,200	Macoid Industries Inc	*	—	—	2⅞	Sale	2¾	Sale	2¾ Dec 24	3 Dec 3	2⅝ Oct 31	5¾ Mar 13
133,700	3,297,900	Magellan Petroleum Corp— Voting trust ctfs	1c	¾	Sale	1⅛	Sale	1¼	Sale	1⅛ Dec 3	1⅜ Dec 11	⅝ Jan 2	1⅞ Mar 2
21,700	724,700	Magna Oil Corporation	50c	4¾	Sale	6¼	Sale	5½	Sale	5⅜ Dec 31	6¾ Dec 4	4¼ Oct 24	10¼ May 18
3,300	50,000	Maine Public Service	7	21½	Sale	21	Sale	21¾	Sale	20¾ Dec 12	21¾ Dec 5	18½ Jun 25	24¾ Apr 18
36,400	189,900	Majestic Specialties Inc	*	32½	Sale	13½	Sale	12⅞	Sale	12⅜ Dec 17	14¼ Dec 4	10⅛ Oct 24	32½ Jan 2
8,900	83,700	Mallory Randall Corp	10c	11	Sale	4⅞	Sale	4	Sale	3¾ Dec 11	5⅛ Dec 3	3⅛ Oct 24	11½ Jan 2
15,000	161,900	Mangel Stores Corp	1	40¼	Sale	24	Sale	20½	Sale	19⅝ Dec 27	24 Dec 3	18¼ Oct 26	40¾ Jan 2
26,800	305,700	Mansfield Tire & Rubber	2½	9½	Sale	6⅞	Sale	6½	Sale	6⅜ Dec 31	7 Dec 3	6 May 29	10⅞ Jan 4
----	800	Marconi Internat Marine American dep rcts	£1	3⅛	3⅝	3½	4	3¾	4¼	-- ------	-- ------	3⅜ Feb 12	4⅛ Apr 30
27,200	339,100	Martin-Mariette "wts"		38⅜	Sale	27⅝	Sale	29	Sale	27¼ Dec 4	32 Dec 5	17⅛ May 29	42⅞ Jan 22
26,300	237,500	Maryland Cup Corp	1	37	Sale	28	Sale	27¾	Sale	25 Dec 21	28¼ Dec 3	20¼ Jun 25	38 Feb 19
10,800	138,600	Masco Corp	1	--	--	27⅞	Sale	28¼	28⅝	26⅞ Dec 11	29½ Dec 21	16⅜ Jun 27	29¾ May 15
60,500	938,900	Massey-Ferguson Ltd	*	12½	Sale	11½	Sale	11¾	Sale	10⅞ Dec 14	11¾ Dec 28	8⅞ May 29	13⅝ Apr 4
17,900	100,800	Maule Industries Inc	3	6⅜	Sale	4⅞	5	4½	Sale	4⅜ Dec 21	4⅞ Dec 5	4⅜ Dec 21	6⅞ Jan 31
138,200	2,781,500	McCrory Corp warrants		10⅝	Sale	5⅛	Sale	4½	Sale	4⅛ Dec 27	5¼ Dec 3	3⅞ Oct 24	12¾ Jan 19
75,300	1,924,900	McCulloch Oil Corp	50c	2⅝	Sale	2	Sale	1⅞	Sale	1⅞ Dec 21	2⅛ Dec 4	1⅞ Oct 24	4 Jan 9
230,900	‡1,256,600	Mead Johnson & Co	1	—	--	20⅛	Sale	22⅛	Sale	19⅝ Dec 3	23⅞ Dec 5	‡16 Oct 11	40 Apr 30
15,600	312,400	Menasco Mfg Co	1	5	Sale	4¾	Sale	4⅜	Sale	4¼ Dec 31	4¾ Dec 3	3⅛ May 29	5½ Jan 11
1,600	11,100	Merchants Refrigerating	1	20½	Sale	18¼	19	19⅝	20½	18½ Dec 17	20 Dec 26	16¼ July 30	21½ Jan 3
8,600	98,400	Merrill Island Mining Ltd	1	1⅛	¾	1/16	⅝		½ Sale	½ Dec 11	1/16 Dec 4	1/16 July 24	1 Feb 13
13,200	144,500	Metal & Thermit Corp	5	31	Sale	32⅞	Sale	--	--	32¾ Dec 18	33½ Dec 10	21¾ Jun 27	33½ Dec 10
2,700	41,400	Miami Extruders Inc	10c	6	Sale	4½	Sale	4¼	4⅝	4⅜ Dec 6	4¾ Dec 19	4 Nov 27	6¼ Jan 8
11,500	221,000	Michigan Chemical Corp	1	11⅞	Sale	10	10¼	10½	Sale	9¾ Dec 24	11⅜ Dec 12	9 Jun 25	15½ Mar 21
21,800	175,800	Michigan Sugar common	1	3	Sale	2¾	Sale	2¾	Sale	2½ Dec 18	3 Dec 4	2¼ May 2	3¼ Jan 3
7,000	35,700	6% preferred	10	11¾	11⅞	10½	Sale	11¾	Sale	10¼ Dec 6	11⅞ Dec 27	9⅞ Aug 7	12 Jan 11
7,900	72,100	Micromatic Hone Corp	1	11	Sale	8⅝	Sale	8	Sale	7¾ Dec 31	9½ Dec 5	7⅝ Oct 25	12⅜ Mar 13
65,400	488,900	Microwave Associates Inc	1	36¾	Sale	13½	Sale	13⅛	Sale	12 Dec 21	15¼ Dec 5	8 May 29	38½ Jan 25
4,300	81,700	Mid-West Abrasive Co	50c	13⅛	13½	13	13¼	13	Sale	12¾ Dec 20	13½ Dec 6	11 May 29	15 Mar 13
900	18,600	Midwest Investment Co	5	21	Sale	19½	Sale	19⅝	20	19½ Dec 3	19⅝ Dec 3	18½ Jun 19	21⅜ Mar 14
73,800	‡589,000	Midwestern Financial	50c	—	—	7¼	Sale	7⅛	Sale	6¾ Dec 21	7¾ Dec 10	‡6 Oct 24	15⅜ Apr 16
11,700	131,700	Mill Factors Corp	2.50	24½	Sale	17	Sale	15¾	Sale	15 Dec 20	17 Dec 3	14 Oct 24	26½ Mar 30
11,500	139,300	Miller-Wohl Co common	50c	8⅞	Sale	4	Sale	3¾	Sale	3¾ Dec 24	4 Dec 3	3¾ Nov 5	8⅞ Jan 2
300	2,150	4½% conv preferred	50	34¾	35¾	30½	31	31½	Sale	30½ Dec 31	31 Dec 4	30½ Nov 20	36¼ Mar 1
5,200	183,000	Milo Electronics Corp	1	9⅞	Sale	8¾	Sale	7¾	Sale	7⅝ Dec 20	9 Dec 5	4½ May 29	13 Feb 9
1,300	25,500	Mining Corp of Canada	*	13⅝	Sale	12½	13¼	12⅝	13	12½ Dec 10	12⅞ Dec 17	11½ Jun 4	15¾ Apr 24
75	2,700	Minnesota P&L 5% pfd	100	103½	Sale	102	103	101½	104	103 Dec 5	103 Dec 5	100 Apr 9	103½ Jan 2
1,200	26,300	Mirro Aluminum Co	10c	24¾	Sale	23½	24⅛	24¼	24⅝	23¼ Dec 18	24½ Dec 10	20¼ Jun 27	25 Jan 3
17,900	137,000	Missouri-Kansas-Texas ctfs		5½	Sale	4¾	Sale	4	Sale	3⅞ Dec 31	5½ Dec 6	3⅛ Jun 26	6¾ Feb 19
34,800	244,200	Mohawk Airlines Inc	1	5⅞	Sale	4⅞	Sale	4½	Sale	4¼ Dec 24	4⅞ Dec 3	3⅝ May 29	6¾ Jan 4
54,800	350,900	Molybdenite Corp of Can	1	¾	Sale	½	Sale	1/16	Sale	⅜ Dec 26	1/16 Dec 6	⅜ Dec 26	1 Jan 24
35,600	796,700	Molybdenum Corp of Amer	1	28⅝	Sale	25¾	Sale	22⅜	Sale	22 Dec 24	26⅜ Dec 4	19 Oct 24	40 Apr 6
34,100	1,138,800	Warrants		16⅛	Sale	11½	Sale	9⅜	Sale	9⅜ Dec 31	12⅛ Dec 4	9 Oct 24	25¼ July 31
63,300	408,800	Monogram Indus Inc	1	2⅞	Sale	1¾	Sale	1⅝	Sale	1½ Dec 12	1⅞ Dec 3	1½ May 29	3⅜ Jan 8
290	4,480	Monongahela Power Co— 4.40% cum pfd	100	90½	91½	94	Sale	93	94½	93½ Dec 19	94 Dec 3	88 July 20	94½ May 22
50	1,500	4.80% cum pfd ser B	100	96½	98	101	103	102	103	101 Dec 10	103 Dec 12	97½ Jan 3	103¼ Jun 25
----	430	4.50% cum pfd ser C	100	92	94	96	97	96	97½	-- ------	-- ------	91 Jan 11	97½ Nov 9
620	8,750	Montgomery Ward & Co A	*	145	Sale	158	Sale	155	156	153 Dec 5	158 Dec 3	144¾ Jan 5	158½ Nov 26
7,500	75,700	Morse Electro Products	25c	9½	Sale	4⅞	Sale	3⅞	Sale	3¾ Dec 31	5⅜ Dec 3	3¾ Oct 24	10¼ Jan 2
11,200	211,600	Mt Clemens Metal Products	1	14¼	Sale	6¾	Sale	5⅝	Sale	5½ Dec 19	6¾ Dec 3	4¼ May 29	14⅜ Jan 2
----	5,900	6% cum preferred	4	3⅞	Sale	3⅞	4⅛	3⅞	4	-- ------	-- ------	3⅞ Jan 2	4 Jan 17
1,000	37,300	Mount Diablo Company	1	4¼	4⅜	5⅝	6	5¾	5⅞	5¾ Dec 17	5⅞ Dec 5	4⅛ Jan 17	6⅝ July 31
2,300	35,300	Mount Vernon Mills Inc.	2.50	17½	17⅞	14	Sale	13	Sale	12⅞ Dec 31	14⅛ Dec 3	12⅝ Oct 24	18⅞ Feb 12
34,800	295,100	Mountain Sts Tel&Tel	12½	33½	Sale	26	Sale	26⅛	Sale	25¼ Dec 20	27⅜ Dec 7	21 May 29	35 Mar 19
3,900	40,500	Movielab Inc class A com	1	13¼	Sale	9⅝	Sale	9⅝	Sale	9⅜ Dec 4	10¼ Dec 20	7⅝ Jun 27	14 Jan 8
7,900	111,700	Movie Star Inc class A	50c	--	--	3¾	3⅞	3½	Sale	3½ Dec 24	4 Dec 14	3⅜ Oct 24	9¼ Jan 22
10,700	88,700	MPO Videotronics class A	1	12⅜	Sale	6	Sale	5¾	Sale	5½ Dec 7	6⅛ Dec 3	5½ Dec 7	14⅜ Feb 14
43,900	554,100	Muntz TV Inc	1	5¾	Sale	5	Sale	4¾	Sale	4¾ Dec 20	5½ Dec 4	4 Jun 27	6¼ Mar 21
3,000	‡90,300	Murray Ohio Mfg Co	2.50	--	--	28½	29¼	26⅝	Sale	26 Dec 19	29¼ Dec 4	‡23 Jun 29	34¼ Apr 17
10,600	196,400	Muskegon Piston Ring	2.50	10⅜	Sale	12	Sale	12¼	Sale	11½ Dec 11	12½ Dec 5	8½ May 29	12⅞ Feb 15
1,300	44,000	Muskogee Co	10	34½	35	43½	44½	44¼	Sale	44 Dec 12	45 Dec 5	22¾ July 27	46¾ Oct 3
19,800	173,000	Muter Company	50c	6½	Sale	4⅝	Sale	4	Sale	3⅞ Dec 31	4⅞ Dec 5	3½ May 28	7 Jan 3
3,200	61,400	Nachman Corp	5	7	Sale	5	Sale	5	Sale	4½ Dec 19	5 Dec 3	3⅛ Oct 2	7⅛ Jan 5
27,600	196,800	Namm-Loeser's Inc	1	11⅝	Sale	13⅞	Sale	12	Sale	12 Dec 20	15⅝ Dec 7	8¾ Jun 27	15⅝ Dec 7
18,900	441,100	Napco Industries Inc	1	9	Sale	7⅛	Sale	6½	Sale	6⅜ Dec 28	7¼ Dec 3	4¼ May 29	9⅞ Jan 2
12,400	228,900	Nat Nast Inc class A	25c	9¾	Sale	6⅛	Sale	5¼	Sale	5 Dec 28	6⅜ Dec 5	5 Dec 28	12¾ Mar 13
24,200	118,200	Nat Alfalfa Dehydrating & Milling Company	3	8	8½	7	Sale	9	Sale	6⅞ Dec 3	9 Dec 31	3⅝ Jun 21	9 Mar 1
42,000	624,300	National Bellas Hess	1	12⅜	Sale	8⅜	Sale	7¼	Sale	7⅛ Dec 31	8⅜ Dec 3	6¼ Oct 24	12½ Feb 7
18,600	172,000	National Bowl-O-Mat Corp	1	3⅞	Sale	1⅝	Sale	1½	Sale	1¼ Dec 20	1¾ Dec 6	1¼ Oct 29	4¾ Jan 17
300	20,900	Natl Brewing Co (Mich)	1	4	Sale	4	4⅛	4	4¼	4 Dec 14	4⅛ Dec 7	4 Jan 2	4¾ Apr 11
1,000	12,950	National Casket Co	5	28	29	23⅛	Sale	22½	Sale	22½ Dec 28	23½ Dec 6	21¼ Oct 29	32 Mar 2
14,500	148,200	National Company Inc	1	12⅜	Sale	7¾	Sale	6¾	Sale	6½ Dec 28	7¾ Dec 3	5¾ Oct 24	13⅛ Jan 22
5,600	37,900	Nat Elec Welding Mach	1	12¾	Sale	9⅜	Sale	9⅛	Sale	9 Dec 17	9¾ Dec 5	8¼ Oct 24	14¾ Jan 17
20,500	197,800	National Equipment Rental	1	16⅞	Sale	11⅞	Sale	11⅝	Sale	11⅛ Dec 31	12⅜ Dec 26	9¾ July 9	19¾ Mar 9
231,700	2,203,100	National Petroleum Ltd	25c	2⅛	Sale	2¾	Sale	2	Sale	1⅛ Dec 19	3 1/16 Dec 10	1 1/16 Oct 24	4 Apr 9
6,400	63,600	Nat Presto Industries Inc	2	21½	Sale	14⅞	Sale	15½	Sale	14⅝ Dec 3	15½ Dec 20	13¼ Oct 25	22¼ Jan 17
19,800	238,900	National Research Corp	1	24¾	Sale	18	Sale	17⅞	Sale	17 Dec 11	19⅞ Dec 4	12⅛ Jun 25	27¼ Feb 8
14,100	71,400	National Rolling Mills Co	1	--	--	7⅜	Sale	5½	Sale	5½ Dec 31	7⅜ Dec 3	5 Oct 22	9⅛ Aug 30
25,300	220,200	Natl Rubber Mach	10	22	22¾	46½	Sale	50	Sale	45⅞ Dec 3	55½ Dec 10	22 Jan 11	59¾ July 20
28,400	306,400	Nat Telefilm Associates	10c	2	Sale	1/16	Sale	⅝	Sale	⅝ Dec 17	1/16 Dec 3	⅝ Dec 17	2¾ Jan 9
1,200	42,750	National Transit Co	1	3¼	3⅜	4⅛	4⅜	3¾	Sale	3¾ Dec 27	4⅛ Dec 4	3¼ Jan 18	5 Nov 13
17,000	197,800	Natl Union Elec Corp	30c	2⅝	Sale	2⅜	Sale	2⅛	Sale	2⅛ Dec 21	2½ Dec 3	2 Apr 27	3½ Feb 8
43,100	546,200	National Video class A	50c	14⅝	Sale	7¼	Sale	6¾	Sale	6¼ Dec 31	7¾ Dec 10	6 Oct 24	16¼ Feb 8
4,700	122,700	Nedick's Stores Inc	20c	11⅝	Sale	9⅛	Sale	8⅞	Sale	8½ Dec 31	10 Dec 7	7½ Jun 28	12¾ Feb 5
5,600	41,000	Needham Packing Co Inc	*	--	--	8⅜	Sale	7⅜	Sale	7 Dec 28	8⅝ Dec 4	7 Dec 28	10⅝ Aug 22
4,900	74,000	Nelly Don Inc	2	19	Sale	12	Sale	10⅝	Sale	10⅝ Dec 31	12⅜ Dec 6	10¼ Nov 2	19 Jan 2
13,300	139,600	Nestle Le Mur Co	1	17	Sale	12¾	Sale	12½	Sale	12 Dec 3	13⅜ Dec 20	8¾ Jun 26	17⅞ Jan 2
96,900	827,400	New Idria Mining & Chemical Co	50c	1	Sale	⅝	Sale	⅝	Sale	2/16 Dec 5	¾ Dec 21	½ May 29	1¼ Jan 25
10,000	364,600	New Jersey Zinc	25	36	Sale	31¼	Sale	31⅝	Sale	29¼ Dec 7	31⅝ Dec 31	16⅜ Jun 25	36 Jan 2
13,900	625,600	New Mexico & Ariz Land	1	11⅜	Sale	10¾	Sale	10	Sale	9⅞ Dec 21	11⅞ Dec 7	8⅜ Jun 26	13½ Feb 9
57,000	766,700	New Park Mining Co	1	2⅛	Sale	2⅝	Sale	2⅝	Sale	2¼ Dec 31	2¾ Dec 3	1⅜ Jun 13	2⅞ Oct 25
2,425	‡13,450	New Process Co	*	—	—	35⅞	Sale	38	Sale	35½ Dec 3	39½ Dec 7	‡28 Oct 24	42¼ Sep 17
2,900	42,300	N Y Auction Co	*	36¾	Sale	35	Sale	33½	34¼	34 Dec 20	36 Dec 4	29 Oct 22	39¼ Mar 12
5,530	52,540	N Y & Hond Rosario	3.33⅓	47	Sale	37¾	Sale	36¾	37½	36¾ Dec 20	40⅞ Dec 14	29½ May 29	47 Jan 2
80,800	441,300	Nickel Rim Mines Ltd	1	½	Sale	¼	Sale	1/16	Sale	¼ Dec 3	⅜ Dec 3	¼ Nov 26	2/16 Jan 2

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
35,800	680,250	Noma Corp	1	7⅞	Sale	6⅛	Sale	6⅜	Sale	6 Dec 31	7⅜ Dec 13	4½ Jan 25	9⅜ Feb 16
25,500	361,500	Noramco Inc	1.25	--	--	2⅜	Sale	2	Sale	1⅞ Dec 24	2½ Dec 3	1½ May 29	4 Apr 6
12,300	159,400	Norfolk Southern Ry Co	1	5¾	Sale	7¼	Sale	7¼	Sale	6¾ Dec 12	7½ Dec 21	4½ May 28	7⅝ Sep 7
11,800	52,000	North Amer Royalties Inc	1	2½	Sale	1⅞	2	1⅞	Sale	1½ Dec 18	1⅞ Dec 10	1½ Dec 18	3 Feb 13
56,200	462,900	North Canadian Oils Ltd	25	1⅛	Sale	1¼	Sale	1 1/16	Sale	1 Dec 28	1¼ Dec 3	1 May 29	2⅛ Jan 4
30,000	213,900	Northeast Airlines	1	4⅜	Sale	2⅝	Sale	2½	Sale	2½ Dec 28	3 Dec 4	2½ Jun 14	4⅝ Jan 5
750	4,470	North Pennsylvania RR	50	59¼	60¼	57	57½	57	Sale	56½ Dec 14	57¾ Dec 5	55 Jun 1	62 Jan 9
240	8,070	North Ind PS 4¼% pfd	100	88¼	Sale	93	Sale	93½	94½	93 Dec 3	94¼ Dec 27	88¼ Jan 2	94½ Nov 16
117,600	669,600	Nor Rankin Nickel Mines	1	½	Sale	¼	Sale	1/16	Sale	3/16 Dec 3	¼ Dec 3	1/16 Oct 15	⅝ Mar 8
10,400	117,000	Novo Industrial Corp	1	7¾	Sale	6¼	Sale	5⅝	Sale	5⅝ Dec 20	6⅜ Dec 4	5¼ Oct 26	10⅜ Apr 11
135,300	1,324,300	Nuclear Corp of Amer	10c	3⅞	Sale	2¼	Sale	2	Sale	2 Dec 31	2¾ Dec 5	2 May 28	4⅛ Mar 7
11,300	175,100	Oak Manufacturing Co	1	15⅛	Sale	13¼	Sale	13⅜	Sale	12¼ Dec 17	13½ Dec 27	12⅛ Oct 24	19¾ Feb 28
241,300	4,047,500	Occidental Petroleum	20c	25	Sale	24⅜	Sale	20⅝	Sale	20¼ Dec 21	24⅜ Dec 3	12½ May 28	26⅞ Feb 15
121,200	1,053,000	Ogden Corp	50c	9⅜	Sale	6	Sale	4⅞	Sale	4⅝ Dec 18	6 Dec 3	4⅛ Oct 24	11¾ Feb 15
3,300	52,300	Ohio Brass Co	1	26	Sale	24⅛	Sale	23⅛	Sale	23 Dec 28	24¼ Dec 3	20⅞ Oct 26	29 Jan 5
690	8,810	Ohio Power 4½% pfd	100	94½	Sale	98½	Sale	97¾	98½	97¾ Dec 10	98⅝ Dec 7	93⅜ Aug 1	99 Nov 2
7,300	259,400	Old Town Corp common	1	13¾	Sale	12⅜	Sale	11	Sale	11 Dec 27	12½ Dec 14	7¾ May 29	17½ Mar 13
5,600	123,100	40c cum preferred	7	3⅞	Sale	5⅛	Sale	5¼	Sale	5 Dec 5	5⅜ Dec 12	3¾ May 29	5¾ Feb 20
3,000	44,740	O'okiep Copper Co Ltd— American shares	10c	60¼	60¾	51⅜	Sale	50¼	Sale	49¼ Dec 18	53 Dec 6	45⅝ Oct 22	64¾ Apr 24
6,800	89,600	O'Sullivan Rubber Corp	1	6⅜	Sale	6¾	7	7⅛	Sale	6⅞ Dec 4	7¾ Dec 12	4¾ May 29	7¾ Dec 12
2,400	20,000	Overseas Securities Co	1	14	14½	12½	Sale	10¾	Sale	10¼ Dec 27	13¼ Dec 6	10 Nov 1	15⅛ Jan 24
5,000	77,200	Oxford Electric Corp	1	4¾	Sale	3⅛	Sale	3½	Sale	3½ Dec 31	4⅛ Dec 19	3¼ May 29	6 Feb 19
13,300	130,600	Oxford Mfg Co class A	1	28½	Sale	28⅞	Sale	31⅝	Sale	28¼ Dec 4	32 Dec 17	19½ Jun 25	33⅜ Feb 19
1,600	44,200	Pacific Clay Products	8	42	42½	28⅜	29	26	Sale	25⅞ Dec 20	28½ Dec 5	22¼ Sep 6	43 Jan 4
21,600	154,800	Pacific Coast Co common	1	--	--	9⅞	Sale	9¾	Sale	9½ Dec 7	10½ Dec 26	8½ Jun 14	13⅞ Apr 25
450	3,026	5% conv preferred	25	--	--	18¾	19½	19⅛	20	18⅜ Dec 21	19½ Dec 26	17¼ Oct 2	21 May 8
----	6,900	6% conv 2nd pfd A	25	--	--	19	19¾	18⅝	19¾	-- ------	-- ------	18 Jun 21	21 May 4
21,300	62,900	Pacific Coast Props Inc	1	--	--	7⅜	Sale	7⅜	Sale	7 Dec 10	7⅝ Dec 5	6¾ Oct 26	8⅞ Sep 18
12,200	185,400	Pacific G&E 6% 1st pfd	25	31½	Sale	32½	Sale	33⅜	Sale	32⅜ Dec 3	33½ Dec 5	31 Jun 4	33½ Oct 8
4,200	50,200	5½% 1st preferred	25	27⅝	Sale	29¼	Sale	29⅛	29⅜	28⅝ Dec 4	29⅜ Dec 13	27½ July 27	29¾ Feb 13
1,300	28,200	5% 1st preferred	25	26	Sale	26¾	27¼	27¼	Sale	26⅞ Dec 6	27¼ Dec 19	25½ Jan 4	28½ May 21
5,300	95,500	5% red 1st preferred	25	25½	Sale	26¾	Sale	27	27¼	26¾ Dec 3	27⅛ Dec 4	25¼ Jan 2	27⅜ Apr 23
2,100	39,900	5% red 1st preferred A	25	25¾	Sale	27	27¾	27	27¼	27 Dec 21	27⅜ Dec 13	25½ Jan 3	27½ Oct 15
2,000	36,600	4.80% red 1st preferred	25	24¾	Sale	26¼	Sale	27	Sale	26⅛ Dec 7	27 Dec 19	24½ Jan 3	27 Dec 19
1,400	25,700	4.50% red 1st preferred	25	23	23¼	24⅞	25¼	25⅛	Sale	24¾ Dec 31	25¼ Dec 6	22⅞ Jan 9	25⅜ Nov 23
900	33,400	4.36% red 1st preferred	25	22⅛	22⅝	24	Sale	24⅛	Sale	24 Dec 3	24½ Dec 13	22¼ July 31	24¾ Mar 30
33,000	264,200	Pacific Industries Inc	2	9	Sale	4⅞	Sale	3⅞	Sale	3⅞ Dec 31	4⅞ Dec 3	2⅞ May 29	10⅜ Feb 1
1,590	20,050	Pacific Lighting $4.50 pfd	*	91¼	Sale	99⅞	100⅜	99⅝	Sale	99½ Dec 17	100½ Dec 4	91¼ Jan 2	100½ Dec 4
310	5,810	$4.40 div cum pfd	*	92	92½	96	97	--	--	96 Dec 4	97 Dec 20	90 Jan 22	97 Dec 20
290	9,970	$4.75 div preferred	*	97	97¾	--	--	102	102¼	101½ Dec 18	103¼ Dec 11	97¾ Jan 3	103¼ May 7
60	5,100	Conv $4.75 div pfd	*	154	Sale	149¾	153	156¾	162	151 Dec 10	158 Dec 27	130 Jun 22	158 Dec 27
470	11,200	$4.36 div preferred	*	88¾	Sale	95½	96¼	95	95¾	95 Dec 19	96¾ Dec 11	88⅜ Jan 2	96¾ Dec 11
15,500	329,200	Pacific Northern Airlnes	1	4	Sale	3⅛	Sale	3¼	Sale	2⅞ Dec 27	3⅜ Dec 3	2⅞ Oct 25	5¾ Mar 6
22,200	435,600	Pacific Northw't Bell Tel	11	35	Sale	23⅝	Sale	23¼	Sale	23⅛ Dec 19	24⅜ Dec 10	20½ May 29	35 Jan 2
145,900	2,912,700	Pacific Petroleums Ltd	1	14⅝	Sale	11⅞	Sale	11⅛	Sale	10¾ Dec 26	11⅞ Dec 3	9 May 29	17¼ Feb 7
13,200	262,900	Warrants		9⅝	Sale	6⅛	Sale	5⅞	Sale	5⅞ Dec 5	6¼ Dec 3	5¼ Oct 23	10¼ Feb 7
700	12,220	Pacific Pwr & Lt 5% pfd	100	104½	106	102½	Sale	103	Sale	102 Dec 6	104 Dec 19	100 Jan 22	106½ May 25
3,900	63,600	Packer's Super Markets	1	9⅞	Sale	4⅛	4⅜	3¾	Sale	3⅝ Dec 31	4⅛ Dec 4	3⅝ Dec 31	10 Mar 6
29,400	863,600	Paddington Corp cl A	50c	62	Sale	57¼	Sale	56⅛	Sale	53½ Dec 19	57⅝ Dec 4	36 May 29	66 Mar 28
13,600	160,900	Page-Hersey Tubes Ltd	*	23¾	Sale	18⅝	Sale	19⅝	Sale	17¾ Dec 19	20¾ Dec 20	15½ Oct 25	24¼ Jan 5
14,800	138,500	Pall Corp class A	1	48½	Sale	34½	Sale	36⅝	Sale	34¼ Dec 3	38¾ Dec 6	22⅛ Jun 22	53 Jan 4
119,900	728,800	Pancoastal Petroleum vtc 2B	1	1	Sale	½	Sale	½	Sale	7/16 Dec 19	11/16 Dec 4	⅜ Nov 8	1¼ Mar 2
25,900	53,100	Pantasote Co	1	--	--	3¼	Sale	3½	Sale	2¾ Dec 21	3½ Dec 31	2¾ Dec 21	5 Aug 28
76,000	554,400	Pantepec Oil (C A) Am shs		5/8	11/16	½	Sale	7/16	Sale	7/16 Dec 26	⅝ Dec 11	7/16 Dec 26	1⅜ Mar 5
2,800	27,400	Park Chemical Company	1	7⅞	Sale	5⅞	6⅛	5¾	Sale	5⅝ Dec 28	6⅛ Dec 11	5⅛ Jun 27	8¼ Mar 7
6,300	81,600	Park Electrochemical A	10c	10¾	Sale	7	Sale	8⅜	Sale	7 Dec 3	8¾ Dec 10	5¾ Jun 26	11½ Apr 16
700	19,500	Parker Pen Co class A	2	20½	21½	19⅝	20⅜	19¾	Sale	19¾ Dec 17	20½ Dec 10	17 Aug 24	24⅞ Feb 13
1,700	35,200	Class B	2	21¼	Sale	19⅞	Sale	19⅛	Sale	18¾ Dec 14	19⅞ Dec 3	17 May 29	23⅛ Apr 11
12,300	293,200	Parkersburg-Aetna Corp	1	9¼	Sale	9⅞	Sale	9	Sale	8⅞ Dec 31	9⅞ Dec 3	1¾ May 29	12¼ May 7
36,400	313,100	Pato Cons Gold Dredging	1	2½	2⅝	3	Sale	3⅛	Sale	2⅝ Dec 26	3⅞ Dec 14	2 1/16 Jan 5	4 Jun 12
500	15,900	Penn Traffic Co	2.50	9⅜	9⅞	7⅛	7⅝	7⅛	7½	7⅛ Dec 7	7½ Dec 4	7⅛ Dec 7	10 Jan 31
33,800	322,600	Pentron Electronics Corp	1	5	Sale	2¼	Sale	2	Sale	2 Dec 7	2¼ Dec 3	2 Oct 24	3⅛ May 14
6,600	76,700	Pep Boys (The)	1	24	Sale	12¾	Sale	11⅞	Sale	11 Dec 11	12¾ Dec 3	10⅜ Oct 25	24⅜ Jan 16
1,800	35,600	Pepperell Mfg Co (Mass)	20	80	81	70	71	71¾	Sale	70 Dec 4	71¾ Dec 31	68 Nov 5	88¼ Mar 9
2,800	28,500	Pepsi-Cola Bottling Co of Long Island Inc	25c	10½	Sale	9½	Sale	9⅝	9⅞	9½ Dec 3	10 Dec 5	8½ May 29	11¾ Apr 2
4,500	39,800	Perfect Circle Corp	2.50	30¾	31¾	27⅞	Sale	28⅞	Sale	27½ Dec 3	29 Dec 26	24¾ Jun 25	33¼ Mar 19
84,800	616,300	Perfect Photo	*	15⅞	Sale	5⅜	Sale	4⅞	Sale	4½ Dec 21	5½ Dec 3	4⅛ Oct 26	16⅞ Jan 12
76,500	911,500	Permian Corporation	10c	27⅜	Sale	12¾	Sale	12⅝	Sale	11½ Dec 13	13¼ Dec 4	9⅜ Oct 24	27¾ Jan 2
76,300	1,237,600	Peruvian Oils & Minerals	1	1⅛	Sale	1/16	Sale	¾	Sale	⅝ Dec 24	⅞ Dec 14	2/16 Nov 12	1⅛ Jan 17
16,400	644,900	Phillips-Eckardt Elec	1	6⅝	Sale	6⅜	Sale	5½	Sale	5½ Dec 14	6⅜ Dec 3	4⅛ May 29	8⅝ Feb 13
8,900	189,600	Phillips Electronics & Pharmaceutical Industries	5	37⅝	Sale	28⅞	Sale	25	Sale	24⅝ Dec 31	29⅜ Dec 5	19 Jan 27	39½ Mar 15
1,600	47,800	Philippine Long Dist Tel	5	5	Sale	4	4¼	3¾	4⅛	3¾ Dec 26	4 Dec 4	3⅝ July 11	5¼ Feb 13
4,200	137,100	Phillips Screw Company	10c	3¾	Sale	3⅞	Sale	3¾	Sale	3⅝ Dec 10	3⅞ Dec 3	3½ Oct 23	6¼ May 22
36,600	302,000	Phoenix Steel Corp (Del)	4	13⅛	Sale	11½	Sale	11⅜	Sale	9⅝ Dec 17	11¾ Dec 3	5½ Jun 26	13⅛ Jan 2
5,600	98,600	Piasecki Aircraft Corp	1	7½	7⅞	6⅜	6⅝	6¼	Sale	5⅞ Dec 28	6¾ Dec 5	5¾ Jun 25	8⅝ Mar 12
10,300	128,600	Pierce Industries Inc	1	9⅝	Sale	7¾	Sale	7¼	Sale	6¾ Dec 28	8⅛ Dec 6	6¾ Dec 28	10⅜ Mar 16
6,900	75,300	Pioneer Plastics Corp	1	11½	Sale	10½	Sale	9½	Sale	9 Dec 24	11 Dec 5	8¼ May 29	12⅝ Feb 15
1,550	18,210	Pitts & Lake Erie RR	50	103	Sale	102½	Sale	105	Sale	102½ Dec 3	107 Dec 6	93⅜ Jun 26	109½ Mar 28
37,600	283,500	Pittsburgh Railways Co	*	14¼	Sale	20½	Sale	23	Sale	20 Dec 11	24¾ Dec 14	13¾ Feb 6	24¾ Dec 14
8,300	64,600	Plastic Materials & Polymers Inc	10c	8⅛	8⅝	4	Sale	3¼	Sale	3 Dec 31	4⅛ Dec 6	3 Dec 31	10¼ Jan 22
4,800	93,500	Plume & Atwood Mfg Co	*	9⅜	Sale	8⅝	8⅞	8⅜	Sale	8¼ Dec 21	8⅝ Dec 7	6⅜ Jun 25	13¾ Mar 15
1,000	11,700	Pneumatic Scale Corp	10	41	42	34	35¼	35¼	Sale	35¼ Dec 5	37 Dec 5	28½ Jun 22	44 Jan 23
61,000	581,500	Polarad Electronics	50c	12⅝	Sale	5½	Sale	4¼	Sale	4⅛ Dec 31	5⅞ Dec 5	3⅜ May 29	13½ Jan 4
3,400	42,400	Poloron Products class A	1	2	Sale	1⅝	Sale	1½	Sale	1½ Dec 3	1¾ Dec 3	1⅛ Oct 29	2⅞ Feb 1
8,100	115,700	Polycast (The) Corp	2.50	7	Sale	5⅛	Sale	4½	Sale	4½ Dec 28	5⅜ Dec 3	4 Jun 14	11 Feb 27
6,300	73,800	Polymer (The) Corp cl A	1	17½	Sale	13	13⅜	12⅞	Sale	12⅝ Dec 26	14 Dec 14	11½ Oct 23	19½ Jan 12
400	13,000	Powdrell & Alex'er (Del)	2½	11½	12	8½	9	9¼	10	9 Dec 7	9½ Dec 26	7⅝ Oct 23	12½ Mar 9
4,480	63,345	Power Corp of Canada	*	59	59⅞	69	Sale	80½	Sale	69 Dec 3	80½ Dec 31	38¾ Jun 26	80½ Dec 31
28,800	273,900	Prairie Oil Royalties Ltd	1	2 1/16	Sale	2⅜	Sale	2⅝	Sale	2 5/16 Dec 4	2 13/16 Dec 24	1 7/16 Jun 26	3 Oct 15
1,850	‡16,100	Pratt & Lambert	*	--	--	30½	30¾	30¼	Sale	30 Dec 5	30¾ Dec 4	‡28⅜ Oct 30	38¼ Apr 19
12,100	51,900	Precision Microwave Corp	1	--	--	--	--	2⅜	Sale	2 Dec 28	3⅛ Dec 24	2 Dec 28	9 Jan 23
1,500	58,100	Precisionware Inc	1	8⅜	Sale	4⅛	Sale	3⅛	Sale	3 Dec 28	4⅛ Dec 3	3 Dec 28	9½ Jan 10
22,000	268,800	Prentice-Hall Inc	66⅔c	41½	Sale	33	Sale	34½	Sale	32 Dec 3	34½ Dec 27	23½ Jun 25	43 Mar 14
3,900	‡60,000	Presidential Realty— Class A	10c	--	--	8⅝	Sale	8	8⅜	8 Dec 5	8¾ Dec 4	‡8 Jun 22	13½ Apr 23
19,100	‡103,550	Class B	10c	--	--	8¾	8⅞	8⅛	Sale	8 Dec 5	8¾ Dec 4	‡7¾ Oct 24	13½ Apr 24
18,300	148,700	Preston Mines Ltd	*	5¾	Sale	5⅞	Sale	6¼	Sale	5¾ Dec 4	6 11/16 Dec 19	4⅞ Jun 14	6 11/16 Dec 19
25,800	308,000	Proctor-Silex (The) Corp	1	7½	Sale	4¼	Sale	3⅝	Sale	3⅝ Dec 17	4¼ Dec 3	3½ Oct 23	8⅜ Mar 13
20,600	206,000	Progress Mfg Company Inc	1	16¾	Sale	11½	Sale	10⅛	Sale	9⅜ Dec 10	11½ Dec 3	7⅛ Oct 25	17 Jan 2
300	14,600	$1.25 conv preferred	20	22½	23	20¼	22¼	21	Sale	20¾ Dec 28	21 Dec 31	20 Aug 31	22⅞ Feb 8
6,700	76,000	Prophet (The) Company	1	24¼	Sale	25	Sale	24	Sale	23½ Dec 18	27 Dec 7	18⅛ May 29	27 Dec 7
2,900	68,700	Providence Gas Co	*	12⅞	Sale	12¼	Sale	12⅜	Sale	12⅛ Dec 13	12½ Dec 14	10⅝ May 29	13 Jan 2
550	8,835	Public Service of Colorado— 4¼% cum preferred	100	89	Sale	93½	Sale	93½	95	92½ Dec 4	94¾ Dec 28	87 July 3	95 Oct 8
5,100	49,300	Puerto Rico Telephone	20c	71¼	72¾	49	50	49½	Sale	48 Dec 5	51 Dec 7	45⅛ Oct 24	74½ Mar 20
5,000	57,600	Puritan Sportswear Corp	*	20½	Sale	10½	Sale	9¼	Sale	9 Dec 27	11 Dec 3	8⅞ Oct 25	21⅞ Jan 4
71,300	378,400	Pyle-National Co	5	17⅝	Sale	22	Sale	26	Sale	22 Dec 3	26⅜ Dec 20	13½ Jun 25	26⅜ Dec 20
19,900	121,700	Quebec Lithium Corp	1	4⅝	Sale	2¼	Sale	2⅜	Sale	2⅛ Dec 7	2 7/16 Dec 18	2⅛ Dec 7	4 11/16 Jan 17
1,075	13,215	Quebec Power Company	*	34½	36⅞	29	Sale	33	34	28⅝ Dec 7	29½ Dec 17	25 Jun 18	34 Feb 8

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
49,400	107,800	Radiation Inc	25c	—	—	7⅝	Sale	8½	Sale	7½ Dec 3	10¾ Dec 7	6⅜ Oct 24	10¾ Dec 7
2,400	10,600	Ramco Enterprises Inc	*	14½	15	10½	Sale	10⅜	Sale	10⅜ Dec 31	12¼ Dec 5	10⅜ Dec 31	14¾ Feb 15
41,500	359,700	Ramer Industries Inc	20c	--	--	7⅞	Sale	8¾	Sale	7¾ Dec 4	9 Dec 7	4 May 29	9⅜ Sep 12
14,200	29,300	Ramo Inc class A	1	--	—	6	Sale	6¾	Sale	6 Dec 3	7¼ Dec 7	4⅜ July 12	7½ Feb 12
32,600	482,600	Rapid American Corp	1	32⅛	Sale	19¾	Sale	18	Sale	18 Dec 19	20⅛ Dec 6	18 Dec 19	37½ Feb 12
26,400	168,700	Rath Packing Co	10	16⅛	Sale	11¼	Sale	11⅛	Sale	11 Dec 28	12¼ Dec 7	10 Jun 14	18½ Feb 19
11,800	522,300	Rayette Inc	40c	18½	Sale	23¼	Sale	23¼	Sale	22⅝ Dec 18	25½ Dec 5	15 May 29	31¼ Aug 15
9,600	168,100	Real Estate Investment Trust of America	1	23¾	Sale	20½	Sale	20⅛	Sale	19¾ Dec 6	20⅞ Dec 4	15¼ May 29	24⅞ Jan 16
27,900	342,700	Real Properties Corp of America class A	1	13⅝	Sale	9⅞	Sale	9⅛	Sale	8½ Dec 10	10 Dec 4	8½ Dec 10	15⅞ Feb 19
6,700	1,003,700	Realty Equities of N Y	1	7	Sale	7½	Sale	7¼	7½	7⅛ Dec 17	7⅝ Dec 4	5¼ May 29	7⅝ Nov 30
9,000	99,500	Warrants		--	—	2	Sale	1⅝	1¾	1¾ Dec 6	2¼ Dec 5	1⅛ Aug 28	2¾ Mar 8
500	17,200	Reda Pump Company	1	22¾	Sale	27	Sale	27¼	28½	27 Dec 3	28½ Dec 3	20¼ Jun 27	32¾ Nov 14
24,000	150,100	Reeves Broadcasting & Development Corp	1	4⅝	Sale	2½	Sale	2¼	Sale	2⅛ Dec 21	2⅞ Dec 7	2 Oct 19	5⅛ Jan 15
102,100	901,300	Reeves Soundcraft Corp	5c	6½	Sale	3⅜	Sale	3¼	Sale	3 Dec 31	4¼ Dec 7	2½ May 29	7½ Jan 4
64,100	1,066,600	Reinsurance Investment	1	4	Sale	4⅜	Sale	4⅜	Sale	3¾ Dec 18	4½ Dec 31	2¾ May 29	5⅜ Apr 19
30,000	407,800	Reis (Robert) & Co	1	1¼	Sale	1/16	Sale	½	Sale	½ Dec 31	¾ Dec 10	½ Dec 31	1⅝ Jan 12
27,410	241,676	Reliance Insurance Co	10	72½	Sale	70½	Sale	72⅜	Sale	70½ Dec 3	75⅝ Dec 6	56⅜ May 29	84½ Mar 29
14,400	186,500	Remington Arms Co Inc	1	11½	Sale	10⅞	Sale	11¼	Sale	10⅝ Dec 19	11¼ Dec 6	9⅞ Jun 26	12⅞ Apr 3
2,000	39,900	Republic Foil Inc	1	22	Sale	16½	Sale	16	Sale	15⅜ Dec 27	17¼ Dec 5	10½ Oct 25	23¼ Jan 3
26,500	252,600	Republic Industrial Corp	1	4¾	Sale	4	Sale	3⅝	Sale	3¼ Dec 24	4 Dec 3	3⅛ Jun 26	5⅜ Feb 2
14,000	147,800	Republic-Transcon Indus	*	5¾	Sale	4⅝	Sale	4¼	Sale	3¾ Dec 26	4¾ Dec 31	3½ Oct 25	8 Feb 14
11,000	150,200	Resistoflex Corp	1	16¼	Sale	15½	Sale	14¼	Sale	13⅝ Dec 21	16⅛ Dec 5	10¾ Jun 25	20¾ Mar 15
10,000	158,700	Restaurant Assoc't's Inc	10c	14⅜	Sale	9⅛	Sale	8⅝	Sale	8⅝ Dec 18	9¼ Dec 13	6½ May 28	16⅞ Mar 21
1,700	22,800	Rico Argentine Mining	50c	3	Sale	1¾	1⅞	1¾	Sale	1¾ Dec 6	1¾ Dec 6	1¾ Nov 7	3⅜ Jan 25
700	16,800	Ridgeway Corp	1	8	8½	6⅝	7	6¾	Sale	6¼ Dec 28	6¾ Dec 31	6⅛ Oct 30	8½ Sep 20
43,700	438,700	Rio Algom Mines Ltd	*	9¼	Sale	9 1/16	Sale	10⅝	Sale	9 11/16 Dec 3	10¾ Dec 24	7½ Jun 25	10¾ Dec 24
48,700	426,500	Warrants series A		½	Sale	⅜	Sale	5/16	Sale	5/16 Dec 3	7/16 Dec 11	5/16 May 29	1 9/16 Jan 5
28,700	403,700	Rio Grande Valley Gas— Vtc extended	1	7⅝	Sale	5	Sale	4⅞	Sale	4¾ Dec 11	5 Dec 3	4⅝ Nov 14	9½ Feb 1
17,600	113,600	Ritter Finance Co Inc— Class B common	1	7⅝	7⅞	4⅞	Sale	4⅞	Sale	4¼ Dec 18	4⅞ Dec 3	4¼ Dec 18	7⅞ Jan 3
23,200	226,900	Robinson Technical Prod	20c	19⅛	Sale	9⅜	Sale	8⅝	Sale	8⅜ Dec 19	10½ Dec 5	7⅝ Oct 24	19¼ Jan 2
400	12,380	Rochester Gas & Electric— 4% preferred F	100	84	Sale	86	Sale	85	86	84⅝ Dec 21	86 Dec 3	82⅛ Jun 18	86¾ Nov 30
6,900	60,700	Rodney Metals Inc	1	11¼	Sale	4⅝	Sale	4⅛	Sale	4⅛ Dec 24	4¾ Dec 3	4 Oct 23	13¼ Jan 5
7,700	78,200	Rogers Corporation	*	20¾	Sale	15	Sale	11⅞	Sale	11¾ Dec 31	15½ Dec 3	11⅛ Jun 22	26⅞ Mar 15
4,000	44,200	Rollins Broadcasting Inc	1	11⅞	Sale	13⅜	13¾	14⅜	Sale	13⅜ Dec 4	14¾ Dec 31	10¼ Jun 25	14¾ Dec 31
4,000	27,500	Rolls-Royce Ltd— American dep rcts reg	£1	5⅜	5½	4 1/16	Sale	3½	3⅞	3 15/16 Dec 24	4 1/16 Dec 3	3⅜ July 25	5 1/16 Feb 2
5,500	156,200	Roosevelt Field Inc	1.50	6⅞	Sale	5¾	Sale	5⅛	Sale	4½ Dec 24	5¾ Dec 3	4½ Dec 24	10⅝ Jan 22
46,000	535,300	Roosevelt Raceway Inc	30c	4⅝	Sale	3⅞	Sale	3⅞	Sale	3¾ Dec 19	4⅛ Dec 7	3⅝ Oct 23	5¼ Mar 15
12,700	23,700	Rosenau Brothers Inc	1	--	--	--	--	7⅜	Sale	7 Dec 11	8⅛ Dec 5	7 Oct 24	9 Oct 9
17,600	267,300	Ross Products Inc	1	12⅞	Sale	5	Sale	4⅛	Sale	3⅞ Dec 28	5 Dec 3	3⅞ Dec 28	18⅛ Jan 24
7,300	56,500	Rowland Products Inc	5	29½	Sale	10⅝	11	8⅜	Sale	8⅛ Dec 28	10⅝ Dec 11	8⅛ Dec 28	30¼ Jan 5
9,400	88,300	Roxbury Carpet Co	1	9½	Sale	10¾	Sale	11	Sale	10⅜ Dec 21	11½ Dec 12	8¼ Jun 28	12½ Mar 22
18,600	388,300	Royal American Corp	50c	4	Sale	2⅜	Sale	2⅛	Sale	1⅞ Dec 19	2½ Dec 3	1½ Nov 2	5⅜ Jan 12
8,300	170,500	Royal School Laboratories	1c	13	Sale	9⅝	Sale	12	Sale	9⅝ Dec 3	13 Dec 17	7⅛ May 29	15⅞ Mar 22
38,600	1,475,300	Royalite Oil Co Ltd	*	11⅞	Sale	13⅞	Sale	13¾	Sale	13⅛ Dec 19	14⅜ Dec 5	7⅜ Jun 25	15¼ Feb 16
36,500	620,900	Rusco Industries	1	6⅞	Sale	3⅞	Sale	3½	Sale	3⅜ Dec 31	3⅞ Dec 3	3⅜ Dec 31	7¾ Jan 5
32,800	502,600	Russeks Fifth Ave Inc	50c	5	Sale	2⅜	Sale	2⅛	Sale	2⅛ Dec 13	2⅝ Dec 6	1¾ Jun 18	5 Jan 2
26,800	26,800	Russ Togs Inc class A	1	--	--	--	--	15⅛	Sale	13⅞ Dec 19	15⅛ Dec 21	13⅞ Dec 19	15⅛ Dec 21
25,500	166,300	Ryan Consol Petroleum	1	2¾	Sale	3¼	Sale	3	Sale	3 Dec 24	4½ Dec 10	2⅜ Oct 24	4¾ July 30
4,200	48,000	Ryerson & Haynes	1	4¼	Sale	3⅞	4	3½	Sale	3½ Dec 11	4 Dec 4	2⅝ May 29	4⅜ Jan 3
5,600	60,100	St Lawrence Corp Ltd	*	21⅜	Sale	20⅝	21	20⅝	20⅞	20⅝ Dec 4	20¾ Dec 26	20¼ Jun 15	21⅞ Apr 23
11,300	152,300	Salem-Brosius Inc	2.50	4½	Sale	3⅜	Sale	2⅝	Sale	2⅝ Dec 28	3¾ Dec 5	1⅝ Oct 23	4¾ Jan 8
1,500	‡4,600	San Carlos Milling Co Ltd	16 pesos	--	--	7⅛	Sale	7¼	7½	‡7⅛ Dec 3	7⅜ Dec 20	6 Nov 19	8 Oct 12
1,100	18,300	San Diego Gas & Elec Co— Cum pfd 5% series	20	20½	21½	21⅛	21⅞	21⅞	22	21⅜ Dec 11	22¼ Dec 27	20½ Aug 2	22¾ Aug 28
400	8,300	Cum pfd 4½% series	20	18¼	19	18¾	19¾	19¼	20	19½ Dec 13	19¾ Dec 28	18⅛ Jan 3	20 Apr 24
300	4,400	Cum pfd 4.40% series	20	18½	19	19	19½	19¼	20	19 Dec 11	19½ Dec 14	18¾ Jan 16	20 Mar 20
2,800	26,100	5.60% preferred	20	22	22½	22	22⅛	21½	21¾	21¼ Dec 26	22⅜ Dec 4	21⅛ Aug 9	23½ Jun 5
3,700	168,700	Sarcee Petroleums Ltd	50c	1	Sale	⅞	Sale	15/16	Sale	⅞ Dec 3	1 Dec 14	1/16 Jun 26	1 1/16 Feb 7
5,400	40,300	Savage Arms Corp	*	7	Sale	5⅛	Sale	4⅝	Sale	4½ Dec 24	5½ Dec 5	4 Oct 3	7⅛ Jan 4
2,200	95,200	Savoy Industries Inc	25c	9	9½	8	Sale	8¼	Sale	8 Dec 3	7⅜ Dec 3	6½ Oct 23	11¾ Feb 15
6,000	96,300	Saxon Paper Corp com	25c	9½	Sale	5¾	Sale	5⅛	Sale	5 Dec 28	6 Dec 5	4¾ Oct 23	9¾ Jan 3
4,000	8,700	6% cu conv preferred	10	--	—	10	Sale	9⅝	Sale	9½ Dec 7	10 Dec 3	9½ Dec 7	10½ Nov 29
19,000	197,000	Sayre & Fisher Co	1	5¾	Sale	4⅛	Sale	3⅞	Sale	3⅝ Dec 17	4⅜ Dec 4	3 May 29	7⅜ Jan 26
8,600	123,000	Screen Gems Inc	1	22½	23	17	Sale	17½	Sale	16¾ Dec 3	18¾ Dec 20	13 May 29	22¾ Feb 13
79,600	780,500	Scurry-Rainbow Oil Ltd	3.50	6¾	Sale	10¼	Sale	9½	Sale	9⅛ Dec 26	11¼ Dec 10	6⅛ May 29	11¼ Dec 10
7,400	37,600	Seaboard Allied Mill'g Cp	1	6¾	Sale	6⅛	Sale	6¼	Sale	5⅞ Dec 4	6½ Dec 14	5⅞ Dec 4	8⅝ Mar 15
10,600	80,800	Seaboard Plywood & Lum	1	4¼	Sale	2⅞	Sale	2⅞	Sale	2⅞ Dec 3	3⅛ Dec 7	2⅞ Oct 22	5⅞ Mar 7
339,500	2,576,200	Seaboard World Airlines	3	4¾	Sale	5⅜	Sale	5¾	Sale	5¼ Dec 3	6⅛ Dec 13	2⅞ May 29	6⅛ Dec 13
19,000	186,300	Sealectro Corp	25c	--	--	7⅜	Sale	6¾	Sale	6¼ Dec 20	7¾ Dec 6	5⅛ Jun 22	10½ May 9
36,400	310,600	Security Freehold Petrol	*	4⅞	Sale	6¼	6⅞	6½	Sale	6 Dec 24	6½ Dec 7	3⅞ May 29	6 1/16 Oct 15
81,300	1,176,500	Seeburg (The) Corp	1	25¾	Sale	15	Sale	13	Sale	12¾ Dec 18	15¼ Dec 5	10⅛ May 29	26½ Jan 2
92,700	643,100	Seeman Bros	3	37⅝	Sale	10½	Sale	9⅝	Sale	9⅜ Dec 31	11¾ Dec 17	7¾ Oct 23	37⅝ Jan 2
10,500	114,700	Seligman & Latz Inc	1	21	Sale	13¾	Sale	13¼	Sale	12¾ Dec 28	14 Dec 5	11⅜ Oct 24	24⅜ Mar 15
23,100	273,700	Servo Corp of America	1	9	Sale	5	Sale	4¼	Sale	4⅛ Dec 28	5⅛ Dec 5	3½ May 29	9½ Mar 1
21,300	191,000	Servomechanisms Inc	20c	8⅞	Sale	4¾	Sale	4	Sale	4 Dec 27	5⅛ Dec 12	3½ Oct 24	10⅛ Jan 5
1,900	23,460	Seton Leather	*	15½	Sale	11¾	Sale	11¼	Sale	10¾ Dec 6	13 Dec 13	9½ May 29	16 Jan 2
15,800	172,500	Shattuck Denn Mining	5	7	Sale	5⅛	5⅜	5	Sale	4⅞ Dec 18	5½ Dec 5	4⅞ Dec 18	8⅝ Mar 15
190,000	1,225,300	Shawinigan Water & Pwr	*	25⅜	Sale	23	Sale	27⅝	Sale	22½ Dec 6	27¾ Dec 31	18 Jun 26	27¾ Dec 31
14,300	217,400	Sherwin-Williams Co	12.50	116	Sale	80	82¼	79¾	Sale	78½ Dec 14	86⅛ Dec 4	73¼ Oct 12	119½ Jan 31
310	1,980	4% preferred	100	95¼	Sale	94½	96	94¾	Sale	94¾ Dec 31	96 Dec 5	92 Aug 14	98½ Jan 8
825	2,670	Sherwin-Williams of Can	*	30	Sale	21¼	22½	22	Sale	21 Dec 28	22¼ Dec 18	21 Oct 26	30⅝ Feb 19
50,200	793,300	Siboney-Caribbean Pet	10c	1/16	Sale	¼	Sale	¼	Sale	¼ Dec 4	5/16 Dec 3	¼ Jun 21	¾ Jan 11
253,100	2,073,200	Signal Oil & Gas class A	2	23	Sale	27⅜	Sale	26½	Sale	24⅝ Dec 11	28⅝ Dec 17	19⅛ May 29	31 Feb 9
525	7,233	Class B	2	25	Sale	26	28	27	Sale	26 Dec 7	28¼ Dec 24	20 May 29	32 Feb 12
12,000	148,500	Silicon Transistor Corp	20c	6¾	Sale	4¾	Sale	4⅝	Sale	4 Dec 28	4¾ Dec 3	4 Dec 28	7¼ Apr 9
84,800	1,054,900	Silver Creek Precision	10c	1¼	Sale	1⅛	Sale	5/32	Sale	3/16 Dec 28	1⅛ Dec 3	1/16 Oct 24	1⅝ Mar 13
88,700	752,600	Silver-Miller Mines Ltd	1	1/16	Sale	¼	Sale	3/16	Sale	3/16 Dec 13	5/16 Dec 13	3/16 Dec 13	½ Jan 3
12,400	101,100	Silvray Lighting Inc	25c	3	Sale	2⅛	Sale	1¾	Sale	1⅝ Dec 27	2⅛ Dec 3	1⅝ Dec 27	3½ Jan 5
1,200	125,600	Simca Automobiles— Amer dep receipts	100f	16	Sale	45½	Sale	44½	45½	44¾ Dec 18	45½ Dec 3	16 Jan 2	62¾ Apr 3
5,200	11,560	Simmons-Boardman Publish Corp $3 conv preferred	*	19	20	13½	Sale	14	Sale	13 Dec 10	14½ Dec 21	10⅞ Nov 19	19 Jan 9
1,600	84,600	Simpson's Ltd common	*	27⅞	Sale	27½	27¾	27½	Sale	27¼ Dec 18	28⅜ Dec 10	22½ Jun 26	30⅝ Mar 13
3,750	32,930	Sinclair Venezuelan Oil	1	50¾	51¼	44	Sale	41	Sale	39½ Dec 28	44 Dec 3	33½ July 2	51 Nov 26
1,000	26,400	Singer Mfg Ltd— Am dep rcts ord reg shs	£1	6¾	7	5⅞	6¼	5½	Sale	5½ Dec 31	6 Dec 17	5½ May 29	8 Jun 13
14,100	300,600	Slick Airways Inc	*	7⅞	Sale	6⅜	6½	6⅛	Sale	6⅛ Dec 27	6⅝ Dec 10	4⅞ May 29	9⅞ Feb 16
8,600	444,900	Sonotone Corp	1	9⅛	Sale	8½	Sale	7½	Sale	7¼ Dec 28	8½ Dec 3	6⅛ May 29	11⅝ Jan 15
26,600	272,600	Soss Manufacturing Co	1	14⅜	Sale	14¾	Sale	15⅞	Sale	14½ Dec 28	17⅛ Dec 14	11½ Oct 24	23 Mar 16
4,900	‡166,600	South Coast Corp	1	--	—	28½	29	28	Sale	26¼ Dec 24	29¼ Dec 5	‡22¼ Jun 25	41½ Mar 15
10,900	148,600	South Penn Oil Co	12½	31¾	Sale	32¼	Sale	31½	Sale	31 Dec 24	32⅞ Dec 14	29⅛ Jun 28	36⅛ Mar 9
1,800	‡17,380	Southern Calif Edison— 5% original pfd	8.33⅓	—	—	25½	27	29½	Sale	26¼ Dec 11	30¼ Dec 12	‡22¼ Jun 29	30¾ Apr 10
3,000	55,100	4.78% cum preferred	25	25	25⅝	26½	Sale	26½	26⅞	26⅜ Dec 11	26¾ Dec 27	25 Jan 3	27 Apr 17
400	1,500	4.56% conv preference	25	88	—	82¼	—	86¾	—	81 Dec 5	82¼ Dec 7	73½ July 24	87¾ Mar 21
700	9,400	4.48% conv preference	25	83	Sale	76½	81	80¾	Sale	76½ Dec 10	80¾ Dec 31	65 Jun 28	84¼ Apr 2
2,900	83,400	4.32% cum preferred	25	22⅛	Sale	24	Sale	24¼	Sale	23¾ Dec 5	24½ Dec 21	21⅝ Jun 29	24¾ Jun 18
1,700	25,900	4.24⅞ cum preferred	25	22	22½	23⅜	23¾	23⅝	Sale	23⅜ Dec 11	23⅞ Dec 19	21⅝ Aug 3	23⅞ Apr 6
5,100	19,100	4.08% preferred	25	21⅛	21¾	22¾	22⅞	22½	23¼	22½ Dec 4	23 Dec 11	21⅛ Jan 4	23⅛ May 7
5,800	178,700	Southern Calif Petroleum	2	17	Sale	18¼	Sale	17⅞	Sale	17⅛ Dec 13	18⅜ Dec 3	14 May 29	24 Feb 6
25,900	247,200	Southern Realty & Util	1	6⅝	7¼	3	Sale	2½	Sale	2⅜ Dec 28	3⅛ Dec 4	2⅜ Dec 28	11⅞ Feb 7
900	18,400	Southland Royalty Co	5	79½	81	75	76	74½	76½	74 Dec 13	76 Dec 26	72 Jun 26	86 Mar 23

For footnotes, see page 96.

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
7,800	89,700	Speed-O-Print Business Machines Corp	1	32½	Sale	13⅞	Sale	12	Sale	12 Dec 26	14⅛ Dec 7	11¾ Nov 29	32¾ Jan 2
13,700	113,700	Speedry Chem Prod cl A	50c	15½	Sale	6⅜	Sale	5¾	Sale	5½ Dec 28	6¾ Dec 10	5 Oct 24	15¾ Mar 9
11,600	160,700	Spencer Shoe Corp	1	25¾	Sale	11⅜	Sale	9¼	Sale	9¼ Dec 31	11¾ Dec 4	8⅞ Oct 26	28½ Jan 3
120,700	1,494,600	Sperry Rand Corp warrants		13⅜	Sale	8	Sale	7½	Sale	6⅝ Dec 18	8 Dec 3	4¼ May 29	14⅛ Feb 8
88,600	570,700	Sports Arenas Inc	1c	5⅛	Sale	1¾	Sale	1⅝	Sale	1⅛ Dec 28	1⅞ Dec 3	1⅛ Dec 28	6⅜ Jan 10
15,700	276,400	Standard Brands Paint	1	27	Sale	20⅛	Sale	19¼	Sale	18½ Dec 18	21½ Dec 5	14 May 29	32 Jan 22
9,100	119,100	Standard Dredging Corp	1	8⅛	Sale	8¼	Sale	7⅝	Sale	7⅝ Dec 24	9 Dec 6	7⅛ May 25	9⅞ Jan 29
400	10,820	$1.60 conv preferred	20	22½	22¾	23½	24	23¾	24	23⅝ Dec 19	24⅜ Dec 6	22½ Jan 5	24½ Sep 4
7,000	55,400	Standard Forgings Corp	1	13	Sale	12	Sale	13½	Sale	11½ Dec 20	13¾ Dec 28	10¼ Jun 26	14⅛ Apr 25
15,800	71,700	Standard Metals	3c	5	Sale	4	Sale	4	Sale	4 Dec 3	4¼ Dec 5	3¼ Jun 15	5⅛ Jan 3
5,900	122,100	Standard Products Co	1	13¼	13½	12⅞	13½	12½	Sale	12½ Dec 28	13½ Dec 4	9 Jun 25	16 Feb 1
6,000	81,600	Standard Shares Inc	1	30½	30⅞	28½	30	31	Sale	28¾ Dec 4	32¼ Dec 26	24½ Jun 26	34½ Apr 11
9,500	126,000	Standard-Thomson Corp	1	8⅛	Sale	6	Sale	5¾	Sale	5⅝ Dec 6	6¼ Dec 4	4¾ Oct 30	9¼ Feb 5
4,100	54,700	Standard Tube class B	1	5⅝	6	4⅝	Sale	3⅝	Sale	3⅝ Dec 27	4⅞ Dec 7	3⅛ Jun 25	6⅞ Feb 19
2,600	36,200	Stanley Aviation Corp	10c	8½	9	9	Sale	8¼	Sale	7⅝ Dec 28	9 Dec 3	6 May 29	11½ Mar 2
97,000	2,249,400	Stanrock Uranium Mines	1	2½	Sale	1	Sale	1/8	Sale	1/8 Dec 27	1 1/16 Dec 3	1/8 May 29	2¾ Jan 10
10,500	255,500	Star Industries Inc cl A	1	—	—	25	Sale	22	Sale	22 Dec 31	25 Dec 3	15 May 29	30½ Jan 12
48,900	626,900	Starrett (The) Corp	10c	4¼	Sale	2½	Sale	2⅜	Sale	2¼ Dec 26	2⅝ Dec 3	2¼ Dec 26	4⅞ Feb 20
800	30,600	50c div conv pfd	50c	12¾	Sale	11	11⅜	11⅛	Sale	11 Dec 11	11⅛ Dec 31	10⅞ Jun 25	14½ Feb 20
16,500	122,900	Statham Instruments Inc	1	18	Sale	10¼	Sale	9¼	Sale	8¼ Dec 19	10⅝ Dec 5	7¾ Jun 19	18 Jan 2
2,000	‡51,400	Steel Co of Canada Ltd	*	—	—	16⅜	16¾	16⅞	17¼	16¼ Dec 10	17⅛ Dec 19	‡14⅜ Jun 25	19¾ May 7
7,400	‡110,900	Steel Parts Corp	5	—	—	17⅜	Sale	17	Sale	17 Dec 21	19 Dec 5	‡12¾ Oct 23	24⅜ Apr 19
44,000	487,400	Stelma Incorporated	10c	20⅜	Sale	8⅝	Sale	7¾	Sale	7⅝ Dec 31	9¾ Dec 4	4⅞ May 28	20⅜ Jan 2
24,400	155,700	Stepan Chemical Co	1	30	Sale	17¼	Sale	19⅞	Sale	16½ Dec 4	20⅜ Dec 28	14 Jun 27	31¾ Feb 2
7,700	87,800	Stephan (The) Co	50c	20	Sale	13⅝	Sale	12⅜	Sale	11⅝ Dec 28	13¾ Dec 3	8⅛ Jun 27	22¼ Feb 14
3,500	43,800	Sterling Aluminum Prod	5	11¾	Sale	10½	10¾	10¼	Sale	10⅛ Dec 18	10⅝ Dec 10	10 Oct 22	13¼ Mar 12
1,800	12,800	Sterling Breweries Inc	1	18⅛	18½	17¾	Sale	16½	17¼	16¼ Dec 27	17¾ Dec 3	16¼ Dec 27	18⅞ Jan 5
107,200	793,100	Sterling Precision (Del)	10c	2¼	Sale	1½	Sale	1⅜	Sale	1¼ Dec 19	1⅝ Dec 3	1¼ Jun 25	2⅜ Jan 3
2,500	32,000	Stetson (John B)	*	34	35½	37	38	40¾	41½	36¾ Dec 14	41½ Dec 21	27½ May 29	41½ Dec 21
33,100	379,700	Stop & Shop Inc	1	41⅛	Sale	21½	Sale	19⅜	Sale	19⅛ Dec 12	21½ Dec 3	16⅝ Oct 24	41⅛ Jan 2
63,100	428,300	Strong Cobb Arner Inc	1	—	—	4¾	Sale	4	Sale	3¾ Dec 17	4¾ Dec 3	3½ Oct 24	11¾ Mar 26
44,900	378,800	Struthers Wells Corp	1	17	Sale	5½	Sale	5⅛	Sale	4⅝ Dec 28	5½ Dec 3	4 Oct 24	17¼ Jan 2
18,800	‡29,900	Stylon Corp new common	4	—	—	7	Sale	6¾	Sale	6⅜ Dec 27	7½ Dec 7	‡6 Nov 29	7⅞ Nov 5
9,550	83,050	Sunair Electronics Inc	10c	4⅝	Sale	2⅜	Sale	2	Sale	2 Dec 18	2½ Dec 21	2 Oct 30	5¾ Feb 13
65,500	1,079,700	Sunset Internat Petroleum	1	7⅞	Sale	6⅝	Sale	6⅜	Sale	6¼ Dec 28	7 Dec 4	5¼ May 29	8⅞ Mar 14
21,500	123,800	†Supercrete Ltd	25c	1	Sale	⅝	Sale	½	Sale	½ Dec 5	⅝ Dac 3	⅜ Nov 7	1⅛ Jan 3
16,400	47,400	Superior Window cl A	10c	2	2⅛	⅝	Sale	¾	Sale	½ Dec 4	⅞ Dec 5	½ Dec 4	2⅜ Jan 24
2,400	61,600	Supermarkets Operating	50c	30¾	Sale	13⅝	13⅞	12⅞	Sale	12½ Dec 28	14 Dec 4	12 Oct 24	30¾ Jan 2
14,800	165,400	Supronics Corp	25c	—	—	3⅜	Sale	2¾	Sale	2⅝ Dec 31	3½ Dec 5	2⅝ Dec 31	9⅜ Mar 6
8,600	28,200	Swanee Paper Corp	1	—	—	10	Sale	12	Sale	10 Dec 3	12⅜ Dec 14	8⅝ Oct 30	13½ Sep 14
20,000	294,400	Symington Wayne Corp wts		8⅝	Sale	6½	Sale	6⅛	Sale	6½ Dec 20	6⅞ Dec 12	4⅝ Oct 24	10 Feb 2
133,300	2,259,700	Syntex Corporation	2	37½	Sale	36¼	Sale	35½	Sale	34¼ Dec 24	39½ Dec 5	25 Oct 24	66 Mar 14
3,400	81,000	Talon Inc cl A common	5	34	Sale	32	Sale	32	32½	31¼ Dec 19	32⅞ Dec 5	24 Jun 26	36 Apr 25
3,300	84,400	Class B common	5	34⅜	Sale	31¼	Sale	32	Sale	30½ Dec 4	32¼ Dec 31	22 May 28	36 Apr 25
200	5,850	4% cumulative pfd	10	8¼	8¾	7¾	8¼	7¾	Sale	7¾ Dec 31	7¾ Dec 31	7⅛ July 25	8⅜ Mar 27
22,900	490,182	Tampa Electric Co	*	43½	Sale	41	Sale	42⅝	Sale	40 Dec 3	45½ Dec 20	28⅝ Jun 25	50¾ Apr 2
74,200	340,800	Taylor International	5	6⅜	Sale	1⅝	Sale	—	—	¾ Dec 20	1⅝ Dec 3	¾ Dec 20	6⅝ Jan 4
66,900	‡905,100	Technical Materiel	12½c	—	—	23½	Sale	25	Sale	22⅞ Dec 3	26½ Dec 12	‡12⅛ May 29	35⅜ Mar 21
26,500	493,700	Technical Operations Inc	*	49¼	Sale	21¼	Sale	20	Sale	18⅞ Dec 31	24½ Dec 5	14⅝ Oct 24	53⅞ Mar 16
122,800	2,166,400	Technicolor Inc	1	26⅝	Sale	9⅞	Sale	8¾	Sale	8⅛ Dec 18	10 Dec 4	6½ Oct 23	26⅝ Jan 2
21,300	313,300	Tel-A-Sign Inc	20c	4¼	Sale	2½	Sale	2⅛	Sale	2⅛ Dec 21	2⅞ Dec 10	2⅛ Oct 25	4⅝ Jan 2
20,100	217,400	Telectro Industries	10c	4⅜	Sale	2⅝	Sale	2⅛	Sale	2⅛ Dec 21	2¾ Dec 3	2⅛ May 28	4⅝ Jan 2
22,800	306,600	TelePrompTer Corp	1	15⅝	Sale	7¼	Sale	5¼	Sale	5 Dec 31	7¼ Dec 3	4¼ Oct 24	16⅞ Jan 10
116,600	1,238,900	Teleregister Corp	*	13⅞	Sale	6⅛	Sale	4½	Sale	4¼ Dec 31	6¼ Dec 4	3⅜ Oct 24	14⅛ Mar 9
12,600	121,100	Warrants		8½	Sale	3	Sale	2¼	Sale	2⅛ Dec 18	3¼ Dec 4	1½ Jun 25	8½ Jan 2
19,400	219,900	Television Industries	1	2⅞	Sale	2⅝	Sale	2½	Sale	2⅛ Dec 21	2⅝ Dec 3	1⅛ May 29	3 Jan 3
11,400	134,300	Tenney Engineering Inc	10c	7	Sale	4¼	Sale	3½	Sale	3⅜ Dec 26	4⅜ Dec 4	3⅜ Dec 26	7⅝ Jan 5
73,000	365,400	Term-Hudson Electronics	25c	7⅞	Sale	7¼	Sale	7½	Sale	6¾ Dec 10	8 Dec 5	4¼ May 29	9¾ Feb 2
95,100	391,000	Texam Oil Corp	1	1¼	Sale	½	Sale	1/8	Sale	1/8 Dec 21	½ Dec 3	1/8 Dec 21	1¼ Jan 2
425	3,951	Texas P & L $4.56 pfd	*	94	96	100	Sale	97¼	99½	98 Dec 20	101½ Dec 7	93¾ Jan 5	101½ Dec 7
54,900	775,470	Texstar (The) Corp	10c	1⅛	Sale	¾	Sale	1/8	Sale	⅝ Dec 4	¾ Dec 3	1/8 July 26	1⅛ Jan 11
9,400	123,700	Textron Electronics Inc	50c	6⅞	Sale	6⅛	Sale	5⅞	Sale	5⅝ Dec 18	6⅝ Dec 5	5 Oct 26	10 Mar 14
86,000	650,700	Textron Inc warrants		11¾	Sale	10⅝	Sale	13⅝	Sale	10¼ Dec 3	14¼ Dec 26	8 May 29	16¼ Mar 9
5,500	112,300	Thew Shovel Co	5	19¼	Sale	20¼	Sale	20⅝	20⅞	20⅛ Dec 24	20¾ Dec 26	16½ Jun 1	22 Apr 16
51,500	633,500	Thompson-Starrett Co	10c	3	Sale	1⅞	Sale	1¾	Sale	1⅝ Dec 26	1⅞ Dec 3	1⅝ Jun 25	3⅜ Mar 16
200	19,300	70c conv preferred	10	14¼	Sale	10⅝	11¾	11⅞	Sale	11⅞ Dec 18	11⅞ Dec 18	10¼ Oct 9	15⅞ Mar 16
8,700	52,400	Thorofare Markets Inc	25c	25⅝	Sale	16⅞	Sale	16⅝	Sale	16⅛ Dec 11	17 Dec 3	15⅜ Oct 26	26½ Jan 9
11,000	146,500	Thriftimart Inc class A	1	36	Sale	23	Sale	21⅞	Sale	21⅛ Dec 20	23½ Dec 4	20 Oct 24	38 Feb 2
400	28,300	Tobacco Secur Trust Co— Am dep rcts def reg	5c	5⅛	6	2⅞	3¼	2½	3	2⅝ Dec 14	3 Dec 18	2⅛ Sep 17	3⅛ Nov 9
500	25,800	Am dep rcts reg	5s	—	—	6⅛	Sale	6⅜	7	6 Dec 7	6⅞ Dec 18	‡4¼ Jun 4	6⅞ Dec 18
4,800	91,100	Todd Shipyards Corp	20	25¾	Sale	23¼	Sale	21¾	Sale	21 Dec 19	23¼ Dec 3	19⅛ May 29	26½ Jan 5
1,000	13,280	Toledo Edison 4¼% pfd	100	87	Sale	91	Sale	91	Sale	90¼ Dec 11	91 Dec 3	85⅛ July 19	92 Nov 30
300	43,100	Tonopah Mining of Nev	1	4¾	Sale	3⅜	3¾	3⅜	Sale	3⅜ Dec 5	3⅜ Dec 5	3 Aug 8	5 Jan 12
33,800	246,100	Tower Universal Corp	1	—	—	5⅜	Sale	3¼	Sale	3⅛ Dec 19	5⅜ Dec 3	3⅛ Dec 19	12¼ Jan 8
7,000	85,700	Town Photolab Inc	5c	5½	Sale	3⅜	Sale	3⅛	Sale	2⅜ Dec 21	3½ Dec 28	2⅜ Dec 21	7⅜ Jan 17
8,900	262,400	Trans-Lux Corp	1	16½	Sale	13⅛	13½	11⅞	Sale	11⅜ Dec 24	13½ Dec 5	10 July 18	18¾ Jan 17
16,700	235,800	Trans World Airlines 'wts'		5⅛	Sale	4½	Sale	4½	Sale	4 Dec 14	4⅝ Dec 21	3⅛ Jun 14	6½ Jan 22
37,400	356,100	Transportation Cp Amer	10c	10⅞	Sale	7⅞	Sale	9¼	Sale	7½ Dec 4	9½ Dec 26	6½ Oct 24	12 Feb 19
2,000	‡43,300	Transue & Williams Steel Forging Corp	*	12	Sale	9⅝	10⅛	9	9½	8½ Dec 17	10 Dec 11	‡7⅞ Oct 26	13 Mar 14
11,100	134,100	Trav-ler Industries	1	7¼	Sale	5¼	Sale	4⅛	Sale	4 Dec 27	5⅜ Dec 4	3⅝ Oct 24	8⅛ Mar 2
4,300	46,700	Triangle Conduit & Cable	1	18⅜	Sale	11	11¼	10	Sale	9⅞ Dec 24	11¼ Dec 4	9½ Oct 25	21¾ Jan 4
46,800	505,000	Tri-Continental Corp warr		43¾	Sale	32⅜	Sale	33⅜	Sale	30¾ Dec 19	34¾ Dec 5	22¼ Oct 24	43¼ Jan 2
3,200	52,200	True Temper Corp	10	27¾	Sale	28⅛	29	28¾	29	28 Dec 5	29 Dec 21	24 May 29	29 Dec 21
29,800	292,500	Unexcelled Chemical Corp	5	15¼	Sale	8¾	Sale	7¾	Sale	7⅝ Dec 14	8⅞ Dec 3	7½ May 28	17¼ Mar 6
1,900	26,000	Union Gas of Canada	*	22¼	Sale	16¾	17⅛	17¼	Sale	17 Dec 14	17½ Dec 26	14½ July 24	22½ Feb 7
1,500	18,321	Union Investment Co	4	14⅝	Sale	11⅜	11⅞	12¼	Sale	11½ Dec 18	12¼ Dec 31	11 Aug 8	15½ Jan 15
2,700	16,500	Union Stk Yds of Omaha	20	26	26¾	21	Sale	21	22	20½ Dec 10	21½ Dec 27	20 Nov 1	26⅞ Jan 30
11,400	169,600	United Aircraft Prod	50c	5½	Sale	4¼	Sale	4	Sale	3⅞ Dec 27	4⅜ Dec 4	3¾ Jun 25	7 Mar 16
62,000	854,500	United Asbestos Corp	1	5 1/16	Sale	3 1/16	Sale	3 7/16	Sale	3⅜ Dec 28	3 1/16 Dec 3	3⅜ Dec 28	6 Mar 13
72,000	688,300	United Canso Oil & Gas vtc	1	1⅝	Sale	1 1/16	Sale	1⅛	Sale	1 1/16 Dec 3	1⅜ Dec 5	1 Nov 20	2 Jan 10
1,200	‡28,500	United Elastic Corp	*	—	—	40¼	Sale	40¼	40½	39½ Dec 17	40¾ Dec 5	‡36¾ Nov 7	46½ Apr 10
9,300	96,800	United Foods Inc	1	8⅛	Sale	5⅞	Sale	6¾	Sale	5¾ Dec 4	7¼ Dec 13	5 July 25	8⅜ Jan 5
77,000	670,300	United Imp & Inv Corp	2.60	8½	Sale	4⅛	Sale	4	Sale	3¾ Dec 20	4⅛ Dec 3	3⅝ Nov 1	9½ May 8
400	13,200	United Milk Products	5	7¼	8	6½	Sale	6	6⅜	6⅛ Dec 19	6½ Dec 3	6 Oct 29	8⅜ Apr 11
—	1,500	United Molasses Co Ltd— Amer dep rcts ord reg	10s	4	4⅜	3⅞	5	4 1/16	4¼	—	—	3⅜ May 16	4¼ Apr 24
410	3,235	United N J Ry & Canal	100	178½	179	186	189¾	184½	186	183 Dec 26	187¾ Dec 13	179 Jan 3	195 Sep 13
13,000	89,700	U S Air Conditioning	50c	3⅝	Sale	2½	2¾	2⅜	Sale	2⅛ Dec 19	2½ Dec 4	2⅛ Oct 10	4 Jan 4
2,800	39,900	U S Ceramic Tile Co	1	6¾	6⅞	4⅝	Sale	4¾	Sale	4⅝ Dec 3	5⅜ Dec 12	4⅛ Nov 7	6⅞ Jan 19
24,800	306,500	U S Natural Gas Corp	1	—	—	6⅞	Sale	6⅜	Sale	6⅜ Dec 31	7¼ Dec 4	2½ May 29	7⅝ Nov 5
8,400	51,100	U S Rubber Reclaim Co	1	7	7¼	6⅝	Sale	6	Sale	6 Dec 31	7⅞ Dec 13	5 Oct 4	7⅞ Dec 13
3,500	‡32,600	United Stockyards Corp	25c	—	—	5½	Sale	5⅜	Sale	4¾ Dec 10	5¾ Dec 27	‡4 May 28	8 Apr 9
13,000	161,000	Universal American Corp— 1962 series warrants		—	—	2½	Sale	2½	2¾	2¼ Dec 10	2⅞ Dec 17	1¾ Jun 15	4½ Feb 9
5,900	51,800	1955 series warrants		—	—	2⅝	Sale	2⅝	Sale	2⅜ Dec 6	2¾ Dec 13	1⅞ Jun 27	4⅜ Feb 26

For footnotes, see page 96.

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
7,300	81,365	Universal Container A	10c	6¾	Sale	—	—	4⅝	Sale	4⅝ Dec 14	5⅛ Dec 11	4⅛ Oct 24	8 Feb 9
252,500	2,595,000	Universal Controls Inc	25c	9½	Sale	5¾	Sale	4¾	Sale	4½ Dec 24	5⅞ Dec 3	3⅞ Oct 23	9⅞ Jan 4
225	6,680	Universal Insurance	17.78	32½	35	31½	34	33¼	34½	33 Dec 11	34¼ Dec 13	27 Jun 25	35½ Nov 29
49,900	387,700	Universal Marion (Fla)	*	9⅞	Sale	9⅛	Sale	8⅞	Sale	8¼ Dec 31	9¼ Dec 3	6½ May 29	11⅛ Feb 21
12,400	215,500	Utah Idaho Sugar Co	5	10⅝	Sale	8⅜	Sale	9¼	Sale	8¼ Dec 3	9½ Dec 31	7⅞ Sep 27	12 Feb 21
5,600	92,200	Valspar Corp	1	11⅜	Sale	6¾	7	6⅝	Sale	6⅛ Dec 28	7¼ Dec 6	5⅛ Oct 30	11½ Jan 15
9,600	258,100	Valve Corp of America	25c	—	—	9⅞	Sale	9⅝	Sale	9½ Dec 31	11¾ Dec 18	7¼ Oct 24	19⅝ Apr 25
42,700	493,900	Venture Capital Corp	1	12½	Sale	4⅜	Sale	4⅛	Sale	3¾ Dec 17	4⅜ Dec 3	3⅝ Jun 21	14⅜ Jan 4
100,900	637,000	Victoreen Instrument Co	1	10½	Sale	8⅜	Sale	8	Sale	7¾ Dec 31	9½ Dec 6	5¾ May 29	10⅞ Jan 4
40,100	367,200	Viewlex Inc class A	25c	11¼	Sale	4⅜	Sale	3½	Sale	3⅜ Dec 21	4½ Dec 3	3 May 29	13 Jan 5
47,900	488,200	Vinco Corporation	1	8¾	Sale	3⅛	Sale	2½	Sale	2⅜ Dec 31	3¼ Dec 3	2⅜ Dec 31	9¾ Apr 3
41,200	311,400	Virginia Dare Stores Corp	1	—	—	9	Sale	7⅜	Sale	6⅝ Dec 27	9 Dec 3	6¼ Oct 25	21¾ Mar 21
16,500	497,300	Va Iron Coal & Coke	2	10¾	Sale	10¼	Sale	10	Sale	9½ Dec 13	10⅜ Dec 3	7⅝ May 29	12¾ Jan 19
2,100	34,400	Vita Food Products Inc	25c	23¼	23½	17¼	Sale	15⅝	Sale	15⅝ Dec 31	17⅞ Dec 7	13½ Oct 25	23½ Jan 9
3,100	45,800	Vogt Manufacturing Corp	*	9¾	Sale	11	11½	11	11½	11¼ Dec 28	13 Dec 5	7¼ Jun 28	13⅛ Mar 7
9,500	120,300	VTR Inc	1	7¼	Sale	5	Sale	5	Sale	5 Dec 3	5⅜ Dec 6	5 Jun 8	8¼ Jan 15
13,500	303,900	Wagner Baking Corp com	*	5⅝	Sale	2	Sale	1½	Sale	1½ Dec 26	2¼ Dec 6	1⅛ Jun 26	6⅝ Jan 4
120	7,470	7% preferred	100	66¾	70	46¼	50	35	40	35 Dec 26	46¼ Dec 10	28 May 14	71¾ Jan 15
6,900	41,200	Waitt & Bond common	4	6⅛	6½	3¼	3¾	3½	Sale	2⅞ Dec 24	3¾ Dec 4	2⅞ Dec 24	6⅜ Jan 3
800	6,500	6% conv preferred	10	12	13½	7½	Sale	6½	7	6¾ Dec 27	7½ Dec 3	6¼ Nov 13	13 Jan 22
58,500	893,300	Waltham Precision Inst Co	1	2¾	Sale	2½	Sale	2¼	Sale	2⅛ Dec 11	2½ Dec 3	1½ May 29	3 Jan 2
516,300	4,356,300	Webb & Knapp Inc com	10c	2¼	Sale	1⅛	Sale	⅞	Sale	⅞ Dec 31	1⅛ Dec 3	⅞ Dec 31	2⅜ Feb 1
3,480	15,101	$6 series preference	*	98½	Sale	100	Sale	79	Sale	79 Dec 28	104 Dec 7	79 Dec 28	104¾ Feb 6
3,100	68,400	Weiman & Company Inc	1	3¾	Sale	3¾	Sale	3¾	4	3⅝ Dec 11	4 Dec 28	3⅛ Oct 23	4¼ Nov 20
26,900	507,700	Wentworth Mfg Co	1.25	3¾	Sale	4½	Sale	4⅝	Sale	4⅜ Dec 28	5⅝ Dec 5	3½ May 29	7⅝ Apr 3
3,700	‡13,400	West Chemical Products	50c	—	—	21¾	Sale	22½	22¾	21½ Dec 3	22¾ Dec 27	‡19⅛ Sep 18	22¾ Dec 27
110	1,690	West Texas Utilities Co 4.40% preferred	100	90½	92½	93⅛	95	93	94½	93 Dec 21	94¾ Dec 10	88¼ Aug 14	94¾ Dec 10
31,200	‡225,900	Westbury Fashions	10c	—	—	11	Sale	9¼	Sale	9¼ Dec 18	11⅝ Dec 5	‡8¾ Oct 25	21¼ Apr 10
48,900	541,600	Western Development Co	1	5½	Sale	4⅝	Sale	5¼	Sale	4½ Dec 3	5½ Dec 7	3¾ Sep 18	7⅜ Feb 6
64,600	512,000	Western Equities Inc	10c	4⅛	Sale	2¾	Sale	2¾	Sale	2½ Dec 3	3⅛ Dec 7	2⅜ Nov 1	4⅞ Feb 5
17,800	266,000	Western Nuclear Inc	5c	3¼	Sale	3¼	Sale	3¼	3⅜	3 Dec 3	3½ Dec 17	2⅜ Apr 19	3½ Nov 15
23,800	492,300	Western Stockholders Inc Amer dep rcts ord shs	1s	⅜	7/16	7/16	Sale	7/16	Sale	7/16 Dec 3	½ Dec 7	⅛ May 31	½ Apr 12
5,400	37,100	West Tablet & Stationery	*	34	Sale	20¼	Sale	19½	Sale	19½ Dec 24	21⅜ Dec 7	17⅝ Sep 25	38 Feb 14
850	6,770	Westmoreland Inc	10	31	32½	28¾	30	30	31	28 Dec 20	30 Dec 27	28 Jun 4	32 May 3
1,900	55,100	Weyenberg Shoe Mfg	1	25⅛	Sale	22⅝	22¾	23⅜	Sale	22⅝ Dec 5	23¾ Dec 20	18⅝ May 29	25⅛ Jan 2
6,600	65,100	Whippany Paper Board	10c	14⅜	Sale	10⅛	Sale	8⅞	Sale	8⅝ Dec 31	10⅛ Dec 3	8⅝ Dec 31	15⅛ Feb 14
81,100	697,300	White Eagle Internat'l	10c	1⅝	Sale	⅝	Sale	½	Sale	½ Dec 3	⅝ Dec 3	½ Nov 9	1⅝ Jan 2
1,300	34,000	White Stag Mfg class A	1	26	26¼	25½	Sale	26¾	Sale	25½ Dec 3	26¾ Dec 31	18 Jun 28	29¼ Jan 8
5,900	112,000	Whitmoyer Laboratories	1	21½	Sale	9½	9¾	9½	Sale	8⅜ Dec 26	10⅛ Dec 5	8 Jun 27	21½ Jan 2
5,100	95,500	Wichita River Oil Corp	1	3½	Sale	1⅞	Sale	1⅞	Sale	1⅝ Dec 17	2 Dec 28	1¼ May 29	3¾ Jan 22
6,000	39,400	Wieboldt Stores Inc	*	25¾	26	15½	Sale	14½	Sale	14⅜ Dec 28	15½ Dec 3	14⅜ Dec 28	24¾ Jan 10
2,900	97,600	Williamhouse (The) Inc	10c	11	Sale	6⅛	Sale	5⅜	Sale	5¼ Dec 24	6⅛ Dec 3	5¼ Jun 22	14⅞ Feb 7
15,900	223,400	Williams Brothers Co	1	17⅝	Sale	14	Sale	13½	Sale	13⅛ Dec 13	14⅛ Dec 3	12⅝ Oct 24	22¾ Mar 12
29,500	220,500	Williams-McWilliams Ind	10	7½	Sale	6¼	Sale	5¼	Sale	5 Dec 31	6½ Dec 7	4¼ Jun 26	10⅛ Jan 26
12,500	716,000	Williams (R C) & Co	1	16⅝	Sale	17¾	Sale	14¾	Sale	14⅝ Dec 28	17¾ Dec 3	11½ May 29	29 Mar 28
60,600	168,300	Wilshire Oil Co of Tex	1	—	—	2 1/16	Sale	2	Sale	1⅞ Dec 14	2 1/16 Dec 3	1⅞ Dec 14	2⅜ Oct 15
29,100	167,600	Wilson Brothers common	1	15	Sale	6½	Sale	6⅞	Sale	6⅜ Dec 3	8⅜ Dec 7	4⅜ Oct 24	16⅜ Jan 19
1,750	13,325	5% preferred	25	14¾	15½	14½	Sale	15	15¾	14¼ Dec 4	15¾ Dec 6	13½ Jun 27	18 Mar 14
130	2,520	Wisconsin P&L 4½% pfd	100	95½	Sale	94½	Sale	95¾	96½	94½ Dec 3	95¾ Dec 10	91 Aug 20	98 Jun 8
200	7,570	Wood (John) Indus cl A	*	35	Sale	35⅛	36	—	—	34¼ Dec 18	35⅛ Dec 4	34¼ Dec 18	41 May 10
6,850	263,570	Wood Newspr Mach Corp	1	16	Sale	19¼	Sale	—	—	19 Dec 17	20⅛ Dec 6	12 May 29	23½ Mar 27
500	500	New common	1	—	—	—	—	12⅝	Sale	12⅜ Dec 28	12⅝ Dec 28	12⅜ Dec 28	12⅝ Dec 28
5,200	36,400	Woodall Industries Inc	2	16⅞	Sale	17	Sale	17⅛	17⅞	16⅝ Dec 6	18 Dec 19	14⅛ Sep 10	18⅜ Mar 21
----	1,500	Woolworth (F W) Ltd Amer dep receipts	5c	7 3/16	7¾	6	7	6⅛	6½	— ------	— ------	6⅛ May 29	7¼ Apr 6
300	1,500	6% preference	£1	2⅛	2⅞	2⅜	3	2⅜	3	2½ Dec 5	2½ Dec 5	2¼ Jan 29	2¾ Jun 29
48,700	415,200	Wright-Hargreaves Ltd	40c	⅞	Sale	¾	Sale	¾	Sale	11/16 Dec 4	¾ Dec 3	11/16 Oct 22	1⅛ Jun 11
5,300	115,800	Yale Express System Inc Class A	25c	—	—	8¾	Sale	9	Sale	8¼ Dec 17	9 Dec 31	5½ May 29	9¾ Sep 18
44,700	524,000	Yonkers Raceway com	25c	6	Sale	4¾	Sale	4	Sale	3⅝ Dec 31	4⅞ Dec 3	3⅝ Dec 31	6⅛ Jan 16
8,400	76,400	6% preferred	5	4	Sale	4⅛	Sale	3⅞	Sale	3⅞ Dec 14	4⅝ Dec 11	3⅞ Jan 10	4⅝ Dec 11
3,900	‡132,700	Zale Jewelry Co	1	—	—	16	Sale	15¼	Sale	15¼ Dec 28	17 Dec 5	‡13½ May 29	17 Dec 5
22,800	227,100	Zapata Off-Shore Co	50c	7	Sale	5	Sale	4¾	Sale	4¾ Dec 11	5¼ Dec 10	4½ Sep 24	8⅜ Apr 2
19,400	172,300	Zapata Petroleum Corp	10c	6¼	Sale	5¾	Sale	6¼	Sale	5½ Dec 5	6¾ Dec 21	3½ May 29	7¾ Feb 20
2,000	56,200	Zion Foods Corp	1	7⅝	Sale	4¼	4½	4⅜	Sale	4 Dec 11	4½ Dec 7	4 Dec 11	8 Feb 19
$	$	**BONDS**											
193,000	1,040,000	Alsco Inc 5½s conv	1974	63	Sale	30½	Sale	26	Sale	25½ Dec 20	30½ Dec 3	25 Nov 1	69 Jan 5
11,000	63,000	Δ Amer Steel & Pump 4s	1994	61	65	56	62	56	62	r55½ Dec 19	62 Dec 21	55½ Jun 19	64 Jan 18
54,000	1,019,000	Appalach'n El Pwr 3¼s	1970	90	Sale	94½	Sale	93⅝	Sale	93⅝ Dec 31	94½ Dec 3	90 Jan 2	95½ Nov 28
27,000	27,000	Baldwin Montrose Chem 7s	1972	—	—	—	—	70	Sale	66 Dec 26	70 Dec 31	66 Dec 26	70 Dec 31
2,000	8,000	Bethlehem Steel 6s	1998	121½	127	123	—	125	128	123 Dec 5	123 Dec 5	121 Apr 19	130 Feb 23
122,000	1,608,000	Bloomfield Bldg Indus 6½s	1977	—	—	113½	Sale	109	Sale	109 Dec 31	113½ Dec 3	100 Oct 24	116½ Nov 26
26,000	458,000	Boston Edison 2¾s	1970	90½	Sale	91½	Sale	90¾	Sale	90⅜ Dec 3	91½ Dec 3	87 July 12	91½ Dec 3
8,000	24,000	Brandywine Raceway Assn 6s debs	1978	96½	100	100	—	100	—	100 Dec 12	100 Dec 12	96 Mar 21	102 July 6
28,000	1,927,000	BSF Corp 5¾s conv	1969	—	—	75	Sale	70½	Sale	70½ Dec 19	75 Dec 3	60 Jun 15	117 Feb 14
17,000	382,000	Chicago Transit Authority 3¾s rev ser '47	1978	93½	94½	100⅜	101	100½	Sale	100⅜ Dec 14	100½ Dec 31	93½ Jan 5	100½ Nov 13
28,000	1,555,000	Continental Vending 6s	1976	134½	Sale	95½	98	93	95	88 Dec 26	96½ Dec 5	85 Oct 26	142½ Feb 21
151,000	2,022,000	Davega Stores 6½s	1975	87	Sale	29	Sale	30¼	Sale	23¾ Dec 27	31 Dec 31	21 July 3	95 Jan 5
47,000	347,000	Delaware Lack & West RR Lackawanna of N J Div 1st mtge 4s ser A	1993	28	Sale	32	Sale	30¼	Sale	30¼ Dec 31	32 Dec 3	26 Oct 19	35 Jan 24
115,000	266,000	Δ1st mtge 4s ser B	1993	15½	17⅛	13	Sale	11⅛	12	10 Dec 24	13 Dec 3	10 Sep 26	17¼ Feb 9
44,000	1,067,000	First Nat Realty & Constr Corp 6½s ex warr	1976	75	Sale	70	Sale	69¼	69½	69¼ Dec 18	71 Dec 4	69 Oct 23	81 May 3
114,000	1,827,000	Fotochrome Inc 5½s	1981	94½	Sale	51	Sale	53¾	Sale	51 Dec 3	55 Dec 20	49½ Oct 25	94½ Jan 2
8,000	261,000	General Builders 6s	1963	90⅝	93	97	99	97	99	97 Dec 4	99 Dec 5	90½ Jan 25	99 Dec 5
220,000	3,302,000	Gen Development 6s	1975	117	Sale	91½	92	85	Sale	84⅝ Dec 4	92 Dec 4	80 Oct 23	121 Jan 3
83,000	435,000	General Foam Corp 6s	1981	—	—	81¼	83⅞	78	Sale	78 Dec 31	82 Dec 17	75 Oct 24	92 Aug 21
568,000	7,774,000	Gulf American Land 6½s convertible	1977	—	—	90	Sale	84	Sale	80¼ Dec 28	90 Dec 3	58 Oct 23	102 Aug 9
189,000	2,129,000	Hartfield Stores 5½s	1981	—	—	71¼	71½	70	Sale	68½ Dec 18	71½ Dec 5	60 May 29	107 Jan 19
25,000	820,000	Hoffman Inter'n 7s	1973	120	124	88¼	90	82	Sale	75 Dec 28	90 Dec 13	75 Dec 28	153 Apr 5
130,000	3,007,000	Hudson & Manhattan Corp 1st mortgage 6s	1982	—	—	99⅛	Sale	99	Sale	98½ Dec 11	99¾ Dec 18	95 Feb 23	100 Sep 7
30,000	1,503,000	Hydrometals 6s A	1972	102¼	Sale	64	66¾	63	Sale	61¼ Dec 18	65½ Dec 4	46 May 29	103 Jan 3
6,000	780,000	Italian Power Realization ΔTrust 6½s liq tr ctfs	—	53½	56	51	53	50	52¾	51⅛ Dec 5	52¾ Dec 17	48½ July 3	59¼ May 22
50,000	573,000	Kaltman & Co 6s	1977	—	—	115	123	115	118	110 Dec 19	125 Dec 6	96¾ Oct 24	128 Nov 16
154,000	1,594,000	Kawecki Chemical 4⅞s	1976	138	142	103¼	105½	104¾	Sale	101¼ Dec 7	106 Dec 13	97 May 29	138 Jan 4
664,000	3,736,000	Livingston Oil 5¾s	1982	—	—	115	Sale	116	Sale	110 Dec 7	120¼ Dec 26	90 May 29	120¼ Dec 26
117,000	1,831,000	Mergenthaler Lino 5s	1977	—	—	101½	Sale	102	Sale	100½ Dec 4	102 Dec 4	98 May 29	105 Apr 26
----	44,100	Midland Valley RR 4s	1963	95	—	97	—	97	—	— ------	— ------	91½ Sep 14	99 Jan 3
105,000	2,419,000	Natl Bellas Hess 6s	1984	130	Sale	104	106½	106¾	Sale	104 Dec 7	107 Dec 17	97¼ May 29	131 Feb 8
74,000	1,317,000	National General 5½s	1974	—	—	83½	Sale	82½	Sale	82½ Dec 31	84 Dec 4	72 Jan 4	84 Sep 26
55,000	1,793,000	National Research 5s	1976	125	Sale	105	107	107¾	Sale	107 Dec 4	110 Dec 5	90 May 29	126¼ Feb 9
----	15,000	Nippon El Pow 6½s ext	1963	99⅞	—	99¾	—	97	—	— ------	— ------	99¾ Apr 10	100 Jun 5
255,000	2,287,000	Nuclear Corp of America 5½s conv debs	1976	107	Sale	68	74	70¼	Sale	70¼ Dec 26	77 Dec 5	62 May 25	110 Mar 7

(Continued on page 96)

For footnotes, see page 96.

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Midwest Stock Exchange

A compilation of the round-lot transactions only

Stock Sales—	1962	1961	Bond Sales—	1962	1961
December (Shares)	3,800,000	2,966,000	December	------	------
Jan. 1 to Dec. 31 (Shares)	39,631,000	42,866,000	Jan. 1 to Dec. 31	$1,000	$500

Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	Midwest Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
2,200	41,200	Abbott Laboratories	5	69½	70¼	69¾	Sale	76½	Sale	69¾ Dec 3	76½ Dec 31	57¼ Aug 29	80¾ Mar 9
11,600	105,800	Acme Steel Co	10	21	Sale	15¾	Sale	13⅛	Sale	12¾ Dec 14	15¾ Dec 3	9½ Oct 18	21 Jan 2
3,700	57,850	Admiral Corp	1	17	17¼	12¼	Sale	11⅝	Sale	11½ Dec 31	13 Dec 5	9½ Oct 24	19½ Mar 15
6,200	65,400	Advance Ross Electronics	25c	7⅝	7⅞	3⅞	4⅛	3⅞	Sale	3¾ Dec 28	4⅛ Dec 10	3¾ Dec 28	8¾ Mar 9
100	700	Aid Investment & Discount Inc	1	—	—	—	—	—	—	20⅛ Dec 21	20⅛ Dec 21	19⅞ Aug 3	20⅛ Dec 21
----	‡12,000	Akron Brass Mfg Co	50c	--	--	--	--	--	--	-- ------	-- ------	16 May 21	20⅜ Feb 19
9,900	30,700	Alleghany Corp (Un)	1	11	Sale	10¼	Sale	11	Sale	10¼ Dec 3	12 Dec 13	6⅞ Jun 25	12⅛ Mar 20
9,300	85,400	Allied Chemical Corp	9	55½	55¾	42⅝	Sale	44¼	Sale	41¼ Dec 13	44⅜ Dec 27	34¾ Oct 24	57 Jan 4
20,000	178,000	Allis-Chalmers Mfg	10	21⅛	Sale	15⅜	Sale	14½	Sale	14 Dec 19	15½ Dec 5	12½ Oct 24	23 Jan 4
10,800	91,700	Aluminium Ltd	*	28	Sale	22⅝	Sale	20¼	Sale	19⅝ Dec 18	22⅝ Dec 3	17½ Jun 25	28 Jan 2
5,800	40,800	Aluminum Co of Amer (Un)	1	65½	Sale	54	Sale	54½	Sale	51¼ Dec 19	56¼ Dec 5	45⅞ Jun 25	67⅛ Mar 16
5,800	79,300	American Airlines (Un)	1	22	Sale	18	Sale	18¼	Sale	17¾ Dec 8	18¾ Dec 13	15⅜ Oct 24	23¾ Jan 22
1,500	45,400	American Broadcasting Param't Theatres (Un)	1	44¾	45¼	33¾	Sale	34¼	Sale	33¾ Dec 3	36 Dec 20	23½ Jun 25	47½ Feb 19
5,500	87,600	American Can Co (Un)	12.50	46½	Sale	44¾	Sale	45⅝	Sale	44½ Dec 3	47 Dec 5	38¼ May 29	47 Feb 20
7,200	116,100	American Cyanamid (Un)	10	43⅝	Sale	46⅞	Sale	49¼	Sale	46⅛ Dec 4	50 Dec 26	35⅝ Jun 25	50 Dec 26
4,500	30,400	Amer Home Products (Un)	1	78¼	Sale	51⅝	Sale	52¼	Sale	51½ Dec 19	53¾ Dec 7	45 Jun 25	78⅝ Jan 2
900	23,000	American Investment (Ill)	1	24⅛	24½	19⅞	Sale	20	20⅜	19⅞ Dec 3	20½ Dec 26	18¼ Jun 29	24½ Jan 3
21,100	206,900	American Mach & Fdry	1.75	42	Sale	20⅞	Sale	20⅝	Sale	19¼ Dec 18	22½ Dec 5	16 Oct 24	42½ Jan 2
----	15,300	American Metal Climax Inc	1	39¾	40⅛	--	--	--	--	-- ------	-- ------	24⅝ Oct 23	38⅛ Mar 20
19,900	332,300	Amer Motors Corp	1.66¾	17¼	Sale	16½	Sale	16⅛	Sale	16 Dec 28	17⅝ Dec 5	12 May 29	18⅜ Sep 18
13,600	111,300	Amer Radiator & SS (Un)	5	15¾	16	13	13¼	12⅝	Sale	12½ Dec 17	13¼ Dec 4	12 Oct 24	18¼ Jan 25
24,000	340,600	American Tel & Tel	33⅓	136¼	Sale	114⅝	Sale	116⅝	Sale	113¼ Dec 3	118⅞ Dec 10	98½ May 29	136¼ Jan 2
14,900	81,100	Amer Tobacco Co (Un)	6.25	—	—	30⅝	Sale	29½	Sale	28⅞ Dec 11	30⅝ Dec 3	25⅜ Oct 24	42 Apr 9
10,700	68,100	American Viscose (Un)	25	53⅛	Sale	59⅞	Sale	61¼	Sale	58 Dec 6	63⅛ Dec 27	44 Jun 25	63⅛ Dec 27
8,100	63,400	Ampex Corp (Un)	1	19⅝	Sale	17⅛	Sale	16⅞	Sale	16½ Dec 21	18⅛ Dec 5	10¼ May 29	20½ Jan 4
1,800	16,100	Amsted Industries Inc	1	37¼	Sale	29⅜	Sale	30	30¼	28⅞ Dec 14	30 Dec 28	24 May 29	37¼ Jan 2
5,200	63,900	Anaconda Co (Un)	50	49½	Sale	41½	Sale	40¼	Sale	40⅜ Dec 28	42⅜ Dec 5	35⅞ Oct 22	52⅜ Jan 4
22,800	325,900	Apache Corp	1.25	23	Sale	11½	Sale	11⅛	Sale	10¾ Dec 27	12⅛ Dec 6	8⅞ Oct 5	28½ Feb 15
1,900	37,400	Arkansas Louisiana Gas	2.50	40⅛	Sale	28¾	29¼	28⅜	Sale	28⅛ Dec 11	30⅛ Dec 4	24 Oct 24	42⅜ Mar 28
5,400	123,500	Armco Steel Co (Un)	10	69¼	69¾	52⅜	52¾	51½	Sale	49⅞ Dec 11	53⅛ Dec 4	40⅛ Oct 22	71⅝ Mar 15
2,700	54,300	Armour & Co	5	49¾	50¼	41	Sale	43⅜	Sale	40⅜ Dec 10	44 Dec 27	32⅝ Sep 27	56¾ Feb 19
1,800	22,700	Ashland Oil & Ref com	1	27	Sale	25⅛	25⅝	25¾	26	24¾ Dec 14	25½ Dec 26	20 May 29	28¼ Feb 23
----	100	$1.50 conv 2nd pfd	*	--	—	--	--	--	--	-- ------	-- ------	41⅜ May 21	41⅜ May 21
----	5,400	Associates Investment Co	10	--	—	--	--	--	--	-- ------	-- ------	62¼ Nov 27	62⅜ Nov 23
13,500	160,900	Atch Topeka & Santa Fe	10	27⅛	Sale	25¼	Sale	25⅛	Sale	24¼ Dec 11	25½ Dec 5	20½ Oct 24	27⅝ Jan 17
4,400	44,100	5% non-cum preferred	10	10¼	Sale	10⅜	Sale	10⅜	10⅝	10⅜ Dec 3	10¾ Dec 11	9⅞ Jun 28	10¾ Dec 11
300	13,600	Athey Products Corp	4	24¾	Sale	23½	Sale	23	Sale	23 Dec 31	23½ Dec 3	19½ May 29	27 Jan 31
900	24,300	Atlantic Refining Co (Un)	10	54⅝	55	49	49¼	48	48½	48¼ Dec 14	50 Dec 5	43⅝ Oct 25	57⅜ Feb 15
10,700	102,400	Automatic Canteen Co of America	2.50	31⅛	Sale	14½	14¾	14⅛	Sale	13 Dec 24	15 Dec 5	10 Oct 24	31⅛ Jan 2
8,800	147,400	Avco Corporation	3	24⅛	Sale	24⅛	Sale	25¼	Sale	24 Dec 3	25¾ Dec 5	17¼ May 29	28⅝ Feb 13
1,700	28,400	Baldwin-Lima-Ham (Un)	13	14½	14¾	14	Sale	13	13¼	12⅞ Dec 21	14⅛ Dec 4	11½ Jun 27	19 Apr 19
----	700	Baldwin-Montrose Chem	50c	7¼	8½	--	--	--	--	-- ------	-- ------	16¼ Feb 7	17 Feb 13
5,000	‡30,950	Bastian-Blessing	*	27¼	Sale	23½	Sale	22¾	Sale	22½ Dec 21	24 Dec 7	21⅛ Oct 8	27⅝ Mar 8
7,600	51,850	Belden Mfg	10	20⅜	Sale	22¾	23¼	23	Sale	22¼ Dec 21	23¼ Dec 6	20 Jun 26	24 May 7
900	51,050	Bell & Gossett Co	2	17¾	Sale	13½	Sale	13⅛	Sale	12½ Dec 24	13½ Dec 3	12 Oct 24	19¼ Feb 26
5,900	59,300	Bell & Howell Co	*	49¼	Sale	23¼	Sale	22½	Sale	21⅜ Dec 18	25 Dec 5	16 Oct 24	49¾ Jan 4
3,000	31,500	Bendix Corp	5	67	Sale	55⅜	Sale	54¾	Sale	51¾ Dec 24	56⅞ Dec 5	48 Sep 27	75⅜ Jan 31
6,600	110,600	Benguet Consol Inc (Un)	p2	1¼	Sale	1⅛	1¼	1⅛	Sale	1⅛ Dec 10	1⅜ Dec 14	1⅛ Jan 4	1¾ Feb 21
28,000	274,100	Bethlehem Steel Corp (Un)	8	43¼	Sale	31¾	Sale	28⅝	Sale	28⅝ Dec 21	31¾ Dec 3	27⅜ Oct 22	43⅝ Mar 29
2,900	15,500	Binks Manufacturing Co	1	23½	24½	26	Sale	25	26	26 Dec 3	30 Dec 18	20 May 31	30 Dec 18
4,400	50,100	Boeing Company (Un)	5	50	Sale	38⅜	38⅞	37	Sale	36½ Dec 19	39⅝ Dec 5	36⅜ May 29	56½ Feb 1
1,600	25,100	Booth Fisheries Corp	5	34¼	Sale	34¼	34¾	35	Sale	32¼ Dec 26	35 Dec 31	31½ Oct 26	43 Feb 28
5,200	79,900	Borg-Warner Corp	5	47⅛	47⅜	41	Sale	42	Sale	40½ Dec 11	42½ Dec 5	34¾ Oct 24	48 Jan 4
1,300	190,100	Brach & Sons (E J)	*	--	—	31½	32	34½	35	31⅛ Dec 4	34¼ Dec 28	21 Jun 25	41½ Mar 22
100	2,600	Brad Foote Gear Works	20c	2⅛	2⅜	1¾	2	2	Sale	2 Dec 31	2 Dec 31	1¾ Oct 25	2½ Mar 1
83,100	743,500	Brunswick Corp	*	52⅝	Sale	17¾	Sale	18½	Sale	17⅛ Dec 11	19⅛ Dec 26	13¼ Oct 24	52⅝ Jan 2
2,500	26,000	Budd Co	5	13⅜	Sale	12⅝	Sale	11¾	Sale	11⅝ Dec 17	12⅝ Dec 3	9¾ Jun 25	15⅝ Feb 9
5,800	81,200	Burlington Indus (Un)	1	23½	Sale	24⅝	Sale	25⅞	Sale	24⅝ Dec 3	26⅛ Dec 14	18⅜ Jun 25	26⅛ Dec 14
12,500	147,800	Burroughs Corp (Un)	5	42⅞	Sale	30	Sale	28⅛	Sale	27½ Dec 18	31½ Dec 4	25 Oct 26	53½ Mar 26
600	16,250	Burton-Dixie Corp	12½	24⅛	24¼	19¼	Sale	21¾	22¼	19 Dec 3	22 Dec 27	18 Jun 14	24¼ Jan 3
70,500	317,000	Business Capital Corp	1	--	—	4¾	Sale	5¼	Sale	4⅝ Dec 3	5¾ Dec 12	4 Oct 22	6¼ July 31
5,700	26,000	Calumet & Hecla Inc	5	15⅞	Sale	12⅝	Sale	11⅜	Sale	11¼ Dec 24	12⅝ Dec 3	10⅛ Sep 26	17¾ Feb 8
1,600	97,100	Canadian Export Gas & Oil Ltd	16⅔c	1½	Sale	1⅛	1¼	1	1⅛	1 Dec 20	1⅛ Dec 4	¾ Jun 25	1¾ Feb 7
1,900	17,000	Canadian Pacific (Un)	25	24¼	Sale	22¼	22½	23	23¼	22½ Dec 4	23¼ Dec 6	19⅝ Oct 22	26 Jan 10
1,000	13,600	Carrier Corp common	10	43	43½	36⅞	Sale	36¾	37	36¾ Dec 4	38¼ Dec 7	31½ May 29	42¾ Feb 13
----	150	4½% preferred	50	46	46½	48	48½	47¾	48¼	-- ------	-- ------	47¾ May 14	48¼ May 18
8,900	135,300	Caterpillar Tractor (Un)	*	38½	Sale	36⅛	Sale	36⅞	Sale	35¾ Dec 12	38 Dec 10	29⅝ July 25	42½ Jan 22
1,200	32,000	Celanese Corp of Am (Un)	*	34⅞	35¼	37	37⅜	38¾	Sale	37 Dec 4	38¾ Dec 31	28⅞ Jun 25	43¾ Mar 22
6,000	62,800	Central & South West	2.50	43	Sale	40⅝	Sale	41⅜	Sale	40⅝ Dec 3	44 Dec 10	31 Jun 25	46½ Feb 21
3,500	15,100	Central Illinois Pub Serv	*	--	—	22⅝	23¼	24	24¼	22⅞ Dec 6	24⅜ Dec 21	17½ May 29	24⅜ Dec 21
2,000	41,100	Certain-Teed Prods (Un)	1	--	--	17⅝	Sale	15⅞	Sale	15¼ Dec 18	17⅝ Dec 3	12½ Oct 22	52⅞ Jan 9
3,900	48,800	Champlin Oil & Ref com	1	25⅜	Sale	30	Sale	30¾	31	29¼ Dec 13	31⅜ Dec 17	21½ May 29	31⅜ Dec 17
580	6,010	$3 conv preferred	*	59¼	62	62¼	Sale	63	64½	61 Dec 6	63¼ Dec 14	58½ Feb 20	65 Mar 19
2,300	16,500	Chemetron Corp	1	24	Sale	18⅞	Sale	18¾	Sale	18⅛ Dec 19	19⅝ Dec 6	15⅜ Jun 25	25½ Feb 7
2,600	79,500	Chesapeake & Ohio Ry (Un)	25	57½	Sale	52½	Sale	51¾	Sale	50¼ Dec 17	53¼ Dec 4	44⅞ Oct 1	59¾ Jan 4
3,000	40,400	Chic Mil St Paul & Pac	*	15	15¼	10	10¼	9	Sale	8¾ Dec 24	10¾ Dec 5	7¼ Oct 22	17½ Feb 9
1,800	17,200	Chicago & Northwest Ry	*	20½	21¼	14	14¼	13¼	Sale	11¾ Dec 20	14¾ Dec 5	9 Jun 25	22⅞ Feb 7
2,100	17,000	5% series A preferred	100	32½	33¼	22	Sale	19¾	Sale	19 Dec 19	22¾ Dec 5	15 Oct 24	36 Feb 7
1,800	20,400	Chicago R I & Pac Ry	*	24	Sale	21¼	Sale	18⅝	Sale	18⅝ Dec 31	21⅝ Dec 3	14⅝ Oct 30	26¼ Jan 4
18,700	79,900	Chicago South Shore and South Bend RR	12.50	10⅜	Sale	9⅜	Sale	10⅞	Sale	9⅜ Dec 3	12⅛ Dec 4	8⅝ Jun 15	15¾ Jun 8
27,600	212,600	Chrysler Corp	25	49⅜	Sale	69	Sale	73¾	Sale	68⅞ Dec 3	75¼ Dec 20	38⅞ Jun 14	75¼ Dec 20
700	12,800	Cincinnati Gas & El Co	8.50	46¼	Sale	48½	49	49½	50	49 Dec 4	50⅜ Dec 14	37¾ Jun 26	50⅜ Dec 14
3,600	46,900	Cities Service Co	10	55⅜	Sale	52⅜	Sale	56⅞	Sale	52 Dec 4	57⅜ Dec 27	45¾ Oct 23	58⅝ Feb 5
3,100	21,800	City Products Corp	*	25	Sale	25½	Sale	25½	25¾	24½ Dec 21	25⅞ Dec 17	20 Jun 27	36 Mar 23
200	6,392	Cleveland-Cliffs Iron com	1	48	48⅜	39¼	39⅞	37¼	37⅞	38½ Dec 24	39⅛ Dec 5	32½ Jun 28	50 Jan 4
650	6,650	4½% preferred	100	92	93½	92½	93	93	95	91¾ Dec 5	92½ Dec 11	88 Aug 3	94½ Feb 9
800	13,000	Cleveland Elec Illuminat	15	66¾	67¼	67¾	68¼	53¾	64⅛	63½ Dec 28	65¾ Dec 12	55⅛ Jun 28	70 Apr 24
2,250	46,850	Coleman Co Inc	5	13⅛	Sale	18½	Sale	19¼	19¾	18½ Dec 3	20 Dec 27	12¾ Jan 9	20 Dec 27
3,800	30,900	Colgate-Palmolive Co	1	54¾	54⅝	42½	43	43¾	44	42⅝ Dec 24	44⅜ Dec 13	32¾ May 29	54⅞ Jan 3
3,400	33,800	Colorado Fuel & Iron Corp	5	17	17¼	10⅛	10½	8½	Sale	8⅜ Dec 21	9⅞ Dec 5	7⅜ Oct 29	17¼ Jan 3
7,000	104,800	Columbia Gas Sys (Un)	10	29	Sale	25	Sale	26⅛	Sale	25 Dec 3	26¼ Dec 26	22 Oct 24	30⅛ Apr 24
39,700	313,700	Commonwealth Edison	12.50	45¼	Sale	43⅛	Sale	44⅜	Sale	41½ Dec 6	44¾ Dec 13	35 May 29	45¾ Mar 13

*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 December Shares	Aggregate Sales for Year 1962 Shares	Midwest Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
6,500	21,500	Consolidated Foods	1.33⅓	38¼	Sale	34⅛	Sale	34¼	34½	33½ Dec 26	35 Dec 14	25¼ Jun 26	38¾ Jan 3
----	3,900	Consolidated Nat Gas (Un)	10	60½	Sale	--	--	--	--	-- ------	-- ------	55 Oct 23	64¾ Apr 26
----	2,900	Consolidation Coal Co	1	--	--	--	--	--	--	-- ------	-- ------	32 July 3	36⅞ Aug 2
2,100	30,100	Consumers Power Co	*	--	--	40⅞	Sale	42⅛	42⅝	40⅞ Dec 3	42½ Dec 10	33¼ May 29	42¾ Apr 24
9,600	107,600	Container Corp of Amer	5	26¼	Sale	23⅞	24¼	24¾	Sale	23⅝ Dec 5	24¾ Dec 28	17½ Jun 25	28⅞ Mar 14
2,200	38,900	Continental Can Co (Un)	10	47⅝	48	44	44½	45	45¼	44 Dec 10	45 Dec 26	38⅝ May 29	47⅞ Jan 4
3,100	47,200	Continental Insurance Co	5	68¾	69¼	59	Sale	59¼	59½	59 Dec 3	61¼ Dec 13	47½ Oct 24	71⅞ Feb 19
2,000	22,100	Continental Motors (Un)	1	10¼	10½	11	Sale	10¾	11	10⅞ Dec 13	11⅛ Dec 3	9⅛ Jun 22	12 Jan 29
2,000	18,700	Continental Oil (Del)(Un)	5	--	--	53⅞	54¼	55	Sale	53⅝ Dec 10	55 Dec 28	47¼ Jun 28	55⅝ Mar 27
1,200	11,100	Controls Co of America	5	31	31½	26¼	Sale	23	33⅜	23⅝ Dec 14	27 Dec 5	19 Nov 7	34½ Feb 6
4,500	55,115	Corn Products Co	50c	57⅝	Sale	50½	50⅞	50¾	51	49⅜ Dec 27	51⅞ Dec 10	41 Oct 26	60¾ Mar 28
----	100	Crane Company	25	--	--	--	--	--	--	-- ------	-- ------	50¾ Jun 18	50¾ Jun 18
3,400	40,000	Crowell-Collier Publishing	1	39½	Sale	21½	Sale	19¼	Sale	18½ Dec 18	21½ Dec 3	18⅛ Nov 19	42 Mar 23
1,600	18,900	Crucible Steel Co of America (Un)	12.50	21	Sale	16⅝	16⅞	16⅝	Sale	15⅛ Dec 18	16¾ Dec 5	12⅝ Jun 25	21⅝ Mar 28
----	300	Cudahy Packing Co	5	--	--	--	--	--	--	-- ------	-- ------	14 Jan 29	14 Jan 29
4,100	58,700	Curtiss-Wright Corp (Un)	1	17¼	Sale	18½	Sale	17¼	Sale	17⅛ Dec 24	19 Dec 5	14¼ Jun 27	20¼ Aug 20
900	17,200	Deere & Co	1	50	50¼	52¾	53¼	51½	52	50 Dec 19	52⅛ Dec 28	42½ Oct 1	56½ Feb 8
832	22,032	Detroit Edison Co (Un)	20	60½	61	61⅞	62⅜	62¾	63¼	61¾ Dec 7	63⅝ Dec 7	48 Jun 25	62⅜ Nov 26
1,000	1,100	New common wi	10	--	--	--	--	31¼	31¾	30⅞ Dec 5	31⅜ Dec 27	30⅞ Dec 5	31⅜ Dec 27
----	1,300	Diamond National Corp	1	53¼	Sale	--	--	--	--	-- ------	-- ------	42 Jun 22	53¼ Jan 2
4,150	66,550	Dodge Manufacturing	5	29½	Sale	28¼	Sale	29	Sale	28¼ Dec 3	29 Dec 14	25⅜ Oct 24	34⅞ Mar 5
7.000	151,400	Dow Chemical Co	5	71⅜	Sale	57⅝	Sale	56½	Sale	56 Dec 19	59½ Dec 5	40 Jun 27	72½ Jan 4
----	4,000	Drewry's Ltd USA Inc	1	30¼	30¾	--	--	--	--	-- ------	-- ------	22¼ May 24	30¾ Feb 12
2.300	10,100	du Pont (E I) (Un)	5	--	--	231⅝	Sale	239	240	231⅝ Dec 3	238¾ Dec 27	166 Jun 27	238¾ Dec 27
2,400	21,500	Eastern Air Lines Inc	1	26½	Sale	20⅛	20⅝	19	19¾	19¾ Dec 28	22½ Dec 6	16¼ Jun 28	27½ Jan 23
4,000	43,700	Eastman Kodak (Un)	10	109⅞	Sale	108	Sale	108¼	108¾	106¾ Dec 18	110 Dec 13	85½ Jun 25	115⅝ Mar 15
56,700	241,900	El Paso Natural Gas	3	25⅞	Sale	17	Sale	16¾	Sale	16¼ Dec 24	17¼ Dec 4	15⅛ Oct 19	26⅜ Jan 25
----	1,237	Elder Manufacturing Co	7.50	--	14	12½	Sale	12¼	--	12½ Dec 3	12½ Dec 3	12¼ Mar 8	12½ Jan 29
----	3,300	Elgin National Watch	5	14¾	Sale	--	--	--	--	-- ------	-- ------	8⅜ Jun 25	16 Jan 5
5,350	37,550	Emerson Electric Mfg	1	--	--	28½	29	28⅝	Sale	29 Dec 11	30 Dec 21	23 Oct 24	42 Feb 13
----	4,500	Emerson Rad & Pho (Un)	5	12⅜	Sale	--	--	--	--	-- ------	-- ------	12⅜ Jan 2	15¼ Mar 22
18.400	141,800	Fairbanks-Whitney Corp	1	8¼	Sale	4⅞	Sale	4¼	Sale	4¼ Dec 29	5 Dec 5	4 Oct 24	8⅞ Feb 15
4,800	34,800	Fairchild Camera & Instrument Corp	1	59½	60¼	46¾	Sale	45⅜	Sale	45 Dec 24	50⅝ Dec 5	31⅝ Jun 13	69⅞ Mar 14
----	3,600	Falstaff Brewing Corp	1	37½	38¼	--	--	--	--	-- ------	-- ------	28¼ Nov 2	38⅛ Feb 6
4,600	103,600	Firestone Tire & Rub (Un)	*	43¼	44¼	33⅛	Sale	25⅜	Sale	32½ Dec 11	35½ Dec 28	25⅜ Oct 24	48⅜ Mar 22
3,000	51,600	First Wisconsin Bankshs	5	59¾	60½	45¼	Sale	45¼	Sale	43 Dec 28	47 Dec 10	37¾ Jun 25	60 Jan 3
4,200	18,350	Flour Mills of America Inc	1	8½	8⅞	6	6½	7½	Sale	6 Dec 10	8½ Dec 31	6 Jun 28	8½ Jan 3
21,700	166,900	Ford Motor Co	2.50	--	--	45	Sale	45⅜	Sale	44¼ Dec 11	47 Dec 26	36⅛ Jun 27	47 Dec 26
3.600	55,000	Foremost Dairies Inc	2	13½	13¾	9¼	Sale	8⅜	Sale	8⅜ Dec 17	9¼ Dec 3	7⅛ Oct 24	14⅜ Jan 4
5,200	64,200	Fruehauf Trailer Co	1	25½	Sale	24⅝	Sale	24⅞	Sale	24 Dec 11	25⅛ Dec 10	17⅝ May 29	27⅛ Feb 16
3,400	27,550	FWD Corp	10	9	9¼	8⅞	Sale	8⅜	8¾	8¾ Dec 7	9¼ Dec 24	6⅞ Aug 3	10½ Mar 16
1.800	14,100	General Amer Transport	1.25	84	85	67	67¾	70½	Sale	67 Dec 12	71½ Dec 17	53 Jun 26	86 Feb 6
3,000	18,100	General Bankshares Corp	2	11	11⅜	8⅛	8⅜	8¾	9	8½ Dec 4	8⅞ Dec 20	7⅞ Nov 2	10¾ Jan 3
6,800	99,450	General Box Corp	1	3⅜	3½	2½	2⅝	2⅜	Sale	2⅜ Dec 12	2⅝ Dec 6	2⅜ Sep 19	3⅝ Jan 10
586	9,575	General Candy Corp	5	12	14	9⅞	10	10	Sale	9⅜ Dec 20	10 Dec 4	9⅜ Dec 20	15 Mar 2
6,600	73,000	General Contract Finance	2	6	6⅜	5¼	Sale	5⅛	Sale	5⅛ Dec 31	5½ Dec 7	4½ Oct 25	6⅝ Apr 23
14,500	237,200	General Dynamics	1	29⅜	Sale	30¾	Sale	28½	Sale	28¼ Dec 28	32 Dec 5	19 May 29	36⅝ Feb 2
13.700	201,800	General Electric (Un)	5	75¼	Sale	74½	Sale	76⅞	Sale	74¼ Dec 3	77¼ Dec 12	54⅜ Jun 25	78⅛ Mar 12
3,700	85,300	General Foods Corp	*	93⅝	94	74⅜	Sale	78	Sale	74 Dec 11	78 Dec 31	59⅞ Jun 25	95½ Jan 4
5,300	64,000	General Mills	3	33¾	Sale	30	30¾	31⅝	Sale	30⅝ Dec 26	32 Dec 5	22½ May 29	33¾ Jan 2
68,700	789,000	General Motors Corp	1.66⅔	57⅛	Sale	55⅜	Sale	58⅛	Sale	55 Dec 3	59½ Dec 20	45⅛ Jun 25	59½ Dec 20
5,400	40,800	General Portland Cement	1	29¼	29¾	19⅝	Sale	17⅝	Sale	17⅛ Dec 21	19⅝ Dec 3	15½ Oct 23	30⅜ Feb 14
800	9,200	Gen Public Util (Un)	2.50	33¼	33⅝	31⅜	31⅝	32	32⅜	30¾ Dec 12	31⅝ Dec 24	25⅝ Jun 27	37 Mar 21
21,100	357,100	General Telephone & Electronics Corp	3.33⅓	29	Sale	23½	Sale	22¾	Sale	22½ Dec 24	24¼ Dec 6	18½ Oct 24	29 Jan 2
11,000	77,200	General Tire & Rubber	30c	--	--	22⅜	Sale	20⅝	Sale	20⅜ Dec 28	23⅞ Dec 5	16⅛ Oct 22	29½ Apr 6
----	6,750	Genesco Inc	1	40¾	41¼	--	--	--	--	-- ------	-- ------	33¾ July 18	41⅜ Jan 15
13,600	182,500	Gillette (The) Co	1	54⅜	Sale	32	Sale	31⅝	Sale	30⅛ Dec 19	33⅛ Dec 4	28⅜ Oct 24	54⅞ Jan 2
700	9,300	Glen Alden Corp (Un)	1	12⅞	13⅛	11	Sale	9¾	10	10⅛ Dec 21	11 Dec 3	8¾ Jun 15	14⅝ Feb 14
700	10,300	Glidden Co (Un)	10	43⅞	Sale	36¾	37¼	35⅜	36	35⅛ Dec 18	38 Dec 7	34⅜ Oct 29	45½ Feb 14
200	7,650	Goldblatt Brothers	8	15½	17	14¼	14¾	15	Sale	14¼ Dec 21	15 Dec 31	13¼ July 24	17 Mar 8
13.200	178,700	Goodyear Tire & Rubber	*	44⅜	Sale	32½	Sale	32¾	Sale	31¼ Dec 10	33½ Dec 17	25 Oct 24	44⅝ Jan 2
1,100	21,200	Gossard Co (W H)	*	--	--	17	17½	17¼	18	16¾ Dec 12	17½ Dec 28	12½ May 29	20 Aug 27
5,100	50,800	Granite City Steel	6.25	48½	49	29⅝	Sale	27¼	Sale	26 Dec 24	30¾ Dec 4	21¾ Oct 19	47 Jan 12
7,550	82,150	Gray Drug Stores	1	24¾	Sale	14¾	15	13⅞	Sale	13⅝ Dec 31	15 Dec 4	13⅛ Oct 30	24⅞ Jan 9
2,300	29,800	Great Lakes Dredge & Dk	*	48⅞	Sale	44	44½	44¾	Sale	43 Dec 12	44¾ Dec 4	39 May 29	50 Mar 9
1,350	4,516	Gt Lakes Towing Co com	*	45	48	27¾	38	28½	Sale	28 Dec 13	30 Dec 28	28 Dec 13	48 Feb 21
----	419	7% non-cum preferred	100	--	--	100	--	100	--	-- ------	-- ------	95 Jan 29	103¼ July 9
521	5,230	Greif Bros Cooperage cl A	*	--	--	58	--	60	Sale	55 Dec 31	60 Dec 31	52 Oct 9	66¼ Feb 12
5,700	68,600	Greyhound Corp (Un)	3	25	Sale	32⅛	Sale	31¾	Sale	31⅛ Dec 11	32½ Dec 6	22⅝ Jun 27	32⅝ Nov 29
341	7,894	Griesedieck Co	1	14½	--	12¼	--	12⅜	--	12⅜ Dec 13	12½ Dec 17	11⅞ Aug 13	15 Mar 16
16,400	142,900	Gulf Oil Corp	8.33⅓	41½	Sale	38⅝	Sale	39⅞	Sale	38¼ Dec 3	40 Dec 20	31¼ Oct 24	44⅛ Apr 19
5,100	32,200	Gulf States Utilities Co	*	39¼	39¾	35¾	36¼	34¼	Sale	34 Dec 19	36¾ Dec 5	29⅜ Jun 28	43½ Apr 10
----	20,000	Hall Printing Co	5	--	--	--	--	--	--	-- ------	-- ------	28 Nov 16	29 Aug 20
----	8,700	Hammond Organ Co	1	--	--	--	--	--	--	-- ------	-- ------	18⅞ Nov 9	28 Apr 26
4,000	9,700	Hanna (M A) Co	2.50	--	--	27⅜	27⅝	26¾	Sale	26 Dec 21	27⅞ Dec 4	22¼ Oct 19	28⅛ Nov 26
1,850	38,550	Heileman (G) Brewing	1	17⅞	Sale	15½	Sale	15¾	Sale	15¼ Dec 4	16¼ Dec 7	13¾ Jun 25	18 Jan 4
1,450	37,450	Hein-Werner Corp	3	12	Sale	15	Sale	15	Sale	14 Dec 12	15¼ Dec 3	11½ Jun 25	15¼ Dec 3
3,100	31,800	Heller (W E) & Co	25c	--	--	17¾	Sale	17⅞	Sale	17⅛ Dec 18	18½ Dec 4	11⅞ May 29	18⅞ Apr 6
1,500	25,200	Hertz Corp	1	64¼	64¾	43	43½	43⅞	44¼	44 Dec 4	47 Dec 20	35¾ Oct 18	64⅜ Jan 5
386	1,639	Hibbard Spencer Barlett	25	136	--	150	155	--	153	149 Dec 12	151 Dec 7	135 Jan 24	156 Nov 23
650	5,750	Holmes (D H) Co Ltd	20	32¼	33¼	23¾	24⅜	23¼	Sale	23¼ Dec 27	24 Dec 4	21 Oct 30	33 Jan 22
6,900	127,900	Howard Industries Inc	1	9¼	Sale	6½	6¾	6¾	Sale	6⅜ Dec 7	6¾ Dec 21	6⅜ Nov 29	9⅝ Jan 4
2,600	50,700	Hupp Corp	1	8	8⅛	7⅞	8	8	8¼	7½ Dec 20	8 Dec 6	5½ May 29	9⅝ Mar 23
1,350	15,350	Huttig Sash & Door	10	27½	28	25	25½	24½	25¼	24 Dec 19	25½ Dec 4	23 Jun 22	28½ Mar 16
2,770	51,270	Illinois Brick Co	10	31¼	Sale	18⅞	Sale	19	Sale	18½ Dec 20	19¼ Dec 14	18 Jun 29	31⅞ Jan 8
3,100	32,400	Illinois Central RR	*	42½	Sale	40¾	41¼	39⅞	Sale	39½ Dec 18	42⅝ Dec 5	32 Jun 27	46¾ Feb 2
----	200	Indianapolis Pow & Lt	*	--	--	--	--	--	--	-- ------	-- ------	27¾ Oct 23	27¾ Oct 23
9,700	109,700	Inland Steel Co	*	47¾	48¼	40½	Sale	37½	Sale	35⅛ Dec 24	40½ Dec 3	31½ Jun 26	48¼ Jan 3
4.850	56,950	Interlake Steamship Co	*	27¼	Sale	26	Sale	25⅜	Sale	24 Dec 21	26 Dec 3	23¾ Nov 9	30⅜ Apr 11
3,400	138,200	Int'l Harvester Co	*	52	52⅜	49¼	Sale	50	Sale	47⅜ Dec 18	50¼ Dec 7	43¾ Oct 24	57⅜ Mar 1
700	18,800	Int'l Minerals & Chem	5	46½	Sale	43⅝	44⅛	41	41½	41⅛ Dec 21	44 Dec 5	34⅛ Jun 22	56¼ Feb 16
1,300	33,900	Int'l Nickel Co (Un)	*	84¾	85¼	64⅛	Sale	62⅝	Sale	61¼ Dec 20	64⅛ Dec 3	52½ Oct 23	85 Jan 4
----	5	International Packers	1	--	--	--	--	--	--	-- ------	-- ------	13⅛ Sep 4	13⅛ Sep 4
16,900	172,400	Internatl Paper (Un)	2.50	37⅜	Sale	27⅞	Sale	26¾	Sale	26 Dec 19	28¾ Dec 10	23 Oct 23	38⅛ Mar 16
5,400	31,600	International Shoe Co	*	27⅝	Sale	24⅞	Sale	24¾	Sale	24 Dec 27	25⅞ Dec 10	22 Oct 24	28¾ Feb 27
61,300	128,500	Int'l Tel & Tel (Un)	*	57	57½	43¼	43½	42⅜	Sale	41⅞ Dec 26	45 Dec 5	33¼ Jun 27	58 Feb 16
----	12,650	Interstate Power Co	3.50	25	25¼	--	--	--	--	-- ------	-- ------	18 May 29	25½ Jan 3
7,100	78,000	Jefferson Electric Co	5	9⅞	Sale	9⅛	Sale	9	Sale	8¼ Dec 27	9⅛ Dec 3	7⅝ Nov 2	10⅞ Mar 29
1,500	26,800	Johns Manville Corp (Un)	5	56⅝	57	45	Sale	43	Sale	42¾ Dec 17	45⅛ Dec 7	39 Sep 24	59⅞ Feb 13
20	4,262	Johnson Stephens Shinkle	*	5¼	6½	--	--	6	6⅜	5⅞ Dec 27	5⅞ Dec 27	5 Jun 11	6¼ Feb 12
3,600	50,800	Jones & Laughlin Steel (Un)	10	72½	73	49½	Sale	47⅝	Sale	46 Dec 19	49⅝ Dec 3	40 Oct 18	72 Feb 8

*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 December Shares	Aggregate Sales for Year 1962 Shares	Midwest Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
6,200	38,200	Kaiser Alum & Chem	33⅓	32⅝	Sale	33¾	34¼	35	Sale	32 Dec 13	36⅛ Dec 27	25⅝ Jun 15	37 Mar 16
200	7,100	Kansas Pwr & Lt (Un)	8.75	47¾	48¼	46½	47½	47¼	48	47½ Dec 10	48¾ Dec 13	38 Jun 26	49½ Feb 21
200	200	Katz Drug Co	1	--	--	--	--	--	--	10 Dec 18	10 Dec 18	10 Dec 18	10 Dec 18
3,900	61,700	Kennecott Copper (Un)	*	84	84½	67½	Sale	65⅛	Sale	65⅛ Dec 21	67¾ Dec 7	60 Oct 22	85½ Jan 5
5,800	56,400	Kimberly-Clark Corp	5	78⅝	79	53⅝	Sale	53⅝	54	53⅝ Dec 3	58 Dec 10	46½ Oct 25	78½ Jan 3
1,800	36,000	Knapp Monarch Co	1	5⅝	5⅞	6⅜	Sale	6½	6⅞	6⅜ Dec 3	6⅝ Dec 24	5½ Jun 28	9 Mar 28
1,300	18,100	Laclede Gas Co	4	30¾	Sale	25¾	26¼	27½	28	26⅝ Dec 18	28 Dec 11	21 May 29	31⅛ Jan 15
1,950	14,950	Leath & Co	*	24⅛	25	19	19¾	19¼	Sale	19 Dec 5	19⅜ Dec 17	18⅛ Nov 19	25⅞ Feb 15
9,800	169,900	Libby McNeil & Libby	7	13¾	Sale	11⅝	Sale	12⅝	Sale	11 Dec 11	12⅞ Dec 27	9⅞ Oct 24	17⅛ Mar 12
3,300	29,800	Liggett & Myers Tob (Un)	25	109	Sale	68	68¾	66	Sale	66 Dec 31	68⅜ Dec 4	64 Oct 23	110 Feb 5
3,550	66,850	Lincoln Printing Co com.	50c	20	Sale	9⅛	Sale	9¼	Sale	8 Dec 14	9⅝ Dec 27	8 Dec 14	21 Jan 2
----	100	$3.50 preferred	*	44	--	--	48	33	46	-- ------	-- ------	46 Aug 1	46 Aug 1
5,100	75,300	Ling Temco Vought	50c	25	25½	17¼	17¾	16	Sale	15⅞ Dec 31	18⅝ Dec 5	15 Jun 27	25½ Jan 22
3,500	109,000	Lockheed Aircraft (Un)	1	45½	46	51⅝	Sale	53¾	54¼	51 Dec 6	55¾ Dec 20	35 May 29	55¾ Dec 20
2,800	51,700	Lorillard (P) Co (Un)	5	61	61½	43¾	44⅛	42¼	42⅝	42 Dec 18	43⅝ Dec 5	36¾ Oct 24	63⅜ Feb 8
----	100	Louisville Gas & Electric	*	--	--	--	--	--	--	-- ------	-- ------	27⅞ July 6	27⅞ July 6
1,100	16,600	Lytton's (Henry C) & Co	1	10	10¼	8½	9	8¼	8½	8¼ Dec 24	8½ Dec 4	8¼ Dec 24	10⅛ Feb 23
----	500	Madison Square Garden	1	--	--	--	--	--	--	-- ------	-- ------	3 Jan 22	3 Jan 22
4,000	75,100	Marathon Oil Co	*	--	--	43⅜	43¾	44	Sale	43⅜ Dec 4	44¾ Dec 14	36⅝ Aug 17	47¼ Feb 13
3,500	26,080	Marquette Cement Mfg	4	53¾	54¼	36¾	Sale	36½	37	35 Dec 21	38 Dec 11	31 July 31	55 Feb 13
6,700	54,400	Marshall Field & Co	*	44¼	45	34⅜	Sale	33⅝	Sale	33⅝ Dec 27	36½ Dec 5	30 Aug 30	46½ Mar 15
23,900	181,326	Martin-Marietta Corp	1	27	Sale	21⅝	Sale	21¼	Sale	21 Dec 24	24 Dec 5	18 May 28	28¾ Jan 2
700	24,700	McCrory Corp	50c	21⅝	Sale	17	Sale	16	16¼	16⅛ Dec 24	17¼ Dec 7	15¾ Nov 27	25⅛ Jan 19
80	2,838	McKay Machine Co	*	67¾	Sale	49½	--	47	49½	48¼ Dec 28	49½ Dec 6	48¼ Dec 28	67½ Jan 15
----	1,900	McKee (Arthur G) & Co	*	--	--	--	--	--	--	-- ------	-- ------	12½ Oct 9	14 July 24
2,300	28,750	Means (F W) & Co com	*	37¾	Sale	34¼	Sale	35¼	35½	33¾ Dec 10	35¼ Dec 27	32¾ Aug 10	40 Apr 11
----	210	$7 conv preferred	*	--	192	--	--	--	--	-- ------	-- ------	165½ Aug 10	196 Apr 16
1,200	23,700	Merck & Co (Un)	16⅔c	89⅜	Sale	79½	80	77½	78¼	77¾ Dec 27	81½ Dec 6	60⅜ Jun 25	94½ Mar 23
3,500	9,900	Merritt Chapman & Scott	12½	10⅞	Sale	12	12¼	12	Sale	12 Dec 4	12½ Dec 7	8½ May 28	13 Aug 20
7,400	53,100	Metropolitan Brick Inc	4	7	Sale	4⅜	4½	5½	Sale	4⅛ Dec 6	5½ Dec 31	4 Jun 13	7⅛ Apr 17
1,021	6,863	Meyer Blanke Co	*	11½	13	9½	10½	9⅛	--	9 Dec 21	9½ Dec 4	9 Sep 19	13½ Apr 4
550	15,200	Mickelberry's Food Prod	1	16⅛	Sale	17¼	Sale	17	Sale	17 Dec 5	17¼ Dec 3	15¾ Jun 8	18⅝ Feb 9
2,100	57,400	Middle South Utilities	10	36¾	Sale	34⅜	Sale	36⅛	36½	34¼ Dec 3	37¾ Dec 19	25⅜ May 29	39 Apr 16
13,300	88,300	Minneapolis Brewing Co	1	14⅜	Sale	9¼	Sale	10	Sale	9¼ Dec 3	10 Dec 24	9¼ Oct 25	14½ Jan 2
23,500	317,500	Minn Min & Mfg (Un)	*	66¾	Sale	54¾	Sale	52¾	Sale	52½ Dec 18	57¾ Dec 5	41¼ Jun 25	70¼ Feb 7
4,700	40,100	Mississippi River Fuel	10	39¼	Sale	35⅞	Sale	37⅞	38⅜	35⅛ Dec 14	38⅜ Dec 27	30½ Oct 24	40⅜ Mar 15
1,000	42,250	Modine Manufacturing Co	*	35¾	Sale	27	Sale	27	Sale	25¾ Dec 3	27 Dec 3	22⅜ Oct 24	42½ Jan 24
510	7,107	Monroe Chemical Co	*	5⅝	--	4	5	4	4⅞	4 Dec 17	4½ Dec 6	4 Jun 21	7½ Feb 23
17,000	120,000	Monsanto Chemical (Un)	2	52⅛	Sale	48½	Sale	49⅝	Sale	48½ Dec 3	50½ Dec 10	35¼ Jun 25	52⅜ Jan 2
23,700	272,000	Montgomery Ward & Co	*	34¼	Sale	34	Sale	32¾	Sale	32½ Dec 24	34½ Dec 5	24¾ Oct 24	37⅛ Apr 11
400	12,500	Morris (Philip) Inc (Un)	5	108½	109½	76¾	77½	73½	74	74½ Dec 12	75 Dec 10	65 Oct 31	106¾ Jan 4
4,800	49,800	Motorola Inc	3	85¾	86½	61½	62¼	61¾	Sale	61½ Dec 28	65½ Dec 6	51⅛ Oct 23	88 Mar 16
----	800	Mt Vernon (The) Co com	1	¼	⅝	--	--	--	--	-- ------	-- ------	¼ Jan 8	¼ Jan 8
----	3,335	50c conv preferred	5	⅝	--	--	--	--	--	-- ------	-- ------	⅝ Feb 8	1⅛ Jan 8
1,400	4,500	Muter Co	50c	6½	6⅞	4½	5	4	4½	4 Dec 28	4⅝ Dec 5	3⅞ Oct 26	6¾ Jan 17
300	8,900	Nachman Corp	5	--	--	--	--	4⅞	Sale	4¾ Dec 17	4⅞ Dec 31	3½ Oct 15	7 Jan 10
1,400	26,800	Nat'l Cash Register (Un)	5	132¼	Sale	83¾	84½	80¼	80¾	79½ Dec 19	86¼ Dec 4	68½ Oct 24	132¼ Jan 2
12,300	75,000	Nat'l Distillers & Chem Corp (Un)	5	27½	Sale	24⅜	Sale	24¼	Sale	23⅛ Dec 18	25⅛ Dec 5	21 Oct 24	30⅜ Apr 23
2,900	58,100	Nat'l Gypsum Co (Un)	1	55	55¾	40	Sale	40¼	40¾	39¾ Dec 19	41⅝ Dec 10	34¾ Oct 22	55¾ Jan 3
----	40,200	National Lead Co (Un)	5	95	95½	--	--	--	--	-- ------	-- ------	70 July 20	95½ Feb 1
1,100	20,300	National Tile & Mfg	1	4¼	4⅝	3	3¼	3¼	3½	3⅛ Dec 26	3¾ Dec 14	3 July 6	5¼ Feb 16
2,600	36,000	New York Central RR	1	18	Sale	15	15⅛	14⅝	14⅞	15 Dec 28	16⅝ Dec 5	11 Jun 14	20¾ Jan 12
8,900	76,950	Nor Amer Aviation (Un)	1	61	61⅜	68½	Sale	66⅝	67	66½ Dec 27	70¼ Dec 5	48½ May 29	71¼ Jan 29
2,200	18,800	North American Car Corp	7	--	--	23⅝	24⅛	25⅛	Sale	23⅜ Dec 10	25⅛ Dec 31	20⅛ May 25	28½ May 4
300	6,150	Northern Illinois Corp	*	17⅛	17½	13½	14½	15	15½	14 Dec 19	16 Dec 27	13½ Oct 24	18¼ May 11
27,000	246,600	Northern Illinois Gas Co	5	58¾	Sale	58½	Sale	59	Sale	56½ Dec 24	60½ Dec 11	46⅜ Jun 27	68¾ Apr 9
33,300	333,700	Northern Indiana Public Service Co	*	43	Sale	41½	Sale	44¾	Sale	41 Dec 10	44⅞ Dec 28	32 May 29	49¾ Mar 22
2,500	32,500	Northern Natural Gas Co	10	44¾	45⅛	42	42¾	43	Sale	43 Dec 19	44½ Dec 13	35⅜ May 29	48 Apr 17
4,400	42,200	Northern Pacific Ry (Un)	5	43	Sale	38	38¼	39¾	40¼	34⅛ Dec 18	40⅛ Dec 28	30¼ Oct 24	44¼ Jan 3
5,600	64,200	Northern States Power (Minn) (Un)	5	33⅛	Sale	32½	Sale	35½	Sale	31½ Dec 3	35½ Dec 31	25½ May 29	37¾ Mar 16
5,200	105,600	Northwest Bancorp	3.33	60	Sale	43	Sale	44	44¾	42½ Dec 3	44⅛ Dec 28	36⅜ Oct 25	50¼ Jan 2
2,700	43,900	Oak Manufacturing Co	1	15¾	16	13	13½	13⅛	Sale	12¼ Dec 17	13½ Dec 27	12⅛ Oct 24	20⅛ Feb 18
1,300	29,100	Ohio Edison Co	15	49¼	Sale	44⅜	44⅞	46⅞	47¼	44¾ Dec 5	47¼ Dec 18	38½ Jun 26	49¼ Jan 2
200	13,100	Oklahoma Nat Gas Co	7.50	38¼	38¾	34¾	35¼	36⅝	37⅛	35 Dec 7	35 Dec 7	30 Oct 24	40⅞ Feb 27
12,100	77,700	Olin Mathieson Chemical	5	39⅞	Sale	33⅛	Sale	31⅛	Sale	30½ Dec 19	35 Dec 29	26¼ Jun 25	41 Jan 4
----	3,300	Owens-Illinois Glass Co	6.25	94½	94⅞	--	--	--	--	-- ------	-- ------	64⅜ Jun 25	91½ Jan 12
3,100	48,000	Pacific Gas & Elec (Un)	10	--	--	29¾	Sale	31⅞	Sale	29¾ Dec 3	32 Dec 13	25½ May 29	36½ Feb 20
1,100	44,800	Packaging Corp of Amer	5	20	Sale	16⅞	17¼	15⅞	16¼	15¼ Dec 20	16⅞ Dec 10	14¾ Nov 5	23½ Mar 2
2,300	28,400	Pan American World Airways Inc (Un)	1	21⅞	Sale	21⅞	22⅛	21⅜	21⅝	21 Dec 7	23 Dec 20	16 Jun 25	24⅝ Feb 14
200	4,400	Paramount Pictures (Un)	1	56	56½	34¾	35¼	36	Sale	36 Dec 31	36⅝ Dec 5	34¾ Nov 30	57 Mar 16
45,000	206,900	Parke-Davis & Co	*	36⅛	Sale	27⅛	Sale	24⅞	Sale	24⅛ Dec 24	27⅛ Dec 3	19⅛ Oct 24	38¾ Mar 15
----	200	Parker Pen Co class B	2	--	--	--	--	--	--	-- ------	-- ------	22⅜ Apr 27	22¾ Apr 6
13,400	88,900	Peabody Coal Co	5	31¾	Sale	29	29¼	30⅝	31	30 Dec 18	31 Dec 28	22¾ Jun 21	35 Feb 1
15,500	78,100	Pennsylvania RR	10	16⅞	Sale	13¾	Sale	12⅞	Sale	12⅝ Dec 28	14¾ Dec 5	10⅜ Jun 28	18⅞ Feb 5
4,200	83,500	Peoples Gas Lt & Coke	*	52⅜	Sale	50⅜	50¾	47⅝	Sale	47 Dec 19	52 Dec 4	39¾ Jun 25	52½ Mar 9
1,100	46,400	Pepsi-Cola Co	33⅓c	55	55½	42¼	42½	47¾	48	42⅜ Dec 7	48¼ Dec 27	33¾ Oct 24	55½ Feb 15
8,500	121,800	Pfizer (Charles)(Un)	33⅓c	50	Sale	44⅞	Sale	47	47¼	44 Dec 13	46⅞ Dec 6	34⅛ Oct 24	57¼ Mar 19
1,700	33,300	Phelps Dodge (Un)	12.50	61⅜	Sale	53½	Sale	54½	54⅞	52¾ Dec 3	53½ Dec 3	45¼ Oct 2	62¼ Jan 4
4,800	92,000	Phillips Petroleum Co (Un)	5	--	--	50	Sale	48¾	Sale	48¾ Dec 31	53¾ Dec 7	42½ Oct 24	59⅞ Mar 14
25	7,253	Potter Co (The)	1	15	Sale	16½	18	16½	18½	17½ Dec 5	17½ Dec 5	12½ Aug 6	19 Mar 5
----	233	Process Corp	*	16½	25	--	--	14¾	--	-- ------	-- ------	14¾ Oct 16	16½ Apr 11
3,600	60,300	Procter & Gamble (Un)	*	91¾	Sale	71⅝	Sale	70⅝	Sale	70½ Dec 28	74⅜ Dec 6	57⅛ Jun 25	91¾ Jan 2
2,300	24,500	Public Serv Corp of Ind	*	--	--	33¼	33¾	32⅞	33¼	32¼ Dec 24	33⅞ Dec 10	24½ May 29	34¼ Nov 23
4,900	108,000	Pullman Co (Un)	*	37¾	Sale	25⅝	Sale	24	24⅜	23½ Dec 18	25¾ Dec 5	20½ Oct 23	38½ Mar 9
6,600	46,900	Pure Oil Co	5	33⅛	Sale	35⅞	Sale	37⅝	37⅞	34⅞ Dec 11	38⅛ Dec 26	28¾ Jun 25	38⅛ Dec 26
1,800	21,700	Quaker Oats Co	5	87¼	Sale	64	64½	61½	Sale	61½ Dec 31	65½ Dec 7	56⅜ Sep 20	89 Feb 15
5,300	94,000	Radio Corp of Amer (Un)	*	53¾	Sale	56¾	Sale	57⅜	Sale	55⅝ Dec 18	60 Dec 5	38⅞ Jun 27	63¾ Mar 13
----	220	Rath Packing Corp	10	--	--	--	--	--	--	-- ------	-- ------	12½ Oct 16	18⅛ Jun 7
5,100	48,400	Raytheon Company	5	38	Sale	31⅜	Sale	27½	Sale	27½ Dec 24	32⅝ Dec 5	25 May 29	40¾ Feb 15
9,000	152,700	Republic Steel (Un)	10	58⅝	Sale	37	Sale	34½	Sale	34 Dec 17	37⅜ Dec 4	28 Oct 22	59½ Jan 4
4,700	52,500	Revlon Inc	*	66⅛	Sale	42⅝	Sale	40½	Sale	40½ Dec 28	44½ Dec 4	33½ Oct 24	67 Mar 13
7,500	46,400	Rexall Drug & Chemical (Un)	2.50	52⅝	Sale	29½	Sale	32¾	Sale	27⅞ Dec 14	33¼ Dec 27	21 Sep 27	52⅝ Jan 2
19,500	163,200	Reynolds Metals Co (Un)	*	39¼	Sale	25¼	Sale	23½	Sale	22⅝ Dec 18	25¼ Dec 3	20⅞ Jun 25	41 Jan 4
23,500	189,800	Reynolds (R J) Tob (Un)	5	80	Sale	42½	Sale	41⅛	Sale	39⅞ Dec 19	42½ Dec 3	34⅝ Oct 23	80¼ Jan 2
3,600	57,700	Richman Bros Co	*	30⅛	Sale	29¼	Sale	27⅞	Sale	27¾ Dec 27	30 Dec 11	26½ Oct 26	31⅞ Feb 8
----	400	Rockwell-Standard Corp	5	35¼	35¾	--	--	--	--	-- ------	-- ------	33⅞ Jan 11	35⅝ Jan 5
9,900	178,800	Royal Dutch Petrol (Un)	20g	34⅝	Sale	41¼	Sale	43⅝	Sale	41⅛ Dec 3	44 Dec 26	33¾ Jan 8	44 Dec 26

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

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	Midwest Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
206	3,655	St Louis Nat Stockyards	*	52	Sale	52	Sale	—	52½	52 Dec 3	53 Dec 3	45 Aug 30	55 Jan 12
18,800	172,800	St Louis Pub Serv cl A	12	10¼	Sale	13	Sale	13⅜	13½	13 Dec 3	13½ Dec 20	9¼ Apr 23	13½ Dec 20
7,100	39,900	St Regis Paper Co	5	36	36⅜	27⅛	27⅝	26½	Sale	26⅜ Dec 31	27⅜ Dec 12	22½ Oct 24	39 Mar 9
6,400	20,400	San Diego Imperial Corp	1	—	—	10¼	Sale	10	Sale	10 Dec 24	11⅛ Dec 7	8⅛ May 29	14⅝ Mar 5
1,200	12,400	Sangamo Electric Co	5	17⅞	Sale	12¾	13	11¾	Sale	11½ Dec 18	13 Dec 4	11 Aug 13	17⅞ Jan 2
2,600	34,600	Schenley Indus (Un)	1.40	26¾	27	20¼	Sale	18⅜	Sale	18⅜ Dec 31	20¼ Dec 3	16¼ Oct 25	26¼ Jan 5
3,700	55,700	Schering Corp (Un)	1	57	57¾	39	39½	40⅛	Sale	38⅜ Dec 24	41¼ Dec 5	31¼ Oct 3	60 Feb 2
444	20,474	Schwitzer Corp	1	58	Sale	54	59⅞	59	Sale	50 Dec 10	59 Dec 20	36½ Jun 25	62 Jan 10
12,200	173,400	Sears Roebuck & Co	3	88⅝	Sale	75¼	Sale	76⅞	Sale	74⅜ Dec 3	77¾ Dec 24	59⅛ Jun 25	88⅝ Jan 2
1,400	25,800	Servel Inc	1	13⅜	13⅝	9¾	10	9	Sale	9 Dec 18	9¾ Dec 4	7 Jun 25	14⅜ Jan 4
3,100	35,100	Shaeffer (WA) Pen Co cl A	1	8⅝	9	8½	Sale	8⅛	8⅝	8¼ Dec 18	8¾ Dec 5	8 May 14	9⅞ Jan 15
2,200	27,900	Class B	1	8⅝	Sale	8⅞	Sale	8¼	Sale	8¼ Dec 26	8⅞ Dec 3	8¼ May 29	10 Jan 16
7,700	65,400	Shell Oil Co	1	39	39⅜	33½	Sale	38⅛	Sale	33 Dec 5	38⅜ Dec 31	28¾ Oct 23	41 Mar 16
400	28,800	Signode Steel Strapping	1	32½	33	22⅜	22¾	24¼	24½	22⅛ Dec 4	24 Dec 19	19⅝ Jun 29	32⅝ Jan 9
13,500	150,500	Sinclair Oil Corp	5	38	Sale	35⅜	Sale	35⅝	Sale	33½ Dec 18	36¼ Dec 31	28⅝ Oct 24	40 Feb 2
9,500	125,500	Socony Mobil Oil (Un)	15	51⅛	Sale	56⅛	Sale	58¾	Sale	56 Dec 3	59¾ Dec 27	45 Jun 25	59¾ Dec 27
5,900	109,300	Southern Co (Un)	5	55¾	Sale	51¼	Sale	51½	Sale	49½ Dec 12	51¾ Dec 27	38⅜ Jun 26	57 Jan 9
6,600	82,200	Southern Pacific Co (Un)	*	27¾	Sale	29⅛	Sale	29¼	29½	28 Dec 11	30 Dec 5	21⅝ May 29	30¼ Feb 6
1,300	21,900	Southwest'n Pub Serv Co	1	33¾	34¼	31½	32	35	Sale	32¼ Dec 10	34½ Dec 20	23⅝ Jun 28	35⅛ Apr 23
----	168	Sparton Corp 6% pfd	100	80	96	89½	96	89½	96	-- ------	-- ------	80 Feb 6	90 Aug 23
48,900	375,200	Sperry-Rand Corp (Un)	50c	24	Sale	14	Sale	13⅞	Sale	12 Dec 18	14 Dec 3	10½ Oct 22	24⅛ Jan 2
5,700	40,300	Spiegel Inc	*	34¼	Sale	26¼	Sale	24¾	Sale	23¾ Dec 19	27 Dec 5	20⅝ Jun 25	38 Feb 23
500	12,700	Square D Co (Un)	5	35½	36	38	38½	36¼	36½	36⅝ Dec 12	37⅜ Dec 14	25 Jun 26	39 Jan 16
----	540	Standard Brands (Un)	*	—	—	--	--	--	--	-- ------	-- ------	54½ Jun 25	55⅛ Aug 22
500	2,400	Standard Dredging	1	8	8¼	7⅞	8¼	7¾	Sale	7¾ Dec 31	8¼ Dec 13	7¾ Dec 31	9¼ Aug 24
5,100	37,900	Stand Kollsman Ind (Un)	1	34¾	Sale	20⅝	20⅞	18⅝	Sale	18½ Dec 24	21⅝ Dec 5	15½ Oct 24	34¾ Jan 2
8,300	89,400	Stand Oil Co of Calif	6.25	54⅞	Sale	63⅜	Sale	62½	Sale	61 Dec 18	65⅝ Dec 5	51 Jun 15	65⅝ Dec 5
18,300	203,508	Standard Oil of Indiana	25	55	Sale	47¾	Sale	47⅝	Sale	47¼ Dec 17	49 Dec 6	40 Oct 24	58⅛ Feb 16
79,500	687,900	Standard Oil N J (Un)	7	50⅛	Sale	56	Sale	59⅜	Sale	56 Dec 3	59¾ Dec 26	45½ May 29	59¾ Dec 26
2,100	47,300	Standard Oil of Ohio	10	55	Sale	51¾	52¼	53	Sale	52⅛ Dec 12	53⅛ Dec 26	48½ Jun 25	59¾ Feb 12
6,700	38,800	Standard Packaging	1	21¾	22	14¾	15	14¼	Sale	14¼ Dec 28	16½ Dec 5	11⅞ Jun 25	23⅜ Mar 2
2,925	23,025	Stanray Corp	1	9½	Sale	7¼	Sale	7	Sale	6⅞ Dec 13	7⅜ Dec 19	6½ Nov 7	11¼ Mar 6
1,500	24,400	Stewart-Warner Corp	2.50	31	31½	30	Sale	30	Sale	27⅜ Dec 19	30⅛ Dec 5	23½ Jun 27	34 Mar 1
1,700	45,350	Storkline Corp	5	45½	46½	32	33	30	Sale	29¾ Dec 28	33 Dec 5	29¾ Dec 28	70 Apr 12
25,700	199,010	Studebaker-Packard (Un)	1	10	Sale	6¾	Sale	6⅛	Sale	6 Dec 28	6⅞ Dec 4	6 May 29	10⅝ Feb 13
2,000	56,900	Sunbeam Corp	1	55	Sale	37½	Sale	43	43½	37½ Dec 3	42 Dec 28	33½ Sep 6	58¼ Mar 16
800	24,500	Sunstrand Corp	5	21½	Sale	22¼	Sale	21⅝	22⅛	21⅝ Dec 11	24 Dec 5	18 May 29	24⅜ Mar 23
59,700	147,300	Sunray Mid-Continent Oil	1	27⅝	Sale	23⅜	Sale	25⅞	Sale	23⅜ Dec 3	25⅞ Dec 27	21¼ Oct 24	28⅝ Feb 8
5,500	55,000	Swift & Co	25	43¼	Sale	38¾	Sale	40¾	Sale	37 Dec 10	40 Dec 27	31½ Oct 24	49⅜ Feb 27
72,700	447,300	Tenn Gas Transmission	5	24	Sale	16¾	Sale	17⅞	Sale	15⅝ Dec 24	18 Dec 31	15⅜ Oct 31	25¼ Mar 5
15,712	176,812	Texaco Inc	12.50	57⅜	Sale	57⅛	Sale	61¾	Sale	57⅛ Dec 3	61¾ Dec 27	45⅛ Jun 25	61¾ Dec 27
17,100	189,600	Texas East'n Trans Corp	3.50	17⅜	Sale	15⅞	Sale	16½	Sale	15½ Dec 19	16½ Dec 31	14 Oct 24	18⅞ Mar 5
900	14,000	Texas Gas Transmission	5	38	Sale	40¾	43¾	41⅜	41¾	40 Dec 7	41⅝ Dec 24	35¼ Jun 26	45⅛ Apr 13
1,200	14,100	Texas Gulf Producing	3.33⅓	39¾	40¼	43	43¾	41¾	42½	42¼ Dec 21	44¾ Dec 5	34 Jun 22	51½ Apr 10
16,100	138,200	Texas Gulf Sulphur (Un)	*	21⅞	Sale	13⅜	Sale	14¼	Sale	13⅜ Dec 3	15⅜ Dec 13	11¼ Oct 22	23½ Jan 15
----	3,300	Texas Utilities	*	—	—	--	--	--	--	-- ------	-- ------	45 Oct 1	48¼ Oct 10
4,700	35,000	Textron Inc	50c	27	Sale	26¼	26¾	30	Sale	27 Dec 4	30 Dec 26	23 May 31	31⅛ Mar 9
500	12,300	Thompson Ramo-Wooldr	5	64¾	Sale	55¾	56⅜	52½	53	56¼ Dec 4	57¾ Dec 19	38½ Jun 25	65 Feb 16
----	3,600	Thor Power Tool Co	*	25¾	26¼	30⅜	30¾	29	29½	-- ------	-- ------	25¾ Jan 3	35¼ Apr 4
100	12,100	Toledo Edison Co	5	26½	26¾	24½	25	26⅛	26½	25⅞ Dec 14	25⅞ Dec 14	20¾ Jun 28	26⅞ Jan 3
4,000	5,150	Trane Co	2	—	—	—	—	—	—	65 Dec 7	65 Dec 7	52¼ July 27	74½ Mar 22
1,800	26,400	Transamerica Corp (Un)	2	46½	46⅞	43⅛	Sale	45⅜	Sale	43⅛ Dec 3	46⅝ Dec 20	29⅛ Jun 27	47¾ Feb 19
800	18,500	Trav-ler Industries	1	7	7¼	5⅛	5⅜	4⅛	Sale	4⅛ Dec 31	4¾ Dec 13	4 Oct 23	8⅛ Mar 2
2,200	34,500	Tri-Continental Corp (Un)	1	50⅞	Sale	42	Sale	42½	Sale	40⅞ Dec 14	43⅜ Dec 27	34½ Oct 23	51⅛ Jan 2
200	9,800	20th Cent-Fox Film (Un)	1	35¼	35¾	18⅞	19¼	20	20⅜	19⅝ Dec 18	21¼ Dec 7	17⅛ Oct 25	38⅜ Jan 17
87	1,915	208 So La Salle St Corp	*	70½	Sale	71	77	72½	77	72 Dec 4	73 Dec 18	68 Mar 16	73 Dec 18
600	15,820	Union Bag-Camp Paper	6⅔	37⅜	37⅞	36¼	Sale	34¾	35¼	34⅜ Dec 17	36¼ Dec 3	32¼ Oct 24	43½ Mar 8
4,200	77,400	Union Carbide Corp	*	120	Sale	104	Sale	100⅝	Sale	99⅝ Dec 18	105 Dec 7	83½ Jun 25	120½ Jan 3
4,100	39,100	Union Electric Co (Un)	10	47	Sale	48¾	Sale	48⅜	Sale	48 Dec 17	49 Dec 12	38½ May 29	51½ Apr 23
1,100	12,900	Union Oil of Calif	25	67	Sale	61⅜	61⅞	63	63⅜	61⅞ Dec 10	63 Dec 20	47¾ July 27	68 Jan 3
7,900	54,100	Union Pacific RR (Un)	10	34	Sale	34¼	34½	33⅝	Sale	32⅞ Dec 12	34¾ Dec 4	27½ May 29	34¾ Dec 4
----	62,300	United Aircraft Corp (Un)	5	42	42½	--	--	--	--	-- ------	-- ------	39½ May 29	50 Feb 5
2,900	66,000	United Airlines Inc	10	38¼	38¾	32¼	Sale	32¾	33	32⅛ Dec 17	34 Dec 5	21½ Jun 25	39 Jan 15
----	30,800	United Corp (Del) (Un)	1	8⅜	8⅝	--	--	--	--	-- ------	-- ------	6¾ Jun 25	8¾ Mar 9
3,100	67,000	United Fruit Co (Un)	*	25½	Sale	21¼	21½	21¾	Sale	21 Dec 19	22 Dec 6	17¾ Oct 24	30⅜ Feb 2
3,500	55,500	U S Gypsum	4	104½	Sale	77	Sale	73¼	Sale	73¼ Dec 31	78½ Dec 4	65⅜ Oct 24	104½ Jan 2
----	17,400	U S Industries Inc	1	21½	Sale	--	--	--	--	-- ------	-- ------	12⅛ Oct 25	24½ Mar 2
6,200	39,100	U S Rubber (Un)	5	55⅝	56	41	41½	40⅜	Sale	40⅛ Dec 24	42⅝ Dec 5	36 Oct 24	60⅜ Feb 9
36,200	410,800	U S Steel Corp com	16⅔	78⅛	Sale	46⅞	Sale	43⅝	Sale	43¼ Dec 11	48½ Dec 4	38 Oct 19	78⅝ Jan 4
300	300	7% preferred	100	--	--	--	--	--	--	147¾ Dec 12	149 Dec 21	147¾ Dec 12	149 Dec 21
7,200	68,600	Universal Match Corp	2.50	31½	Sale	15½	Sale	14	Sale	13⅝ Dec 19	16¼ Dec 5	11 Oct 24	31½ Jan 2
9,900	59,300	Universal Oil Products Co	1	60¼	60⅝	36¼	Sale	39¾	Sale	36¼ Dec 3	41 Dec 7	29¾ Oct 24	61 Mar 14
7,400	43,700	Upjohn Co (Un)	1	54⅝	Sale	33¾	Sale	33	Sale	32⅝ Dec 19	36 Dec 5	28⅞ Nov 1	54⅝ Jan 2
800	11,500	Walgreen Co	10	61½	Sale	46⅛	Sale	45¾	46½	45¾ Dec 4	46½ Dec 4	40 Jun 25	63⅜ Mar 22
24,200	213,500	Webcor Inc	1	14¼	Sale	7¼	Sale	6½	Sale	6½ Dec 28	7¼ Dec 3	6⅜ Nov 19	15⅞ Jan 4
7,200	49,800	Western Bancorporation	2	38½	Sale	31½	Sale	33¼	33⅝	31¼ Dec 4	34¼ Dec 17	25 Jun 25	38½ Jan 2
5,000	49,700	Western Union Teleg	2.50	39⅞	Sale	27	Sale	26⅜	Sale	25½ Dec 19	27¾ Dec 4	21½ Oct 24	41⅛ Jan 4
19,300	167,800	Westinghouse Electric	6.25	39⅛	Sale	32½	Sale	32	Sale	31⅛ Dec 11	33 Dec 5	25 Oct 22	39⅛ Jan 2
2,200	34,600	Whirlpool Corp	5	30⅝	31	34¾	Sale	36	Sale	34¾ Dec 3	36⅝ Dec 17	26¼ Jun 26	36⅝ Dec 17
100	6,700	White Motor Co	1	50½	51	--	--	--	--	42 Dec 21	42 Dec 21	35 Jun 22	52⅜ Jan 4
----	3,725	Wieboldt Stores Inc com	*	25	26	--	--	--	--	-- ------	-- ------	20 Apr 16	23½ Feb 7
----	480	$4.25 preferred	*	82	95	80	84⅞	79	84⅞	-- ------	-- ------	80 Sep 21	84⅞ Feb 6
1,500	10,200	Wilson & Co (Un)	*	48¾	Sale	39¾	40½	38	Sale	36¼ Dec 19	39⅜ Dec 7	34¼ Oct 23	55 Feb 9
1,400	20,200	Wisconsin El Pow (Un)	10	54½	Sale	56½	57	57½	58	56 Dec 11	57¾ Dec 20	45¼ Jun 27	60 Mar 20
1,200	13,958	Wisconsin Public Service	10	38⅞	Sale	42½	42	44½	45	42 Dec 4	44 Dec 28	34¼ May 29	44 Dec 28
1,800	12,000	Woolworth (FW) Co (Un)	10	92	Sale	67	67½	63⅜	Sale	63⅛ Dec 31	67½ Dec 4	56 Oct 25	92 Jan 2
8,200	52,300	World Publishing Co	1	14⅝	Sale	8½	Sale	9	Sale	8½ Dec 3	9¼ Dec 6	8½ Dec 3	16¼ Mar 28
400	2,600	Wrigley (Wm) Jr	*	129	131	99	100½	103½	104	99 Dec 7	104 Dec 26	92½ Jun 25	130¼ Jan 4
900	11,400	Yates-Amer Machine	5	14¾	15¼	13⅛	13⅞	14	14½	13¾ Dec 7	14 Dec 7	11½ Oct 18	17¼ Apr 5
900	15,850	Youngstown Sheet & Tube	*	104	104½	83½	84	84½	85	81¾ Dec 11	83¾ Dec 13	65⅜ Oct 22	106 Mar 29
8,500	155,800	Zenith Radio Corp	1	73⅜	Sale	53¾	Sale	55	Sale	53 Dec 19	57¼ Dec 5	43 Oct 24	75½ Mar 15
		BONDS											
--	1,000	Monroe Chemical 5s	1985	--	--	--	--	65	--	-- ------	-- ------	66 Aug 8	67 May 8

*No par value. ‡Corrected volume. a Deferred delivery sale r Cash sale. x Ex-dividend. (Un) Issue admitted to unlisted trading privileges. w 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—	1962	1961	Bond Sales—	1962	1961
December (Shares)	1,189,834	1,235,000	December	------	$12,600
Jan. 1 to Dec. 31 (Shares)	14,067,268	15,549,128	Jan. 1 to Dec. 31	$248,400	191,300

Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	Phila.-Balt.-Wash. Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	Highest Sale Prices
		LISTED ISSUES											
3,572	44,669	Acme Markets Inc	1	98¾	Sale	67¼	Sale	71¾	Sale	65¼ Dec 14	71¾ Dec 31	60¾ Oct 24	99½ Jan 2
160	7,978	Alan Wood Steel com	10	30½	31¼	14¾	15	12⅜	12⅝	12⅜ Dec 26	14¾ Dec 6	11⅝ Oct 19	30¾ Jan 4
----	107	5% preferred	100	78	82	65¼	67¼	63¾	65½	-- ------	-- ------	63¾ Sep 25	79¾ Jan 13
21,612	391,919	American Tel & Tel	33⅓	136	Sale	113½	Sale	115	Sale	112⅝ Dec 28	119¼ Dec 10	98⅛ May 29	136½ Jan 2
1,710	23,382	Arundel Corp	*	34	35	25¼	26¼	24	25	24½ Dec 11	25¾ Dec 5	24½ Dec 11	34¾ Jan 3
2,025	50,385	Atlantic City Electric	4.33	48¼	Sale	43⅛	Sale	43¼	Sale	40⅛ Dec 5	43¾ Dec 26	35 May 29	49¾ Jan 4
3,976	66,888	Atlantic Research Corp	1	31⅞	Sale	12⅞	Sale	13⅛	Sale	10½ Dec 5	14¼ Dec 12	10½ Dec 5	33¾ May 2
----	391	B S F Company	66⅔c	--	--	--	--	--	--	-- ------	-- ------	4⅝ Oct 26	14¼ Jan 22
1,790	20,497	Baldwin-Lima-Hamilton	13	14¾	Sale	13⅞	Sale	13	Sale	12½ Dec 19	14 Dec 3	11 Jun 25	19¼ Apr 23
2,646	79,270	Baltimore Transit Co	1	9⅝	Sale	8	8¼	8	8⅛	7⅞ Dec 17	8¼ Dec 6	7¼ May 29	9¾ Jan 2
1,537	33,536	Budd Co	5	13¼	13½	12⅜	Sale	11⅝	11⅞	11⅝ Dec 13	13 Dec 5	9⅜ May 29	15¾ Feb 8
1,242	17,591	Campbell Soup Co	1.80	114¾	Sale	93⅜	93⅝	96⅝	96⅞	91¼ Dec 14	97½ Dec 4	76½ Oct 22	122 Mar 28
180	780	Central RR of New Jersey	50	--	--	25	27	22	23½	22⅜ Dec 10	24½ Dec 6	22⅜ Dec 10	26¼ Nov 30
14,084	91,929	Chrysler Corp	25	49	Sale	69	Sale	72⅛	Sale	69 Dec 3	75⅛ Dec 26	38½ Jun 14	75⅛ Dec 26
1,084	25,036	Curtis Publishing	1	10⅛	Sale	6⅞	Sale	6	6¼	6 Dec 19	6⅞ Dec 3	5⅝ Jun 25	13⅝ Feb 20
		D C Transit System—											
----	1,114	Class A common	20c	11¾	12⅛	11	11¼	11	11¼	-- ------	-- ------	10⅜ Jun 26	12⅝ May 7
1,065	24,939	Delaware Pwr & Light	6.75	52	Sale	50⅛	Sale	47¼	Sale	45¼ Dec 18	50¾ Dec 4	38⅞ Jun 27	55⅜ Mar 19
4,143	68,920	Duquesne Light Co	5	31¼	Sale	29	Sale	30⅞	Sale	29 Dec 3	31⅛ Dec 20	24 May 29	32⅞ Mar 12
663	8,731	Electric Storage Battery	10	48½	Sale	49⅜	49⅝	50¼	Sale	48¾ Dec 19	50⅝ Dec 12	41¾ Jun 21	56 Feb 16
		Finance Co of America—											
426	4,334	Class A	5	--	--	25	Sale	--	--	25 Dec 3	25½ Dec 24	25 Nov 29	28 Feb 20
		Firemans Insurance Co of											
----	15	Washington (D C)	20	28	--	29½	--	29½	--	-- ------	-- ------	28 Jan 9	28 Jan 9
4,066	53,535	Food Fair Stores	1	39¾	Sale	22⅝	Sale	21⅛	Sale	20⅜ Dec 18	23⅛ Dec 5	18⅞ Oct 26	40¼ Jan 2
10,330	76,046	Ford Motor Co	2.50	--	--	45⅛	Sale	45⅛	Sale	44¼ Dec 10	47⅛ Dec 26	35 Oct 24	47⅛ Dec 26
3,639	44,865	Foremost Dairies Inc	2	13⅝	Sale	9¼	Sale	8½	Sale	8⅛ Dec 19	9¼ Dec 3	7⅛ Oct 24	15⅛ Feb 19
125	11,957	Garfinkel (Julius) com	50c	40	Sale	37¾	38¾	39¾	--	37¾ Dec 4	38 Dec 5	32½ Jun 29	45⅞ Mar 1
----	160	4½% conv preferred	25	--	--	--	--	--	--	-- ------	-- ------	40¾ Apr 19	44¾ Mar 8
1,715	23,950	General Acceptance Corp	1	--	--	16¼	17¼	--	--	19⅛ Dec 19	20⅛ Dec 28	15⅜ May 28	26⅛ Jan 3
80	2,046	60c conv voting pfd	*	--	--	--	--	--	--	11½ Dec 14	11½ Dec 14	10¾ Jun 19	14½ Jan 4
----	1,455	$1 preferred	*	--	--	--	--	16¼	17¼	-- ------	-- ------	11⅞ May 11	16¾ Jan 18
45,043	585,398	General Motors Corp	1.66⅔	57⅛	Sale	55¼	Sale	57⅝	Sale	54¾ Dec 3	59¾ Dec 21	45 Jun 25	59¾ Dec 21
420	5,425	Giant Food class A	1	--	--	13	13⅜	12⅜	13	12½ Dec 27	13½ Dec 4	12¼ Oct 24	34¾ Jan 3
----	615	Gimbel Bros	5	42	Sale	35½	35¾	32⅞	33⅛	-- ------	-- ------	30⅝ Oct 22	43½ May 4
340	3,493	Homasote Co	1	8	9	8½	9¾	10	10½	8¾ Dec 17	10 Dec 21	4½ Aug 29	10 Dec 21
		Hudson Pulp & Paper—											
----	85	5% series A preferred	25	21	--	21	22½	21	--	-- ------	-- ------	22⅛ Jan 12	22¼ Jan 12
----	129	5.12% series B pfd	25	22	--	22	23½	22	--	-- ------	-- ------	20⅞ Aug 1	22½ Feb 9
----	565	$1.41 conv 2nd pfd	24.50	29½	Sale	26¾	27¾	26	27	-- ------	-- ------	29½ Jan 2	30¾ Feb 5
1,137	40,285	International Resistance	10c	30⅝	Sale	28	Sale	--	--	26¾ Dec 28	29⅛ Dec 5	18⅝ Jun 25	36 Mar 23
----	204	Lanston Industries	5	--	--	3⅛	3¼	2⅝	3	-- ------	-- ------	3⅞ Jun 25	5½ Apr 10
----	807	Lehigh Coal & Navigat'n	1	--	--	--	--	--	--	-- ------	-- ------	4¼ Oct 15	7⅛ Nov 15
46	2,172	Lehigh Valley RR	*	5¾	Sale	5½	Sale	--	--	5½ Dec 3	5⅝ Dec 7	4⅛ Jun 25	6¾ Feb 8
120	1,568	Macke Vending Corp cl A	1	26¼	Sale	19½	20	23	23½	19⅜ Dec 20	21¼ Dec 28	16½ Oct 26	30⅛ Feb 23
3,860	45,979	Madison Fund Inc	1	29¼	Sale	22⅜	Sale	22⅞	Sale	21⅛ Dec 19	23 Dec 5	17⅜ Oct 24	30½ Jan 15
9,311	113,139	Martin-Marietta Corp	1	27⅛	Sale	21⅝	Sale	21⅝	Sale	20⅞ Dec 24	24 Dec 5	18⅛ Jun 27	28⅝ Jan 22
721	16,193	Merck & Co Inc	16⅔c	89½	Sale	79	Sale	78	Sale	77½ Dec 24	81¾ Dec 7	60¼ Jun 25	94⅝ Mar 26
114	4,237	Mergenthaler Linotype	25c	33⅛	Sale	24	24¼	22⅝	22⅞	22⅛ Dec 28	23½ Dec 13	19⅝ Oct 22	33⅛ Jan 2
----	919	Natl Bank of Washington	10	62	Sale	58	60	58	60	-- ------	-- ------	60 Jan 10	74 Feb 19
		National Mtge & Invest—											
----	71	Common	1	52	--	52	--	52	--	-- ------	-- ------	51 July 31	52½ Jan 23
----	70	5% non-cum preferred	7	7	7¼	7	--	7	--	-- ------	-- ------	6⅜ Feb 7	6⅜ Feb 7
----	499	Oxford Mfg class A	1	--	--	--	--	--	--	-- ------	-- ------	23⅛ May 29	31⅞ Feb 1
1,753	31,843	Pennsalt Chemicals Corp	3	40¾	Sale	35⅝	Sale	35⅜	35⅝	35 Dec 4	38 Dec 7	23⅜ Jun 25	40¾ Jan 2
1,150	21,209	Pennsylvania Gas & Water	*	35¼	36	35	Sale	35⅜	Sale	34¾ Dec 3	35⅝ Dec 24	27 Jun 25	38 Mar 26
5,969	95,673	Pennsylvania Pwr & Lt	*	37⅜	Sale	33⅛	Sale	33	Sale	30½ Dec 5	33⅞ Dec 11	29 May 29	38⅝ Mar 22
8,916	171,212	Pennsylvania RR	10	17⅛	Sale	13¾	Sale	12¼	Sale	12¼ Dec 31	14⅝ Dec 5	10¼ Jun 27	19 Feb 2
		Peoples Drug Stores Inc	5	54¾	Sale	36⅝	Sale	35⅝	Sale	34⅜ Dec 17	37⅛ Dec 5	31⅝ Oct 22	55 Jan 2
851	152,951	Pepsi-Cola Bottling Co											
20	2,181	of Long Island	25c	10⅜	Sale	--	--	9⅝	9⅞	9⅝ Dec 4	9⅝ Dec 4	8½ July 24	11¼ Apr 3
1,318	7,751	Perfect Photo Inc	*	16⅛	Sale	--	--	--	--	4¾ Dec 28	5¾ Dec 6	4⅝ Oct 26	16⅝ Jan 17
21,566	318,939	Philadelphia Electric	*	33¾	Sale	30⅜	Sale	29½	Sale	29⅜ Dec 21	31 Dec 3	24⅞ May 29	34¾ Mar 20
11,504	139,679	Phila Transportation	10	8	Sale	6⅛	Sale	6⅛	Sale	6 Dec 4	6⅜ Dec 13	5½ Jun 14	8 Jan 2
3,734	84,197	Potomac Elec Power com	10	46¼	Sale	40¾	Sale	43⅛	Sale	40¼ Dec 3	44 Dec 10	32⅝ May 28	47¾ Mar 8
----	314	$2.44 preferred	50	49½	52	51	52	51	52	-- ------	-- ------	43 Feb 5	52 May 4
----	306	$2.46 preferred	50	--	--	51	52½	51½	--	-- ------	-- ------	50½ July 26	53 Mar 20
----	3,720	Progress Mfg Co	1	16¾	Sale	--	--	--	--	-- ------	-- ------	8½ Aug 30	16¾ Jan 2
3,654	32,049	Public Service Elec & Gas	*	63¼	Sale	64¾	Sale	69⅛	Sale	64 Dec 3	69⅝ Dec 31	49⅞ May 29	69⅝ Dec 31
1,570	7,415	Reading Co	50	9⅜	Sale	8⅞	Sale	--	--	7⅜ Dec 24	8⅞ Dec 3	5¾ Oct 24	10⅛ Feb 1
25	450	Riggs National Bank	25	183	190	161½	165	162	166	161½ Dec 4	161½ Dec 4	161½ Dec 4	207 Mar 26
975	29,143	Ritter Finance class B	1	--	--	5	Sale	--	--	4½ Dec 19	5 Dec 3	4½ Dec 19	8 Jan 4
15,170	210,030	Scott Paper	*	42⅞	Sale	31⅝	Sale	31⅞	Sale	29⅞ Dec 17	32¾ Dec 31	24⅞ Oct 25	43 Jan 2
		Smith Kline &											
2,392	51,306	French Laboratories	*	70⅞	Sale	62¾	Sale	63⅞	Sale	61 Dec 13	64½ Dec 5	45¼ Jun 25	72½ Jan 4
1,578	17,132	South Jersey Gas Co	2.50	43½	Sale	33	Sale	33⅛	Sale	32⅜ Dec 19	33⅞ Dec 6	29 May 29	44 Mar 19
45	4,261	Southeastern Pub Serv	10c	--	--	--	--	--	--	21⅜ Dec 6	21½ Dec 6	17⅜ Jun 27	22¾ Mar 29
3,947	45,277	Sun Oil Co	*	51	Sale	45¾	Sale	43¾	Sale	43¼ Dec 20	45¾ Dec 3	42¾ May 29	53¼ Feb 5
5,259	92,863	Texas Eastern Transmn	3.50	17⅜	Sale	15¾	Sale	16½	Sale	15½ Dec 19	16½ Dec 31	13⅞ Oct 24	18¾ Mar 2
		Thompson Ramo-											
806	10,103	Wooldridge	5	--	--	56	Sale	--	--	54¼ Dec 27	60 Dec 24	38⅝ Jun 25	65⅝ Jan 5
652	11,571	United Corp	1	8⅜	8⅝	7¾	8	8	Sale	8 Dec 10	8½ Dec 6	6¾ Jun 26	8¾ Mar 12
2,206	24,940	United Gas Improvem't	4.50	--	--	22	Sale	21½	Sale	20½ Dec 24	22⅜ Dec 10	19¾ Nov 13	23⅛ Jun 1
822	2,408	Universal Marion Corp	*	--	--	--	--	8¾	8⅞	8½ Dec 28	8⅞ Dec 17	8 Jun 13	10⅜ Feb 19
2,015	30,442	Warner Co	10	--	--	27⅛	Sale	--	--	27⅛ Dec 3	29 Dec 5	22⅞ Oct 24	38¼ Apr 19
2,338	37,678	Washington Gas Light com	*	40¾	Sale	33⅛	Sale	36⅛	Sale	33 Dec 3	36¼ Dec 31	29⅛ Jun 25	41 Jan 2
10	443	$4.25 preferred	*	86¼	--	87¼	--	87½	--	87¼ Dec 4	87¼ Dec 4	85 July 6	89 Mar 21
----	84	$4.60 conv preferred	*	150	160	123	--	123	--	-- ------	-- ------	120 July 31	145 Feb 8
----	184	$5 preferred	*	100	103	103	--	102½	--	-- ------	-- ------	100 Mar 21	102½ May 14
150	315	Woodward & Lothrop new	10	--	--	--	--	30	31	29½ Dec 11	30½ Dec 19	28½ Nov 26	30½ Dec 19
----	----	5% preferred	100	98½	--	--	--	96¾	--	-- ------	-- ------	-- ------	-- ------
$	$	**BONDS**											
		Baltimore Transit Co—											
----	21,000	1st deb inc 4s ser A	1975	93½	--	98½	100	96¼	--	-- ------	-- ------	93 Feb 1	97¼ Jun 29
----	8,000	Cum inc deb 5s ser A	1975	96½	--	99	--	96¾	--	-- ------	-- ------	96 Jan 30	98½ Jun 29
----	219,400	6⅔% inc subord debs	1977	84	--	88	--	88	--	-- ------	-- ------	85½ Jan 4	87 Jun 5

*No par value. †Corrected volume. Incorrect figures published since May. 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—	1962	1961	Stock Sales—	1962	1961
December (Shares)	245,000	217,266	Jan. 1 to Dec. 31 (Shares)	2,496,133	5,002,485

Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	Detroit Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
		LISTED ISSUES											
1,406	32,305	Allen Elec & Equipment	1	5¾	Sale	6¼	7½	7⅛	Sale	6⅝ Dec 12	7⅜ Dec 6	5⅛ Jan 10	9 Apr 6
2,625	37,589	Allied Supermarkets	1	15⅞	Sale	11½	12½	11¾	Sale	11¾ Dec 31	12¾ Dec 5	9⅞ Oct 22	16¼ Feb 1
3,149	15,982	Amer Metal Products Co	2	16	17	15⅛	16	14	15	14 Dec 19	15 Dec 6	14 Oct 26	18⅛ Mar 19
2,085	8,890	Associated Brewing Co	5	—	—	—	—	2½	Sale	2½ Dec 31	2⅝ Dec 27	2¼ Nov 14	3¾ Mar 20
520	8,707	Avis Industrial Corp	5	—	—	—	—	11¾	Sale	11¾ Dec 31	12¼ Dec 21	10⅝ Oct 24	25⅝ Mar 19
----	329	Bethlehem Corp	*	—	—	—	—	—	—	— ------	— ------	2⅜ Oct 26	2½ Oct 31
----	1,659	Bohn Aluminum & Brass	5	—	—	—	—	—	—	— ------	— ------	26½ Feb 1	36 Apr 5
1,971	51,308	Borman Food Stores	1	21⅝	Sale	—	—	10½	Sale	10½ Dec 31	11¾ Dec 7	9⅞ Oct 22	21⅝ Jan 2
4,260	8,551	Briggs Mfg Co	*	6¼	7	3½	4½	4½	5½	3⅞ Dec 10	4⅝ Dec 21	3⅞ Dec 10	8½ Mar 13
4,932	32,415	Brown-McLaren Mfg Co	1	1½	1⅝	95c	Sale	1.00	Sale	85c Dec 17	1.00 Dec 31	85c Dec 17	1⅝ Jan 4
1,181	16,140	Budd Company (The)	5	13	14	11	12	11¾	Sale	11⅝ Dec 18	12¼ Dec 10	10 Jun 27	15⅝ Feb 8
----	4,285	Buell Industries	1	—	—	—	8	—	8	— ------	— ------	5⅛ Nov 1	11¼ Mar 12
11,507	79,084	Burroughs Corp	5	42	43	29	30	28⅛	Sale	27½ Dec 20	31½ Dec 5	24⅞ Oct 24	53 Mar 26
18,237	123,987	Chrysler Corp	25	49½	Sale	69½	Sale	—	—	69¼ Dec 4	75 Dec 27	39⅞ Jun 14	75 Dec 27
5,675	137,895	Consolidated Paper	10	12	Sale	11⅞	Sale	10¼	Sale	10¼ Dec 31	11⅞ Dec 3	9½ July 24	14 Sep 20
1,684	38,823	Consumers Power Co com	*	—	—	40½	41½	—	—	40⅞ Dec 4	41⅞ Dec 14	33¼ May 29	42¾ Apr 27
42	155	$4.50 preferred	*	95½	Sale	—	—	—	—	100 Dec 19	100 Dec 19	95½ Jan 2	100 Nov 29
30	30	$4.16 preferred	*	—	—	—	—	94	Sale	94 Dec 31	94 Dec 31	94 Dec 31	94 Dec 31
862	14,257	Continental Motors	1	10	11	11	Sale	10⅞	11½	11 Dec 3	11 Dec 3	8⅞ Jun 27	11⅝ Feb 6
----	3,949	Copeland Refrigeration	1	—	—	—	—	—	—	— ------	— ------	21 Jun 29	33½ Apr 24
----	831	Cunningham Drug Stor's	2½	—	—	—	—	—	—	— ------	— ------	33¼ Jan 8	33⅜ Jan 12
----	950	D W G Cigar Corp	5	—	—	—	—	—	—	— ------	— ------	17¼ Oct 30	26 Mar 2
1,491	4,864	Davidson Brothers Inc	1	10¼	Sale	4	—	4	—	4½ Dec 28	4¾ Dec 12	4½ Dec 28	10¼ Jan 2
8,575	157,196	Detroit Edison Co	20	61	Sale	—	—	63	Sale	61½ Dec 27	63⅝ Dec 17	47½ Jun 25	63⅝ Dec 17
6,085	10,304	New common w i	10	—	—	31⅛	Sale	31⅝	Sale	30¾ Dec 6	31⅝ Dec 31	30⅜ Nov 21	31⅝ Dec 31
----	1,724	Detroit Gasket & Mfg	1	—	—	—	9⅛	—	9⅛	— ------	— ------	6⅞ Jun 13	9¼ Aug 13
500	3,719	Detroit Industrial Prod	1	—	—	6	Sale	4⅜	—	5⅝ Dec 28	6 Dec 3	5½ Oct 24	12⅛ Mar 21
3,081	39,465	Detroit Steel Corp	1	17½	18½	12½	Sale	10½	Sale	10½ Dec 31	12½ Dec 3	9½ Oct 30	17⅞ Feb 21
----	228	Dielectric Products Engr	1	3⅞	—	—	3¼	—	3¼	— ------	— ------	6⅛ Jan 5	6⅛ Jan 5
----	812	Divco-Wayne Corp	1	—	—	—	—	—	—	— ------	— ------	16⅞ Oct 30	21¼ Mar 20
----	353	Drewry's Ltd U S A Inc	1	—	—	—	—	—	—	— ------	— ------	22¼ Oct 29	27⅝ Mar 27
801	7,476	Eaton Mfg Co	2	—	—	—	—	—	—	33½ Dec 27	33⅞ Dec 10	21¼ Sep 25	38¼ Jan 4
1,059	10,046	Economy Baler Company	1	4½	4¾	4⅛	4⅝	4	5¼	4⅝ Dec 5	4¾ Dec 6	3⅝ Mar 6	4¾ Dec 6
823	19,543	Ex-Cell-O Corp	3	41	Sale	—	—	—	—	42¼ Dec 20	43 Dec 4	35¼ Sep 27	48½ Apr 4
1,139	27,426	Fed Mogul Bower Bearings	5	—	—	—	—	—	40	38⅝ Dec 28	40 Dec 5	31½ Jun 25	41½ Mar 26
----	3,201	Fenestra Incorporated	10	—	—	—	—	—	—	— ------	— ------	11 Feb 28	15½ Nov 30
21,876	106,513	Ford Motor Co	2.50	—	—	45⅛	Sale	46⅜	Sale	44¾ Dec 11	47 Dec 26	37¾ Jun 22	47 Dec 26
8,579	104,067	Fruehauf Trailer	1	25½	Sale	24⅜	Sale	24⅞	Sale	24 Dec 11	25 Dec 10	17¾ May 29	27¼ Feb 19
151	4,640	Gar Wood Industries	1	3⅞	4¼	2½	3¼	2¾	3½	3⅛ Dec 5	3⅛ Dec 5	2⅝ Nov 14	4⅜ Mar 26
24,450	455,746	General Motors Corp	1.66⅔	57¼	Sale	55⅜	Sale	—	—	55⅜ Dec 3	59½ Dec 21	45¼ Jun 25	59½ Dec 21
27,777	44,933	Goebel Brewing	1	1⅝	2⅜	55c	Sale	45c	Sale	40c Dec 31	60c Dec 5	40c Dec 31	2 Jan 4
220	1,282	Great Lakes Bowling	1	—	—	—	—	5⅛	Sale	5⅛ Dec 31	5⅛ Dec 31	5⅛ Dec 31	8⅜ Mar 7
2,242	14,890	Gt Lakes Chemical Corp	1	4	5½	2⅛	3	2	3	2⅛ Dec 26	2¼ Dec 6	2 Oct 22	4½ Jan 9
347	3,338	Hall Lamp Co	5	—	—	4	7	3⅞	Sale	3⅞ Dec 31	4½ Dec 4	3⅞ Dec 31	6 July 24
----	2,102	Hastings Mfg Co	2	—	—	—	9	—	9	— ------	— ------	7¼ Sep 13	8⅝ Feb 1
----	1,110	Higbie Mfg Co	1	—	—	—	—	—	—	— ------	— ------	13 Nov 14	16⅜ Feb 21
335	5,922	Hosking Mfg Co	2.50	—	—	—	—	—	—	27½ Dec 20	27¾ Dec 19	27 July 23	32½ Jan 22
----	2,734	Houdaille Industries Inc	3	21	22	—	—	—	—	— ------	— ------	17 May 29	21⅜ Jan 5
----	900	International Breweries	1	—	—	—	—	—	—	— ------	— ------	4 Sep 28	7⅝ Feb 15
----	4,948	King-Seeley Thermos Co	1	—	—	—	—	—	—	— ------	— ------	25½ Aug 14	33⅞ Nov 30
200	1,130	Kingston Products Corp	1	—	3¼	—	3	—	3½	3 Dec 6	3 Dec 6	2¾ July 20	3⅛ Mar 20
19,830	97,970	Kresge (S S) Co	10	34½	Sale	22⅞	Sale	21¼	Sale	21¼ Dec 31	23⅛ Dec 6	20¼ Oct 23	36¾ Jan 10
2,180	27,314	Kysor Industrial Corp	1	8½	9	6⅜	8¼	8	Sale	7¼ Dec 17	8 Dec 31	6⅛ Mar 15	11 May 2
150	805	Lakey Foundry Co	1	—	6	—	3	1½	2	1¾ Dec 19	1¾ Dec 19	1¾ Dec 19	3⅛ Apr 23
7,303	41,435	Lansing Stamping Co	1	2¼	Sale	2¾	2⅞	3¼	Sale	2¾ Dec 4	3¼ Dec 31	2¼ Jan 2	3¾ May 1
----	6,636	LaSalle Wines & Champ	2	2⅛	2⅜	1⅞	2⅛	1⅞	2⅛	— ------	— ------	1¾ July 17	2⅛ Mar 28
1,346	12,069	Leonard Refineries Inc	3	—	11⅜	—	—	—	10⅜	9⅛ Dec 19	9⅛ Dec 19	8⅞ Oct 25	12⅞ Feb 9
----	94,787	Macoid Industries Inc	*	—	—	2½	4	2½	4	— ------	— ------	3⅝ Sep 12	4⅜ Apr 24
----	2,068	Madison Square Garden	1	2	2⅛	1⅝	2½	1⅝	2½	— ------	— ------	1⅝ Oct 25	3½ Mar 29
359	6,839	Masco Corp	1	25⅞	Sale	—	30	—	30	28 Dec 19	28 Dec 19	18⅛ Jun 18	35 Feb 13
133	19,245	Michigan Chemical Corp	1	11	14	10¾	—	9⅞	10⅜	9⅞ Dec 31	9⅞ Dec 31	9 Oct 30	15 Mar 26
----	380	Michigan Sugar	*	2½	4½	2	4	2	4	— ------	— ------	2¾ Nov 27	3 Feb 8
----	377	Micromatic Hone Corp	1	—	—	—	12	—	12	— ------	— ------	11 Feb 21	11⅜ Jan 12
1,412	4,964	Motor Wheel Corp	5	14	15	16½	17½	16⅞	Sale	16⅞ Dec 31	17⅛ Dec 5	12½ Aug 29	17⅛ Dec 5
----	239	Mt Clemens Indus com	1	—	—	6	—	—	—	— ------	— ------	13¾ Jan 15	13¾ Jan 15
----	2,769	6% preferred	4	3¾	4	3⅞	5	3⅞	5	— ------	— ------	3¾ May 29	3⅞ Jan 29
----	120	Murray Corp	10	30	31	—	—	—	—	— ------	— ------	29½ Apr 12	29½ Apr 12
115	2,368	Natl Brewing Co (Mich)	1	3½	—	—	—	—	—	4 Dec 17	4 Dec 17	4 Feb 8	4⅛ Mar 1
400	1,050	Nat'l Elec Welding Mach	1	—	—	—	—	—	—	9⅛ Dec 19	9⅝ Dec 7	9⅛ Dec 19	9⅝ Dec 7
----	225	Nautec Corp	5	—	—	—	—	—	—	— ------	— ------	12 July 26	12 July 26
17,598	170,191	Parke Davis & Co	*	36⅛	Sale	26½	Sale	24¾	Sale	24 Dec 19	26¾ Dec 5	19 Oct 23	38⅝ Mar 15
----	1,205	Parker Rust-Proof Co	2.50	—	—	—	—	—	—	— ------	— ------	32 Mar 26	32⅜ Mar 2
----	293	Peninsular Metal Products	1	10	13	—	—	—	—	— ------	— ------	11 Feb 15	11 Feb 15
999	7,380	Prophet (The) Co	1	23	—	—	—	—	—	25½ Dec 12	26¾ Dec 7	20½ July 12	26¾ Dec 7
3,001	35,072	Rickel (H W) & Co	2	2¼	2½	2⅛	2⅜	2¼	Sale	2⅛ Dec 4	2⅜ Dec 31	2 Oct 31	2¾ Apr 24
469	10,333	Rockwell Standard Corp	5	35	36	—	—	—	—	34½ Dec 20	34½ Dec 20	28½ May 29	38 Feb 8
5,351	57,817	Rudy Mfg Company	1	12	12½	14½	15¼	17½	Sale	14½ Dec 14	17½ Dec 31	12 May 29	17½ Dec 31
2,615	22,714	Scotten Dillon Co	10	25½	26¾	22¼	Sale	24½	Sale	22¼ Dec 3	25 Dec 28	20 May 29	25⅝ Jan 3
270	2,587	Sheller Mfg Co	1	—	—	—	—	—	—	20 Dec 12	20 Dec 12	17½ Nov 8	21¾ Jan 12
554	6,262	Soss Mfg Co	1	14⅝	Sale	—	—	—	—	15¾ Dec 14	16 Dec 11	14⅛ Jun 21	21⅝ Mar 14
----	2,028	Standard Tube class B	1	5	6⅞	—	—	—	—	— ------	— ------	3½ July 13	6½ Feb 16
4,520	41,326	Studebaker Corp	10	10	Sale	6⅜	Sale	6	Sale	6 Dec 31	6¾ Dec 7	6 Jun 25	10½ Feb 13
----	4,986	Superior Tool & Die Co	1	—	3	—	—	—	—	— ------	— ------	2⅝ Jun 11	4 Mar 6
879	11,733	Udylite Corp	1	15½	Sale	15	18	15	18	17¼ Dec 14	17⅜ Dec 28	15½ Jan 2	19 May 15
----	2,998	United Shirt Distributors	1	3¾	4	—	3	1	3	— ------	— ------	3 Jun 28	4⅜ Mar 28
830	5,300	Universal Controls Inc	25c	—	—	5⅝	Sale	4¼	—	4⅝ Dec 28	5⅝ Dec 3	4⅛ Oct 25	9⅞ Jan 4
1,770	12,453	Upjohn (The) Co	1	—	—	—	—	33⅝	Sale	33 Dec 18	35¾ Dec 6	29¾ Aug 10	51 Jan 18
3,019	5,621	Vinco Corp	1	—	—	—	5	2½	Sale	2½ Dec 31	3⅛ Dec 10	2½ Dec 31	9⅜ Apr 4
----	1,140	Woodall Industries	2	—	—	—	—	—	—	— ------	— ------	16 Nov 26	18 Mar 21
----	580	Young (L A) Spg & Wire	*	—	—	—	—	—	—	— ------	— ------	33 Jan 15	37½ Feb 20

*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—	1962	1961	Bonds Sales—	1962	1961
December (Shares)	4,138,387	5,961,743	December	------	------
Jan. 1 to Dec. 31 (Shares)	50,565,911	73,198,461	Jan. 1 to Dec. 31	$8,000	$17,000

Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	Pacific Coast Stock Exchange Stocks	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	Highest Sale Prices
585	7,042	ACF Industries (Un)	25	—	—	—	—	—	—	77½ Dec 26	77½ Dec 26	57 Jun 18	77½ Dec 26
1,368	12,809	Abbott Laboratories	5	—	—	—	—	—	—	70¾ Dec 5	75¼ Dec 24	59 Sep 7	79¾ Mar 9
2,112	24,902	Admiral Corp	1	—	—	—	—	11½	Sale	11½ Dec 19	13⅛ Dec 5	9½ Oct 24	19½ Mar 14
1,253	15,338	Air Reduction (Un)	*	—	—	—	—	—	—	55⅛ Dec 21	55⅛ Dec 21	47⅜ Oct 23	69½ Feb 6
7,535	49,372	A J Industries	2	—	—	3¾	Sale	—	—	3⅝ Dec 28	4 Dec 4	3 May 3	4⅞ Feb 20
10	1,740	Alaska Airlines	1	—	—	—	—	—	—	a—	a—	3⅛ Oct 18	5⅞ Mar 27
2,595	18,499	Alleghany Corp (Un)	1	—	—	—	—	11⅛	Sale	11 Dec 12	12 Dec 13	7 Jun 22	12¼ Mar 20
2,200	15,960	Warrants (Un)		—	—	—	—	—	—	6¼ Dec 4	8⅝ Dec 26	4½ Jun 13	9⅛ Jan 12
1,420	19,341	Allied Artists Pictures Corp	1	—	—	—	—	—	—	3⅛ Dec 20	3¾ Dec 6	2⅝ Jun 22	6½ Feb 8
7,753	112,053	Allied Chemical Corp (Un)	9	—	—	42½	Sale	44¼	Sale	41½ Dec 12	44¼ Dec 31	34⅞ Oct 24	57¾ Jan 4
500	4,270	Allied Supermarkets (Un)	1	—	—	—	—	—	—	12 Dec 21	12¼ Dec 19	11½ July 19	16 Feb 5
10,666	100,085	Allis-Chalmers Mfg (Un)	10	21¾	Sale	15¼	Sale	14½	Sale	14 Dec 19	15½ Dec 3	11⅞ May 29	22⅞ Jan 4
8,330	58,160	Aluminium Ltd	*	27¾	Sale	22¼	Sale	20⅛	Sale	19¾ Dec 18	22⅜ Dec 3	18¾ Jun 14	28 Jan 5
3,361	19,835	Aluminum Co of Amer (Un)	1	65⅝	Sale	54⅛	Sale	—	—	51½ Dec 19	55⅝ Dec 5	50 Jun 28	66½ Jan 4
437	37,259	Ambassador Oil Corp	1	—	—	—	—	5⅝	5⅞	5½ Dec 28	5¾ Dec 20	5⅛ Jun 25	7¾ Aug 29
1,826	22,906	Amerada Petroleum (Un)	*	—	—	—	—	—	—	112¾ Dec 19	118¼ Dec 5	92¾ Jun 12	133¾ Feb 15
14,520	92,276	Amer Airlines Inc (Un)	1	21⅝	Sale	—	—	18¼	Sale	17¾ Dec 19	18¾ Dec 13	15⅝ Oct 25	23¾ Jan 22
1,424	36,022	Amer Bosch Arma (Un)	2	—	—	—	—	13⅝	Sale	13½ Dec 19	14⅛ Dec 14	11¼ Oct 24	18½ Jan 4
1,302	27,254	Amer Broadcstg-Paramount Theatres (Un)	1	—	—	—	—	—	—	34⅛ Dec 11	36 Dec 20	24¾ Jun 15	46¼ Jan 12
3,257	61,643	Amer Can Co (Un)	12½	46½	Sale	44⅝	Sale	—	—	44⅝ Dec 3	45¼ Dec 7	38¼ May 29	47 Feb 19
670	12,509	American Cement Corp— $1.50 preferred (Un)	25	24	24⅜	24¾	Sale	24¼	Sale	23⅝ Dec 18	24¾ Dec 3	21½ Oct 30	25⅜ Feb 9
11,443	94,311	American Cyanamid (Un)	10	43⅛	Sale	46½	Sale	49⅝	Sale	46¼ Dec 7	50 Dec 26	35½ Jun 25	50 Dec 26
5,480	27,291	American Electronics Corp	1	6⅞	Sale	3½	3¾	3⅛	Sale	3 Dec 27	4 Dec 5	3 Oct 24	7½ Jan 4
429	10,281	American & Foreign Power Co Inc (Un)	*	—	—	—	—	—	—	8⅞ Dec 27	9 Dec 19	8⅜ Oct 18	10⅞ Jan 16
----	585	Americ'n-Int'l Alum Corp	25c	2½	2¾	—	—	—	—	—	—	1⅞ Oct 22	2¼ Feb 20
13,222	131,099	Amer Machine & Fry	1.75	41⅜	Sale	20⅜	Sale	20⅝	Sale	19½ Dec 19	22 Dec 5	16 Oct 24	41¾ Jan 2
6,459	72,860	American M A R C Inc	50c	4⅝	Sale	—	—	2½	Sale	2½ Dec 28	2⅞ Dec 4	2½ Dec 28	4¾ Jan 18
18,432	264,494	Amer Motors (Un)	1.66⅔	17	Sale	16¼	Sale	16¼	Sale	16 Dec 28	17⅝ Dec 5	12 May 29	18¼ Sep 17
1,233	21,245	American Pot & Chem	*	—	—	—	—	—	—	30¾ Dec 12	31 Dec 7	26½ Oct 29	54 Jan 29
9,792	86,353	Amer Radiator & Standard Sanitary (Un)	5	15⅞	Sale	—	—	12⅝	Sale	12 Dec 17	13¼ Dec 4	12 Oct 24	18¼ Jan 25
811	9,435	Amer Smelt & Ref (Un)	*	—	—	—	—	—	—	54¾ Dec 4	54¾ Dec 4	49½ July 31	62⅜ Jan 4
30,134	410,406	American Tel & Tel	33⅓	134¼	Sale	113½	Sale	116⅞	Sale	113½ Dec 3	118¾ Dec 10	98½ May 29	135 Jan 4
14,801	91,605	American Tob (Un)	6.25	—	—	30⅛	Sale	29⅜	Sale	29 Dec 24	30⅝ Dec 3	25½ Oct 23	43⅛ Apr 11
5,313	89,355	American Viscose (Un)	25	—	—	59½	Sale	61⅛	Sale	59 Dec 6	62⅝ Dec 27	43⅝ Jun 26	62⅝ Dec 27
35,667	431,807	Ampex Corp	1	19¾	Sale	17½	Sale	16⅝	Sale	16⅜ Dec 31	18¼ Dec 4	10¼ May 29	20½ Jan 4
370	5,554	Amphenol-Borg Electronics	1	—	—	—	—	—	—	22¼ Dec 6	22¼ Dec 6	19⅞ Jun 28	36 Jan 9
8,204	76,214	Anaconda Co (Un)	50	49½	Sale	—	—	40½	Sale	40⅜ Dec 31	42⅜ Dec 5	36 Oct 22	51½ Jan 8
1,250	18,020	Anthony Pools Inc	1	—	—	—	—	—	—	3 Dec 12	3 Dec 12	2⅝ Oct 24	6¾ Jan 12
----	1,360	Apollo Industries Inc	5	—	—	9	10	7¼	8	—	—	8 Jun 26	17 Apr 2
325	2,867	Archer-Daniels Midland	*	—	—	—	—	—	—	a—	a—	36½ Feb 8	37¼ Feb 19
6.665	49,090	Arizona Public Serv Co	2.50	—	—	—	—	—	—	28½ Dec 10	30½ Dec 27	23¾ Jun 26	38½ Feb 5
2,188	27,724	Arkansas-La Gas (Un)	2.50	40⅛	Sale	—	—	—	—	28⅛ Dec 14	29¼ Dec 4	25 Oct 2	43 Mar 29
3,578	77,415	Armco Steel Corp (Un)	10	—	—	—	—	—	—	50 Dec 11	53¼ Dec 4	41¼ Oct 19	70⅞ Jan 12
1.841	28,860	Armour & Co (Del) (Un)	5	—	—	—	—	—	—	40¼ Dec 19	41⅞ Dec 4	32½ Sep 26	57 Feb 16
124	2,498	Warrants (Un)		—	—	—	—	—	—	a—	a—	19 Jun 21	37 Jan 22
607	5,712	Ashland Oil & Refin'g (Un)	1	—	—	—	—	—	—	25 Dec 14	25 Dec 14	23⅛ Aug 3	28½ Feb 19
9,701	172,756	Atch T & S Fe Ry (Un)	10	27	Sale	25⅛	Sale	25¼	Sale	24¼ Dec 11	25½ Dec 5	20⅝ Oct 23	27½ Jan 15
50	795	Atlantic Coast Line RR	*	—	—	—	—	—	—	a—	a—	34¾ Oct 8	36½ Aug 23
1,343	17,806	Atlantic Refining Co (Un)	10	—	—	—	—	—	—	48⅛ Dec 20	49⅞ Dec 4	43½ Oct 24	57¼ Feb 26
6,507	74,248	Atlas Corp common (Un)	1	2⅞	Sale	2⅜	Sale	2⅛	Sale	2 Dec 27	2⅜ Dec 3	2 July 2	2⅞ Jan 2
3,000	22,195	Warrants (Un)		—	—	1	Sale	—	—	⅞ Dec 13	1 Dec 3	1/16 Nov 13	1⅜ Jan 3
200	1,427	5% preferred (Un)	20	—	—	—	—	—	—	15 Dec 6	15 Dec 6	11⅜ Jan 4	15 Dec 6
11,360	242,864	Avco Mfg Corp (Un)	3	24⅛	Sale	24⅛	Sale	25¼	Sale	24⅛ Dec 3	25⅝ Dec 5	17¼ May 29	28¾ Feb 13
3,412	53,993	Avnet Electronics Corp	5c	28⅞	Sale	—	—	—	—	21½ Dec 24	22⅛ Dec 21	14¼ Jun 25	30⅜ Mar 29
5,400	145,940	Baker Oil Tools Inc	1	10⅝	Sale	—	—	—	—	12 Dec 18	13½ Dec 6	10 Oct 24	16¾ Mar 20
4,940	44,179	Baldwin-Lima-Ham (Un)	13	14¾	Sale	—	—	13¼	Sale	12⅞ Dec 19	13⅞ Dec 6	11⅝ Oct 25	19⅛ Apr 19
190	2,841	Baldwin Securities (Un)	1c	—	—	—	—	—	—	3¾ Dec 28	3¾ Dec 28	3¾ Oct 11	5⅞ Jan 4
160	1,630	Balt & Ohio RR (Un)	100	—	—	—	—	—	—	26¼ Dec 11	26¼ Dec 11	18⅞ Oct 24	32⅛ Feb 8
1,948	20,473	Baruch-Foster Corp	50c	1½	1¾	⅞	1⅛	⅞	Sale	⅞ Dec 18	1⅛ Dec 18	⅞ Dec 18	2¼ Jan 9
3,154	48,997	Beckman Instruments	1	—	—	—	—	—	—	101 Dec 18	108¼ Dec 5	63½ Jun 14	143½ Jan 15
1,266	17,050	Beech Aircraft Corp	1	19⅜	Sale	16½	Sale	15⅞	Sale	15¾ Dec 26	16⅞ Dec 10	12⅜ Jun 28	20⅜ Feb 9
3,149	25,224	Bell Electronic Corp	*	—	—	3¼	Sale	3	Sale	3 Dec 14	3⅜ Dec 5	3 Nov 12	7¾ July 10
347	3,763	Bell Intercont'l Corp (Un)	1	—	—	—	—	—	—	8⅝ Dec 24	8⅝ Dec 24	7¾ Oct 26	12 Feb 14
6,079	40,554	Bell & Howell Company	*	—	—	23	Sale	22¼	Sale	21¾ Dec 19	25 Dec 5	17 Oct 26	45 Jan 16
1,715	21,639	Bendix Avia'n Corp (Un)	5	—	—	—	—	—	—	54 Dec 18	54⅞ Dec 12	48½ Oct 1	73¼ Feb 7
552	88,739	Benguet Consol (Un)	2p	—	—	—	—	—	—	1⅛ Dec 11	1¼ Dec 7	1⅛ Jan 3	1¾ Feb 20
408	2,887	Bestwall Gypsum (Un)	40c	—	—	—	—	26¾	Sale	26¾ Dec 31	29 Dec 7	23½ Nov 7	45 Mar 12
30.057	347,987	Bethlehem Steel (Un)	8	43	Sale	31⅜	Sale	28½	Sale	28½ Dec 31	31⅞ Dec 3	27¼ Oct 22	43⅞ Mar 28
22.259	164,448	Boeing Company (Un)	5	50	Sale	38¾	Sale	37¼	Sale	36⅝ Dec 19	40⅛ Dec 5	36⅝ Dec 19	56⅜ Feb 1
620	11,589	Bond Stores Inc (Un)	1			19⅜	Sale	—	—	18¾ Dec 12	19⅜ Dec 3	16 Oct 22	20⅞ Jan 30
1,484	11,083	Borden Co (Un)	7.50			—	—	57	Sale	55¾ Dec 19	57 Dec 31	46⅜ Nov 2	68½ Jan 4
4,685	52,210	Borg-Warner Corp	5	47	Sale	—	—	—	—	40⅞ Dec 11	42½ Dec 5	34½ Oct 24	47¼ Jan 2
1.022	19,346	Brewer (C) & Co Ltd	*	44	Sale	36	37	35½	36½	35¾ Dec 28	37 Dec 5	33 Jun 27	47½ Apr 3
6,761	162,462	Broadway-Hale Stores	5	47¾	Sale	31	Sale	32	Sale	30¾ Dec 3	32¾ Dec 7	25⅜ Jun 22	47¾ Jan 2
54,730	547,707	Brunswick Corp	*	52⅛	Sale	17½	Sale	18⅝	Sale	17⅛ Dec 11	19⅛ Dec 26	13½ Oct 24	52⅝ Jan 2
3,000	111,722	Buckner Industries Inc	1	—	—	2,25	Sale	1.95	Sale	1.95 Dec 31	2.25 Dec 3	1.95 Dec 31	5 Feb 28
1,478	24,533	Budd Co	5	13½	Sale	—	—	—	—	11⅝ Dec 14	12 Dec 11	10 Jun 26	15½ Feb 8
1,758	17,926	Budget Finance Plan com	50c	—	—	13¾	14¼	—	—	13¼ Dec 21	14⅞ Dec 5	11 Nov 2	19¼ Apr 17
100	2,577	6% preferred	10	—	—	9⅞	10⅜	—	—	10½ Dec 21	10½ Dec 21	10 Mar 1	10½ Dec 21
----	2,600	60c conv preferred	9	—	—	15½	18½	—	—	—	—	15¾ Feb 27	16¾ Jan 3
3,458	61,058	Bullock's Inc	5	—	—	57½	Sale	—	—	56¾ Dec 7	58⅞ Dec 28	46 Jun 29	61½ Apr 5
960	18,068	Bunker Hill Co (Un)	2.50	10½	11¼	8⅝	9⅛	8½	9	8⅜ Dec 20	8¾ Dec 6	7¼ Jun 26	10¼ Jan 12
6,828	58,681	Burlington Industries (Un)	1	—	—	24¾	Sale	—	—	24¾ Dec 3	26 Dec 14	18¾ Jun 26	26 Dec 14
13.892	139,282	Burroughs Corp	5	42⅜	Sale	29⅞	Sale	28¼	Sale	27½ Dec 19	31⅛ Dec 4	24⅛ Oct 24	53⅝ Mar 26
57,590	1,470,869	Buttes Gas & Oil Co	*	6½	Sale	4⅝	Sale	4⅛	Sale	4 Dec 24	4¾ Dec 3	3¾ Oct 23	9⅞ Feb 23
338	6,059	Cabol Enterprises Limited	*	—	—	½	¾	—	—	a—	a—	1 Oct 17	3¾ Jan 25
22,283	167,569	Calif Financial Corp	1	—	—	8⅞	Sale	8⅜	Sale	8⅛ Dec 17	9⅛ Dec 7	7⅜ Oct 24	13¼ May 22
2,586	29,476	California Ink Co Inc	5.50	23¼	24	—	—	18⅝	Sale	17¾ Dec 18	18⅝ Dec 28	16½ Jun 12	23¾ Jan 11
26,724	199,291	California Packing	2.50	32½	Sale	24	Sale	24⅛	Sale	22 Dec 11	24¼ Dec 27	20½ Oct 24	32½ Jan 2
630	34,139	Campbell Soup Co (Un)	1.80	—	—	—	—	—	—	a—	a—	80 Nov 7	118 Mar 14
1,228	11,789	Canada Dry Corp (Un)	1⅔	—	—	—	—	—	—	21¼ Dec 26	22¼ Dec 4	18⅝ Oct 24	27¾ Feb 15
8,094	41,099	Canada Southern Pet Ltd	1	—	—	5	Sale	4	4¼	4 Dec 18	5¼ Dec 10	2¾ July 11	5¼ Dec 10
1,853	15,192	Canadian Pacific Ry (Un)	25	24¾	Sale	—	—	—	—	22½ Dec 4	23¼ Dec 27	19½ Oct 11	25⅞ Jan 10
766	10,756	Carrier Corp (Un)	10	—	—	—	—	36¾	Sale	36¾ Dec 31	38⅜ Dec 27	31¾ May 28	42⅜ Jan 17
5,875	34,648	Case & Co (J I) (Un)	12½	9	Sale	—	—	7⅛	Sale	5⅞ Dec 19	7⅛ Dec 27	5 May 29	9⅝ Jan 4
19,515	228,776	Castle & Cooke, Inc	10	49½	Sale	28	Sale	26⅜	Sale	25¾ Dec 18	28 Dec 3	23¼ Oct 25	50½ Jan 2
5,602	88,981	Caterpillar Tractor	*	38¾	Sale	36¼	Sale	—	—	35½ Dec 14	37¾ Dec 6	29¾ Jun 25	41⅞ Feb 1
2,226	56,425	Celanese Corp of America	*	—	—	37⅛	Sale	38⅜	Sale	37⅛ Dec 3	38¾ Dec 31	29 Jun 25	43¾ Mar 22
890	20,637	Cenco Instruments Corp	1	—	—	—	—	—	—	38⅞ Dec 27	39 Dec 13	31 Jun 14	66¾ Mar 12
2.213	21,518	Cerro Corp (Un)	5	—	—	—	—	19	Sale	18½ Dec 19	20½ Dec 4	17⅝ Oct 26	32¾ Jan 3
3.070	49,182	Certain-teed Prods Corp	1	—	—	—	—	15¾	Sale	15¼ Dec 18	17¾ Dec 5	12 Oct 23	58⅞ Jan 3
3,420	42,243	Chadbourn Gotham Inc	1	7½	Sale	—	—	4⅛	Sale	4 Dec 27	4¾ Dec 6	4 Oct 24	9½ Apr 3
2,068	54,853	Champlin Oil & Ref (Un)	1	—	—	—	—	—	—	29⅝ Dec 6	31¼ Dec 21	21⅛ May 29	31¼ Dec 21
----	512	Charter Oil Co Ltd	1	—	—	—	—	—	—	—	—	1¼ Mar 9	1½ Feb 2
2,461	33,833	Chesapeake & Ohio (Un)	25	—	—	—	—	51¾	Sale	50⅛ Dec 14	53⅛ Dec 4	45 Oct 1	59¾ Feb 16
1,418	18,679	Chicago Mil & St Paul & Pacific Co (Un)	*	—	—	10¼	Sale	9⅜	Sale	8¾ Dec 26	10½ Dec 4	7⅛ Oct 23	17⅜ Feb 7

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

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Aggregate Sales in December Shares	Sales for Year 1962 Shares	Pacific Coast Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Ask	Dec. 31 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	Highest Sale Prices
		Chicago Rock Island & Pacific RR (Un)	*	—	—	—	—	—	—	19⅛ Dec 24	21¼ Dec 4	14¾ Oct 26	26⅛ Feb 12
1,957	20,377	Chris Craft Indus	1	—	—	—	—	—	—	12 Dec 19	13¼ Dec 4	8¼ Oct 24	32 Jan 4
1,068	16,357	Christiana Oil Corp	1	—	—	6	Sale	5¼	Sale	5⅛ Dec 20	6⅛ Dec 5	4⅞ Oct 25	9¼ Apr 2
3,776	27,796	Chrysler Corporation	25	—	—	69⅝	Sale	73⅜	Sale	68⅞ Dec 3	75¼ Dec 20	39 May 29	75¼ Dec 20
37,242	257,595	Cities Service Co (Un)	10	—	—	—	—	57⅛	Sale	53 Dec 10	57⅛ Dec 28	46⅜ Oct 22	59 Feb 6
2,508	30,517	Clary Corp	1	8⅞	9⅛	5¼	5½	4¾	Sale	4¾ Dec 31	6⅛ Dec 6	4 Oct 25	9⅞ Feb 2
2,041	20,570	Cohu Electronics Inc	1	—	—	—	—	3⅝	Sale	3⅝ Dec 20	4⅛ Dec 4	3⅝ Nov 8	10¾ Feb 5
1,409	18,817	Colorado Fuel & Iron	5	17	Sale	10⅛	Sale	8¼	Sale	8¼ Dec 24	10⅜ Dec 3	7½ Oct 19	17½ Jan 4
11,742	54,311	Columbia Broadcast Sys	2.50	40	Sale	—	—	—	—	42⅝ Dec 4	44⅞ Dec 7	32 Jun 25	44⅞ Dec 7
3,853	24,919	Columbia Gas System (Un)	10	—	—	25	Sale	—	—	25 Dec 3	26 Dec 24	22⅛ May 29	30⅛ Apr 25
6,156	59,230	Commercial Solvents (Un)	1	34⅜	Sale	—	—	—	—	20¾ Dec 19	23 Dec 4	15¾ Jun 27	37 Apr 2
1,719	33,789	Commonwealth Edison	12½	45¼	Sale	43¼	Sale	—	—	43¼ Dec 3	44¼ Dec 24	37½ Jun 22	45½ Feb 12
1,465	18,640	Consol Edison of NY (Un)	*	81¾	Sale	—	—	—	—	79½ Dec 5	83¾ Dec 28	46 May 29	83¾ Dec 28
5,977	43,417	Consolidated Foods	1⅓	—	—	—	—	—	—	33½ Dec 27	34 Dec 28	28⅜ Oct 19	37½ Feb 7
622	5,113	Consol Nat Gas Co (Un)	10	—	—	—	—	—	—	56 Dec 27	58¼ Dec 7	55 Jun 28	65 May 1
285	9,115	¶Consumers Power (Un)	*	—	—	—	—	—	—	41¼ Dec 19	42⅛ Dec 27	35⅛ Jun 21	42⅝ Apr 23
735	8,192	Continental Can (Un)	10	47⅞	Sale	44⅛	Sale	—	—	44⅛ Dec 3	45 Dec 5	39¼ July 27	47⅞ Jan 2
26,277	72,818	Continental Cop & Steel Industries	2	—	—	—	—	—	—	a—	a—	4½ Oct 29	8¼ Jan 4
228	3,599	Continental Insur (NY)	5	—	—	58⅝	Sale	—	—	58⅝ Dec 3	60½ Dec 7	49 Oct 1	71¼ Mar 22
1,984	31,509	Continental Motors (Un)	1	—	—	11⅛	Sale	—	—	11 Dec 3	11¼ Dec 4	8⅞ Jun 25	12 Jan 26
6,790	70,387	Continental Oil Co (Un)	5	54¼	Sale	54⅛	Sale	54⅞	Sale	53½ Dec 10	54⅞ Dec 31	47 Jun 27	55¾ Mar 16
1,144	48,757	Controls Co of America	5	—	—	—	—	—	—	a—	a—	22 Nov 21	33 Mar 16
100	1,352	Corn Products	50c	—	—	—	—	50½	Sale	49¾ Dec 28	52 Dec 5	41 Oct 24	60¾ Mar 29
3,288	51,521	Crane Co (Un)	25	68⅜	Sale	—	—	42¼	Sale	41½ Dec 28	42½ Dec 6	37⅝ Oct 26	68⅜ Jan 2
1,634	17,800	Crestmont Consol Corp	1	7	Sale	4½	Sale	4	Sale	4 Dec 31	4½ Dec 3	4 Dec 31	10¼ Feb 6
1,333	25,960	Crown Zellerbach com	5	59¾	Sale	47½	Sale	—	—	45 Dec 19	48¾ Dec 4	38 Aug 8	59¾ Jan 2
6,942	153,446	$4.20 preferred	*	—	—	—	—	—	—	a—	a—	92½ Jun 14	96¾ May 3
1	1,261	Crucible Steel Co of America (Un)	12.50	—	—	16⅝	Sale	16⅜	Sale	15¾ Dec 13	17 Dec 4	12½ Oct 22	21½ Mar 28
2,722	27,604	Cudahy Packing Co (Un)	5	12⅝	Sale	—	—	—	—	7⅞ Dec 28	7⅞ Dec 28	6½ Jun 28	14⅜ Jan 24
356	12,674	Curtis Publishing Co (Un)	1	—	—	—	—	6⅛	Sale	6 Dec 28	6¼ Dec 17	6 May 29	13¾ Feb 20
1,102	20,127	Curtiss-Wright Corp (Un)	1	17⅜	Sale	18⅝	Sale	—	—	17⅜ Dec 21	19¼ Dec 5	14¼ Jun 27	20¼ Aug 16
6,256	64,290	Class "A" (Un)	1	—	—	—	—	—	—	a—	a—	9¾ Feb 24	15½ Mar 15
92	1,206	Cutter Laboratories Inc— Class A common	1	10	10¾	11¼	11¾	11¾	Sale	11¼ Dec 27	12 Dec 12	9¾ Jan 24	15½ Mar 15
3,614	44,203	Class B common	1	9¾	10⅜	11¼	12	11¼	Sale	11¼ Dec 31	11¼ Dec 31	9¾ Jan 19	15 Apr 25
230	8,233	Cypress Abbey Co	2	2.25	2.45	2.05	2.20	2.15	2.25	—	—	1.95 July 3	2.25 Jan 16
----	19,923												
165	30,919	Decca Records Inc	50c	—	—	—	—	—	—	a—	a—	36 Jun 21	51¼ Apr 6
663	11,883	Deere & Co (Un)	1	—	—	—	—	—	—	50 Dec 21	51⅜ Dec 7	43¼ Sep 28	56 Feb 14
4,572	22,397	Denver & Rio Grande Western RR (Un)	*	—	—	19¾	Sale	—	—	19½ Dec 3	20¼ Dec 4	15⅞ Jun 22	22 Jan 12
2,910	20,082	Desilu Productions Inc	1	7⅞	8¼	8¼	Sale	7⅝	Sale	7⅝ Dec 31	8⅜ Dec 4	6¾ May 29	12 Mar 15
9,844	78,728	DiGiorgio Fruit Corp	2.50	16¾	Sale	11½	11¾	13¾	Sale	11⅛ Dec 11	13⅞ Dec 24	10⅜ Oct 19	17¼ Feb 14
5,422	29,626	Disney (Walt) Prod	2.50	—	—	29	Sale	28¼	Sale	27¼ Dec 19	30 Dec 24	22 Oct 23	40⅜ Jan 11
1,747	14,901	Dome Mines Ltd (Un)	*	—	—	—	—	—	—	22¾ Dec 28	24 Dec 10	22¾ Dec 28	31½ July 20
449	6,177	Dorr-Oliver Corp com	7½	15¼	15¾	12	12½	11⅞	12⅜	12 Dec 26	12⅜ Dec 13	11⅛ Oct 31	17¾ Apr 26
----	1,103	$2 preferred	32½	39½	40½	34	36	34½	36	—	—	36⅜ July 18	42¾ Apr 3
26,106	122,134	Douglas Aircraft	*	33¼	Sale	33	Sale	26	Sale	26 Dec 31	35¼ Dec 5	18 Jun 25	37¼ Jan 26
5,960	82,578	Dow Chemical Co	5	—	—	—	—	56¼	Sale	56¼ Dec 19	59¼ Dec 5	40¾ Jun 26	70⅞ Jan 11
1,930	31,632	Dresser Industries	50c	28¾	Sale	—	—	—	—	22¼ Dec 14	23 Dec 5	19½ Oct 22	31⅞ Mar 5
3,362	39,686	du Pont de Nemours (Un)	5	244	Sale	230	Sale	—	—	230 Dec 3	238¾ Dec 28	165 Jun 27	253⅞ Mar 14
1,717	16,278	Eastern Air Lines (Un)	1	—	—	—	—	19⅜	Sale	19⅜ Dec 31	22½ Dec 6	16⅛ Jun 28	29⅛ Jan 23
4,650	45,864	Eastman Kodak Co (Un)	10	—	—	108	Sale	—	—	107 Dec 19	109⅜ Dec 13	85¼ Jun 25	115 Mar 14
110	24,320	Elder Peel Corp Ltd	1	1½	1⅝	¾	1	¾	1	a—	a—	1 Jun 22	1⅛ Jan 18
40,748	368,489	El Paso Natural Gas	3	25⅞	Sale	17	Sale	16¾	Sale	16¼ Dec 24	17⅛ Dec 4	15⅛ Oct 19	26⅝ Jan 26
194	8,516	Electric Auto-Lite (Un)	5	—	—	—	—	—	—	51½ Dec 5	51½ Dec 5	47 Jun 25	61½ Jan 31
516	5,665	Electric Bond & Sh (Un)	5	—	—	—	—	—	—	27⅞ Dec 6	28 Dec 5	23½ Jun 25	32 Feb 13
8,309	69,477	Electronics Specialty	50c	—	—	21⅜	Sale	24¼	Sale	21⅜ Dec 3	24⅝ Dec 27	15¼ Jun 22	32 Jan 16
1,665	19,303	Emerson Radio & Phonograph (Un)	5	—	—	—	—	10	Sale	10 Dec 31	11½ Dec 6	7¾ Oct 24	15¼ Mar 22
4,543	71,916	Emporium Capewell	10	49	Sale	37¼	Sale	37¾	Sale	36¾ Dec 3	38¼ Dec 21	29½ Jun 22	49¾ Jan 2
1,680	9,066	Erie-Lack RR (Un)	*	—	—	3¼	Sale	—	—	2⅝ Dec 17	3⅜ Dec 3	2 Oct 30	4⅛ Feb 15
65	9,782	Eureka Corp Ltd ($1 or 25c)		5/32	¼	⅛	3/16	⅛	3/16	a—	a—	⅛ Aug 1	5/32 Mar 19
1,970	11,572	Eversharp Inc	1	55c	60c	—	—	24¼	Sale	23⅞ Dec 28	26 Dec 4	17⅜ Oct 26	33 Feb 2
15,594	134,043	Exeter Oil Co Ltd "A"	1	—	—	38c	40c	39c	Sale	36c Dec 20	42c Dec 7	32c July 5	75c Jan 15
8,739	24,690	¶FMC Corp	10	—	—	36⅞	Sale	36¼	Sale	35¼ Dec 19	39 Dec 7	29⅛ Oct 24	39 Dec 7
1,629	29,662	Factor (Max) & Co	1	—	—	—	—	38¼	Sale	37¾ Dec 11	38¼ Dec 21	28¼ Jun 14	46 Mar 14
9,834	109,715	Fairbanks Whitney com	1	—	—	—	—	4⅛	Sale	4⅛ Dec 31	5 Dec 5	4 Oct 24	8⅞ Feb 14
----	88	Convertible preferred	40	—	—	—	—	—	—	a—	a—	a—	a—
5,064	71,672	Fairchild Camera & Instrument Corp	5	62½	Sale	46⅞	Sale	45	Sale	45 Dec 24	50½ Dec 5	31¼ Jun 13	70 Mar 15
2,682	27,865	Fairchild Stratos (Un)	1	—	—	—	—	7	Sale	7 Dec 31	8⅜ Dec 5	5½ Jun 22	11½ Feb 12
666	5,875	Fansteel Metallurgical (Un)	5	—	—	—	—	—	—	18⅜ Dec 12	19⅜ Dec 4	15⅜ Sep 26	26 Feb 6
1,020	32,807	Fargo Oils Ltd	1	—	—	—	—	2 7/16	Sale	2 7/16 Dec 31	2 9/16 Dec 28	2 5/16 July 18	4 Jan 18
50	8,766	Fawick Corp	2	—	—	—	—	—	—	a—	a—	7 Oct 29	10⅛ Mar 13
463	7,587	Fedders Corp (Un)	1	—	—	—	—	15⅜	Sale	15⅜ Dec 31	15½ Dec 31	12½ Oct 24	23½ Feb 5
813	8,863	Federal-Mogul-Bower Bearings	5	36¼	37¼	37½	38½	39	Sale	37½ Dec 17	39 Dec 21	32 Jun 28	42 Mar 6
2,599	35,626	Fibre Board Paper Prod	*	—	—	—	—	—	—	25 Dec 4	26½ Dec 13	18⅛ Jun 25	31½ Feb 16
2,903	36,470	Firestone Tire & Rub (Un)	*	44⅜	Sale	—	—	—	—	32⅝ Dec 13	34½ Dec 27	25⅝ Oct 26	48 Apr 3
6,396	126,615	First Charter Financial	*	—	—	—	—	32¼	Sale	31½ Dec 4	34¾ Dec 10	24 Oct 24	49⅛ Mar 5
8,159	70,921	Flintkote Co (The)	5	24¼	Sale	18⅛	Sale	17⅜	Sale	17¼ Dec 18	18¾ Dec 5	13⅞ Oct 24	26 Mar 16
997	20,981	Florida Power & Light (Un)	*	76	Sale	—	—	—	—	65¾ Dec 24	68½ Dec 6	49⅞ Jun 27	82 Feb 8
1,402	17,344	Fluor Corp Ltd	2.50	—	—	—	—	—	—	14¼ Dec 20	15 Dec 10	13 Oct 24	30 Mar 1
2,687	38,816	Flying Tiger Line Inc	1	13⅜	13⅝	—	—	—	—	14¾ Dec 19	16 Dec 5	9 May 29	16½ Nov 23
810	4,674	Food Fair Stores Inc	1	—	—	—	—	—	—	20¾ Dec 24	21½ Dec 10	19½ Oct 29	39⅞ Jan 3
17,365	150,860	¶Ford Motor Co	2½	—	—	45	Sale	45⅛	Sale	44⅜ Dec 10	46⅞ Dec 26	36⅛ Jun 27	46⅞ Dec 26
15,322	99,768	Foremost Dairies Inc	2	—	—	—	—	8⅝	Sale	8⅛ Dec 24	9¼ Dec 4	7⅛ Oct 24	14¼ Jan 4
16,710	96,989	Friden Inc	33⅓c	—	—	29	Sale	29¼	Sale	29 Dec 3	32⅜ Dec 6	23⅝ Sep 27	52 Jan 12
4,443	41,742	Fruehauf Trailer Co	1	—	—	—	—	24⅞	Sale	24 Dec 11	25¼ Dec 5	18¾ Oct 24	27¾ Mar 20
1,633	10,939	Garrett Corp	2	—	—	—	—	42½	Sale	42½ Dec 31	45 Dec 7	39½ Jun 27	57⅜ Feb 21
9,792	81,766	Gen Amer Oil Co of Tex	5	—	—	—	—	37	Sale	33¼ Dec 18	38 Dec 24	29¼ Oct 23	44 May 7
1,996	33,821	General Controls Co	5	14¾	Sale	—	—	—	—	14⅝ Dec 24	15⅛ Dec 5	9 Jun 21	16¼ Jan 4
19,211	175,608	General Dynamics Corp	1	29¾	Sale	31	Sale	28⅜	Sale	28¼ Dec 31	32 Dec 5	20⅛ Jun 15	36½ Feb 1
14,801	174,935	Gen Electric Co (Un)	5	75⅝	Sale	74⅝	Sale	—	—	74½ Dec 19	78 Dec 18	54⅝ Jun 25	78⅜ Mar 12
15,286	169,113	Genl Explor Co of Calif	1	14⅛	Sale	8⅞	Sale	8¼	Sale	7⅝ Dec 18	9⅛ Dec 5	7⅝ Dec 18	15 Mar 5
2,951	33,770	General Foods Corp (Un)	*	—	—	—	—	—	—	74¼ Dec 6	78 Dec 20	59½ Jun 15	95⅜ Jan 4
816	30,743	General Mills Inc (Un)	3	—	—	—	—	—	—	30⅞ Dec 4	31 Dec 14	22½ May 29	33½ Jan 3
45,597	608,388	General Motors Corp	1⅔	56⅝	Sale	55½	Sale	58¼	Sale	55¼ Dec 3	59½ Dec 20	45¼ Jun 25	59½ Dec 20
2,970	48,000	Genl Public Serv (Un)	10c	—	—	—	—	—	—	5⅜ Dec 28	6 Dec 6	4½ May 29	7⅜ Jan 3
5,363	26,968	General Public Util (Un)	2½	—	—	—	—	—	—	30⅝ Dec 13	32 Dec 20	29¼ Oct 24	35⅞ Mar 20
41,195	455,577	General Telephone & Electronics Corp (Un)	3⅓	28¾	Sale	23⅜	Sale	22½	Sale	22½ Dec 18	24¼ Dec 6	18½ Oct 24	29 Jan 2
10,464	101,743	¶Gen Tire & Rubber	30c	—	—	22	Sale	—	—	20¼ Dec 24	23⅛ Dec 6	16¼ Oct 22	29¾ Apr 4
3,457	34,043	Georgia-Pac Corp (Un)	80c	57½	Sale	—	—	47¼	Sale	42½ Dec 14	47⅜ Dec 31	30⅝ Oct 24	57½ Jan 2
376	8,691	Gerber Products Corp	5	—	—	—	—	—	—	a—	a—	41¾ Jun 29	58¼ Jan 16
3,052	34,304	Getty Oil Co	4	—	—	17¼	Sale	17⅞	Sale	16¾ Dec 18	17⅞ Dec 31	12½ Jun 26	19⅞ Feb 15
1,115	19,634	Gibraltar Financial Corp	1	—	—	—	—	—	—	27⅝ Dec 21	29½ Dec 10	22⅞ Oct 23	50½ Feb 28
22,993	106,229	Gillette Co	1	—	—	32⅝	Sale	31¼	Sale	30⅜ Dec 19	33⅛ Dec 4	30 Oct 23	52⅞ Jan 4
94	3,407	¶Gimbel Bros (Un)	5	—	—	—	—	—	—	a—	a—	30½ Sep 25	39½ Apr 4
1,555	41,961	Glen Alden Corp (Un)	1	—	—	—	—	10	Sale	9⅞ Dec 31	11⅛ Dec 5	8⅝ Jun 15	14½ Feb 15
5,359	13,096	Glidden Co (Un)	10	—	—	—	—	—	—	36 Dec 20	36⅛ Dec 20	36 Sep 7	45¼ Feb 15
23,410	44,915	Goebel Brewing Co	1	—	—	51c	Sale	45c	Sale	45c Dec 18	53c Dec 3	45c Dec 18	1⅞ Jan 9
162,473	820,376	Good Humor Co of Calif	10c	1.90	Sale	83c	Sale	77c	Sale	72c Dec 17	94c Dec 6	61c Nov 8	1.90 Jan 2
2,921	29,409	Goodrich (B F) (Un)	10	—	—	44⅞	Sale	43	Sale	42 Dec 31	42⅞ Dec 3	37¼ Oct 24	72 Jan 3
7,380	70,741	Goodyear Tire & Rubber	*	—	—	32⅝	Sale	32¾	Sale	31½ Dec 7	33½ Dec 19	26⅛ Oct 19	44¼ Apr 11
1,066	6,295	¶Grace (W R) & Co	1	—	—	—	—	—	—	38⅝ Dec 14	40½ Dec 7	28⅜ Jun 13	40½ Dec 7
261	9,508	Granite City Steel (Un)	6¼	—	—	—	—	—	—	a—	a—	22½ Oct 11	44½ Jan 24

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	Pacific Coast Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
61,053	1,280,069	Great Basins Petroleum	20c	7	Sale	3⅝	Sale	3⅜	Sale	3¼ Dec 28	4¼ Dec 6	2½ May 29	8⅛ Jan 12
11,216	140,013	Great Lakes Chemical	1	4⅞	Sale	2¼	Sale	2	Sale	2 Dec 20	2¼ Dec 3	1¾ Oct 23	5 Jan 15
3,818	44,973	Great Northern Ry (Un)	*	45	Sale	—	—	—	—	41½ Dec 11	45 Dec 5	35¼ Aug 14	47⅞ Feb 1
15,645	255,750	Great Western Financial	1	—	—	17⅛	Sale	18¼	Sale	16¾ Dec 17	18½ Dec 7	13 Oct 23	39¼ Jan 22
21	1,610	Gt Western Producers	60c	10	10¾	5½	6½	5½	6¼	a—	a—	6 Aug 22	6⅝ Aug 27
3,864	43,561	Greyhound Corp com	3	—	—	—	—	31⅞	Sale	31⅛ Dec 11	32¼ Dec 5	22 May 29	32½ Nov 29
150	4,068	4½% conv pfd	50	—	—	—	—	—	—	62½ Dec 21	62½ Dec 21	55¾ May 7	62½ Dec 21
3,766	23,373	Grumman Aircraft Engineering (Un)	1	37⅝	Sale	—	—	—	—	45⅞ Dec 5	47 Dec 6	31½ Jun 27	47 Dec 6
6,481	65,205	¶Gulf American Land Corp	1	—	—	6⅛	Sale	5⅞	Sale	5⅜ Dec 27	6⅛ Dec 3	3¾ Oct 23	9¼ Jun 20
646	8,452	Gulf Mobile & Ohio RR Co (Un)	*	—	—	—	—	—	—	30¼ Dec 5	30¼ Dec 5	22⅛ Oct 4	30¼ Dec 5
5,253	119,179	Gulf Oil Corp (Un)	8½	41½	Sale	—	—	39⅞	Sale	38¾ Dec 7	39⅞ Dec 19	32½ Oct 25	44 Mar 12
2,048	28,292	Hammond Organ Co (Un)	1	—	—	—	—	—	—	20¼ Dec 17	21⅞ Dec 6	17¾ Oct 29	33¼ Feb 8
36	3,043	Hartfield Stores	1	14¼	14¾	6¾	7¼	—	—	a—	a—	6 Nov 7	14⅛ Jan 11
1,029	19,112	¶Hercules Powder (Un)	1 1/24	—	—	—	—	—	—	42¼ Dec 28	43¼ Dec 24	32⅞ July 19	44 Nov 19
350	6,083	Hertz Corp (Un)	1	—	—	—	—	—	—	43½ Dec 4	43½ Dec 4	32¾ Oct 24	59¾ Jan 16
8,502	125,207	Hewlett-Packard Co	1	36	Sale	—	—	24¼	Sale	23½ Dec 19	26⅞ Dec 4	15 Jun 22	36⅝ Jan 2
3,483	34,875	Hilton Hotels Corp	2.50	—	—	—	—	—	—	25½ Dec 4	29¼ Dec 12	22½ Oct 26	33½ Feb 14
1,470	9,884	Warrants	—	—	—	—	—	—	—	6⅝ Dec 28	8 Dec 12	4½ Oct 23	12 Feb 14
4,947	48,547	Hoffman Electronics	50c	—	—	9⅞	Sale	9	Sale	9 Dec 31	11¼ Dec 5	7¼ Oct 24	17⅝ Jan 3
8,706	70,321	Holly Oil Co	1	2.20	Sale	1.70	1.85	1.60	1.70	1.55 Dec 26	1.85 Dec 7	1.55 Dec 26	2.70 Jan 30
—	1,076	Home Oil Co Ltd cl A	*	12½	13	11	11½	10¼	10¾	—	—	10¾ Nov 5	14⅜ Feb 9
50	680	Class B	*	—	—	10½	11	10¼	10¾	a—	a—	8⅛ July 24	12¼ Apr 16
6,598	42,307	Homestake Min'g (Un)	12½	—	—	45⅝	Sale	43	Sale	42 Dec 28	46¼ Dec 3	42 Dec 28	59¼ July 18
1,611	12,558	Howe Sound Co (Un)	1	15⅞	Sale	—	—	—	—	11⅛ Dec 6	11⅛ Dec 6	9¾ Sep 25	17⅜ Feb 8
1,425	21,423	Hupp Corp (Un)	1	—	—	—	—	—	—	7¾ Dec 12	8⅛ Dec 6	5½ May 29	9¾ Mar 26
970	12,757	Idaho Power Co	5	37	Sale	—	—	33⅛	Sale	33⅛ Dec 31	33¼ Dec 28	26½ Jun 26	37 Jan 2
7,941	51,705	Ideal Cement Co	5	—	—	—	—	21⅜	Sale	21⅛ Dec 18	22⅝ Dec 7	18¼ Sep 28	27 Feb 12
736	11,866	Illinois Central RR (Un)	*	—	—	—	—	—	—	40⅜ Dec 20	40⅜ Dec 20	32¾ Jun 25	46 Jan 31
35,521	93,886	Imperial Western	50c	—	—	1.25	Sale	1.25	Sale	1.00 Dec 18	1.45 Dec 21	1.00 Dec 18	1.70 Oct 2
1,184	45,015	Inland Steel Co (Un)	*	—	—	—	—	—	—	35⅜ Dec 24	36 Dec 19	31⅝ Jun 26	47 Mar 2
70	3,610	Interlake Iron Corp (Un)	*	24¾	Sale	—	—	—	—	a—	a—	21¼ Oct 26	27⅛ Apr 3
3,479	40,937	Internat'l Harvester (Un)	*	52	Sale	—	—	—	—	47¼ Dec 18	50 Dec 7	44 Oct 25	57⅛ Mar 1
1,414	26,410	International Nickel Co of Can Ltd (Un)	*	—	—	—	—	—	—	61 Dec 19	63⅜ Dec 6	52¼ Jun 25	85 Jan 4
8,599	82,677	Int'l Paper Co (Un)	2.50	37⅜	Sale	—	—	—	—	27 Dec 24	28⅝ Dec 10	22⅞ Oct 24	38⅛ Mar 16
241	521	Int'l Pipe & Ceramics com	1	—	—	—	—	—	—	29 Dec 5	29 Dec 5	29 Dec 5	29 Dec 5
428	2,505	5% conv preferred	100	—	—	—	—	—	—	a—	a—	a—	a—
4,118	42,661	Int'l Rectifier Corp	1	17½	Sale	9⅞	Sale	9	Sale	8¾ Dec 24	10⅝ Dec 5	7¾ May 29	18½ Jan 4
5,205	73,773	Int'l Tel & Tel (Un)	*	—	—	—	—	42	Sale	42 Dec 31	45¼ Dec 6	33¼ Jun 27	58 Feb 16
100	2,507	Interstate Power Co	3½	—	—	—	—	—	—	a—	a—	20 May 29	24⅝ Jan 15
1,812	15,639	Intex Oil Co	33½c	6⅞	7¼	6⅝	Sale	6	6¼	6⅛ Dec 3	6⅝ Dec 3	5⅜ Aug 1	8½ Mar 16
35,633	523,810	Jade Oil Co	50c	4⅜	Sale	3¾	Sale	3⅞	Sale	3¾ Dec 3	4⅛ Dec 14	2.85 May 29	5⅞ Mar 16
3,608	35,444	Johns-Manville Corp (Un)	5	57	Sale	—	—	—	—	41⅞ Dec 19	45¼ Dec 6	39¼ Sep 25	59¼ Feb 8
2,882	35,242	Jones & Lghlin Steel (Un)	10	—	—	—	—	—	—	45⅝ Dec 11	49¾ Dec 5	40 Oct 19	72⅞ Jan 3
3,695	33,031	Jorgensen (Earle M)	1	—	—	14⅝	Sale	—	—	13⅛ Dec 20	14⅝ Dec 3	13 Nov 20	17½ Jan 9
3,144	77,027	Kaiser Alum & Chem	33½c	33	Sale	34	Sale	35⅜	Sale	32¾ Dec 11	36 Dec 27	25¾ Jun 25	36¾ Mar 19
25	649	4⅛% conv preferred	100	—	—	—	—	—	—	a—	a—	92 Oct 5	92 Oct 5
19,734	172,590	Kaiser Industries	4	9⅛	Sale	6½	6⅞	6⅜	Sale	6¼ Dec 28	7⅛ Dec 5	5¼ Oct 4	10 Jan 4
160	3,736	Kansas Pow & Lt Co (Un)	8¾	—	—	—	—	—	—	48½ Dec 13	48½ Dec 13	40 July 2	47½ Jan 8
5,974	64,931	Kennecott Copper (Un)	*	—	—	67½	Sale	65¼	Sale	65 Dec 14	67¾ Dec 5	60¼ Oct 22	85⅞ Jan 5
7,739	66,399	Kern County Land Co	2.50	—	—	74	Sale	73½	Sale	70½ Dec 18	74 Dec 3	61 Jun 25	91¾ Mar 5
211	8,574	Kirkeby-Natus Corp	1	—	—	—	—	—	—	15⅜ Dec 21	15⅜ Dec 21	15⅜ Dec 21	25 Feb 5
14,862	72,670	Kratter Corp class A com	1	26½	26⅞	16	Sale	15⅝	Sale	14¾ Dec 3	17½ Dec 5	14¾ Dec 3	28½ Feb 26
—	650	Kropp Forge Co	33½c	—	—	—	—	—	—	—	—	2⅛ May 9	2⅝ Mar 26
100	1,022	Laclede Gas Co (Un)	4	—	—	—	—	—	—	27¾ Dec 27	27¾ Dec 27	23⅞ Jun 22	30 Jan 26
97	27,091	Larchfield Corp	1	—	—	—	—	—	—	a—	a—	5⅛ Aug 22	5¼ May 29
6,940	40,876	Lear Siegler Inc	1	—	—	16⅝	Sale	15⅞	Sale	15⅜ Dec 19	17⅝ Dec 5	13¼ Oct 24	18½ Sep 4
1,251	16,704	Lehman Corp (Un)	1	33¼	Sale	29⅝	Sale	—	—	27¾ Dec 17	30 Dec 4	25 May 29	35⅛ Feb 7
1,323	14,646	Leslie Salt Co	10	85	—	59½	Sale	57½	Sale	57½ Dec 31	62 Dec 10	50 Jun 15	88 Jan 16
3,446	120,275	Libby McNeill & Libby	7	13⅝	Sale	11¾	Sale	12¼	Sale	11¾ Dec 3	12⅝ Dec 31	9⅞ Oct 24	17⅛ Mar 12
3,568	27,457	Liggert & Myers Tob (Un)	25	—	—	—	—	66⅛	Sale	66⅛ Dec 31	68 Dec 4	64 Oct 23	108¼ Jan 8
5,758	89,020	Ling-Temco-Vought (Un)	50c	25¾	Sale	17½	Sale	15⅞	Sale	15⅞ Dec 28	18¾ Dec 5	15 Jun 25	25¾ Jan 2
2,095	13,445	Lithium Corp of America	1	—	—	—	—	—	—	6¾ Dec 19	7⅞ Dec 5	6⅝ Oct 9	13⅝ Jan 5
31,050	165,816	¶Litton Industries Inc	1	—	—	65½	Sale	65	Sale	63⅛ Dec 19	69⅝ Dec 5	47 July 6	69⅝ Dec 5
25,346	231,607	Lockheed Aircraft Corp	1	—	—	51¼	Sale	54	Sale	51⅛ Dec 3	55⅞ Dec 20	35 May 29	55⅞ Dec 20
268	10,907	Loew's Theatres (Un)	1	—	—	—	—	—	—	21 Dec 27	21 Dec 27	20 July 26	43¾ Feb 26
6,509	28,486	Lone Star Cement (Un)	4	—	—	19⅝	Sale	18	Sale	18 Dec 31	19⅝ Dec 3	15⅝ Oct 23	24¼ Feb 12
4,694	62,433	Lorillard (P) Co (Un)	5	60½	Sale	—	—	42½	Sale	41¼ Dec 19	43¾ Dec 4	36¾ Oct 24	63⅛ Feb 6
134,147	1,663,937	M J M & M Oil Co (Un)	10c	40c	Sale	33c	Sale	30c	Sale	29c Dec 24	33c Dec 3	29c Dec 24	69c Jan 17
4,782	12,861	Macy & Co Inc (R H)	1	—	—	—	—	—	—	59 Dec 12	61 Dec 7	50 Sep 24	68¼ Jan 8
600	34,907	Madison Sq Garden Corp	1	—	—	—	—	—	—	1⅞ Dec 7	1⅞ Dec 7	1⅝ Nov 1	3¼ Mar 27
6,831	91,518	Magnavox Co (Un)	1	—	—	36½	Sale	—	—	35¾ Dec 18	38½ Dec 5	27⅛ Jun 25	47⅛ Mar 19
950	17,450	Marathon Oil Company	*	—	—	—	—	—	—	43¼ Dec 4	43¾ Dec 13	36¾ Aug 28	45 Feb 15
1,715	5,967	Marquardt Corp	1	—	—	—	—	12¼	Sale	12¼ Dec 31	14⅞ Dec 5	11½ Oct 22	14¼ Nov 29
33,229	331,657	Martin Marietta Corp	1	27⅞	Sale	21½	Sale	21¼	Sale	21 Dec 28	24 Dec 5	18¼ May 28	28¾ Jan 2
13,025	422,083	McCullough Oil Corp	50c	2¾	Sale	2	Sale	1⅞	Sale	1⅞ Dec 21	2¼ Dec 10	1⅞ Dec 21	4 Jan 9
546	12,216	McKesson & Robbins (Un)	9	—	—	38¼	Sale	—	—	38¼ Dec 3	38½ Dec 21	33 Sep 6	43⅝ Jan 5
2,017	24,103	Meier & Frank Co Inc	10	16½	16⅞	16½	17	16	Sale	16 Dec 31	16⅞ Dec 13	15¼ Jun 28	17½ Mar 22
1,225	32,846	Menasco Manufacturing Co	1	5⅛	Sale	4⅝	4⅞	4½	Sale	4⅜ Dec 31	4¾ Dec 4	3½ May 29	5½ Jan 12
15,000	227,646	Merchants Petroleum Co	25c	2.00	Sale	1.55	Sale	1.60	Sale	1.50 Dec 7	1.75 Dec 21	1.25 May 29	2.10 Jan 17
925	17,694	Merck & Co (Un)	16⅔	89⅝	Sale	—	—	—	—	79¾ Dec 12	83 Dec 5	60⅜ Jun 25	95 Mar 23
1,555	24,574	Merritt-Chapman & Scott (Un)	12½	11	Sale	12⅛	Sale	—	—	12 Dec 20	12½ Dec 7	9⅛ July 5	12⅞ Aug 20
3,466	38,163	Metro-Goldwyn-Mayer Inc. (Un)	*	—	—	—	—	31⅛	Sale	30½ Dec 28	34⅜ Dec 10	27¼ Jun 27	57 Feb 15
1,505	11,419	Middle South Utilities	10	—	—	—	—	—	—	36½ Dec 28	36¾ Dec 28	26½ Jun 25	38½ Apr 19
8,953	88,079	Minnesota Min & Mfg	*	66½	Sale	54	Sale	52¾	Sale	52¼ Dec 24	58 Dec 5	41½ Jun 25	70 Mar 14
124	1,379	Minn Pwr & Lt Co (Un)	*	—	—	—	—	—	—	40 Dec 4	40 Dec 4	38¾ Nov 27	43⅞ Mar 28
1,613	28,676	Mission Development (Un)	5	—	—	—	—	—	—	28 Dec 4	30⅛ Dec 13	20½ July 6	27¼ Nov 29
1,181	14,618	Miss River Fuel Corp	10	—	—	—	—	—	—	35⅜ Dec 14	37 Dec 21	31 Oct 25	39⅜ Feb 9
30,951	124,610	Monogram Precision Indus	1	2⅞	Sale	1¾	Sale	1⅝	Sale	1½ Dec 13	1¾ Dec 3	1 Jun 19	3⅜ Jan 8
5,722	54,663	Monsanto Chemical (Un)	2	—	—	48¾	Sale	—	—	48½ Dec 3	50⅜ Dec 11	35⅜ Jun 27	51⅞ Jan 3
723	4,616	Montana-Dakota Util (Un)	5	—	—	—	—	—	—	36¼ Dec 18	37 Dec 19	31 May 29	37½ Feb 31
648	9,454	Montana Power Co	*	—	—	—	—	36⅝	Sale	34 Dec 5	36⅝ Dec 31	29 May 28	40 Mar 14
14,250	165,943	Montgomery Ward (Un)	*	34	Sale	33⅞	Sale	32⅝	Sale	32⅝ Dec 31	34⅜ Dec 5	24¾ Oct 24	37 Apr 6
1,076	19,298	Motorola Inc (Un)	3	—	—	—	—	—	—	a—	a—	50 Oct 24	86 Mar 19
100	9,757	Mt Diablo Co	1	—	—	5⅝	6⅛	—	—	5¾ Dec 26	5¾ Dec 26	4¼ Jan 29	6¼ Mar 22
3,365	15,847	National Airlines Inc	1	14¼	Sale	21¾	Sale	—	—	21¾ Dec 3	24¾ Dec 27	14 Jan 5	24¾ Dec 27
893	11,701	¶National Biscuit Co	5	—	—	—	—	—	—	43⅝ Dec 26	43⅝ Dec 26	34⅝ Oct 23	43⅝ Dec 26
1,257	24,051	Nat'l Cash Register (Un)	5	—	—	—	—	—	—	a—	a—	67½ Oct 23	121½ Mar 14
232	4,060	National City Lines Inc	1	—	—	—	—	—	—	a—	a—	19 Jun 25	22⅛ May 21
7,814	99,608	Nat'l Distillers & Chemical Corp (Un)	5	27¾	Sale	—	—	24¼	Sale	23¼ Dec 18	24⅞ Dec 5	20⅝ Oct 24	30¼ Apr 11
5,521	12,470	National Gypsum Co (Un)	1	—	—	—	—	—	—	40 Dec 4	41⅜ Dec 11	37½ Oct 10	55½ Feb 14
1,000	1,312	National Linen Serv com	1	—	—	—	—	—	—	26½ Dec 19	26½ Dec 19	26½ Dec 19	26½ Dec 19
387	10,864	¶Natl Steel Corp (Un)	10	—	—	—	—	—	—	a—	a—	27½ Sep 26	42⅝ Apr 4
26,325	130,975	National General (Un)	1	6½	Sale	7⅝	Sale	—	—	7⅛ Dec 3	8⅜ Dec 5	5½ Oct 24	9¼ Mar 27
6,056	54,661	Natomas Company	1	—	—	7⅛	Sale	7¼	Sale	7 Dec 10	7½ Dec 14	6 Oct 22	9¾ Mar 29
1,346	31,232	New Eng Elec Syst (Un)	1	—	—	—	—	—	—	23⅜ Dec 14	24½ Dec 27	21⅛ Jun 25	26½ Apr 6
1,286	33,323	New Idria Min & Chem	50c	⅛	1¼	1/16	¾	9/16	Sale	1/16 Dec 27	¾ Dec 21	⅝ May 28	1¼ Jan 25
1,983	25,406	N Y Central RR Co (Un)	*	—	—	15⅛	Sale	14½	Sale	14½ Dec 31	16¾ Dec 5	11 Jun 14	22½ Jan 12
2,134	28,472	Niagara Mohawk Pow (Un)	*	44⅞	Sale	45	Sale	—	—	45 Dec 3	46 Dec 7	39¾ Oct 8	48 Apr 25
16,526	188,377	‡Nordon Corp Ltd	*	—	—	3¾	Sale	3⅛	Sale	3⅛ Dec 28	3¾ Dec 3	2.65 July 11	5⅞ July 30
8,075	276,917	Norris Oil Co	1	1.60	1.65	1.35	1.50	1.30	Sale	1.30 Dec 24	1.55 Dec 17	1.25 Oct 24	3⅜ Apr 5
2,276	28,514	Norris-Thermador Corp	50c	—	—	—	—	—	—	18 Dec 28	19⅜ Dec 6	16 Jun 25	23⅞ Feb 5
4,806	111,296	North Amer Aviation (Un)	1	60¾	Sale	—	—	66⅝	Sale	66⅝ Dec 24	70⅛ Dec 5	52 Jun 25	71¾ Jan 30
1,149	20,126	North Amer Invest com	1	29⅛	33	25	27	—	—	24⅞ Dec 26	28¼ Dec 24	21 Oct 2	32 Jan 25
126	1,630	6% preferred	25	26¾	—	26	26½	—	—	26 Dec 6	26½ Dec 18	25¼ May 16	27 Feb 13
62	1,029	5½% preferred	25	24⅝	—	26	Sale	—	—	26 Dec 3	26 Dec 3	24 Jun 7	26 Nov 12

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

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	Pacific Coast Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
800	1,935	North Amer Royalties	1	—	—	—	—	—	—	1⅞ Dec 11	1⅞ Dec 11	1⅞ Dec 11	3 Feb 19
5,384	45,166	Northern Pacific (Un)	5	43	Sale	38¼	Sale	—	—	36⅛ Dec 11	40 Dec 27	30⅛ Oct 24	44¼ Jan 4
22,195	149,953	Northrop Corp Inc	1	—	—	28⅞	Sale	23¼	Sale	22⅞ Dec 31	29 Dec 3	19½ May 29	32¾ Jan 30
38,318	451,642	Occidental Petroleum	20c	24⅜	Sale	23¾	Sale	20¾	Sale	20½ Dec 21	24⅜ Dec 3	12⅞ May 29	26⅞ Feb 15
453	13,595	Ohio Edison (Un)	15	—	—	—	—	—	—	47½ Dec 24	47½ Dec 24	39⅜ Jun 25	47⅝ Jan 22
3,381	44,271	Olin Mathieson Chemical	5	—	—	—	—	31	Sale	30⅝ Dec 21	33⅛ Dec 5	26⅛ Jun 25	40¾ Jan 3
3,798	31,051	Outboard Marine Co	30c	—	—	14½	Sale	13⅞	Sale	13½ Dec 24	14¼ Dec 7	11½ Oct 23	24¼ Mar 1
842	16,700	Owens-Illinois Glass	6.25	—	—	—	—	73¾	Sale	73¾ Dec 28	76½ Dec 4	67½ Jun 28	94½ Jan 4
4	1,592	Pacific American Corp	5	24½	25¼	18⅝	19⅜	—	—	a— —	a— —	17⅛ Jun 22	24⅝ Jan 3
2,139	49,825	Pac Cement & Aggregates	5	13⅞	14¼	13¾	Sale	—	—	12¾ Dec 21	13¾ Dec 3	10 Aug 6	15¼ Jan 12
2,946	30,345	Pacific Clay Products	8	42	43	28½	Sale	—	—	26⅜ Dec 20	28½ Dec 3	22 Nov 1	42½ Jan 3
37,350	715,058	Pacific Gas & Electric— Common	10	34⅜	Sale	30	Sale	31⅝	Sale	29⅝ Dec 3	32 Dec 13	25½ May 29	36¾ Feb 20
2,931	81,355	6% 1st preferred	25	31¼	Sale	32½	Sale	—	—	32½ Dec 3	33½ Dec 12	31⅛ May 29	23½ Dec 12
381	32,003	5½% 1st preferred	25	27¾	28	29	29¼	—	—	29 Dec 4	29⅛ Dec 28	27⅝ July 27	29¾ May 10
434	6,377	5% 1st preferred	25	25½	26	26¾	27½	—	—	26¾ Dec 11	26¾ Dec 11	26¼ Feb 7	28⅛ May 28
1,100	27,095	5% red 1st preferred	25	25½	Sale	26⅝	27	—	—	26¾ Dec 24	27 Dec 26	25½ Jan 2	27⅜ Apr 19
610	14,818	5% red pfd ser A	25	25½	25¾	26⅝	27¼	—	—	26⅞ Dec 26	26⅞ Dec 26	25½ Jan 8	27¼ Apr 18
310	3,335	4.80% red 1st pfd	25	24⅜	24¾	26	26⅝	—	—	26¼ Dec 7	26¼ Dec 7	24¾ Jan 3	25¾ Feb 28
723	7,184	4.50% redeemable pfd	25	22¾	23¼	24⅝	25	—	—	24¾ Dec 27	25⅜ Dec 12	23 Jan 23	25⅜ Dec 12
125	3,884	4.36% red 1st pfd	25	22	22⅝	23½	24½	—	—	24 Dec 4	24 Dec 4	22¾ Jan 24	24¾ Nov 19
5,925	53,980	Pacific Hawaiian	1	—	—	—	—	21¾	Sale	21¼ Dec 14	22½ Dec 21	16⅝ Oct 24	24⅝ Aug 30
7,073	38,267	Pacific Industries Inc	2	9	Sale	4⅞	Sale	4⅛	Sale	4 Dec 18	4⅞ Dec 3	3¾ Oct 23	10⅜ Feb 1
9,919	117,713	Pacific Lighting Corp com	*	59⅞	Sale	57¾	Sale	60¼	Sale	57¾ Dec 3	60⅞ Dec 26	47⅝ May 29	60⅞ Dec 26
—	110	$4.75 preferred	*	96½	98¼	105¼	106½	—	—	— —	— —	98 Jan 8	102½ Apr 24
—	213	$4.75 convertible pfd	*	153½	—	149¼	—	—	—	— —	— —	145½ Aug 10	151 Mar 21
27	781	$4.50 preferred	*	90¾	92¾	99½	101¼	—	—	99¾ Dec 19	100 Dec 7	92¾ July 17	100 Dec 7
—	568	$4.36 preferred	*	87½	89¼	95	96¾	—	—	— —	— —	89 Jan 4	95 May 11
50	10,552	Pacific Northern Airlines	1	3¾	4	3⅛	3⅜	—	—	a— —	a— —	3 Oct 25	5⅜ Mar 8
2,936	40,431	Pacific Northwest Bell Telephone Co	11	34⅝	35	23⅞	Sale	—	—	23 Dec 26	24⅜ Dec 7	21 Jun 25	34¾ Jan 3
21,455	118,839	Pac Oil & Gas Devel	33⅓c	2.35	2.45	3¾	Sale	—	—	3⅝ Dec 5	4½ Dec 13	2.00 Jun 8	4½ Dec 13
5,243	61,823	Pacific Petroleums Ltd	1	14½	Sale	11¾	12	11	Sale	10¾ Dec 27	12 Dec 4	10¼ May 28	17¼ Feb 7
100	2,120	Warrants	—	9⅛	9⅞	5⅞	6¼	—	—	6 Dec 28	6 Dec 28	6 Dec 28	9⅞ Jan 17
8,747	139,902	Pacific Tel & Tel— Common	14 2/7	38¾	Sale	32¼	Sale	31⅝	Sale	31 Dec 24	34⅛ Dec 7	26⅞ May 29	39 Jan 2
5	232	6% preferred	100	—	—	—	—	—	—	a— —	a— —	146 Oct 17	158 Apr 5
7,651	69,591	Packard-Bell Electronics	50c	18	Sale	—	—	8⅞	Sale	8⅜ Dec 4	9⅞ Dec 17	7¾ Oct 24	19⅜ Jan 3
5,209	52,497	Pan Amer World Air (Un)	1	21¾	Sale	—	—	—	—	21⅛ Dec 11	22¾ Dec 4	15⅞ Oct 24	24⅝ Feb 14
2,575	35,494	Paramount Pictures (Un)	1	56¼	Sale	35	Sale	—	—	35 Dec 3	37½ Dec 5	31 Oct 24	56⅝ Mar 20
6,720	62,981	Parke Davis & Co	*	—	—	26½	Sale	24⅝	Sale	24⅛ Dec 27	26⅞ Dec 4	18¾ Oct 24	38⅜ Mar 15
1,869	11,579	Pendleton Tool Indus	1	—	—	—	—	—	—	26⅞ Dec 28	27½ Dec 21	20¼ Oct 26	25½ Dec 21
2,666	39,176	Penney (J C) Co (Un)	1	—	—	43¼	Sale	42¾	Sale	42½ Dec 28	44⅛ Dec 5	39 May 28	51¾ Jan 8
10,073	78,385	Pennsylvania RR Co (Un)	10	17⅛	Sale	13⅝	Sale	12⅝	Sale	12⅝ Dec 31	14¾ Dec 5	10½ Jun 21	19 Jan 12
763	12,012	Pepsi Cola Co (Un)	33⅓c	—	—	—	—	—	—	42¼ Dec 12	48 Dec 26	34¼ Oct 24	53¾ Mar 12
8,417	54,093	Permanente Cement Co com	1	—	—	14¼	Sale	13⅜	Sale	12¾ Dec 18	14¼ Dec 3	12⅝ July 30	19¾ Mar 14
600	7,466	5% conv preferred	50	—	—	—	—	—	—	54½ Dec 27	54½ Dec 27	51 Aug 7	59 Mar 26
3,358	65,585	Pfizer (Chas) & Co (Un)	33⅓	49⅞	Sale	—	—	47	Sale	44¾ Dec 12	47 Dec 31	34 Oct 23	57⅜ Mar 14
1,558	22,872	Phelps Dodge (Un)	12½	—	—	52¾	Sale	—	—	52½ Dec 19	55¼ Dec 27	45¼ Sep 27	62⅛ Jan 4
655	20,312	Philip Morris & Co (Un)	5	—	—	—	—	—	—	a— —	a— —	65⅞ Oct 22	105½ Jan 15
—	195	Philippine Long Dist Tel	p10	4¾	5¼	4⅛	4⅝	—	—	— —	— —	a— —	a— —
3,497	47,166	Phillips Petroleum	5	—	—	49⅞	Sale	39⅛	Sale	49 Dec 19	53⅝ Dec 7	42⅞ Jun 27	59⅞ Mar 14
1,723	37,358	Procter & Gamble (Un)	*	—	—	—	—	70⅞	Sale	70⅞ Dec 31	73½ Dec 5	58½ Jun 27	87¾ Jan 5
819	9,705	Puget Sound Pulp and Timber Co	3	21½	22½	20	20¾	—	—	20 Dec 18	20¼ Dec 4	17⅞ Oct 23	25¾ Mar 9
6,198	55,743	Pullman Inc (Un)	*	—	—	25⅜	Sale	24⅛	Sale	23½ Dec 18	25¾ Dec 5	20½ Oct 23	38⅜ Jan 9
3,397	36,822	Pure Oil Co (Un)	5	—	—	—	—	37¾	Sale	35¼ Dec 6	38 Dec 26	29⅜ Jun 27	38 Dec 26
9,404	111,627	Radio Corp of Amer (Un)	*	53¾	Sale	56¾	Sale	57⅛	Sale	55⅝ Dec 14	59⅞ Dec 5	38⅝ Jun 27	63¾ Mar 13
3,648	84,372	Rayonier Inc	1	—	—	22	Sale	—	—	20½ Dec 11	22¼ Dec 20	16¼ May 29	24⅛ Apr 18
8,007	74,204	Raytheon Co (Un)	5	—	—	31⅜	Sale	28⅛	Sale	27⅜ Dec 24	32¾ Dec 5	25 May 29	40⅞ Feb 16
4,095	36,182	Reeves Soundcraft Corp	5c	6⅛	6½	3⅜	Sale	3	Sale	3 Dec 31	4¼ Dec 7	2⅞ Nov 1	7⅛ Jan 4
2,592	42,469	Republic Aviation Corp	50c	20⅞	Sale	—	—	15⅞	Sale	15⅞ Dec 28	17¼ Dec 5	12¾ May 28	24 Jan 30
6,701	59,617	Republic Corp (Un)	50c	12¼	Sale	7⅜	Sale	6⅝	Sale	6½ Dec 31	7½ Dec 3	6½ Dec 31	12½ Jan 4
13,580	123,758	Repub Steel Corp (Un)	10	—	—	—	—	34½	Sale	34⅛ Dec 17	37½ Dec 4	28¼ Oct 24	59¼ Mar 29
59,178	636,290	Reserve Oil & Gas Co	1	14⅜	Sale	9	Sale	8⅛	Sale	7½ Dec 18	9¼ Dec 3	7¼ Oct 24	19 Jan 15
4,073	53,499	Revlon Inc	1	—	—	—	—	—	—	40½ Dec 28	44⅝ Dec 4	31½ Oct 24	66⅜ Mar 12
4,848	51,869	Rexall Drug & Chem	2.50	—	—	—	—	32¾	Sale	28½ Dec 12	32¾ Dec 31	20¼ Oct 26	50⅞ Feb 8
8,334	66,811	Reynolds Metals (Un)	*	—	—	25	Sale	23⅝	Sale	22⅝ Dec 18	25⅜ Dec 3	21¼ Jun 25	40¾ Jan 4
12,993	141,474	Reynolds Tobacco (Un)	5	—	—	41¾	Sale	41⅝	Sale	40 Dec 10	42½ Dec 4	34⅞ Oct 23	79⅞ Feb 15
6,709	41,856	Rheem Manufacturing Co	1	13½	Sale	—	—	10⅛	Sale	10 Dec 26	11¼ Dec 10	9¼ Jun 26	15¾ Feb 14
12,059	83,628	Rhodes Western	25c	17¾	Sale	19	Sale	19	Sale	19 Dec 3	19½ Dec 5	16¼ Jun 26	22 Mar 6
97,730	171,560	Rice Ranch Oil Co	1	1.75	Sale	2.70	Sale	2.80	Sale	2.50 Dec 3	3⅝ Dec 14	1.75 Jan 2	3⅝ Dec 14
5,999	58,223	Richfield Oil Corp	*	—	—	40¼	Sale	—	—	39½ Dec 10	41 Dec 14	33 Jun 27	43⅞ Feb 21
790	6,308	Rockwell Stand Corp (Un)	5	—	—	—	—	—	—	33 Dec 11	33 Dec 11	29½ Jun 25	37⅜ Mar 13
4,687	44,655	Rohr Aircraft Corp	1	34⅜	Sale	18¼	Sale	16⅝	Sale	16⅝ Dec 31	18⅜ Dec 4	15⅜ May 29	24⅛ Jan 31
17,065	157,263	Royal Dutch Pet (Un)	20g	22½	Sale	41⅛	Sale	43½	Sale	41⅛ Dec 3	43⅞ Dec 27	33⅛ Jan 10	43⅞ Dec 27
5,367	61,530	Ryan Aeronautical Co	*	25½	26	18⅛	Sale	16¾	Sale	16⅝ Dec 28	18¼ Dec 7	15⅛ Oct 26	26¼ Jan 22
3,714	39,296	Ryder System, Inc	2.50	—	—	10	Sale	8⅞	Sale	8¾ Dec 18	10 Dec 3	7⅜ Oct 25	18½ Feb 12
2,662	64,760	SCM Corporation	5	23⅞	Sale	—	—	13⅜	Sale	13½ Dec 18	15⅛ Dec 5	10¾ Oct 26	28⅜ Apr 23
19,016	121,466	Safeway Stores Inc	1.66⅔	—	—	43½	Sale	46⅛	Sale	42⅛ Dec 3	46⅛ Dec 31	36¾ Oct 24	54¾ Jan 3
502	7,522	St Joseph Lead (Un)	10	—	—	—	—	—	—	24⅜ Dec 20	24⅜ Dec 20	24⅜ Dec 20	34½ Jan 16
599	21,892	St Louis-San Fran Ry (Un)	*	—	—	—	—	—	—	18¾ Dec 10	18⅞ Dec 27	14 Jun 27	20¾ Mar 6
1,900	30,961	St Regis Paper Co (Un)	5	—	—	—	—	—	—	26½ Dec 28	27½ Dec 5	22¾ Oct 23	38½ Mar 9
3,747	55,251	San Diego Gas & Electric	10	—	—	—	—	—	—	35¼ Dec 5	36⅛ Dec 21	32¼ Oct 23	39 Apr 2
320	2,601	5.60% preferred	20	21¾	22½	—	—	—	—	a— —	a— —	21⅝ Oct 1	23 Apr 25
874	3,817	5% preferred	20	20	20¾	—	—	—	—	21½ Dec 21	21½ Dec 21	20¾ Jun 4	21½ Nov 20
158	497	4½% preferred	20	18	18¾	—	—	—	—	19½ Dec 19	19½ Dec 19	19½ Nov 21	19½ Nov 21
50	2,575	4.40% preferred	20	17¾	18½	—	—	—	—	a— —	a— —	18⅛ Jan 3	19 Apr 10
16,148	305,245	San Diego Imperial Corp	1	15⅜	Sale	—	—	10	Sale	10 Dec 21	11¼ Dec 7	8⅛ May 29	16¼ Jan 2
12,956	83,977	Schenley Indus (Un)	1.40	—	—	19¾	Sale	18½	Sale	18½ Dec 20	20⅛ Dec 4	15⅞ Oct 24	26¼ Jan 25
2,294	14,828	Schering Corp (Un)	1	—	—	—	—	—	—	38⅜ Dec 24	40⅞ Dec 6	31⅛ Oct 4	58¾ Feb 14
5,035	50,843	Scott Paper	*	42⅝	Sale	—	—	31¼	Sale	31 Dec 10	32 Dec 6	25¼ Oct 25	42⅝ Jan 2
18,789	284,686	Seaboard Finance Co	1	23	Sale	16⅞	Sale	17	Sale	16⅝ Dec 7	17¼ Dec 5	11⅞ July 30	23½ Jan 4
9,943	93,316	Sears Roebuck & Co	3	86¾	Sale	74¾	Sale	—	—	74½ Dec 4	77½ Dec 21	59¼ Jun 25	87⅛ Jan 2
2,677	31,933	Servel Inc (Un)	1	—	—	10	Sale	9	Sale	8¾ Dec 19	10 Dec 3	7⅛ Oct 29	14⅛ Jan 4
425	6,762	Servomechanisms Inc	20c	8¾	Sale	—	—	—	—	4¼ Dec 27	4¼ Dec 27	3⅞ Oct 8	10 Jan 4
400	3,300	Sharon Steel Corp (Un)	*	—	—	—	—	18½	Sale	18½ Dec 31	20 Dec 12	15½ Jun 26	28¼ Feb 15
10,543	52,381	Shell Oil Co	1	39⅝	Sale	33⅛	Sale	38⅛	Sale	33 Dec 5	38⅜ Dec 28	29 Oct 23	40¼ Mar 19
200	14,285	Shell Transport & Trading Co Ltd (Un)	£1	—	—	—	—	—	—	a— —	a— —	16 Jan 10	21⅜ Nov 9
45,699	548,862	Signal Oil & Gas cl A	2	23	Sale	25⅞	Sale	26⅜	Sale	24⅝ Dec 11	29 Dec 14	19⅜ May 29	30⅞ Feb 8
508	5,349	Class B	2	—	—	—	—	—	—	28¼ Dec 17	28¼ Dec 17	25 Jan 10	29 Mar 28
28	1,892	Simca Automobiles	f 100	—	—	—	—	—	—	a— —	a— —	44½ Nov 16	47½ July 9
11,223	126,062	Sinclair Oil Corp	5	37¾	Sale	—	—	36¼	Sale	33⅝ Dec 18	36¼ Dec 27	28⅞ Oct 24	40 Feb 5
		Smith-Corona Marchant	5										
		Name changed to SCM Corp											
16,217	128,937	Socony Mobil Oil (Un)	15	51½	Sale	56⅜	Sale	—	—	56 Dec 3	59½ Dec 27	45 May 29	59½ Dec 27
135	3,401	Southeastn Pub Ser Co	10c	—	—	—	—	—	—	a— —	a— —	17¼ Jun 25	21¾ Mar 12
36,345	469,110	So Calif Edison— Common	8⅓	31⅝	Sale	28¾	Sale	30¾	Sale	28⅝ Dec 3	31¼ Dec 14	23 Jun 27	31⅞ Apr 3
—	2,693	¶Original preferred	8⅓	—	—	—	—	—	—	— —	— —	23 Jun 22	30 Feb 1
174	9,207	4.78% preferred	25	23	23½	26¼	26¾	26⅛	26⅞	26⅜ Dec 5	26⅜ Dec 5	25 Aug 8	27 Apr 17
5	450	4.56% series	25	—	—	—	—	—	—	a— —	a— —	87½ Apr 18	87½ Apr 18
128	2,985	4.48% conv pfd	25	83¼	Sale	—	—	—	—	a— —	a— —	68½ July 26	83¼ Jan 2
1,146	31,527	4.32% preferred	25	22	22½	23¾	24¼	23¾	24¼	24 Dec 4	24¼ Dec 7	22 Jan 5	24⅜ Nov 19
172	4,436	4.24% preferred	25	21⅞	22½	23⅛	23⅝	23¼	23¾	23⅝ Dec 7	23⅝ Dec 7	22 Jan 3	28⅝ Dec 7
—	781	4.08% preferred	25	20¾	21¾	22½	23½	22¼	23¼	— —	— —	21¼ Jan 9	22½ Nov 5
2,808	44,031	Southern Calif Gas Co— 6% series A preferred	25	30	30½	31½	32	32	Sale	31⅝ Dec 24	32¾ Dec 13	30 Jan 8	32¾ May 11
395	6,610	6% preferred	25	30	30½	31½	32	31½	32¼	32 Dec 5	32¾ Dec 6	30¼ Jan 8	32¾ Dec 6
2,053	64,746	Southern Calif Petroleum	2	17½	Sale	17¾	18	18	Sale	17¼ Dec 13	18¼ Dec 20	15¼ May 29	24 Feb 6
1,054	41,135	Southern Co (Un)	5	55½	Sale	—	—	51⅜	Sale	49¾ Dec 6	51⅜ Dec 21	39¼ Jan 26	56⅞ Jan 17

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

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Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	Pacific Coast Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
478	10,465	Southern Natural Gas	7.50	—	—	—	—	—	—	a— —	a— —	40⅜ May 29	49⅞ Mar 21
22,285	311,418	Southern Pacific Co	*	27½	Sale	28¾	Sale	29⅜	Sale	28 Dec 10	30 Dec 5	21⅝ May 29	30¼ Feb 5
1,803	26,501	Southern Ry Co (Un)	*	—	—	—	—	—	—	53⅞ Dec 10	56 Dec 4	44¼ Jun 25	57¼ Mar 29
350	9,418	Southwestern Public Serv	1	—	—	—	—	—	—	33½ Dec 18	33½ Dec 18	24 May 29	34¾ Apr 25
44,931	345,916	Sperry-Rand Corp (Un)	50c	—	—	13¾	Sale	13½	Sale	12 Dec 18	14 Dec 3	10⅝ Oct 22	24⅛ Feb 8
2,990	32,270	Warrants (Un)		13⅜	Sale	7¾	Sale	7⅜	Sale	7 Dec 13	7⅞ Dec 5	5½ Oct 19	13⅞ Feb 8
6,271	31,993	Spiegel Inc	*	37	Sale	26¼	Sale	25	Sale	23⅞ Dec 19	27⅛ Dec 5	20¼ Jun 25	38¼ Mar 1
673	9,242	Standard Brands (Un)	*	—	—	—	—	—	—	64¾ Dec 5	65⅝ Dec 11	56 July 18	73½ Feb 7
192	4,974	Standard Financial	1	—	—	—	—	14⅛	Sale	14⅛ Dec 31	14⅛ Dec 31	13½ Jun 19	16¼ Nov 20
3,201	19,149	Standard Metals Corp	3c	4¾	5	4	4¼	4	Sale	4 Dec 5	4 Dec 5	3½ May 29	5⅛ Jan 18
52,313	479,317	Standard Oil of Calif	6¼	55⅜	Sale	64	Sale	62⅞	Sale	60⅜ Dec 19	65½ Dec 5	50 May 29	65½ Dec 5
468	2,368	$3.30 conv pfd	*	—	—	—	—	—	—	94 Dec 13	95¾ Dec 21	89¼ May 3	95¾ Dec 21
4,602	45,711	Standard Oil Co (Ind)	25	54½	Sale	—	—	—	—	47¼ Dec 18	48⅝ Dec 6	40 Oct 26	57⅜ Feb 19
43,374	413,314	Stand Oil Co (N J) (Un)	7	50½	Sale	56⅛	Sale	59⅝	Sale	56 Dec 3	59¾ Dec 26	45½ May 29	59¾ Dec 26
1.186	11,339	Stand Oil Co (Ohio) (Un)	10	—	—	—	—	53	Sale	52¼ Dec 17	53¾ Dec 27	50 Sep 11	59¾ Feb 8
4,115	44,606	Stanley Warner Corp (Un)	5	—	—	22⅝	Sale	21⅛	Sale	20½ Dec 17	22⅝ Dec 3	19 Oct 25	39½ Jan 4
674	7,460	Statham Instruments Inc	1	18	Sale	—	—	8⅜	Sale	8¼ Dec 28	10 Dec 4	7⅞ Jun 19	18 Jan 2
9.924	67,516	Stauffer Chemical	5	—	—	34	Sale	35½	Sale	33⅛ Dec 11	36⅜ Dec 26	26¾ Oct 23	47½ Jan 24
914	43,075	Sterling Drug Inc (Un)	5	—	—	—	—	—	—	67⅝ Dec 4	75½ Dec 21	55½ Jun 18	88⅜ Apr 6
917	15,553	Stone & Webster Inc (Un)	1	—	—	—	—	—	—	50 Dec 20	50⅞ Dec 11	46½ Oct 25	67¼ Apr 10
34,154	303,712	Studebaker Corp (Un)	1	10¼	Sale	6¾	Sale	6	Sale	6 Dec 28	6¾ Dec 3	5⅞ Jun 22	10⅝ Feb 13
3.747	47,954	Suburban Gas (Cal)	1	—	—	18½	Sale	17½	Sale	17 Dec 28	19¼ Dec 5	15 Jun 25	29½ Jan 4
243	13,216	Suburban Propane Gas	1	—	—	—	—	—	—	25⅛ Dec 5	25⅛ Dec 5	22⅛ Jun 25	28 Feb 26
32,234	104,083	Sunray Mid-Cont Oil	1	—	—	23⅜	Sale	26	Sale	23⅜ Dec 3	26 Dec 31	21⅜ Oct 24	28⅝ Feb 12
4,514	119,128	Sunset Interna'l Petroleum	1	7½	Sale	6⅝	6⅞	6⅜	Sale	6¼ Dec 31	7 Dec 4	5¼ Jun 25	8⅞ Mar 14
90	782	Superior Oil Co (Calif)	25	—	—	—	—	—	—	a— —	a— —	835 Sep 26	1365 Feb 23
2,247	23,855	Swift & Co (Un)	25	—	—	—	—	—	—	37 Dec 7	40 Dec 27	32 Oct 23	49⅛ Feb 20
817	29,018	TelAutograph Corp	1	—	—	—	—	5⅝	Sale	5½ Dec 28	6⅝ Dec 5	5 Oct 24	16⅛ Feb 14
75,824	604,155	Tenn Gas Transmission	5	23⅞	Sale	17¼	Sale	18	Sale	16½ Dec 17	18 Dec 31	15⅜ Oct 31	25¼ Mar 5
64,745	86,065	Terex Corporation com	10c	—	—	74c	Sale	3	Sale	71c Dec 5	3.00 Dec 31	60c Nov 29	3.00 Dec 31
7.748	117.778	Texaco Inc (Un)	12½	57	Sale	57⅝	Sale	61⅝	Sale	57⅛ Dec 3	61¾ Dec 26	45 Jun 25	61¾ Dec 26
8.548	120,947	Texas Eastern Trans	3.50	17⅛	Sale	15⅝	Sale	16⅜	Sale	15½ Dec 19	16⅜ Dec 31	14¼ May 29	18¾ Mar 15
634	11,059	Texas Gas Transmission	5	—	—	—	—	—	—	40⅛ Dec 6	40¾ Dec 11	38 July 19	45 Apr 23
16,127	170,796	Texas Gulf Sulphur (Un)	*	—	—	—	—	14⅛	Sale	13⅜ Dec 4	15¼ Dec 13	11¼ Oct 22	23⅜ Jan 15
5,734	55,097	Textron Inc common	50c	26⅜	Sale	26⅜	Sale	30	Sale	26⅜ Dec 3	32 Dec 21	23½ Oct 25	32 Dec 21
370	7,720	Warrants		—	—	10	10¾	13¼	14	12 Dec 13	12⅜ Dec 7	8¾ Oct 23	15⅛ Mar 12
350	2,835	$1.25 conv preferred	*	—	—	—	—	—	—	31¼ Dec 14	32 Dec 21	27½ Jun 18	32 Dec 21
7.861	81,846	Thiokol Chemical (Un)	1	38¾	Sale	29⅞	Sale	28	Sale	28 Dec 31	32 Dec 5	18⅝ Jun 27	44 Jan 22
1,359	12,991	Thompson Ramo Wooldridge	5	—	—	—	—	—	—	53⅞ Dec 27	60 Dec 4	48½ Sep 25	64⅜ Feb 15
2,365	33,549	Thriftimart Inc	1	—	—	23	23½	—	—	21⅜ Dec 20	22⅞ Dec 7	20½ Nov 1	37¾ Feb 5
17,933	131,536	Tidewater Oil Co com	10	—	—	19¼	Sale	—	—	19¼ Dec 3	22⅛ Dec 26	15½ Oct 24	23⅛ Feb 16
436	30,626	$1.20 preferred	25	—	—	—	—	—	—	24⅞ Dec 10	25 Dec 4	23¾ Jan 19	25 Dec 4
175	3,517	Tishman Realty & Const'n	1	—	—	—	—	18⅛	Sale	18⅛ Dec 31	18⅛ Dec 31	16½ Jun 22	25¼ Mar 28
2,244	16,506	Trans World Airlines Inc	5	12½	Sale	—	—	—	—	11 Dec 14	11¾ Dec 4	8 Jun 15	13⅜ Jan 5
15.728	58,135	Trans World Financial	1	—	—	—	—	17½	Sale	16¾ Dec 24	18¼ Dec 11	13⅜ Oct 19	34¼ Apr 23
11,603	129,500	Transamerica Corp com	2	47	Sale	43½	Sale	45	Sale	43¼ Dec 4	47⅞ Dec 20	29⅛ Jun 27	48 Jan 2
702	4,230	4½% conv preferred	100	—	—	—	—	—	—	131 Dec 10	135½ Dec 21	114¼ Jun 18	139 Apr 24
15.937	280,908	Trico Oil & Gas	50c	3⅞	Sale	2.65	2.70	2.50	Sale	2.35 Dec 28	2.65 Dec 4	2.35 Dec 28	5 Mar 20
3.686	26,576	Tri-Continental Corp (Un)	1	—	—	—	—	42⅝	Sale	40⅞ Dec 11	43⅛ Dec 31	34¾ Oct 23	50¾ Feb 6
591	6,957	Warrants (Un)		—	—	—	—	33	Sale	32¼ Dec 4	33 Dec 31	25 Oct 24	42 Feb 19
1.949	21,217	Twentieth Century-Fox Film Corp (Un)	1	—	—	—	—	20¼	Sale	19¾ Dec 14	20¾ Dec 6	16¾ Oct 24	37¾ Jan 16
2,337	20,357	Unilever NV "N Y shares"	*	—	—	38¼	Sale	—	—	37⅝ Dec 19	38¼ Dec 3	32¼ Oct 22	50⅝ Apr 11
1,325	10,897	Unilever Ltd "Adrs"	*	—	—	—	—	21¾	Sale	20⅞ Dec 4	21¾ Dec 31	18 May 29	23½ Apr 24
3,235	60,466	Union Carbide Corp	*	—	—	—	—	100¾	Sale	100¾ Dec 31	104½ Dec 10	83¼ Jun 27	120½ Jan 4
299	7,995	Union Elec of Mo (Un)	10	—	—	—	—	—	—	48¾ Dec 12	48¾ Dec 12	41⅛ Oct 24	50⅜ Apr 4
9,640	93,215	Union Oil Co of Calif	25	—	—	61½	Sale	63½	Sale	61½ Dec 3	63½ Dec 31	45⅝ Oct 24	68½ Jan 4
8,022	95,559	Union Pac Ry Co (Un)	10	34	Sale	34¼	Sale	33⅝	Sale	32⅞ Dec 12	34⅞ Dec 4	27⅝ May 29	35 Nov 28
2,295	154,911	Union Sugar Co	5	17½	Sale	22¾	23	—	—	23 Dec 10	23½ Dec 4	16 Feb 26	25½ Apr 27
5,411	71,150	United Air Lines Inc	10	—	—	—	—	—	—	32 Dec 18	34⅜ Dec 6	21⅝ Jun 27	38½ Jan 16
3,108	56,014	United Aircraft Corp (Un)	5	—	—	—	—	—	—	50 Dec 17	54¾ Dec 5	39 Jun 25	54¾ Dec 5
5,474	28,345	United Canso Oil & Gas	1	1½	1¾	1	1⅛	—	—	1⅛ Dec 5	1¼ Dec 10	1⅛ Nov 28	2 Jan 10
995	2,300	United Corp (Del) (Un)	1	—	—	—	—	—	—	8 Dec 5	8⅛ Dec 28	7⅛ Jun 13	8⅝ Feb 21
12,735	110,105	United Financial Corp of California	*	55	Sale	21⅛	Sale	21⅜	Sale	20¾ Dec 21	23¼ Dec 7	18⅝ Oct 24	56 Mar 2
3,127	48,753	United Fruit Co (Un)	*	—	—	—	—	21½	Sale	21⅛ Dec 3	22⅛ Dec 27	17⅜ Oct 24	30 Feb 2
2,068	76,108	United Gas Corp (Un)	10	38½	Sale	—	—	—	—	33¼ Dec 19	36½ Dec 28	32½ Nov 7	38½ Jan 2
43,270	316,067	United Industrial Corp com	1	3⅜	Sale	5	Sale	5¼	Sale	4⅞ Dec 3	5⅞ Dec 17	3 Jan 2	5⅞ Dec 7
6,773	68,041	Series A conv pfd	8.50	4⅜	Sale	5⅞	6	6	Sale	5⅞ Dec 6	6 Dec 5	3⅞ July 3	6 Nov 19
13,817	151,854	Warrants		⅞	Sale	86c	Sale	83c	Sale	83c Dec 31	95c Dec 5	⅜ Nov 1	1 Jan 2
950	5,796	United Park City Mines Co (Un)	1	—	—	—	—	—	—	1 1/16 Dec 19	1 Dec 10	⅞ Jun 15	1¼ Jan 8
1,605	31,646	U S Industries Inc com	1	—	—	14¾	Sale	—	—	13¼ Dec 28	15¼ Dec 4	11¾ Oct 25	24¼ Mar 2
----	144	4½% pfd series A	50	—	—	—	—	—	—	— —	— —	a— —	a— —
727	36,823	U. S. Natural Gas Corp	1	—	—	6⅞	Sale	—	—	6⅝ Dec 20	7⅛ Dec 5	3 May 29	7¼ Nov 21
386	50,524	U S Plywood Corp	1	—	—	—	—	—	—	47½ Dec 11	47½ Dec 11	39⅞ July 25	52¾ Mar 21
6,237	30,350	U S Rubber Co (Un)	5	—	—	41⅛	Sale	—	—	40⅛ Dec 24	42⅞ Dec 5	36¼ Oct 22	60½ Feb 12
758	7,863	U S Smelting & Refining & Mining Co (Un)	50	—	—	—	—	—	—	41 Dec 12	49⅝ Dec 28	27¼ July 31	49⅝ Dec 28
37,150	443,827	U S Steel Corp	16⅔	78⅛	Sale	46⅝	Sale	43⅝	Sale	43¼ Dec 18	47⅝ Dec 4	38 Oct 19	78⅛ Jan 2
5,125	69,525	Universal Match	2.50	—	—	—	—	13¾	Sale	13¾ Dec 31	16⅛ Dec 5	11 Oct 24	30¾ Jan 3
4.805	31,084	Universal Oil Prods (Un)	1	—	—	—	—	40⅛	Sale	37¼ Dec 4	40⅝ Dec 7	30 Oct 24	61 Mar 15
3,041	21,507	Upjohn Company (Un)	1	—	—	33⅜	Sale	32⅝	Sale	32⅝ Dec 31	35⅝ Dec 7	29 Nov 1	54¼ Jan 4
183	1,678	Utah-Idaho Sugar Co (Un)	5	10⅝	11⅛	8	8½	9	9½	8½ Dec 4	8½ Dec 4	8 Jun 13	11 Jan 18
762	6,883	Vanadium Corp of Am (Un)	1	—	—	—	—	12¾	Sale	12¾ Dec 31	14½ Dec 4	12¾ Dec 31	27¼ Jan 16
10.980	145,666	Varian Associates	1	44¾	Sale	—	—	33¼	Sale	32⅝ Dec 28	37 Dec 5	22½ Jun 22	45⅝ Feb 19
1.893	60,470	Victor Comptometer Corp	1	15⅞	Sale	—	—	—	—	8⅝ Dec 18	10 Dec 5	8⅝ Dec 18	17⅜ Jan 8
39,765	16,330	Victor Equipment Co	1	37	Sale	23¼	25	27	Sale	23¼ Dec 5	27½ Dec 17	23 Jun 15	37 Jan 2
267	1,601	Virginia-Carolina Chemical	*	—	—	—	—	—	—	40 Dec 28	40 Dec 28	35½ July 13	40 Dec 28
3,723	67,259	Vons Grocery Co	1	—	—	20½	Sale	—	—	20½ Dec 3	22¼ Dec 24	16¾ Jun 25	25 Feb 16
2.438	51,487	‡Warner Bros Pict (Un)	1.25	—	—	—	—	14⅛	Sale	13⅞ Dec 7	14⅝ Dec 14	10¾ Oct 24	19⅛ Mar 13
1,779	19,580	Washington Water Power	*	50¼	51	46	Sale	47	Sale	46 Dec 3	47⅝ Dec 10	40 Jun 25	50⅝ Mar 22
264.865	2,472,943	Westates Petrol common	1	4¼	Sale	6⅛	Sale	4¾	Sale	4½ Dec 28	7 Dec 5	4 Jan 3	7¾ Mar 14
370	20,752	5% preferred	10	6½	6⅞	6¾	7¼	—	—	6¾ Dec 20	7 Dec 7	6¼ Jan 5	7¾ Jan 10
206	396	West Kentucky Coal Co	4	—	—	—	—	—	—	a— —	a— —	a— —	a— —
4.495	58,592	Western Air Lines	1	—	—	—	—	21¾	Sale	30¾ Dec 4	32 Dec 4	20 May 28	32 Dec 4
11,490	150,361	Western Bancorporation	2	—	—	—	—	33	Sale	31¼ Dec 4	34¼ Dec 24	22⅝ Oct 24	38 Feb 1
374	7,136	Western Pacific RR Co	1	—	—	27¼	Sale	—	—	27¼ Dec 3	27½ Dec 14	19¼ Jun 26	27½ Jan 15
4.648	35,132	Western Union Tel (Un)	2½	—	—	—	—	26⅝	Sale	25⅝ Dec 21	27¾ Dec 5	22 Oct 23	40⅝ Jan 9
1.879	19,834	Westinghouse Air Brake Company (Un)	10	—	—	—	—	25¼	Sale	25¼ Dec 14	25⅞ Dec 5	22¼ Oct 23	30⅛ Mar 12
21,085	218,894	Westinghouse Electric	6.25	38¼	Sale	31¾	Sale	32¼	Sale	31⅛ Dec 14	33 Dec 5	25 Oct 22	38¼ Jan 2
692	85,797	Wheeling Steel Corp (Un)	10	—	—	—	—	—	—	27⅛ Dec 27	27½ Dec 26	25⅛ Sep 10	41½ Jan 11
39.200	142,477	Williston Basin Oil Exploration (Un)	10c	.13	Sale	95c	Sale	90c	Sale	81c Dec 19	1.10 Dec 3	70c Oct 25	1.25 Nov 7
1,360	8,615	Wilson & Co Inc (Un)	*	—	—	—	—	—	—	37 Dec 14	40 Dec 4	36 Jun 22	55 Feb 7
1.700	19.523	Woolworth (F W) (Un)	10	91¼	Sale	—	—	—	—	63⅝ Dec 18	67½ Dec 5	56 Oct 26	91¼ Jan 2
880	15.407	Worthington Corp (Un)	10	—	—	—	—	26¼	Sale	26¼ Dec 31	28⅝ Dec 5	24½ Nov 5	55½ Mar 14
493	14,921	Youngstown Sheet & Tube Company (Un)	*	—	—	—	—	—	—	a— —	a— —	71⅛ Oct 16	104⅝ Mar 26
10,073	140,501	Zenith Radio (Un)	1	71½	Sale	53⅞	Sale	55	Sale	52½ Dec 11	56¼ Dec 5	43¾ Oct 24	75½ Mar 15
$	$	**BONDS**											
----	3,000	Gulf Amer Land 6½% '77		—	—	—	—	—	—	— —	— —	88 Oct 16	100 Sep 26
----	2,000	Hartfield Stores Inc— 5½s debentures 1981		—	—	—	—	—	—	— —	— —	103 Jan 23	104½ Jan 23
----	1,000	Occidental Petrol 6½s 1976		—	—	—	—	—	—	— —	— —	282 Mar 14	282 Mar 14
----	2,000	Southern Pacific Co— 4½% 1969		—	—	—	—	—	—	— —	— —	102 Jun 5	102 Jun 5

*No par value. ‡This issue was either split or a stock dividend was paid during year 1962. 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 1962, the details of the basis of exchange can be found in the footnote on page 29 or 96 of this record. a Odd-lot sales. r Cash sales. (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

	1962	1961		1962	1961
Stock Sales—December (Shares)	441,969	512,235	Stock Sales—Jan. 1 to Dec. 31 (Shares)	5,253,137	6,272,085

Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	Boston Stock Exchange STOCKS	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
		LISTED ISSUES											
289	4,377	American Agric Chemical	*	27⅝	28⅛	26½	Sale	23½	Sale	23½ Dec 31	26½ Dec 3	20⅜ Jun 22	30⅞ Mar 5
2,773	48,525	American Motors	1.66⅔	17⅛	Sale	16⅜	Sale	16¼	Sale	16 Dec 28	17⅜ Dec 6	12⅜ May 29	18⅜ Sep 18
90	654	American Sugar Refining	25	--	--	37	37¾	--	--	36⅜ Dec 12	37⅛ Dec 13	36⅛ Oct 24	38⅛ Aug 31
13,559	233,400	American Tel & Tel	33⅓	136½	Sale	114⅜	Sale	116¼	Sale	113 Dec 3	119⅛ Dec 10	98 May 29	136½ Jan 2
1,378	19,856	Anaconda Co	50	49½	Sale	41⅜	Sale	40⅛	Sale	40⅛ Dec 31	42¼ Dec 6	35¾ Oct 22	52½ Jan 4
----	3	Boston & Albany RR	100	--	--	--	--	--	--	-- ------	-- ------	142 Oct 10	142 Oct 10
6,467	30,657	Boston Edison Co	10	--	--	33⅞	Sale	35⅞	Sale	33⅜ Dec 3	36⅞ Dec 21	29¼ May 29	36⅞ Dec 21
25	13,753	Boston Garden-Arena	*	5	5½	4¾	5½	5	5½	5½ Dec 12	5½ Dec 18	4⅝ Jan 15	5½ Apr 19
297	6,465	Boston Personal Prop Tr	*	74¼	77	57¾	42	58	Sale	55½ Dec 12	58½ Dec 10	50¼ Jun 28	76¾ Jan 5
480	802	Boston & Providence RR	100	35	50	36	40	36	Sale	35 Dec 31	37 Dec 28	35 Apr 17	55 Jan 15
585	3,151	Calumet & Hecla	5	15⅞	Sale	12⅜	Sale	11⅛	Sale	11⅛ Dec 28	12⅜ Dec 3	10⅛ Sep 20	17⅜ Feb 9
1,064	10,290	Cities Service Co	10	55½	Sale	52⅛	Sale	56⅝	57⅛	51½ Dec 4	57½ Dec 27	45 Oct 23	58¾ Feb 19
236	4,790	Copper Range Co	5	17¼	17¾	16⅝	Sale	16⅛	16⅝	15⅝ Dec 20	16⅝ Dec 3	13 Oct 2	22¾ Mar 7
182	7,426	Eastern Gas & Fuel Assoc— Common	10	49⅞	50⅜	42¾	43¼	46½	47	45 Dec 19	46 Dec 27	33¾ May 29	55 Feb 16
----	182	4½% preferred	100	86	87	--	--	--	--	-- ------	-- ------	84½ Jun 21	90½ Mar 21
220	4,629	Eastern Massachusetts Street Ry— Common	100	1	1⅛	1	1¼	⅞	1⅛	75c Dec 20	1.00 Dec 20	¾ Jan 17	1½ Apr 25
290	2,191	6% 1st pfd series A	100	36	42	--	38½	35½	40	34 Dec 21	36 Dec 28	34 Dec 21	48 Feb 15
65	2,232	6% preferred B	100	23½	27	20	22	18	22	20 Dec 21	20 Dec 21	20 Dec 21	40 Apr 17
761	9,740	5% pfd adjustment	100	14	14½	10½	12	10¼	12	9¾ Dec 11	11 Dec 27	9¾ Dec 11	24 Feb 8
2,482	21,482	First National Stores	*	72¼	Sale	48¼	Sale	50¾	Sale	46¾ Dec 18	50¾ Dec 31	43¾ Oct 26	72¾ Jan 4
4,096	67,691	Ford Motor Co	2.50	--	--	45⅛	Sale	46⅜	Sale	44½ Dec 18	47¼ Dec 26	36¼ Jun 27	47¼ Dec 26
5,968	73,637	General Electric Co	5	75	Sale	74⅜	Sale	77	Sale	73⅞ Dec 3	77¼ Dec 27	54⅜ Jun 25	78¾ Mar 12
9,675	84,328	Gillette Company	1	54⅛	Sale	33⅛	Sale	31¼	31¾	30 Dec 19	33⅛ Dec 3	28¼ Oct 24	55⅛ Jan 2
701	7,103	Island Creek Coal Co	50c	32⅞	Sale	20¼	20¾	19⅛	19⅝	19⅜ Dec 27	22 Dec 12	18 Oct 30	32⅞ Jan 2
2,190	22,403	Kennecott Copper	*	84⅝	Sale	67¾	Sale	65	65½	64⅞ Dec 21	68⅛ Dec 6	59⅜ Oct 22	85⅝ Jan 4
6	1,227	Loew's Boston Theatre	25	15¼	16	14⅞	--	14⅞	--	14¾ Dec 14	14¾ Dec 14	14 Jun 27	16 Jan 26
3,472	14,148	Lone Star Cement Corp	10	22⅝	23⅛	19½	19¾	18	18⅜	18 Dec 31	19¼ Dec 6	15½ Oct 24	24⅛ Feb 6
10	29	Maine Cent RR 5% pfd	100	102½	109½	92	--	94	--	93 Dec 18	93 Dec 18	93 Dec 18	100 Jun 13
1,715	11,794	Narragansett Rac'g Assn	1	11⅛	11¾	10⅞	Sale	9	9¾	9⅛ Dec 28	11⅛ Dec 5	9⅛ Dec 28	15 Apr 2
4,536	81,871	New England Elec System	1	25⅞	Sale	23⅞	Sale	24⅝	24⅞	23⅛ Dec 13	25 Dec 31	19⅛ May 29	26¾ Apr 4
2,072	35,686	New England Tel & Tel	20	50⅜	Sale	45⅛	Sale	43⅜	43⅞	43 Dec 26	45⅛ Dec 3	36⅜ May 29	51½ Jan 12
50	549	New York New Haven & Hartford RR	*	1⅞	2⅛	1¼	1½	1⅛	1⅜	1⅛ Dec 14	1⅛ Dec 14	1⅛ Dec 14	1⅞ Jan 29
101	1,880	Northern RR (N H)	100	70	Sale	66	74	66	69	66 Dec 6	69 Dec 5	65 Oct 18	73½ Mar 16
1,106	8,366	Olin-Mathieson Chemical	6	39¾	Sale	33	Sale	30⅞	Sale	30⅜ Dec 24	33 Dec 5	26⅛ Jun 27	41 Jan 3
1,441	14,110	Pennsylvania RR	50	16½	17	13½	Sale	12⅞	Sale	12¾ Dec 31	14¾ Dec 5	10⅜ Oct 19	18⅞ Feb 5
71	1,378	Quincy Mining Co	25	31	35½	25	27	26	Sale	23½ Dec 21	26 Dec 31	23¼ Nov 9	35 Jan 9
50	1,795	Reece Folding Machine	2	2	4	2	3	2¼	3	2½ Dec 13	2½ Dec 13	1⅜ Mar 27	2½ Dec 13
638	5,274	Rexall Drug & Chemical Company	2.50	53	Sale	28¾	29¼	32½	33	27⅞ Dec 11	33 Dec 27	21⅛ Oct 22	53 Jan 2
1,283	11,048	Shawmut Association	*	38½	40½	34¾	35¾	34¾	35	34¼ Dec 21	35½ Dec 14	28 Jun 25	40 Mar 28
7,179	46,141	Stop & Shop	1	--	--	21⅛	Sale	19¼	Sale	19 Dec 17	21⅛ Dec 3	17 Oct 24	41 Jan 2
92	5,848	Torrington Co (The)	*	61¼	Sale	56¾	Sale	58	59	56¾ Dec 3	58¼ Dec 6	45¾ May 29	62¾ Feb 1
5,641	50,160	United Fruit Co	*	24⅝	Sale	22	Sale	21½	Sale	20⅞ Dec 19	22⅜ Dec 7	17 Oct 24	30½ Feb 5
1,842	43,902	United Shoe Machinery	25	70⅜	Sale	48¼	Sale	47⅛	Sale	45½ Dec 19	50¾ Dec 5	41 Oct 24	70⅞ Jan 5
1,603	8,484	U S Smelt Ref'g & Mfg Co	50	36¾	Sale	39⅜	Sale	49⅞	Sale	39¼ Dec 20	50⅛ Dec 31	22½ Jun 27	50⅛ Dec 31
141	2,287	Vermont & Mass Ry Co	100	71½	—	72	77	70¼	--	69 Dec 12	71¾ Dec 26	66¼ Nov 2	74½ Mar 6
344	933	Waldorf System Inc	*	--	--	5⅜	5⅞	7	Sale	5½ Dec 13	7 Dec 31	5½ Oct 29	7 Sep 18
3,577	33,706	Westinghouse Electric	6.25	39	Sale	32¾	Sale	32	Sale	31 Dec 18	33 Dec 5	22¼ July 9	39⅛ Jan 2
----	100	Wichita River Oil Corp	1	--	--	2	2½	1½	2	-- ------	-- ------	3½ Feb 1	3½ Feb 1

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—	1962	1961	Stock Sales—	1962	1961
December (Shares)	58,267	74,958	Jan. 1 to Dec. 31 (Shares)	772,780	1,025,768

Aggregate Sales in December Shares	Aggregate Sales for Year 1962 Shares	Pittsburgh Stock Exchange STOCKS LISTED ISSUES	Par	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
558	6,946	Allegheny Ludlum Steel	1	—	—	34⅞	Sale	33⅛	Sale	31⅝ Dec 10	34⅞ Dec 3	27⅜ Oct 1	48⅛ Feb 20
440	2,627	Apollo Industries Inc	5	15½	16½	9	10	7½	Sale	7⅜ Dec 26	9¾ Dec 10	7⅜ Nov 26	18⅛ Feb 19
168	5,817	Armstrong Cork Co	1	—	—	64	Sale	67½	Sale	63½ Dec 11	67½ Dec 31	48⅛ Jun 27	73¼ Mar 19
870	7,254	Blaw-Knox Co	10	37⅝	Sale	—	—	27⅛	Sale	24⅞ Dec 21	27⅛ Dec 31	22⅝ Nov 1	39½ Jan 3
434	7,116	Columbia Gas System	10	28¾	Sale	24¾	Sale	26⅞	Sale	24¾ Dec 3	26⅞ Dec 31	21⅞ Oct 24	30⅛ Mar 21
----	95	Continental Com'cial Corp	1	5½	6¼	5⅛	5⅜	5⅛	5¼	-- ---- --	-- ------	5 Sep 28	6 Jan 12
3,356	36,824	Duquesne Brewing of Pgh	5	10	10¼	7⅞	8	8⅜	Sale	7⅞ Dec 4	8⅜ Dec 31	7¾ Sep 19	10⅜ Feb 20
755	16,937	Duquesne Light Co	5	31⅜	Sale	29	Sale	31½	Sale	28⅞ Dec 3	31½ Dec 31	24¼ May 29	32⅜ Mar 22
360	4,059	Equitable Gas Co	8.50	—	—	--	--	--	--	38 Dec 27	39⅞ Dec 13	34⅜ May 29	47¼ Jan 31
511	7,539	Harbison Walker Refrac	7½	47¼	Sale	32⅞	Sale	32	Sale	31¼ Dec 19	33⅛ Dec 5	25⅞ Oct 3	48 Mar 12
2,525	24,887	Horne (Joseph) Co	*	27½	Sale	24	26	24¼	Sale	22¾ Dec 18	25 Dec 10	19 Jun 25	28½ Mar 8
81	311	Jeannette Glass 7% pfd	100	100	—	94	100	92¾	--	95 Dec 14	98½ Dec 3	95 Dec 14	101 Jan 31
----	2,425	Lone Star Gas Co	1	--	--	--	--	--	--	-- ---- --	-- ------	20⅝ Jun 15	27 Jan 2
500	8,561	McKinney Mfg Co	1	60c	70c	50c	65c	60c	65c	50c Dec 12	50c Dec 12	40c Oct 16	75c Feb 23
35	552	Mountain Fuel Supply	10	—	—	--	--	--	--	34¾ Dec 21	34¾ Dec 21	32¾ Jun 22	39 Mar 12
151	3,135	Natco Corporation	5	9½	10½	8½	9½	7¾	8¾	8 Dec 28	8½ Dec 21	8 Dec 28	12⅝ Aug 15
100	480	Penn Federal Corp	*	75c	Sale	50c	--	50c	--	50c Dec 11	50c Dec 11	50c Nov 26	75c Jan 2
6,666	82,310	Pittsburgh Brewing com	1	5⅝	Sale	4⅜	4½	4½	Sale	4⅜ Dec 4	4¾ Dec 31	4¼ Sep 4	5¾ Jan 5
----	83	$2.50 conv preferred	25	38	--	35½	--	35½	--	-- ------	-- ------	36½ Aug 3	36½ Aug 3
----	1,148	Pittsburgh Forgings Co	1	65	Sale	--	--	--	--	-- ------	-- ------	13¼ July 3	15⅝ Aug 24
1,472	25,734	Pittsburgh Plate Glass	10	—	—	52¼	Sale	51⅝	Sale	50¾ Dec 19	54⅛ Dec 7	43½ Oct 23	67½ Feb 20
----	1,428	Plymouth Oil Corp	5	—	—	--	--	--	--	-- ------	-- ------	32½ Jan 29	35 Apr 5
914	13,772	Rockwell-Standard Corp	5	35	Sale	32¾	Sale	34¼	Sale	32½ Dec 4	34⅞ Dec 18	25⅝ May 29	37⅞ Apr 18
253	3,190	Screw & Bolt Corp of Amer	1	—	—	--	--	4¼	Sale	4¼ Dec 14	4⅜ Dec 26	3⅞ Oct 30	6⅝ Feb 9
----	356	Seeburg (The) Corp	1	—	—	--	--	--	--	-- ------	-- ------	12½ Jun 5	23⅞ Jan 16
464	6,936	United Engineering & Fdy	5	20¼	Sale	--	--	--	--	17⅞ Dec 10	18½ Dec 5	16¾ Oct 26	23⅜ Feb 21
----	2,487	Vanadium Alloys Steel Co	5	—	—	--	--	--	--	-- ------	-- ------	24¼ May 31	32⅛ Feb 23
1,010	13,877	Westinghouse Air Brake	10	25⅝	Sale	25½	Sale	25	Sale	25 Dec 18	26⅝ Dec 6	22 Oct 24	30⅝ Mar 12
4,845	63,897	Westinghouse El Corp	6.25	39¼	Sale	32½	Sale	32	Sale	31 Dec 11	33¼ Dec 27	24⅞ Oct 22	39¼ Jan 2

* 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 Quotations 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 DECEMBER 31, 1962

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	70	73	
Cons mtge 4½s ser B 1988 A-O	80	83	
Akron Union Passenger Depot—			
1st mtge 4½s ser A 1974 J-J	84	--	
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	80	--	
Atlantic Coast Line RR—			
Irreg ctfs of indebtedness 5s J-D	98	--	
Atlantic & Danville Ry Co—			
1st 3s July 1999	f--	40	
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	f51	53	
Belt Railway Co of Chicago—			
1st mtge 4⅝s ser A 1987 F-A	103¼	104¼	
Boston & Albany 5s Oct 1963 A-O	99¼	100¼	
4¼s improvement 1978 F-A	67	70	
Canadian National Railway Co—			
Guaranteed bonds (payable in Canadian Currency)			
2¾s Feb 1 1963 opt '61	92½	92¾	
3s Jan 3 1966 opt '61	88¾	89½	
2¾s Jan 2 1967 opt '64	87¼	88	
5½s Dec 15 1964	96⅜	97⅛	
4½s April 1 1967	92¼	93¼	
5s May 15 1968	93	94	
2⅞s Sept 15 1969 opt '64	83	83¾	
2⅞s Jan 16 1971 opt '66	81½	82½	
3¾s Feb 1 1974-'72	82	83	
5s May 15 1977	91½	92½	
4s Feb 1 1981	79½	80½	
5¾s Jan 1 1985	97½	98½	
5s Oct 1 1987	90¼	91¼	
Canadian Pacific Ry—			
Conv coll tr 3⅛s 1970 A-O	79½	--	
Conv coll tr 3½s 1966 A-O	88	89	
Conv coll tr 4s 1969 J-D	86	87	
Coll trust 3¾s 1972 M-N	87	88	
Coll trust 5s Jan 1983 J-J	87	88½	
Charleston & West Carolina Ry—			
Cons 5s 1964 J-J	99	101	
Chesapeake & Ohio—			
Refunding and impvt mtge—			
2.75s series G-22 1963 F-A	96¼	--	
2.80s series G-23 1964 F-A	95	--	
2.85s series G-24 1965 F-A	94	--	
2.90s series G-25 1966 F-A	92	--	
Chicago Great Western Ry—			
3⅞s coll trust 1969 F-A	87	--	
Chicago Memphis & Gulf—			
Ext at 3% to Dec 1962 J-J	70	--	
Cinc Indianapolis & Western—			
1st (stp mod) 3-5s 1965 M-N	86	88	
Cleveland Terminal & Valley—			
1st 4s gold guaranteed 1995 M-N	57	61	
Connecting Ry (Philadelphia)—			
1st mtge 3⅛s ser A 1976 M-S	69	72	

Bonds—	Bid	Ask	Net
Delaware Lackawanna & Western—			
Oswego & Syracuse—			
4-6s May 1 1993	28	31	
Utica Chenango & Susquehanna			
Ry Div 1st 3-5s May 1 1992	18	21	
Warren RR 1st ref 3½s 2000 F-A	31	--	
2nd 4-6s May 1 1992	28	31	
Detroit & Toledo Shore Line—			
1st mtge 3¼s series A 1982 J-D	82	--	
Elmira & Williamsport—			
Income 5s 2862 A-O	f88	--	
First RR & Banking Co of Georgia			
5s conv debs 1977 M-S	101	104	
Fonda Johnstown & Gloversville—			
2nd conv income 4½s 2011 Apr	f75	--	
Fort Dodge Des Moines & South—			
1st inc 4s Dec 31 1991 An-May	f38½	41	
Fort Street Union Depot Co—			
1st sinking fund 3¾s 1965 J-D	96	--	
Green Bay & Western—			
Debenture certificates A Feb	f65	--	
Debentures certificates B Feb	f9½	11	
Guayaquil & Quito Ry—			
5s "assented" 1932 J-J	f28	30	
Illinois Terminal RR Co—			
1st mtge 4⅝s ser A 1987 J-D	101¼	102	
Indiana Harbor Belt RR—			
1st mortgage 5⅛s 1982 J-D	90	94	
Jacksonville Terminal—			
1st mtge 3⅜s ser A 1977 J-D	82	--	
Kans City St Louis & Chicago RR—			
1st 4½s May 31 2022	80	84	
Kansas Oklahoma & Gulf—			
1st mtge 3⅝s 1980 M-S	84	88	
Kentucky & Indiana Term RR—			
1st mtge 4⅞s 1986 M-S	98½	99½	
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	60	63	
Lehigh Valley RR Co—			
Cons 4½s Apr 1 1989 J-D	60	64	
Louisiana & North West RR—			
General sinking fund 5s 1974 J-J	96	99	
Non-cum income deb 5s 2008 July	f36	--	
Louisville & Nashville RR Co—			
4⅞s coll trust 1987 J-D	98½	99	
Macon Terminal 5s 1965 J-J	99	--	
Maine Central RR—			
5½s inc debs 2008 M-S	f66	68	
Maryland & Pennsylvania RR—			
1st extended 2-4s 1981 M-S	95	--	
1st cons ext 2-6s 1993 A-O	99	--	
Mexican International RR—			
1st cons 4s Sep 1977 (1922 ass'nt)			
Stamped Plan B	f25	--	
Sterling 4½s Sep '47 ('22 ass'nt)			
Stamped Plan B	f20	--	
Mohawk & Malone —			
Consolidated gold 3½s 2002 M-S	45	48	
Muskogee Company—			
4½s coll tr s f 1970 A-O	94	98	
National RR of Mexico—			
1st cons 4s Oct 1951			
Plan B	f36	37	
6s (formerly 4½s 1926)			
Extended to Jan 1933			
Plan B	f48	50	

Bonds—	Bid	Ask	Net
National Rys of Mexico—			
Prior lien 4½s July 1957			
Plan B	f38	39	
Sink fund 4s Oct 1977			
Plan B	f36	37	
3 mos 6% notes Dec 1913			
Plan B	f37	--	
3 yr 6% $ notes Jan 1914			
Plan B	f25	--	
New Orleans Great Northern—			
Income debentures 5s 2032 J-J	f66	70	
New York Central RR—			
Collateral trust 5¼s 1980 J-J	78	--	
Collateral trust 5¾s 1980 J-J	84	--	
North Pennsylvania RR—			
3⅝s mortgage 1972 J-D	69	--	
Norwich & Worcester RR—			
1st mtge 4½s ser B 1967 M-S	45	48	
Oswego & Syracuse (see D L & W)			
Penn & N Y Canal & RR—			
Cons 1st extended 4½s 1969 A-O	63	65	
Cons extended 4s 1969 A-O	65	68	
Pennsylvania Company—			
5¼s coll trust 1985 J-D	102½	--	
Pennsylvania RR—			
Secured serial bonds—			
4s 1963 J-J	100	--	
4s 1964 J-J	b4.00 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	100	
Portland (Me) Terminal—			
1st mtge 6¼s 1986 F-A	95	98	
Providence & Worcester RR—			
1st mtge 4¾s ser A 1967 A-O	52	--	
Richmond Term 3⅜s 1965 M-S	95	--	
Southern Railway—			
Aiken Branch 4s 1998 J-J	60	65	
Spartanburg Union & Columbia—			
1st 4s 1995 J-J	83	--	
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	96	--	
Toledo Terminal RR—			
1st mtge 4¾s 1982 A-O	92	96	
Union Terminal Co (Dallas)—			
1st mtge 3s 1978 J-D	82	--	
United N J RR & Canal Co—			
1st 4½s Sept 1 1979 M-S	91	95	
Gen mtge 2¾s 1976 M-S	70	--	
Utica Chenango & Susq Ry Div—			
See Del Lack & Western			
Vera Cruz & Pacific RR—			
1st 4½s 1934 Plan B	f36	37	
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	76	79	
Wheeling & Lake Erie RR—			
Gen & ref M 2¾s ser B 1974 F-A	73¾	--	
Gen & ref M 2¾s ser C 1974 F-A	80	--	

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 June 30, 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 June 30, 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.

	June 30, 1962 Bid Price
Alabama Great Southern RR—	
4⅜s series K—	
June 15-Dec 15 1963-1967	101½ to 101⅜
Ann Arbor Railroad—	
3⅝s series C April 1 1963-72	99⅝ to 92⅞
Atlantic Coast Line RR—	
2½s series J March 1 1963-64	98⅞ to 97½
2¾s (J 2nd) March 1 1963-64	99 to 98
4¼s series K Jan 1 1964-72	100¼ to 97¾
4⅜s series L July 15 1963-1975	101⅜ to 100¾
4¼s series M Aug 15 1963-1975	100¼ to 97⅝
4¼s series N (1st part) Jan 1 1964-1977	100¼ to 97⅝
4⅜s series N (2nd & final) Jan 1 1964-1977	100½ to 98½
4⅛s series O Aug 15 1963-1977	100⅝ to 98⅜
Baltimore & Ohio RR—	
2½s series AA July 1 1963-64	97½ to 95⅞
2½s series BB Jan 1 1964-65	a99 to 95⅞
3s series CC Sept 1 1963-66	98¾ to 95⅛
3s series DD March 1 1963-67	99⅛ to 94¼
3⅛s series EE June 1 1963-67	99⅛ to 94½
Series FF—	
3⅛s 1st & 2nd) Dec 1 1963-67	98¾ to 94⅛
3¼s (3rd inst) Dec 1 1963-67	99 to 94⅝
Series GG—	
1st & 2nd 3¼s Jan 1 1964-71	98⅝ to 90¼
3rd & 4th 3⅝s Jan 1 1964-71	99⅛ to 92⅞
4¼s series HH Jan 1 1964-72	100 to 96½
4s series II (1st install) Feb 1 1963-1972	99⅞ to 94⅝
4½s series II (2nd install) Feb 1 1963-1972	100⅛ to 98⅜
Series JJ—	
4¼s (1st install) Dec 1 1963-1972	100⅜ to 96⅜
3¾s (2nd and final) Dec 1 1963-1972	99⅝ to 92⅜
Bangor & Aroostook RR—	
2½s series N Dec 1 1963	97⅞ —
3¼s of 1952 Apr 1-Oct 1 '63-'67	98⅞ to 94⅝
2⅞s of 1954 June 1 1963-1969	98⅞ to 90⅛
2¾s series P of 1954— Nov 1 1963-1969	98⅜ to 88⅞
Boston & Maine RR—	
4½s series I (1st and 2nd) March 1 1963-1971	98¼ to 67¾
6s series I (3rd install) March 1 1963-1971	98½ to 76
Central of Georgia—	
3¼s series W May 1 1963-67	99¼ to 95¼
3⅜s series X Nov 1 1963-67	99¼ to 95⅜
3⅝s series Y Sept 1 1963-68	99½ to 95⅝
2⅞s series Z Aug 1 1963-1969	98¾ to 90
3¼s series A Mar 1 1963-70	99¾ to 90½
3¼s ser B Feb 1-Aug 1 1963-71	99 to 89½
4⅝s ser C May 1-Nov 1 1963-71	100¾ to 99⅞
5s ser D June 1-Dec 1 1963-72	101⅝ to 102⅝
Central RR of New Jersey—	
2⅝s series A Oct 15 1963	97⅜ to —
2½s of 1950 April 1 1963-65	96⅜ to 91⅝
3½s of 1952 Oct 1 1963-67	98½ to 92½
3⅝s of 1953 March 1 1963-68	99⅜ to 91
3⅛s of 1954 April 1 1963-69	99 to 86⅜
Central RR of Pennsylvania—	
2⅝s of 1948 April 15 1963	98¼ —
2⅜s of 1950 April 1 1963-65	98¼ to 93⅜
3s of 1951 Aug 1 1963-66	98⅛ to 92⅛
Chesapeake & Ohio Ry—	
2⅛s (3rd 1949) Feb 1-Aug 1 1963-1964	97¾ to 96⅛
2s (4th 1949) May 1-Nov 1 1963-1964	97¼ to 95½
2⅛s of 1950 Jan 1-July 1 1963-1965	98 to 94⅜
2⅛s (2nd 1950) April 1-Oct 1 1963-1965	97⅝ to 94
2⅜s (3rd 1950) March 1-Sept 1 1963-1965	98 to 94¾
2½s (4th 1950) May 15-Nov 15 1963-1965	98 to 95⅛
2½s of 1951 Feb 1-Aug 1 1963-1966	98¼ to 93¾
2⅞s (2nd 1951) May 15-Nov 15 1963-1966	98⅝ to 95
3s (3rd 1951) Feb 1-Aug 1 1963-1966	99 to 95¾
2¾s (4th 1951) April 1-Oct 1 1963-1966	98½ to 94⅝
3⅛s (5th 1951) June 15-Dec 15 1964-1966	98⅞ to 96
2⅞s of 1952 March 1-Sept 1 1963-1967	98¾ to 93¾
2⅞s (2nd 1952) April 15-Oct 15 1963-1967	98⅝ to 93¾
2⅞s (3rd 1952) June 1-Dec 1 1963-1967	98½ to 93⅝
3⅛s (4th of 1952) March 1-Sept 1 1963-1967	99 to 95
3¼s (5th of 1952) April 15-Oct 15 1963-1967	99⅛ to 95½

	June 30, 1962 Bid Price
Chesapeake & Ohio Ry—(Cont'd)	
3s of 1953 Feb 1-Aug 1 1963-1968	98⅞ to 93⅛
3¼s (2nd 1953) April 1-Oct 1 1963-1968	99¼ to 94⅜
3⅝s (3rd 1953) Jan 1-July 1 1963-68	99¾ to 96⅝
3s of 1955 Aug 1 1963-70	99⅛ to 90⅞
3s of 1956 1st installment Feb 20 '63-71	99¼ to 90
3⅜s 2nd of '56 June 4 1963-71	99½ to 92½
3⅞s 3rd of 1956 Oct 23 1963-71	100 to 96⅛
4⅛s 3rd of 1956 Oct 23 1963-71	100⅜ to 98
3⅞s of 1957 Feb 25 1963-72	99⅞ to 96
4¼s of 1957 1st installment June 1 '63-72	100¼ to 98⅞
4⅜s of 1957 2nd & 3rd June 1 1963-1972	100⅜ to 99⅞
4½s of 1959 (1st part) 1st installment June 1 '63-74	100½ to 100½
4⅝s of 1959 (2nd and final) June 1 1963-1974	100⅝ to 101¾
4¼s of 1960 Nov 1 1963-1975	100½ to 98¼
Chicago & Eastern Illinois Ry—	
2⅝s series F Jan 1-July 1 1963	97½ —
2⅝s series G Jan 1-July 1 1963-1964	97½ to 95¼
2¾s series H June 1-Dec 1 1963-1965	96⅞ to 92½
3⅛s series I Feb 1-Aug 1 1963-1967	98 to 90⅝
3⅝s series J March 1-Sept 1 1963-1968	98½ to 91¼
4⅜s series K Feb 1-Aug 1 1963-1972	99½ to 92
5s series L July 22 1963-1972	100¼ to 96⅞
Chicago & North Western Ry—	
2⅜s (1st 1948) Aug 1 1963	97¾ —
2⅜s (2nd 1948) Nov 1 1963	97¼ —
2⅜s (1st 1949) June 1 1963-64	98 to 95⅞
2⅜s (2nd 1949) Aug 1 1963-64	97¾ to 95½
2¼s of 1950 April 1 1963-65	98¼ to 93⅝
2⅝s of 1951 March 15 1963-66	98⅝ to 92⅛
3s (1st 1952) May 1 1963-67	98⅝ to 91¼
3⅛s (2nd 1952) July 1 1963-67	98⅝ to 91½
3½s (1st 1953) April 1 1963-68	99⅛ to 91¾
3¾s (2nd 1953) Jun 15 1963-68	99¼ to 92¾
3¾s (3rd 1953) Aug 15 1963-68	99⅛ to 92⅜
2⅞s of 1954 Mar 1 1963-1969	98¾ to 87
2⅞s (2nd 1954) May 1 1963-69	98¾ to 85⅛
3⅜s of 1955 July 15 1963-1970	98¾ to 87¾
3⅝s (1st 1955) Nov 1 1963-70	98⅞ to 89⅛
3¾s (2nd of '55) Nov 1 1963-70	99 to 90
4⅜s of 1956 June 15 1963-71	99¾ to 93½
5s (2nd of '56) Nov 1 1963-71	100⅝ to 97⅞
5⅛s (3rd of '56) Nov 15 '63-71	100⅞ to 98¾
5½s of 1957 March 15 1963-72	100½ to 101⅝
6s (2nd of '57) July 15 1963-72	101½ to 105½
5¼s (1958 1st & 2nd part) Jan 1 1964-73	100¾ to 99¾
5¾s (2nd of 1958 1st part) Oct 15 1963-1973	101½ to 103⅞
5½s (2nd of 1958 2nd part) Oct 15 1963-1973	101¼ to 101¾
5¼s (2nd of 1958 3rd part) Oct 15 1963-1973	100⅞ to 99¾
5⅛s of 1959 Jan 15 1963-74	100½ to 98⅝
5s of 1962 April 1 1963-1977	100¼ to 97⅜
Chicago Burlington & Quincy RR	
2¼s of 1948 April 1-Oct 1 1963	97¾ —
2¼s of 1949 Jan 1-July 1 1963-1964	98 to 96½
2⅛s of 1950 March 1-Sept 1 1963-1965	97⅝ to 94⅛
3¼s of 1953 May 1-Nov 1 1963-1968	99⅛ to 94¼
2⅞s (2nd 1953) May 1-Nov 1 1963-1968	98⅝ to 92⅛
2⅝s of 1954 Jan 1-July 1 1963-1969	98⅝ to 89¾
2⅝s (2nd 1954) June 1-Dec 1 1963-1969	98⅛ to 89½
2⅞s of 1955 Jan 5-July 5 1963-1970	98⅜ to 90
3⅛s (2nd 1955) March 1-Sept 1 1963-1970	99⅛ to 91½
3⅛s (No 1 of 1956) Feb 1-Aug 1 1963-1971	99⅛ to 90⅜
3⅞s (No 2 of 1956) May 1-Nov 1 1963-1971	100⅛ to 96⅛
3¾s (No 1 of 1957) March 1-Sept 1 1963-1972	100 to 94¾
3½s (No 1 of 1958) Feb 1-Aug 1 1963-1973	99⅝ to 91¾
3½s (No 2 of 1958) April 1-Oct 1 1963-1973	99⅝ to 91⅝
3⅜s (No 3 of 1958) Jan 1-July 1 1963-1973	99½ to 90¾
4⅜s (No 1 of 1959) Feb 1-Aug 1 1963-1974	100¾ to 91½
4⅝s (No 2 of 1959) Jan 1-July 1 1963-1974	101 to 101¾
5s (No 3 of 1959) March 1-Sept 1 1963-1974	101⅝ to 105¼
4⅝s (No 1 of 1960) Jan 1-July 1 1963-1975	101 to 101¾
4¼s (No 1 of 1961) Feb 1-Aug 1 1963-1976	100½ to 98¼
4⅛s (No 2 of 1961) June 1-Dec 1 1963-1976	100½ to 97
4⅛s (No 3 of 1961) May 1-Nov 1 1963-1976	100½ to 97
4⅜s (No 1 of 1962) March 1-Sept 1 1963-1977	100¾ to 99½
4s (No 2 of 1962) June 1-Dec 1 1963-1977	100⅜ to 95⅝
Chicago Great Western Ry—	
2¾s (2nd 1949) Jan 15-July 15 1963-1964	98½ to 97

	June 30, 1962 Bid Price
Chicago Indianapolis & Louisv RR	
2⅝s (1st 1948) April 15 1963	98¼ —
2⅝s (1st 1949) Mar 1 1963-64	98⅜ to 96⅜
2¾s of 1951 March 1 1963-66	98⅜ to 92¼
3¼s of 1952 Aug 15 1963-1967	98⅜ to 91½
3¾s (1st 1953) Oct 15 1963-68	98⅞ to 92¼
Chicago Milw St Paul & Pac RR—	
2⅜s series HH April 1-Oct 1 1963-1964	97¾ to 96¾
2⅛s series JJ March 1-Sept 1 1963-1964	97½ to 95¾
2¼s series KK April 1-Oct 1 1963-1964	97½ to 96
2¼s series LL June 1-Dec 1 1963-1965	97¼ to 93¾
2½s series MM May 1-Nov 1 1963-1965	97¾ to 94¾
2⅞s series OO April 1-Oct 1 1963-1966	98½ to 94¾
2⅞s series PP March 1-Sept 1 1963-1967	98½ to 93⅜
3⅛s series QQ March 1-Sept 1 1963-1967	98⅞ to 94½
3⅛s series RR Jan 1-July 1 1963-1969	99 to 91⅞
2¾s series SS Jan 1- July 1 1963-1969	98½ to 89⅝
2⅞s series TT May 1-Nov 1 1963-1969	98⅜ to 90
3⅜s series UU Jan 1-July 1 1963-1971	99¼ to 91¼
4s series VV (1st inst) Feb 1-Aug 1 1963-1972	100 to 95⅝
4⅜s ser VV (2nd and final instal Feb 1-Aug 1 1963-1972)	100½ to 98¾
4⅛s series WW Jan 1-July 1 1963-1973	100⅛ to 96⅜
4½s series XX Feb 1-Aug 1 1963-1974	100⅝ to 99¾
4⅞s series YY (1st part) Feb 1-Aug 1 1963-1975	101⅛ to 103¼
4¾s ser YY (2nd & final inst) Feb 1-Aug 1 1963-1975	101 to 102
4s series ZZ March 1-Sept 1 1963-1976	100 to 94⅝
Chicago Rock Island & Pac RR—	
2¼s series A Jan 1-July 1 1963	97⅞ —
2⅛s series G June 1-Dec 1 1963-1965	97⅛ to 93⅜
2¾s series J April 1-Oct 1 1963-1966	98⅜ to 94⅜
2¾s series K May 1-Nov 1 1963-1966	98¼ to 94⅛
3s series L Jan 1-July 1 1963-1967	98¾ to 94⅛
2¾s series M April 1-Oct 1 1963-1967	98¼ to 92⅝
2¾s series N Feb 1-Aug 1 1963-1964	98½ to 97¼
2¾s series O Jan 1-July 1 1963-1965	98½ to 96
3s series P June 1-Dec 1 1963-1967	98½ to 93¾
3⅜s series Q May 1-Nov 1 1963-1968	99⅛ to 94½
4⅛s series R June 1-Dec 1 1963-1972	100⅜ to 96½
4⅜s series S Feb 1-Aug 1 1963-1972	100½ to 98¾
3½s series T Feb 1-Aug 1 1963-1973	99⅜ to 91
4⅛s series U Feb 15-Aug 15 1963-1974	100¼ to 96⅜
5s series V June 15-Dec 15 1963-1974	101¾ to 104⅜
4½s series W May 15-Nov 15 1963-1975	101 to 99¾
Chicago St Paul M & O Ry—	
2⅝s of 1948 Dec 1 1963	97½ —
3⅛s of 1951 July 1 1963-1966	98⅝ to 93⅜
3¼s of 1952 Jun 1 1963-1967	98⅞ to 92¼
4½s of 1953 July 1 1963-1968	100 to 96⅝
Cin New Orl & Texas Pac Ry—	
3⅞s series L (1st inst) Feb 1-Aug 1 1963-1967	100⅛ to 98⅝
3¾s series L (2nd inst) Feb 1-Aug 1 1963-1967	100 to 98⅛
Delaware Lack & Western RR—	
2½s series H March 15-Sept 15 1963-1964	97 to 94½
2½s series I April 1 1963-64	98½ to 94
2⅜s series J April 1 1963-65	98⅜ to 91¼
3s series K March 1 1963-1967	98⅞ to 89½
3⅛s series L Jan 15 1963-1968	99⅛ to 88⅜
2¾s series M Feb 15-Aug 15 1963-1969	97½ to 84¾
3⅜s series N (1st inst) May 15-Nov 15 1963-1971	98½ to 87⅞
3⅞s series N (2nd instal) May 15-Nov 15 1963-1971	98¾ to 88¾
Denver & Rio Grande West RR—	
2½s series M May 1-Nov 1 1963-	98⅛ —
2⅜s series N April 1-Oct 1 1963-1964	98 to 96¾
2¼s series O June 1-Dec 1 1963-1964	97⅝ to 96¼
2⅜s series P June 1-Dec 1 1963-1965	97⅞ to 94¾
3s series Q June 1-Dec 1 1963-1966	98⅞ to 95¾

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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	June 30, 1962 Bid Price
Den & Rio Grande West RR(cont)	
2¾s series R June 1-Dec 1 1963-1967	98½ to 93¼
3⅛s series S May 1-Nov 1 1963-1968	99⅛ to 94⅛
3½s series S (2nd installment) May 1-Nov 1 1963-1968	99⅝ to 96⅜
2⅞s series T June 1-Dec 1 1963-1970	98⅝ to 90¼
3¼s series U Jan 1-July 1 1963-1971	99⅜ to 92⅛
3¾s series V May 1-Nov 1 1963-1972	100 to 95⅛
3⅜s series W March 1-Sept 1 1963-1973	99½ to 91
4s ser X Mar 1-Sept 1 1963-74	100⅜ to 96⅜
4⅝s series Y June 1-Dec 1 1963-1975	101½ to 102⅜
4⅜s series Z July 1 1963-1976	100½ to 100
4⅛s series AA April 1-Oct 1 1963-1977	100½ to 97½
Erie RR—	
2⅜s of 1950 Jan 15-July 15 1963-1965	97⅛ to 92⅛
3s of 1954 Jan 15 1963-1969	99 to 87⅜
3s of 1955 July 15 1963-1970	98¼ to 84⅞
3⅝s of 1956 June 15 1963-1971	99 to 87⅜
4¼s 1957 Jan 1 1964-72	99 to 91⅝
4¾s (2nd 1957) July 15 1963-1972	100 to 95
Great Northern Ry Co—	
2⅜s of 1948 March 1-Sept 1 1963	98⅛ —
2s of 1949 June 1-Dec 1 1963-1964	97⅛ to 95⅜
2⅜s of 1950 Feb 1-Aug 1 1963-1965	98⅛ to 95
2⅞s of 1951 April 1-Oct 1 1963-1966	98¾ to 95⅛
3s (2nd 1951) June 1-Dec 1 1963-1966	98¾ to 95½
2⅞s of 1953 Jan 1-July 1 1963-1968	98⅞ to 92½
2¾s of '54 Feb 1-Aug 1 1963-69	98⅜ to 90⅜
2⅝s (2nd 1954) June 1-Dec 1 1963-1969	97 to 89⅛
3⅜s of 1956 April 1-Oct 1 1963-1971	99⅜ to 92⅛
3¾s of 1957 Mar 1-Sept 1 '63-72	100 to 94¾
4¼s (2nd of 1957) Feb 1-Aug 1 1963-1972	100½ to 98⅞
3½s of '58 Feb 1-Aug 1 1963-73	99⅝ to 91¾
4s (2nd of 1958) March 1-Sept 1 1963-1973	100¼ to 96⅛
4⅛s (3rd of 1958) June 1-Dec 1 1963-1973	100⅝ to 97¼
4½s of 1959 May 1-Nov 1 1963-1974	101⅛ to 100⅝
5s of 1960 Feb 1-Aug 1 1963-1975	101½ to 105⅜
4⅞s (2nd of 1960) March 1-Sept 1 1963-1975	100⅜ to 104
4s of 1961 March 1-Sept 1 1963-1976	100¼ to 95¾
4s of 1962 May 1 1963-1977	100⅛ to 95⅞
Gulf Mobile & Ohio RR—	
2⅛s series E Feb 15 1963-1964	98⅞ to 97¼
3s series F April 1-Oct 1 1963-1965	98⅞ to 96¾
3⅛s series G March 1-Sept 1 1963-1968	98⅛ to 93¾
4¼s series H Jan 1-July 1 1963-1972	100½ to 98⅞
4⅜s series I March 1-Sept 1 1963-1976	100¾ to 99½
4⅛s series J Jan 15-July 15 1963-1977	100⅞ to 99½
4s series K April 1-Oct 1 1963-1977	100¾ to 97¾
Illinois Central RR—	
2⅞s series FF April 1-Oct 1 1963-1966	98¾ to 95⅛
3s series GG May 1-Nov 1 1963-1966	98¾ to 95½
2⅞s series HH Feb 1-Aug 1 1963-1967	98¾ to 93⅞
2¾s series 35 May 1-Nov 1 1963-1967	98½ to 93⅛
3s series 36 Feb 1-Aug 1 1963-1968	99 to 93⅛
3s series 37 March 1-Sept 1 1963-1968	98⅞ to 93
2½s series 38 March 1-Sept 1 1963-1969	98¼ to 88¾
2½s series 39 April 1-Oct 1 1963-1969	98⅛ to 88¼
2⅝s series 40 Jan 1-July 1 1963-1970	98⅝ to 88¼
3¼s series 41 Jan 1-July 1 1963-1971	99¼ to 91⅜
3s series 42 March 1-Sept 1 1963-1971	98⅞ to 89⅜
4s series 43 Jan 1-July 1 1963-1972	100¼ to 96⅞
4⅛s series 44 May 1-Nov 1 1963-1972	100½ to 97⅞
4¼s series 45 Jan 1-July 1 1963-1973	100½ to 98⅜
4⅛s series 46 June 1-Dec 1 1963-1973	100⅝ to 97¼
4s series 47 April 1-Oct 1 1963-1974	100¼ to 96
4½s series 48 March 1-Sept 1 1963-1974	101 to 100¾
4⅜s series 1949 May 1-Nov 1 1963-1975	100⅞ to 99½
4s series 50 March 1-Sept 1 1963-1975	100¼ to 96
4⅛s series 51 Dec 1 1963-1975	100⅜ to 97⅛
4s series 52 March 1-Sept 1 1963-1976	100¼ to 95¾

	June 30, 1962 Bid Price
Indiana Harbor Belt RR—	
2⅜s 2nd 1949 Sept 15 1963-64	98⅛ to 96⅝
2¼s of 1950 Feb 15 1963-1965	98¾ to 95⅜
International Great Northern RR	
2⅜s ser CC Aug 15 1963-1964	98⅛ to 96⅜
2⅜s series DD April 1 1963-65	98⅝ to 95¼
3¼s series EE Feb 20 1963-1968	99⅜ to 94
2⅞s series FF May 1 1963-1969	99 to 90¼
Kansas City Southern Ry—	
2½s series I Feb 1-Aug 1 1963-1964	98⅜ to 97
2⅛s series J May 1-Nov 1 1963-1964	97½ to 95⅞
2½s series K Sept 1 1963-1965	98½ to 95¾
Long Island RR—	
2⅝s series K May 1 1963	98⅝ —
Louisville & Nashville RR—	
2¾s series K Sept 15 1963-1966	99⅝ to 94⅞
2⅞s series L July 15 1963-1967	98¼ to 93⅛
3¼s series M Aug 15 1963-1968	99⅜ to 94⅝
2½s (ser M 2d) Aug 15 1963-68	99⅝ to 90⅝
3s series N Dec 15 1963-1968	98⅞ to 93
3s series O March 15 1963-1971	99¼ to 90
3⅞s series P Nov 15 1963-1971	100 to 96
3⅝s series Q Jan 15 1963-1973	99¾ to 93⅛
3½s series R Mar 1 1963-1973	99⅝ to 92⅛
3⅜s series S April 15 1963-1973	99½ to 91
4⅛s series T Jan 15 1963-1974	100 to 97⅜
4½s series U June 15 1963-1974	100½ to 100⅝
4½s series V April 1 1963-1975	100⅜ to 100⅝
4½s series W May 15 1963-75	100½ to 100⅝
4s series X Sept 1 1963-1975	100¼ to 96
4⅛s series Y Nov 15 1963-1975	100 to 97⅛
4⅛s sereis Z Jan 1 1964-1976	100¼ to 97¼
3¾s series AA Mar 15 1963-76	99⅞ to 93⅝
4⅛s series BB June 15 1963-76	100¼ to 97⅛
4s series CC July 1 1963-1977	100⅝ to 97¼
4s series DD Sept 1 1963-1977	100⅝ to 97¾
Minneapolis & St Louis Ry—	
4½s series A May 10 1963-1972	99¾ to 93
4¼s series B Aug 26 1963-1973	99½ to 91
Minneapolis St Paul & Saulte Ste Marie RR—	
3⅛s series A Jan 1-July 1 1963-1967	98⅝ to 94
2⅞s series B Feb 1-Aug 1 1963-1969	98½ to 89½
4½s series C May 1-Nov 1 1963-1971	100½ to 98½
4⅞s series D Feb 1-Aug 1 1963-1972	100⅞ to 101⅛
Missouri-Kansas-Texas RR—	
2½s of 1948 March 1-Sept 1 1963	97⅜ —
2½s of 1949 Feb 1-Aug 1 1963-1964	97½ to 95⅜
2½s (2nd 1949) April 1-Oct 1 1963-1964	97¼ to 95
2⅜s (3rd 1949) June 15-Dec 15 1963-1964	96¾ to 94⅜
2⅛s of 1950 Feb 1-Aug 1 1963-1965	97 to 91¾
2⅞s of 1951 Jan 1-July 1 1963-1966	98⅛ to 92
2¾s (2nd 1951) March 15-Sept 15 1963-1966	99⅝ to 91⅜
3⅛s of 1952 Jan 15-July 15 1963-1967	98⅜ to 91⅛
3⅜s of 1956 Sept 1 1963-1971	99 to 88
Missouri Pacific RR—	
2½s series LL April 15 1963-64	98¾ to 97¼
2⅜s series MM Aug 15 1963-64	98⅛ to 96⅜
2⅜s series NN April 1 1963-65	98⅝ to 95¼
2⅜s series OO June 1 1963-1965	98⅜ to 95
2⅝s series PP Feb 1 1963-1966	99 to 94½
3⅜s ser QQ Dec 15 1963-1966	99⅛ to 96⅜
3⅛s series RR March 1 1963-67	99¼ to 94¾
3s series SS May 1 1963-1967	99 to 94⅛
3⅛s series TT July 1 1963-1967	99 to 94½
3¼s series UU Mar 2 1963-1968	99⅜ to 94
3¾s series VV June 15 1963-68	99⅝ to 96⅜
3⅛s series WW Jan 15 1963-69	99⅜ to 92¾
2¾s series XX Mar 15 1963-69	99 to 89⅝
2⅞s series YY Jan 1 1963-1970	99¼ to 89⅛
3s series ZZ Feb 1 1963-1970	99¼ to 89¾
3¼s series A June 15 1963-1970	99⅛ to 91
3⅜s series B Sept 1 1963-1970	99¼ to 90¾
3½s series C Jan 1 1964-1971	99 to 92
3⅝s series D April 15 1963-1971	99⅜ to 90⅞
3⅝s series E June 1 1963-1971	99½ to 92⅝
3¾s series F (1st instal) Aug 15 1963-1971	99⅝ to 93⅜
4⅛s series F (final instal) Aug 15 1963-1971	100⅛ to 96¼
4½s series G Jan 15 1963-1972	100⅛ to 99
4½s series H June 1 1963-1972	100⅜ to 99
4½s series I Sept 1 1963-1972	100½ to 99
3⅝s series J Jan 15 1963-1973	99⅝ to 91⅝
4¼s series K Sept 1 1963-1973	100¼ to 96¾
4¾s series L Aug 1 1963-1974	100¾ to 101
5⅛s series M Oct 15 1963-1974	101⅜ to 104½

	June 30, 1962 Bid Price
Missouri Pacific RR. (Cont'd)—	
5s ser N (1st part) Jun 1 63-75	100¾ to 103⅜
4¼s series N (2nd part) June 1 1963-1975	100⅛ to 96½
4⅜s series O Feb 1 1963-1976	100 to 97⅝
4¼s series P May 1 1963-1976	100⅛ to 96½
4s series Q May 1 1963-1977	99⅞ to 93⅞
4s series R Jan 1 1964-1978	100⅝ to 97¼
Monon Railroad—	
4¼s (1st 1956) Nov 15 1963-71	99⅜ to 91¾
Nashville Chatt & St Louis Ry—	
2¾s series E Feb 1 1963-1964	99 to 97⅝
2¼s series F May 1 1963-1965	98⅝ to 95⅜
2½s series G Feb 1 1963-1966	99⅛ to 94¾
2⅞s series H Dec 15 1963-1967	98¾ to 93⅞
New York Central RR—	
2⅝s of 1949 Jan 1 1964	97 —
2⅝s (2nd 1949) Mar 15 1963-64	98⅝ to 96⅝
2⅝s (3rd 1949) May 15 1963-64	98⅜ to 96⅜
2¾s (4th 1949) July 15 1963-64	98¼ to 96⅜
2¾s (5th 1949) Oct 1 1963-1964	97⅞ to 96
2¾s of 1950 Jan 1 1964-1965	97¾ to 95⅛
2¾s (2nd 1950) June 15 '63-65	98⅜ to 94¼
2¾s (3rd 1950) Nov 15 1963-65	97¾ to 93½
2¾s of 1951 Jan 1 1964-1966	97¼ to 92⅞
3⅜s (2nd 1951) Dec 1 1963-66	98½ to 93¾
3⅜s of 1952 Feb 1 1963-1967	99¼ to 93⅛
3⅛s (2nd 1952) May 15 1963-67	98¾ to 91¾
3¼s (3rd 1952) Aug 15 1963-67	98⅝ to 91⅞
3⅛s of 1953 Jan 1 1964-1968	97¾ to 90⅜
3⅝s (2nd 1953) Mar 15 1963-68	99¼ to 92½
3⅝s of 1955 Sept 15 1963-1970	99 to 89⅜
4¾s of 1957 Jan 1 1964-1972	100⅛ to 96
4⅜s (2nd 1957) April 1 1963-72	99¾ to 92⅝
5s (3rd 1957) Sept 16 1963 1972	100⅝ to 97¾
5¼s of 1960 June 1 1963-1975	100⅜ to 99¾
4¾s of 1961 Feb 15 1963-1976	100 to 95⅜
4⅞s (2nd 1961) June 1 '63-76	100⅜ to 96⅜
N Y Chicago & St Louis RR—	
2s of 1949 April 15-Oct 15 1963-1964	97⅜ to 95½
2½s of 1950 June 15-Dec 15 1963-1965	97⅞ to 95
3s of 1951 Jan 15-July 15 1963-1966	99 to 95⅞
3⅛s of 1952 Jan 1-July 1 1963-1967	99⅛ to 95⅛
2⅞s of 1953 Oct 1 1963-1967	98⅞ to 93½
3⅜s (2nd 1953) Dec 15 1963-67	99⅜ to 96¼
3¾s (3rd 1953) July 15 1963-68	99⅞ to 97⅜
2⅝s of 1954 Sept 1 1963-1968	98⅝ to 91¼
2½s (2nd of 1954) May 1-Nov 1 1963-1969	98 to 88½
2⅞s of 1955 June 15-Dec 15 1963-1970	98½ to 89½
3⅜s of 1956 June 1-Dec 1 1963-1971	99⅜ to 92⅛
3⅜s (2nd of 1956) Feb 1-Aug 1 1963-1971	99½ to 92⅜
3¾s of 1957 March 15-Sept 15 1963-1972	100 to 94¾
3⅝s of 1958 Feb 15-Aug 15 1963-1973	99¾ to 92⅞
4⅛s of 1959 Jan 15-July 15 1963-1974	100⅜ to 97¼
4⅜s of '60 May 1-Nov 1 '63-'75	100⅞ to 99½
4⅛s of '62 Feb 15-Aug 15 '63-'77	99¾ to 97
4⅛s (2d '62) Mar 1-Sep 1 1963-72	100⅝ to 98⅞
N Y New Haven & Hartford RR—	
2⅝s (1st 1948) Feb 1 1963	95 —
2½s (2nd 1948) Aug 1 1963	94 —
2¼s (1st 1949) Feb 15 1963-64	94½ to 87½
2¼s (2nd 1949) Dec 1 1963-64	93 to 86¼
3½s (1st 1953) May 1 1963-68	95½ to 66
3¾s series A (1st 1954) Jan 1 1964-1969	92½ to 64
3s series B (1954 No 1) Jan 1 1964-1969	89 to 60
3s (1954 No 2) Oct 1 1963-1969	95¼ to 57¼
3s (1955 No 1) Jan 1 1964-1970	89 to 55½
4⅝s (1956 No 1) July 1 1963-1971	96½ to 60
5⅛s (1956 No 2) May 1 1963-1971	98¾ to 65
Norfolk & Western Ry—	
3⅝s series A (1st & 2nd instal) Feb 1-Aug 1 1963-1972	99⅞ to 94¼
3½s series A (3rd instal) Feb 1-Aug 1 1963-1972	99⅝ to 93½
4¼s series B (3rd part) June 1-Dec 1 1963-1972	100⅝ to 98½
4¼s series B (3rd part) June 1-Dec 1 1963-1972	100⅛ to 99⅜
4⅜s series C (1st part) May 1-Nov 1 1963-1972	101 to 100⅜
3⅞s series C (2nd part) May 1-Nov 1 1963-1972	100¼ to 96⅛
3⅜s series C (3rd & final 1958) May 1-Nov 1 1963-1972	99½ to 91⅞
3¼s series D (1st installment) April 1-Oct 1 1963-1973	99¼ to 89⅞
3⅞s ser D (2nd & final inst) April 1-Oct 1 1963-1973	100¼ to 95½
4s series E (1st installment) April 1-Oct 1 1963-1973	100⅜ to 96⅝
3⅞s series E (2nd inst) April 1-Oct 1 1963-1973	100¼ to 95½
3⅞s ser F (1st installment) May 1-Nov 1 1963-1973	100¼ to 95½
4s series F (2nd inst) May 1-Nov 1 1963-1973	100⅜ to 96½
4⅛s series G (1st installment) April 1-Oct 1 1963-1974	100⅝ to 97⅝
4½s series G (2nd installment) April 1-Oct 1 1963-1974	101⅛ to 101⅛
4⅛s series H Aug 1 1963-1977	100⅝ to 98⅞
3⅞s series I Jan 1 1964-1978	100⅝ to 96⅛

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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	June 30, 1962 Bid Price
Northern Pacific Ry—	
2⅜s of 1949 March 15 1963-64	98⅞ to 97½
2⅜s (2nd 1949) Jun 15 1963-64	98⅝ to 97⅛
2⅛s (3rd 1949) Nov 1 1963-64	97¾ to 96⅛
2¾s of 1951 March 30 1963-66	99⅛ to 95⅜
3s (2nd 1951) Nov 30 1963-1966	98⅞ to 95¾
2⅞s of 1952 Dec 16 1963-1967	98¾ to 93⅞
2⅝s of 1954 May 14 1963-1969	99 to 90¼
2¾s (2nd 1954) Aug 10 1963-69	98¾ to 90⅝
2¾s of 1955 Jan 18 1963-1970	99¼ to 89¾
3s (2nd 1955) June 16 1963-70	99⅛ to 91
3s (3rd 1955) July 14 1963-1970	99⅛ to 90⅞
3¼s (4th 1955) Dec 20 1963-70	99¼ to 92¼
3⅛s of 1956 Feb 16 1963-1971	99⅜ to 91
3½s (2d 1956) July 12 1963-71	99⅝ to 93⅜
4⅜s of 1957 Jan 17 1963-1972	100⅛ to 99⅞
4½s (2nd 1957) Jun 12 1963-72	100½ to 100⅞
3⅞s of 1958 Jan 9 1963-1973	99⅞ to 95⅜
3⅝s (2nd 1958) May 8 1963-73	99¾ to 93⅛
4⅜s of 1959 March 12 1963-74	100¼ to 99½
4¾s (2nd 1959) July 30 '63-74	100⅞ to 102⅞
4⅞s of 1960 Jan 7 1963-1975	100⅜ to 104
4¼s (2nd 1960) Apr 28 1963-75	100¼ to 98⅜
3⅞s (3rd 1960) Sept 15 1963-75	100 to 94¾
4¼s of 1961 Aug 23 1963-1976	100⅜ to 98¼
3⅞s of 1962 June 15 1963-1977	100⅛ to 94¼
3⅞s of 1963 Jan 10 1964-1978	100⅝ to 98¾
Pennsylvania RR—	
2½s series T May 1 1963	98⅝ --
2⅜s (U 1st) July 1 1963	98¼ --
2½s (U 2nd) July 1 1963	98½ --
2½s series V Nov 1 1963	98½ --
2½s series W Nov 1 1963	98 --
2½s series X May 1 1963-1964	98⅝ to 97⅛
2¼s series Y Jan 1 1964-1965	97⅛ to 95⅜
2¼s (Z 1st) April 1 1963-1965	98⅝ to 95
2½s (Z 2nd) April 1 1963-65	98¾ to 95⅝
3s series AA (1st part) March 1 1963-1968	99⅛ to 92¾
3⅛s series AA (2nd part) March 1 1963-1968	99¼ to 93⅜
2¾s series BB Feb 1 1963-1969	99⅛ to 89⅞
2¾s series CC Feb 1 1963-1970	99⅛ to 88¼
3⅛s series DD Nov 1 1963-1970	98⅞ to 89⅞
3⅛s series EE Jan 1 1963-1971	99⅜ to 89⅜
3¼s series FF (1st instal) April 1-Oct 1 1963-1971	98⅞ to 89⅜
3¾s series FF (2nd instal) April 1-Oct 1 1963-1971	99⅝ to 93¼
4⅛s series GG Jan 1-July 1 1963-1972	100⅛ to 95⅞
3¾s series HH April 1-Oct 1 1963-1972	99⅝ to 92⅝
4¼s ser II June 1-Dec 1 '63-72	100⅜ to 96¾
4¼s of 1961 Aug 23 1963-1976	100⅞ to 97⅞
Peoria & Eastern Ry—	
2⅞s of 1950 Nov 15 1963-1965	98⅛ to 95⅝
Pittsburgh & Lake Erie RR—	
3s (2nd 1951) Nov 15 1963-1966	98⅞ to 95¾
2¾s of 1952 April 15 1963-1967	99¼ to 92¾
3s (2nd 1952) Aug 1 1963-1967	99⅛ to 94¾
3¼s of 1953 Sept 1 1963-1968	99¼ to 94⅝
3⅞s of 1956 Nov 15 1963-1971	100 to 96
3¾s of 1957 Feb 15 1963-1972	99¾ to 95
3⅝s (2nd 1957) Apr 15 1963-72	99¾ to 94
4¼s (3rd 1957) Aug 15 1963-72	100⅜ to 98⅞
4¼s (4th 1957) Nov 1 1963-72	100½ to 98⅞
3½s of 1958 Feb 1 1963-1973	99⅝ to 92¼
3s (2nd 1958) May 15 1963-73	99¼ to 87¾
4s (3rd 1958) Oct 15 1963-73	100¼ to 96¼
4¼s of 1959 May 1 1963-1974	100¼ to 98⅜
4⅝s (2nd 1959) Sept 15 '63-74	100⅞ to 101¾
4s of 1960 Oct 1 1963-1975	100¼ to 96
Reading Co—	
2⅛s series R April 15-Oct 15 1963-1965	97¼ to 93¼
2¼s series S June 15-Dec 15 1963-1965	97⅜ to 94⅛
2⅞s series T April 15-Oct 15 1963-1967	98⅜ to 92¾
3½s series U June 1-Dec 1 1963-1968	99¼ to 94½
3½s series V April 1-Oct 1 1963-1968	99⅜ to 94¾
2⅞s series W Feb 1-Aug 1 1963-1970	98⅜ to 88⅛
3¼s series X April 1-Oct 1 1963-1970	99 to 90⅝
3⅝s series Y (1st instal) May 15-Nov 15 1963-1971	99¼ to 92¼
4s series Y (2nd instal) May 15-Nov 15 1963-1971	100 to 95⅛
4⅛s series Z (1st instal) Jan 1-July 1 1963-1972	100⅛ to 95⅞
4¼s series Z (2nd instal) Jan 1-July 1 1963-1972	100¼ to 98⅞
St Louis Brownsville & Mex Ry—	
2⅜s series CC Aug 15 1963-1964	98¼ to 96½
2⅜s series DD April 1 1963-65	98⅝ to 95¼
2¾s series FF Mar 15 1963-69	99 to 89¼

	June 30, 1962 Bid Price
St Louis-San Francisco Ry—	
2¾s series A Jan 15 1963-	99⅛ --
2⅝s series B Aug 15 1963	98½ --
2½s series C Nov 1 1963	98⅛ --
2½s series D March 15 1963-64	98⅞ to 97½
2¼s series E Dec 1 1963-1964	97¾ to 96⅛
2¼s series F May 1 1963-1965	98½ to 95⅛
2⅜s series H Dec 1 1963-1965	97⅞ to 94⅝
2⅞s series I Aug 1 1963-1966	98⅞ to 95⅛
3⅛s series J Dec 15 1963-1966	98⅞ to 95⅞
2⅞s series K Dec 1 1963-1967	98½ to 93⅜
3⅜s series L June 1 1963-1968	99⅜ to 95
3s series M Jan 1 1963-1969	99⅜ to 91⅞
Seaboard Air Line Ry—	
2⅝s series D Sept 1 1963	98⅝ --
2¼s series E Jan 1 1964	97⅞ --
2⅜s series F June 1 1963-1964	98⅝ to 97¼
2⅛s series G April 1 1963-1965	98⅝ to 95⅛
2⅜s series H Sept 1 1963-1965	98⅜ to 95¼
2½s series I Feb 1 1963-1966	99⅛ to 94¾
2¾s series J April 1-Oct 1 1963-1966	98½ to 94⅝
3s series K May 15-Nov 15 1963-1966	98¾ to 95½
2⅞s series L and M June 1-Dec 1 1962-1967	98½ to 93⅝
3s series N May 15-Nov 15 1963-1968	98¾ to 92⅞
2⅝s series O June 1-Dec 1 1963-1969	98⅛ to 90⅝
3s series P Nov 1 1963-1970	99 to 90¾
2⅞s series P (2d) Nov 1 '63-70	98¾ to 89⅞
3¾s series Q (1st instal) Oct 1 1963-1971	99⅞ to 95¼
4s series Q (2nd instal) Oct 1 1963-1971	100¼ to 97⅛
4¼s series R (1st & 2nd instal) Aug 1 1963-1972	100⅜ to 98⅞
3⅜s series R (3rd & final) Aug 1 1963-1972	99½ to 91½
4½s series S 1st & 2nd instal Jun 1 '63-74	100½ to 100¾
4⅝s series T May 1 1963-1975	100½ to 101¾
4⅛s series U Aug 1 1963-75	100¼ to 97⅛
4s series V Feb 1 1963-1977	100⅛ to 98¼
4s series V (2nd part) Feb 1 1963-1977	100 to 96
Southern Pacific Co—	
2⅜s series AA April 1 1963-1964	98⅞ to 97½
2⅜s series BB July 1 1963-1964	98½ to 97⅛
2⅛s series CC Nov 1 1963-1964	97¾ to 96⅛
2⅛s series DD Jan 1 1964-1965	97⅜ to 95½
2⅞s series EE April 1 1963-1966	99¼ to 95⅞
3⅛s series FF July 1 1963-1966	99¼ to 96½
2¾s series GG Sept 1 1963-1966	98¾ to 95
3⅛s series II May 1 1963	99⅜ --
3⅝s series JJ July 1 1963-1968	99¾ to 96¾
3⅜s series KK Sept 1 1963-1968	99½ to 95⅜
3s series LL Nov 1 1963-1968	99 to 93⅛
2¾s series MM Jan 1 1964-1969	98¼ to 91¼
2⅝s series NN April 1 1963-69	99 to 90¼
2⅝s series OO Sept 1 1963-1969	98⅝ to 89¾
2¾s series PP Dec 1 1963-1969	98½ to 90¼
2⅞s series QQ Mar 1 1963-1970	99¼ to 90½
3⅛s series RR Sept 1 1963-1970	99¼ to 91¾
3¼s series SS Jan 1 1964-1971	99½ to 92
3½s series TT May 1 1963-1971	99⅝ to 93½
3⅝s series UU Aug 1 1963-1971	99¾ to 94⅜
4s series VV Nov 1 1963-1971	101¼ to 97⅛
4¼s series WW Jan 1 1964-1972	100½ to 99
4½s series XX Jun 1 1963-1972	100½ to 101
4½s series YY Aug 1 1963-1972	100⅝ to 101
4½s series ZZ Oct 1 1963-1972	100⅞ to 101
3½s series No 1 Dec 1 1963-72	99⅝ to 92⅝
3¼s series No 2 Mar 1 1963-73	99½ to 90
4⅛s series No 3 Feb 1 1963-74	100 to 97⅜
4¼s series No 4 Mar 1 1963-74	100⅛ to 98⅜
4⅝s series No 5 June 1 1963-74	100⅝ to 101⅞
4⅜s series No 6 Aug 1 1963-74	100½ to 99½
4⅞s series No 7 Nov 1 1963-74	101¼ to 104
4¾s series No 8 Feb 1 1963-75	100⅜ to 102⅞
4¼s series No 9 June 1 1963-75	100¼ to 98⅜
4⅛s series No. 10 Aug 1 1963-75	100¼ to 97⅛
4¼s series No 11 Feb 1 1963-76	100⅛ to 98¼
4s series No 12 Mar 1 1963-1976	100 to 96
4¼s series No 13 Jun 1 1963-76	100¼ to 98¼
4⅞s series No 14 Dec 1 1963-76	100⅝ to 98¼
4⅜s series No 15 Feb 1 1963-77	100⅛ to 99½
4s series No 16 Mar 1 1963-1977	100 to 95⅞
4s series No 17 June 1 1963-1974	100⅝ to 97⅞
3⅞s series No 18 Sep 1 1963-'77	100½ to 97¾
Southern Ry—	
2⅜s series QQ April 1-Oct 1 1963-1964	98 to 96½
2½s series RR June 15-Dec. 15 1963-1964	97⅞ to 96½
2⅞s series SS March 15-Sept 15 1963-1967	98¾ to 93¾
3s series TT Feb 1-Aug 1 1963-1968	98⅞ to 93⅛
4⅛s series UU (1st instal) Jan 15-July 15 1963-1967	100⅜ to 99⅞
3¾s series UU (2nd instal) Jan 15-July 15 1963-1967	99⅞ to 98
4¼s series VV (1st instal) April 15-Oct 15 1963-1976	100⅝ to 98¼
4⅛s series WW (2nd inst)— April 15-Oct 15 1963-1976	100½ to 97¼
4s series WW April 16-Oct 16 1963-1977	100¼ to 95⅝
4¼s series YY Jan 2-July 2 1963-1977	100¾ to 98⅞
4⅛s series YY (2nd instal) Jan 2-July 2 1963-1977	101⅛ to 101⅛

	June 30, 1962 Bid Price
Spokane Portland & Seattle Ry—	
2⅜s of 1949 April 1 1963-1964	98⅞ to 97⅜
3¾s of 1957 April 1-Oct 1 '63-72	100 to 94¾
Texas & Pacific Ry—	
2⅛s series P Jan 1 1964-1965	97¼ to 95
3s series R Jan 1 1964-1966	98½ to 96⅛
3s series S April 1 1963-1968	99¼ to 93⅛
3⅞s series T April 1 1963-1969	99¾ to 96⅜
4½s series U May 1 1963-1975	100⅜ to 99¾
Virginian Ry—	
2⅝s series B July 1 1963-1967	98⅞ to 93⅜
2⅞s series C Feb 1 1963-1968	99⅜ to 93⅝
2¾s series D Feb 1 1963-1969	99¼ to 91¾
3¾s series E Oct 1 1963-1971	100 to 96
3¾s series F (1st instal) April 15 1963-1972	99⅞ to 95⅜
Wabash Ry—	
2¼s (1st B) March 1 1963-1964	98¾ to 97⅛
2s (2nd B) March 1 1963-1964	98⅝ to 96¾
1⅞s (3rd pt) Mar 1 1963-1964	98½ to 96½
2⅛s (1st C) June 1 1963-1965	98¼ to 94⅝
2⅜s (2nd C) June 1 1963-1965	98½ to 95¼
2¾s series D Jan 1-July 1 1963-1968	98½ to 91⅜
3⅛s series E Sept 1 1963-1968	99 to 93⅜
2¾s series F May 1 1963-1970	98⅞ to 88⅜
3s series G April 1 1963-1971	99⅛ to 89
4s series H (1st instal) Jan 15 1963-1972	99⅞ to 95⅞
4½s series H (2nd instal) Jan 15 1963-1972	100⅛ to 99¾
4¼s series I Oct 1 1963-1972	100⅜ to 97¾
4⅞s series J Sept 1 1963-1974	100 to 103⅛
Western Maryland Ry—	
2¼s series N March 15 1963-65	98¾ to 95½
2⅜s series O Oct 31 1963-1965	99⅛ to 95
3s series P July 1 1963-1966	99⅛ to 96
3⅜s series Q June 15 1963-1968	99½ to 95⅜
3s series R Dec 15 1963-1968	98⅞ to 93
3⅜s series S June 1 1963-1971	99½ to 92⅝
3⅞s series T Oct 1 1963-1971	100 to 96⅛
3¾s series U May 1 1963-1972	99¾ to 95
4½s series V July 15 1963-1975	100⅝ to 100⅝
Wisconsin Central Ry—	
4s series D June 1 Dec 1 1963-1968	99¾ to 96⅞
4⅞s ser E Apr 1-Oct 1 1963-72	101 to 100¾
4¾s series F April 1-Oct 1 1963-1973	100⅝ to 99¾

OVER-THE-COUNTER RAILROAD STOCKS

Value as of Dec. 31, 1962

	Par	Bid	Ask
Akron Canton & Youngstown	*	36	39
Alabama Great Southern—			
Ordinary	50	72	75
6% participating preferred	50	72	75
Albany & Vermont gtd	100	44	48
Atlanta & West Point	100	43	47
Certificates or participating		1	3
Baltimore & Cumberland Valley RR Extension Co guaranteed	50	52	55
Bessemer and Lake Erie RR—			
$1.50 preferred	50	36	37
$3 preferred	50	71	75
Boston & Albany (gtd N Y C)	100	135	--
Central RR Co of N J	50	21½	23
Chicago Burlington & Quincy	100	133	143
Cincinnati Inter-Terminal—			
4% preferred gtd	100	78	--
Cinc New Orl & Texas Pacific—			
Common	20	86	91
5% preferred	100	96	100
Clearfield & Mahoning gtd	50	46	50
Cleve Cinc Chicago & St Louis—			
Common gtd	100	145	155
5% non-cum preferred gtd	100	72	76
Colorado & Southern common	100	16	--
Consol Rys of Cuba 6% pfd	100	2½	3¼
Cuba RR 6% non-cum pfd	100	1¼	1¾
Dayton & Michigan common gtd	50	27	30
8% preferred gtd	50	64	67
Delaware & Bound Brook gtd	25	32	34
Delaware (gtd Penn)	25	35	37
Detroit Manufacturers gtd	100	60	--
Dover & Rockaway gtd	100	67	73
East Pennsylvania gtd	50	44	47
Elmira & Williamsport com gtd	50	34	37
Preferred gtd	50	53	56
Erie & Kalamazoo gtd	50	41	44
First RR & Banking	1	10	11
Ft Dodge Des Moines & Sth Ry	10	4¼	4⅝
Fort Wayne & Jackson RR—			
5½% preferred gtd	100	83	86
Genesee & Wyoming	100	175	190
Green Bay & Western	100	71	75
Hudson & Manhattan RR Co—			
Class B	10	46	48½

*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 DECEMBER 31, 1962

Stocks—	Par	Bid	Ask
Kalamazoo Allegan & Grand Rapids RR	100	82	86
Kan Okla & Gulf Ry 6% pfd A	100	80	90
Lake Superior & Ishpeming	20	19	21
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	530	550
5% pfd (gtd N Y Central)	50	45	50
Maine Central common	100	29	31
5% preferred	100	92	--
Massawippi Valley gtd	100	100	103
Michigan Central gtd	100	650	750
Mississippi Central	100	5	7
Missouri Pacific RR Co—			
Reorganization issues—			
Class B	*	300	330
Mobile & Birmingham—			
4% non-cum preferred gtd	100	70	73
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	20	23
North Carolina (gtd Sou RR)	100	137	143
Northern RR of N H gtd	100	67	71
Norwich & Worcester pfd gtd	100	15	25
Ontario & Quebec gtd	100	100	104
Peoria & Bureau Valley gtd	100	90	--
Philadelphia Germantown & Norristown RR gtd	50	82	86
Phila & Trenton (gtd Pa RR)	100	170	180
Piedmont & Northern	100	118	121
Pittsburgh Fort Wayne & Chicago com gtd	100	120	125
Pittsfield & North Adams gtd	100	65	70
Providence & Worcester gtd	100	37	43
Richmond Fredericksburg & Potomac RR common	25	100	--
Dividend obligations	25	100	--
6% guaranteed	25	100	--
7% guaranteed	25	100	--
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	n130	150
Saratoga & Schenectady gtd	100	93	98
Stony Brook gtd	100	65	68
Tennessee Ala & Georgia vtc	5	20	22
Tennessee Central Ry common	5	28	30
7% convertible preferred	100	65	75
Texas & Pacific Ry	100	79	82
Troy & Gr'bush (gtd N Y Cent)	50	43	46
Vermont & Mass gtd	100	69	73
Wabash RR common	*	70	--
Ware River RR	100	105	110
West Jersey & Seashore gtd	50	43	46
Western Maryland RR—			
7% 1st preferred	40	55	65
5% 1st preferred	12	9	13
Western Ry of Alabama	100	60	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	52,500	40,000	54,000
N Y Cocoa Exchange	183	5,200	4,000	9,500
Commodity Exchange	408	900	600	975
N Y Coffee Sug Exch	337	750	750	850
N Y Cotton Exchange	450	1,200	800	1,500
N Y Mercantile Exch	401	5,000	3,500	5,100
N Y Produce Exch	545	1,500	2,000	3,000
N Y Stock Exchange	1,366	185,000	170,000	180,000
Boston Stock Exch	97	1,900	1,000	1,800
Canadian Stock Exch	96	r11,000	----	10,500
Chicago Bd of Trade	1,402	8,850	----	8,900
Chicago Merc Exch	500	4,400	4,200	4,400
Cincinnati Stock Exch—				
Regular membership	12	8,000	----	----
Limited membership	10	1,000	----	1,000
Detroit Stock Exch	50	2,350	----	----
Kans City (Bd of Tr)	211	4,000	----	4,150
Memphis Cotton Exch	175	5,500	----	----
Midwest Stock Exch	400	10,000	----	13,000
Minn Grain Exchange	488	50	----	100
Montreal Stock Exch	78	r40,000	----	----
New Orl Cotton Exch	480	1,040	1,000	1,100
Pacific Coast Stk Ex				
Los Angeles division	80	10,000	5,000	10,000
San Fran division	80	6,900	----	7,000
Phila-Balt-Wash—				
Stock exchange	201	8,000	6,000	9,000
Phila Commodity Ex				
Regular membership	15	100	----	----
Asso (transferable)	31	25	----	----
Pittsburgh Stock Ex	59	700	----	----
Salt Lake Stock Exch	42	1,000	600	800
Spokane Stock Exch	113	----	250	500
Toronto Stock Exch	113	r101,000	75,000	100,000
Winnipeg Grain Exch	440	r525	----	400

* No par value. ‡ 499 regular members and 340 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 DECEMBER 31, 1962

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	91¼	--
1st mtge 3½s ser C 1971 A-O	93¾	--
Alabama Power Co—		
1st mtge 3¼s 1977 A-O	84½	95¾
1st mtge 3⅜s 1978 J-D	90	--
1st mtge 3¼s 1981 M-S	87½	--
1st mtge 3⅜s 1982 A-O	85½	--
1st mtge 4⅛s 1983 M-N	95⅜	--
1st mtge 3½s 1985 J-D	85⅝	--
1st mtge 3½s 1986 M-S	85	--
1st mtge 4⅝s 1987 M-N	101¼	--
1st mtge 3⅞s 1988 J-J	90⅛	--
1st mtge 4⅞s 1989 M-N	104⅞	--
1st mtge 5s 1990 A-O	101	103
1st mtge 4½s 1991 M-S	99	--
1st mtge 4⅜s 1992 J-D	96⅞	--
Albia Light & Ry 4s 1971 J-J	72	--
American Gas & Elec 3⅜s '77 J-D	88½	--
American Telephone & Teleg—		
2¾s debentures 1970 J-D	91	--
32 year 4¾s debs 1992 M-N	105¼	105⅝
37 year 4¾s debs 1998 J-D	106½	--
32 year 4⅝s debs 1994 F-A	104¾	106¾
34 year 4⅜s debs 1996 A-O	101¾	102
Appalachian Electric Power—		
1st mtge 3⅛s 1977 J-D	85¾	86¾
1st mtge 2⅞s 1980 M-S	81½	--
1st mtge 3¾s 1981 J-D	91¾	--
1st mtge 3½s 1982 A-O	88	--
1st mtge 3½s 1983 J-D	87½	--
1st mtge 4⅝s 1987 M-S	102⅜	--
Appalachian Power Co—		
1st mtge 4s 1988 M-N	93	--
1st mtge 4⅜s 1992 A-O	101	101¾
Debentures 4⅝s 1992 A-O	103¼	104
Arkansas Louisiana Gas Co—		
1st mtge 5⅛s 1979 J-D	94¾	--
Arkansas Power & Light—		
1st mtge 3⅛s 1974 A-O	89½	--
1st mtge 2⅞s 1977 J-J	85½	--
1st mtge 3⅛s 1978 F-A	87½	--
1st mtge 2⅞s 1979 A-O	83½	--
1st mtge 2⅞s 1980 J-D	83½	--
1st mtge 3⅝s 1981 A-O	92	--
1st mtge 3½s 1982 M-S	90	--
1st mtge 3¼s 1984 F-A	82¾	--
1st mtge 3⅜s 1985 A-O	83⅞	--
1st mtge 5⅝s 1989 J-D	--	104
3⅜s s f debentures 1974 M-S	92	--
1st mtge 4⅞s 1991 M-N	105	--
Associated Telephone Co Ltd—		
1st 3⅛s series D 1977 M-N	85⅝	--
1st 2⅞s series F 1979 M-N	81¼	--
1st mtge 3⅝s series G 1981 A-O	91½	--
1st mtge 3¾s series H 1982 A-O	90½	--
Atlanta Gas Light Co 3s 1963 M-S	99¼	--
1st mtge 4s 1981 J-J	94¼	--
1st mtge 5⅛s 1982 A-O	--	103½
1st mtge 5⅛s 1985 J-D	--	104½
4¾s debentures 1982 F-A	102½	--
Atlantic City El 2⅞ ser A '80 M-N	82	--
1st mtge 3s 1984 M-S	79¾	--
1st mtge 3¼s 1985 M-S	82⅞	--
1st mtge 4½s 1987 J-J	103	--
1st mtge 3⅞s 1988 A-O	91⅛	--
1st mtge 4½s 1991 M-S	100⅛	--
1st mortgage 4½s 1992 J-J	--	101⅝
Baltimore Gas & Electric Co—		
1st & ref mtge 4⅞s 1980 J-D	106½	--
4⅞s sf debentures 1986 J-D	107¼	--
1st & ref mtge 4⅜s 1992 J-J	103	103⅜
Baltimore Transit Co—		
Debs 4s series A 1975 J-J	f78	--
Debs 5s series A 1975 J-J	f88	--
Bell Telephone of Canada—		
3s series E 1977 M-S	77	79
3¼s series F 1973 F-A	84	86
4½s series J 1967 J-D	97	98
3¾s series K 1979 M-N	83	85
4s series L 1970 J-D	91½	93½
4s series M 1981 J-D	83	85
6¼s series R Jan 2 1978	97¾	99
6s series U Jan 2 1986	96¼	97¼
Bell Telep Co of Pennsylvania—		
3s debentures 1974 A-O	88¼	--
3¼s debentures 1996 M-S	78¾	--
3¾s debentures 1989 F-A	89¼	--
4¾s debentures 2001 M-N	105¾	106½
Birmingham Elec Co 3s 1974 F-A	87	--
Blackstone Val G & E 3s '73 M-N	88	--
1st mtge & coll tr 4⅛s 1983 M-S	93	--
Boston Edison Co—		
1st mtge 2¾s ser B 1980 A-O	80⅛	--
1st mtge 3⅛s ser D 1982 J-J	83½	--
1st mtge 3s ser E 1984 F-A	83½	--
1st mtge 4⅝s ser F 1987 J-D	103¼	--
1st mtge 4¼s ser H 1992 J-D	100¾	101
Brazilian Traction Light & Power 4½s 1971 M-S	60	64
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	92	93½
3¾s series D 1969 F-A	90½	91½
4¼s series K 1981 F-A	84	--
5s series L 1982 F-A	93	94
5⅛s series M 1988 J-J	93	94½
5½s series N 1989 M-S	97½	98½
5¾s series A 1977 A-O	100	101½
Brockton Edison Co—		
1st M & coll tr 3s 1978 M-S	84½	--
1st M & coll tr 3⅜s 1985 J-D	84½	--
1st M & coll tr 4⅝s 1987 M-S	102	--
1st M & coll tr 5¼s 1989 A-O	--	106½
California Electric Power—		
1st mtge 3s 1978 J-D	83½	--
1st mtge 2⅞s 1980 J-D	80½	--
1st mortgage 3¼s 1984 M-N	82¾	--
1st mortgage 3⅝s 1985 M-S	87¾	--
1st mortgage 4½s 1986 A-O	99¾	--
1st mortgage 4⅝s 1987 A-O	101⅜	--
1st mtge 4½s 1988 M-S	99¼	--
1st mtge 5⅛s 1990 M-N	103	--
1st mtge 5s 1991 J-J	--	106¾
California-Oregon Power—		
1st mtge 3⅛s 1974 M-N	88¼	--
1st mtge 3⅛s 1978 A-O	84¾	--
1st mtge 2⅞s 1979 F-A	81¼	--
1st mtge 3⅝s 1981 J-D	89½	--
1st mtge 3⅜s 1982 A-O	89	--
1st mtge 3¼s 1984 M-S	85½	--
1st mtge 3⅞s 1986 M-N	90⅝	--
1st mtge 5⅛s 1987 A-O	--	106¾
California-Pacific Utilities—		
1st 3¼s series B 1971 F-A	91½	--
California Water Service—		
1st mtge 3¼s ser C 1975 M-N	88⅝	--
Cambridge Electric Light Co—		
2⅞s notes series A 1974 A-O	84¼	--
3⅞s notes series B 1988 J-J	91¼	--
Canada Electric Co Ltd—		
1st s f 3½s series A 1967 F-A	91	--
1st 4s series B 1968 F-A	90½	--
Gen s f 4½s series B 1972 M-N	88¾	--
Carolina Pwr & Light 2⅞s '81 F-A	80½	--
1st mtge 3½s 1982 A-O	87⅞	--
1st mtge 4⅛s 1988 M-S	94⅞	--
1st mtge 4½s 1991 M-N	103¼	104
1st mtge 4⅞s 1990 A-O	106⅛	--
Cascade Natural Gas Corp—		
5½s subord debs 1983 M-N	100½	--
Central Electric & Gas Co—		
4¾s conv subord debs 1973 M-N	162	--
5s conv subord debs 1975 J-J	142	--
Central Hudson Gas & El Corp—		
1st mtge 4⅛s 1988 M-N	93¾	--
Central Illinois Elec & Gas Co—		
1st mtge 3s 1975 F-A	86¾	--
1st mtge 3⅜s 1985 J-D	84⅝	--
1st mtge 5s 1990 J-J	106½	--
Central Illinois Light Co—		
1st mtge 2⅝s 1979 J-D	79½	--
1st mtge 4⅝s 1987 J-J	102⅝	--
1st mtge 4s 1988 J-J	93	--
4⅞s 1st mtge 1990 M-S	106	--
Central Illinois Public Service—		
1st mtge 3⅜s series A 1971 A-O	93½	--
1st mtge 3⅜s series B 1977 M-S	89¼	--
1st mtge 3⅛s series C 1979 J-J	85⅛	--
1st mtge 3⅜s series D 1982 F-A	86⅜	--
1st mtge 3½s ser E 1982 M-S	87¾	--
1st mtge 3¼s series F 1984 J-D	83½	--
1st mtge 4⅛s ser G 1988 F-A	95	--
1st mtge 4¾s ser H 1989 J-J	104¼	--
2⅞s s f debs 1970 J-D	90	--
Central Indiana Gas 2⅞s 1971 M-N	89½	--
Central Louisiana Electric Co—		
1st mtge 5⅛s series I 1989 A-O	--	106
Central Maine Power Co—		
1st & gen mtge bonds—		
3½s series L 1970 A-O	94¼	--
3½s series M 1972 M-S	93	--
2¾s series N 1976 M-N	82⅞	--
3⅛s series Q 1978 J-D	85	--
3s series R 1979 M-S	82¾	--
2⅞s series S 1979 M-N	81¼	--
3⅝s series T 1981 M-N	89½	--
3⅝s series U 1983 M-S	88½	--
3⅜s series V 1985 A-O	83¾	--
4⅞s series W 1987 M-N	105	--
5¼s series X 1990 M-N	103	104¼
Central Power & Light Co—		
1st mtge 3⅛s series A 1973 M-N	89½	--
1st mtge 3¼s series B 1977 A-O	87⅞	--
1st mtge 3s series C 1980 M-N	82⅞	--
1st mtge 3½s series D 1982 M-S	88	--
1st mtge 3⅛s series F 1984 A-O	81½	--
1st mtge 3¼s series G 1986 F-A	82½	--
1st mtge 4s series H 1988 F-A	93	--
1st mtge 4¾s series I 1989 A-O	104½	--
S f debs 2⅞s 1974 J-D	86	--
Central Telephone Co—		
5½s conv subord debs 1972 J-J	185	--
Cent Vermont Public Serv Corp—		
1st mtge 2¾s series D 1975 F-A	83¾	--
1st mtge 2⅞s series F 1980 M-N	80½	--
1st mtge 3½s series G 1981 F-A	87⅝	--
1st mtge 3⅜s series H 1982 M-N	85½	--
1st mtge 3¼s series K 1984 J-D	82¾	--
Charleston Cons Ry Gas & Elec—		
Consol gold 5s 1999 M-S	102	--
Ches & Potomac Telep Co of Balt City 3¼s debs 1995 F-A	78⅞	--
4⅛s debentures 1993 J-D	94	--
5¼s debentures 1996 J-J	--	98
4⅜s debentures 1998 F-A	97½	--
Ches & Potomac Tele Co of W Va—		
5s debentures 2000 M-S	104½	105½
Chesapeake Utilities Corp—		
6s debentures 1983 J-J	93	97
Cincinnati Gas & Electric—		
1st mtge 5s 1990 M-N	103½	104½
1st mtge 4⅜s 1992 J-D	101¾	102½
Cincinnati & Suburban Bell Telep—		
4½s debentures 1993 A-O	100½	--
4⅜s debentures 2002 F-A	101½	102¼
Cincinnati Transit Co—		
4½s cum inc debs March 1998	71	75
Citizens Utilities Co 3½s 1972 M-S	93	--
Cleveland Electric Illuminating—		
All bonds listed NYSE		
Colorado Interstate Gas Co—		
1st mtge pipe line 3.35s 1974	90½	--
1st mtge pipe line 4.70s 1979 M-S	103½	104¼
Columbia Gas System Inc—		
5⅛s debentures 1986 J-D	104	105
4½s debentures 1987 J-D	102¼	102¾
4⅝s debentures 1987 F-A	103½	104
4⅜s debentures 1987 M-N	99¾	100
All other issues listed NYSE		
Columbus & Sou Ohio Electric—		
1st mtge 3¼s 1981 M-S	84½	--
1st mtge 3¼s 1984 A-O	82¾	--
1st mtge 4⅛s 1988 J-J	93¾	--
1st mtge 4⅜s 1992 M-N	98½	--
Commonwealth Edison Co—		
1st mtge 3¼s series O 1982 J-J	85¼	--
1st mtge 3s series Q 1984 M-N	80¾	--
1st mtge 3½s series R 1986 J-D	85⅝	--
1st mtge 4¼s series S 1987 M-S	97⅝	--
1st mtge 3¾s series T 1988 M-S	93¼	93¾
1st mtge 4⅝s series U 1990 M-S	102⅞	--
3⅛s s f debentures 2004 A-O	79	--
3⅞s s f debentures 2008 J-J	94	--
4⅝s s f debentures 2009 J-J	100⅛	--
4¾s s f debentures 2011 J-D	105	105¾
Community Public Service Co—		
5⅜s series E 1987 J-D	--	105
1st mtge 5¼s ser F 1991 J-D	102	104
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	91¾	--
1st & ref 4⅞s ser P 1990 F-A	104¼	105¼
Consolidated Edison Co of NY—		
1st & ref 4⅜s ser △ 1992 J-D	86½	--
All other bonds listed NYSE		
Consumers Power Co		
1st mtge 2⅞s 1977 M-S	87	--
1st mtge 3⅛s 1981 A-O	82½	--
1st mtge 3¼s 1987 A-O	81	--
1st mtge 3s 1984 J-D	81	--
1st mtge 3¼s 1990 F-A	94¼	--
1st mtge 4s 1986 F-A	91	--
Dallas Power & Light—		
3⅛s s f debs 1973 A-O	84½	--
1st mtge 2⅞s 1979 A-O	91	--
1st mtge 3½s 1983 M-S	91	--
3¼s s f debentures 1980 F-A	88½	--
1st mtge 3⅛s 1986 F-A	84½	--
1st mtge 4¼s 1986 J-D	100	--
1st mtge 5¼s 1989 J-D	106	--
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	f25	28
Detroit Edison Co—		
All bonds listed NYSE		
Diamond State Telephone Co—		
4¾s debentures 1994 A-O	104½	--
Duke Power Co 2⅞s 1979 F-A	82⅜	--
1st & ref mtge 3¼s 1981 A-O	86	--
1st & ref mtge 3s 1975 J-J	87⅜	--
1st & ref 3⅝s 1986 M-N	92	--
4⅞s s f debentures 1982 M-S	104½	105¼
1st & ref M 4½s 1992 F-A	103¼	105
1st & ref M 4¼s ser B 1992 F-A	100⅞	101
Duquesne Light Co—		
All bonds listed NYSE		
East Kootenay Power Co.—		
3¾s series A 1967 M-N	93	--
East Tennessee Natural Gas—		
5s conv debs 1968 M-N	101	--
Eastern Gas & Fuel Assoc—		
1st mtge & coll tr 3¾s 1974 M-S	93¼	--
Eastern Lt & Pow 4s A 1965 J-J	96½	--
Eastern Utilities Associates—		
Coll trust 3⅝s 1979 J-D	89¼	--
Elizabethtown Water Co—		
4⅞s debentures 1992 F-A	105	--
El Paso Electric Co 2¾s 1976 A-O	83½	--
1st mtge 3⅛s 1984 M-S	81½	--
1st mtge 4¼s 1988 J-J	96¾	--
4½s s f debentures 1978 J-J	100¾	--
1st mtge 4⅝s 1992 F-A	102½	--
El Paso Natural Gas Co—		
5¼s conv debs 1977 M-S	103½	106
Emp Dist Electric Co 3½s 1969 M-S	95	--
Equitable Gas Co 3¼s 1973 J-J	90¼	--
3⅜s s f debs 1970 M-S	93⅜	--
Fall River El Lt 3¾s 1983 J-J	90¼	--
1st mtge & coll tr 4⅜s 1988 A-O	97⅜	--
Florida Power Corp 3⅜s 1974 J-J	91	--
1st mtge 3¼s 1978 M-N	87¼	--
1st mtge 3⅜s 1982 M-N	86¼	--
1st mtge 3⅛s 1984 J-J	81⅝	--
1st mtge 3⅞s 1986 J-J	91½	--
1st mtge 4⅛s 1988 J-J	95	--
1st mtge 4¾s 1990 A-O	104¾	105½
1st mtge 4¼s 1992 M-N	100¼	100¾
Florida Power & Light Co—		
1st mtge 3½s 1974 J-J	92¼	--
3¼s s f debs 1972 J-J	91⅛	--
1st mtge 3⅞s 1983 A-O	92½	--
1st mtge 3⅛s 1984 M-N	81½	--
1st mtge 4⅜s 1986 J-D	98⅞	--
1st mtge 4⅛s 1988 A-O	95	--
1st mtge 5s 1989 J-D	--	106
1st mtge 4½s 1992 F-A	103¾	104½
Florida Water & Utilities Co—		
5½s conv subord debs 1982 F-A	99½	101½
Fort Worth Transit 4½s 1973 J-J	90	--

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 DECEMBER 31, 1962

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

Bonds—	Bid	Ask
Gatineau Power Co—		
1st mtge 3s series C 1970 J-D	89	90
3¼s series D 1970 J-D	80½	82½
General Telephone & Electronics—		
4⅞s sf debentures 1987	103¾	104¾
General Telephone Co of Calif—		
4½s series J 1986 M-S	102	--
1st mtge 5s series K 1987 J-D	103	--
1st mtge 4⅛s series L 1988 M-S	93¾	--
1st mtge 5s series M 1989 J-D	98	104⅝
1st mtge 4⅝s series N 1991 J-D	101	--
General Telephone Co of Florida—		
1st mtge 5s series G 1990 M-S	--	104¾
1st mtge 4⅝s series H 1991 M-N	101	--
Georgia Power Co—		
1st mortgage 3⅜s 1977 J-D	91	--
1st mortgage 2⅞s 1980 A-O	80½	--
1st mortgage 3½s 1981 J-D	87¾	--
1st mortgage 3⅜s 1982 J-J	85½	--
1st mortgage 3⅛s 1984 A-O	84	--
1st mortgage 3⅜s 1985 M-N	90¾	--
1st mortgage 3⅝s 1986 A-O	86⅞	--
1st mortgage 5¼s 1987 J-D	--	106¼
1st mortgage 4⅛s 1988 M-S	93⅝	--
1st mortgage 5¾s 1989 M-S	--	106½
1st mortgage 4⅞s 1990 M-N	105	--
1st mortgage 4⅝s 1991 A-O	101¼	--
1st mortgage 4⅜s 1992 M-N	100⅞	101¼
Gulf Power 1st 3⅛s 1971 M-S	91	--
1st mtge 3¼s 1984 J-J	82¾	--
1st mtge 4s 1988 F-A	91¼	--
1st mtge 4¾s 1989 A-O	103	--
1st mtge 5s 1990 J-J	--	105¾
Gulf States Utilities Co—		
1st mtge 4s 1988 M-N	92¾	--
1st mtge 4¾s 1989 J-J	104⅝	--
1st mtge 4⅞s 1990 J-J	106¼	--
1st mtge 5¼s ser A 1989 J-D	104¾	--
4⅝s debentures 1981 A-O	102¼	--
1st mtge 4⅜s 1992 M-N	--	101½
Hackensack Water Co—		
3½s s f debs 1985 J-D	85⅝	--
Hartford Elec Lgt 3¼s 1971 M-S	91⅝	--
1st mtge 4⅜s ser E 1988 A-O	97⅛	--
Hawaiian Electric Co Ltd—		
4.70s series J 1987 M-S	102½	--
4.65s series L 1991 A-O	101⅜	--
Houston Lighting & Power—		
1st mtge 2⅞s 1974 M-N	86½	--
1st mtge 3¼s 1986 M-S	82¼	--
1st mtge 4⅛s 1989 F-A	106¼	--
1st mtge 4½s 1992 F-A	103½	104½
Idaho Power Co 3¼s 1981 A-O	84½	--
1st mtge 4½s 1987 J-J	102	--
4¼s s f debs 1983 A-O	95½	--
1st mtge 4½s 1988 A-O	99¼	--
1st mtge 5s 1989 M-N	--	105¾
1st mtge 4⅞s 1990 M-N	104⅞	--
1st mtge 4½s 1991 M-N	98½	--
Illinois Bell Telephone Co—		
1st mtge 3⅛s ser C 1984 A-O	82½	--
1st mortgage 3¼s ser D 1995 J-J	79	--
1st mtge 4¼s ser E 1988 M-S	97¼	--
1st mtge 4⅜s ser F 1994 M-S	98½	--
1st mtge 4⅞s ser G 1997 J-J	105	--
Illinois Power Co—		
1st mtge 2⅞s 1976 M-S	84⅝	--
S f debs 2¾s 1966 M-S	94⅝	--
1st mtge 3⅛s 1978 F-A	86	--
1st mtge 2⅞s 1979 J-J	82¼	--
1st mtge 2¾s 1980 A-O	79¾	--
1st mtge 3½s 1982 M-S	88	--
1st mtge 3½s 1983 M-N	90¾	91¾
1st mtge 3¾s 1986 J-J	89⅞	--
1st mtge 4s 1988 M-N	92⅞	--
Indiana Assoc Tel 3s 1975 M-N	86	--
Indiana Gas & Water Co—		
1st mtge 2⅞s ser A 1980 M-S	80½	--
Indiana & Michigan Electric Co—		
1st mtge 3s 1978 M-S	86½	--
1st mortgage 2¾s 1980 J-D	82	--
1st mortgage 3¼s 1982 J-J	87¾	--
1st mortgage 3⅝s 1983 M-S	92½	--
1st mortgage 3⅛s 1984 A-O	85	--
1st mtge 3⅞s 1988 F-A	95¼	--
1st mtge 4¾s 1988 M-N	105¼	--
5⅛s sf debentures 1986 J-D	104½	106½
Indianapolis Power & Light—		
1st mtge 3s 1974 A-O	87½	--
1st mtge 2⅞s 1979 A-O	82	--
1st mtge 3⅝s 1983 M-S	89	--
1st mtge 3⅝s 1986 J-D	88	--
1st mtge 4⅛s 1988 M-S	94⅞	--
1st mtge 4⅝s 1990 A-O	102⅜	--
Indianapolis Rys 5s 1967 J-J	92	--
Inland Natural Gas—		
5½s series A 1977	90	92
Intermountain Gas Co—		
6s subord intrim notes '62 ws J-J	f48	--
6s subord debs 1982 J-D	99	101
5¾s subord debs 1987 A-O	66½	69
Interprovincial Pipe Line—		
1st coll trust 3½s 1970 J-J	96	97½
Interstate Power Co—		
1st mtge 3½s 1982 J-J	87¼	--
1st mtge 5s 1987 M-N	104½	--
1st mtge 4⅞s 1991 M-N	105	--
Iowa Illinois Gas & Elec Co—		
1st mtge 2¾s 1977 M-S	82½	--
1st mtge 2¾s 1979 A-O	80⅞	--
3¼ conv debs 1968 M-S	--	141
1st mtge 5s 1990 A-O	--	105⅜
1st mtge 4⅞s 1991 M-N	106⅛	--
Iowa Power & Light Co—		
1st mtge 3¼s 1973 F-A	90⅝	--
1st mtge 3s 1978 F-A	84½	--
1st mtge 2¾s 1979 J-D	80⅞	--
1st mtge 3¼s 1982 M-N	84½	--
1st mtge 3⅜s 1983 J-D	85¾	--
1st mtge 3⅝s 1986 J-D	87⅞	--
1st mtge 3⅝s 1988 J-J	87¼	--
1st mtge 4⅝s 1991 J-J	102⅛	--
Iowa Public Service Co (Del)—		
1st mtge 2¾s 1976 J-D	82⅞	--
1st mtge 3¼s 1978 M-N	86¼	--
1st mtge 2¾s 1975 J-D	83¾	--
1st mtge 3½s 1981 J-J	87¾	--
1st mtge 3s 1984 M-N	79¼	--
1st mtge 4¼s 1988 M-S	95½	--
Iowa Southern Util 3⅞s 1983 F-A	92⅛	--
1st mtge 4⅝s 1992 M-S	--	100
Jacksonville Coach Co 5s 1971 J-J	92	96
Jacksonville (Fla) Gas 4s 1969 J-D	--	92
Jamaica Water Supply Co—		
1st mtge 2⅞s ser C 1975 M-S	85	--
Jersey Central Pow & Lt Corp—		
1st mtge 3¼s 1984 J-D	82¾	--
1st mtge 3½s 1985 M-N	85⅝	--
1st mtge 4⅛s 1986 F-A	94¼	--
1st mtge 5s 1987 J-J	--	103
1st mtge 5¼s 1989 J-J	104	--
1st mtge 5⅜s 1990 J-D	--	107⅞
1st mtge 4⅜s 1992 M-N	--	101¼
Kansas City Power & Light—		
1st mtge 3¼s 1983 J-J	85¾	--
1st mtge 3¼s 1985 F-A	83¾	--
1st mtge 5s 1990 J-J	105	--
Kansas Gas & Electric Co—		
1st mtge 3⅜s 1982 J-D	86¼	--
1st mtge 3⅛s 1978 M-S	85⅞	--
1st mtge 3⅝s 1983 A-O	89½	--
1st mtge 3⅜s 1985 M-S	84¾	--
1st mtge 3⅜s 1986 F-A	84¼	--
1st mtge 4⅝s 1991 J-J	102⅛	--
Kansas-Neb Nat Gas 3⅜s '65 A-O	98⅞	--
Kansas Pwr & Lt 2⅞s 1979 A-O	81	--
Kentucky-Ohio Gas Co 2s 1973 J-D	f15	--
Kentucky Utilities Co—		
1st mtge 3s ser A 1977 M-N	84⅜	--
1st mtge 3¼s ser B 1979 J-J	85¾	--
1st mtge 2⅞s ser C 1980 J-J	80½	--
1st mtge 3½s ser D 1982 J-D	87⅛	--
1st mtge 3⅞s ser E 1983 A-O	91⅞	--
1st mtge 3⅜s ser F 1985 A-O	83¾	--
1st mtge 3¾s ser G 1986 A-O	88¾	--
Kentucky & West Va Power Co—		
1st mtge 3s 1979 M-N	82¾	--
Kings County Lighting—		
3⅛s 1975 F-A	87½	--
Laclede Gas Co deb 3⅜s '74 M-S	89¾	--
1st mtge 3¼s 1979 J-D	85¾	--
1st mtge 4⅞s 1982 M-N	105⅛	--
1st mtge 4⅞s 1985 J-J	105¼	--
Laclede Gas Light Co—		
1st s f 3½s 1965 F-A	98	--
Lake Superior District Power—		
1st mtge 3s ser A 1975 A-O	86⅛	--
1st mtge 2¾s ser C 1980 J-J	79⅛	--
1st mtge 3¼s ser D 1981 M-S	84½	--
1st mtge 3¾s ser E 1983 M-S	90¼	--
Long Island Lighting Co—		
1st mtge 3⅜s series E 1982 A-O	85¾	--
1st mtge 3½s series F 1983 M-S	86¾	--
1st mtge 3¼s series G 1984 J-D	85½	--
1st mtge 3⅜s series H 1985 M-N	83⅞	--
1st mtge 4¾s series I 1986 J-D	103⅜	--
1st mtge 4⅛s series J 1988 M-N	97	--
1st mtge 5¼s ser K 1989 J-J	--	106¾
1st mtge 5s ser L 1991 F-A	106½	--
Louisiana Gas Service Co.—		
1st mtge 4½s 1987 J-D	98	--
Louisiana Power & Light Co—		
1st mortgage 3s 1974 A-O	87	--
1st mortgage 3⅛s 1978 M-S	84⅞	--
1st mortgage 3s 1980 M-N	82	--
1st mortgage 3⅛s 1984 A-O	84	--
1st mortgage 4¾s 1987 J-J	103	--
1st mortgage 5s 1990 A-O	101	103
Louisville Gas & Electric Co—		
All bonds listed NYSE		
Lower St Lawrence Power—		
1st ref 3¾s series B 1965 M-S	93	--
Maclaren-Quebec Power 3s '69 M-N	87	--
Madison Gas & El Co 2½s '76 J-J	80	80¾
1st mortgage 2⅝s 1979 M-N	79½	--
1st mortgage 4⅝s 1988 A-O	104	--
Maine Public Service Co—		
1st mtge & coll tr 2⅞s 1975 A-O	84	--
Majestic Utilities 6s conv sub debs	180	--
Massachusetts Electric Co—		
1st mtge 5s ser F 1991 J-J	104½	--
1st mtge 4⅜s ser G 1992 M-S	102	102⅜
Meridionale Electric Co—		
7s series A 1957 A-O	175	--
Merrimack-Essex Electric Co—		
4½s 1st mtge series C 1988 M-N	102½	--
Metropolitan Edison Co—		
1st mortgage 3s 1977 M-S	85¼	--
1st mortgage 3s 1978 M-S	84½	--
1st mortgage 3¼s 1982 M-S	84¾	--
1st mortgage 3⅛s 1984 A-O	81½	--
1st mortgage 4⅞s 1987 J-D	106¼	--
1st mortgage 5s 1990 M-N	--	104½
1st mortgage 4⅜s 1992 J-D	102⅛	102⅜
Mexican Light & Power Co—		
Extended 5s series A 1975 F-A	82	83½
Income deb stock 5½s	59	63
Michigan Bell Telephone Co—		
4¾s debentures 1992 M-N	105¾	106¼
4⅞s debentures 1994 F-A	106⅝	--
4⅝s debentures 1996 F-A	104½	105¼
Michigan Consolidated Gas—		
1st mortgage 3s 1975 M-N	88	--
1st mortgage 3½s 1976 F-A	90¼	--
1st mortgage 3⅜s 1979 J-J	90	--
1st mortgage 3½s 1980 M-N	88⅛	--
1st mortgage 6¼s 1982 J-J	106¼	--
1st mortgage 5⅛s 1986 J-D	--	104¾
Michigan Wisconsin Pipe Line Co—		
1st mtge pipe line 6¼s 1977 J-D	106	106⅞
1st mtge pipe line 5⅞s 1980 J-D	105	107
1st mtge pipe line 5½s 1981 J-D	105¾	106½
Mid-America Pipeline Co—		
6½s subord debs 1980 M-S	103	105
Midwestern Gas Transmission Co—		
1st M pipe line 5¾s '80 ww J-D	103½	--
Milwaukee Gas Light Co—		
1st 3⅛s 1975 M-N	87⅜	--
3⅜s s f debs 1970 M-N	93½	--
1st mtge 4⅛s 1981 J-D	95	--
1st mtge 5⅛s 1985 M-N	103	105
1st mtge 4⅝s 1987 M-N	--	101⅞
Minnesota Power & Light Co—		
1st mtge 3⅛s 1975 M-S	87¼	--
1st mtge 3⅝s 1981 J-J	89¼	--
1st mtge 4¾s 1987 M-S	103¼	--
Mississippi Power Co—		
1st 3⅛s 1971 M-S	91⅛	--
1st mtge 2⅞s 1977 F-A	83	--
1st mtge 2¾s 1980 M-S	79⅛	--
1st mtge 3½s 1981 F-A	87⅝	--
1st mtge 3⅜s 1986 M-S	83⅛	--
1st mtge 4⅝s 1987 A-O	101⅜	--
1st mtge 5⅛s 1989 J-J	--	105⅛
1st mortgage 5s 1990 M-S	--	104½
1st mortgage 4½s 1992 A-O	--	101⅝
Mississippi Power & Light—		
1st mtge 3⅛s 1974 M-S	88⅛	--
1st mtge 2⅞s 1977 J-D	83	--
1st mtge 3⅛s 1979 J-J	84⅜	--
1st mtge 2⅞s 1980 J-D	80¾	--
1st mtge 3⅝s 1983 M-S	88½	--
1st mtge 4⅛s 1988 A-O	93¾	--
Missouri Power & Light Co—		
1st 2¾s 1976 J-J	82⅞	--
1st 2¾s 1979 M-N	79½	--
1st mtge 3¼s 1984 J-J	82⅝	--
1st mtge 4½s 1992 J-J	--	101⅛
Monongahela Power Co—		
1st mtge 3s 1975 F-A	86¾	--
1st mtge 3s 1977 M-S	85½	--
1st mtge 3⅛s 1979 F-A	85⅛	--
1st mtge 3⅜s 1981 A-O	87⅛	--
1st mtge 3⅝s 1983 J-D	89¼	--
1st mtge 4¾s 1984 A-O	104¼	--
Montana-Dakota Utilities—		
1st mtge 3s 1965 A-O	96	--
1st mtge 3⅝s 1976 A-O	92	--
1st mtge 3⅜s 1975 M-S	90⅜	--
1st mtge 3½s 1979 M-S	89¼	--
1st mtge 5⅛s 1983 J-D	--	105½
1st mtge 4½s s f 1982 J-D	100.7	--
1st mortgage 4½s 1987 J-D	100⅞	101⅛
Montana Power 2⅞s 1975 A-O	85½	--
1st mtge 3⅛s 1984 M-N	81½	--
3¼s s f debentures 1979 M-N	85¾	--
1st mtge 4½s 1989 A-O	100½	--
Mountain Fuel Supply Co—		
3½s debentures 1971 A-O	93¾	--
3⅛s debentures 1974 J-D	88¼	--
4s debentures 1983 J-D	93½	--
4⅞s debentures 1986 M-S	105	--
Mountain States Tel & Tel—		
3s debentures 1989 F-A	77⅜	--
3½s debentures 1990 J-J	85	--
4⅜s debentures 1988 F-A	99¼	--
5s debentures 2000 A-O	104¼	105¼
4½s debentures 2002 J-D	98⅞	--
Mystic Valley Gas Co—		
1st mtge 3⅝s ser A 1974 F-A	92⅛	--
1st mtge 6s series B 1977 M-N	--	106⅝
Narragansett Electric Co—		
1st mtge 3s series A 1974 M-S	87	--
1st mtge 3s series B 1978 M-N	83⅜	--
1st mtge 3⅜s series C 1982 M-S	85	--
1st mtge 3½s series D 1983 M-S	86⅜	--
1st mtge 3½s series E 1986 M-S	84¾	--
National Fuel Gas 3s debs '73 J-J	88½	--
3¼s s f debentures 1977 M-N	87⅞	--
3¼s s f debentures 1979 A-O	86⅝	--
4⅞s s f debentures 1983 A-O	106	--
5⅛s s f debentures 1985 A-O	105½	--
4⅞s s f debentures 1986 M-N	104¾	105½
Natural Gas Pipeline Co of America 4¾s debs 1978 J-J	--	102¼
4⅝s 1st mtge pipe line 1978 M-N	101⅞	--
4⅝s 1st mtge pipe line 1979 A-O	102⅛	--
5s 1st mtge pipeline 1980 A-O	101	102
4¾s debentures 1981 M-N	101½	107¼
4⅝s 1st mtge pipeline 1982 J-J	102¾	103¾
New Bedford Gas & Edison Light Co 3% notes A 1973 M-N	88½	--
New England Electric System—		
3s debentures 1967 J-D	94⅛	--
3¼s debentures 1977 J-D	86	--
New England Gas & Elec Assn—		
4s series C 1971 M-S	96⅝	--
New England Power—		
1st mtge 3s series B 1978 J-J	84⅜	--
1st mtge 2¾s series C 1979 J-J	80⅞	--
1st mtge 2⅞s series D 1981 F-A	80½	--
1st mtge 3¼s series E 1982 J-D	84¾	--
1st mtge 3¼s series F 1985 J-J	82¾	--
1st mtge 4⅜s series G 1987 F-A	98¾	--
1st mtge 4s ser H 1988 J-D	93	--
1st mtge 4⅝s ser I 1991 M-N	102⅛	--
1st mtge 4⅜s ser J 1992 J-D	101⅞	102⅜
New England Tel & Tel—		
3¼s debentures 1977 J-D	88½	--
3⅛s debentures 1988 J-D	80	--
3¼s debentures 1991 M-N	82¼	--
4s debentures 1993 A-O	92⅛	--
4⅝s debentures 1999 A-O	101½	--
4½s debentures 2002 J-J	103½	104¼
New Jersey Bell Telephone—		
2¾s debentures 1990 M-S	73	--
3¼s debentures 1984 M-N	84¼	--
3s debentures 1989 M-N	77⅜	--
3⅜s debentures 1995 J-D	81	--
3⅞s debentures 1993 A-O	90¼	--
4⅞s debentures 2000 M-N	106	--

a Called for redemption, see page 94. ‡ Reported called for redemption at 100¾. 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 DECEMBER 31, 1962

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

Bonds—	Bid	Ask
New Jersey Natural Gas Co—		
5¼s conv debs 1970 J-D	156	--
New Jersey Power & Light—		
1st mtge 3s 1978 J-D	84½	--
1st mtge 2⅞s 1979 J-D	84	--
1st mtge 3⅛s 1984 F-A	81¾	--
1st mtge 4⅛s 1988 M-N	95	--
1st mtge 4⅞s 1990 J-J	106¼	--
New Orleans Pub Service Co—		
1st mtge 3⅛s 1974 J-J	89¾	--
1st mtge 3¼s 1978 A-O	86¼	--
1st mtge 4⅛s 1983 A-O	95¼	--
1st mtge 3¼s 1984 J-D	82¾	--
1st mtge 4½s 1987 A-O	99½	--
1st mtge 4½s 1992 A-O	99	--
1st mtge 5s 1991 J-D	101	102
N Y State Elec & Gas Corp—		
1st mtge 3s 1978 A-O	84⅜	--
1st mtge 3¼s 1984 M-N	83⅝	--
1st mtge 3⅜s 1985 M-S	84½	--
1st mtge 4⅝s 1987 M-N	102½	--
1st mtge 3⅞s 1988 F-A	91⅛	--
1st mtge 4⅝s 1991 M-N	102⅛	--
4½s s f debentures 1992 J-D	98¾	--
N Y Steam Corp 3½s 1963 J-J	99½	100
New York Telephone Co—		
Ref mtge 4⅝s series L 1997 A-O	101¾	--
Ref mtge 4⅝s series M 2002 J-J	104¼	105
Niagara Mohawk Power Corp—		
Gen mtge 3⅜s 1981 J-D	87	--
Gen mtge 3⅛s 1984 F-A	81¾	--
Gen mtge 3⅝s 1986 M-N	87⅞	--
Gen mtge 3⅞s 1988 J-D	95	95¾
Gen mtge 4¾s 1990 A-O	104½	105¼
Gen mtge 4½s 1991 M-N	103¼	104
North Carolina Natural Gas—		
6s conv 2nd mtge 1981 A-O	97	100
North Shore Gas Co (Mass)—		
1st 4s series B 1975 J-D	88	--
Northern Illinois Gas 3½s '79 J-J	88¾	--
1st mtge 3¾s 1981 A-O	91	--
1st mtge 5s 1984 J-D	--	106
1st mtge 4⅝s 1985 J-J	104	--
Northern Indiana Public Service—		
1st mtge 3⅛s series C 1973 F-A	89½	--
1st mtge 2⅞s series E 1980 M-S	81¼	--
1st mtge 4½s series J 1989 J-J	101	--
1st mtge 4⅞s series K 1990 F-A	103	--
1st mtge 4⅜s ser L 1992 M-S	97⅞	--
4s conv debs 1976 A-O	112	114
Northern Natural Gas Co—		
All bonds listed NYSE		
Northern Ontario Nat Gas—		
5¾s sub debs 1982 J-D	91¼	92¼
Northern Pennsylvania Power Co.—		
2¾s 1975 J-J	84⅜	--
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	--	104⅜
1st mtge 5⅛s 1986 J-J	--	99½
Northwestern Bell Telephone—		
4⅜s debentures 1989 M-N	99⅛	--
4⅞s debentures 1998 J-D	106¼	--
Northwestern Public Service—		
1st mtge 3s 1973 A-O	87¼	--
1st mtge 5¼s 1987 J-J	--	102½
Ohio Edison Company—		
1st mtge 3¼s 1984 J-J	83½	--
1st mtge 3¼s 1985 M-N	86½	--
1st mtge 4¼s 1988 M-S	96⅝	--
1st mtge 4½s 1989 M-S	100⅝	--
1st mtge 4¾s 1991 J-D	104⅛	--
Ohio Power Co—		
1st mtge 3⅜s 1981 A-O	87	--
1st mtge 3⅜s 1983 J-J	85⅝	--
1st mtge 3⅛s 1984 A-O	81½	--
1st mtge 3⅜s 1985 M-S	84½	--
1st mtge 4¼s 1986 M-N	97⅛	--
1st mtge 4⅞s 1987 M-N	106¼	--
1st mtge 4⅝s 1989 A-O	102½	--
Ohio Water Service		
6s conv subord debs 1977 A-O	128	--
Oklahoma Gas & Electric Co—		
All bonds listed NYSE		
Orange & Rockland Utilities—		
1st mtge 4½s ser F 1988 J-D	99¼	--
1st mtge 4⅞s ser G 1991 A-O	105	--
Otter Tail Power Co—		
5¼s conv debs 1967 M-N	164	--
1st mtge 4⅞s 1991 F-A	105	--
Pacific Gas & Electric Co—		
1st & ref mortgage		
4¼s series II 1995 J-D	--	100
All other bonds listed NYSE		
Pacific Gas Transmission—		
5½s conv debentures 1986 F-A	110	120
Pacific Lighting Gas Supply Co—		
Sink fd debs 5s ser A 1980 A-O	--	104½
Pacific Northwest Bell Telephone—		
4⅛s debentures 1994 M-N	100½	--
4⅜s debentures 2002 M-S	102⅜	102¾
Pacific Power & Light Co—		
1st mtge 3¼s 1977 J-J	86	--
1st mtge 3½s 1984 F-A	89	--
4¾s conv debs 1974	130	133
1st mtge 4¾s 1992 A-O	103	103½
1st mtge 5⅛s 1990 M-S	--	101½
1st mtge 4½s 1992 J-D	103	103½
Pacific Telephone & Telegraph—		
3¼s debentures 1979 M-N	87	--
3⅛s debentures 1989 M-N	79¼	--
5⅛s debentures 1980 F-A	106¾	107½
4⅝s debentures 1990 M-N	103⅛	--
5⅛s debentures 1993 F-A	105½	106½
Panhandle Eastern Pipe Line—		
3¼s s f debs 1973 F-A	90¼	--
2¾s debentures 1975 J-D	83¾	--
3⅛s debentures 1974 J-D	88¼	--
4⅜s debentures 1982 A-O	100⅞	--
Pennsylvania Electric Co—		
1st mtge 3⅜s 1972 J-J	92½	--
1st mtge 3⅛s 1973 M-S	89½	--
1st mtge 2¾s 1976 J-D	83⅜	--
1st mtge 2¾s 1979 M-N	80⅞	--
1st mtge 3⅜s 1982 F-A	86¼	--
1st mtge 4⅛s 1983 J-D	96	--
1st mtge 3⅛s 1984 M-S	85	--
1st mtge 3⅞s 1986 M-N	91⅝	--
1st mtge 4s 1988 M-S	93	--
1st mtge 5s 1989 F-A	--	106½
1st mortgage 5s 1990 M-N	--	107⅝
1st mtge 4⅝s 1991 M-N	102¼	--
5¼s debentures 1986 J-D	103	--
Pennsylvania Gas & Water Co—		
Quotes under old name of		
Scranton Spring Brook Water Ser		
Pennsylvania Power Co—		
1st mtge 2⅞s 1975 M-N	85½	--
1st mtge 2¾s 1980 M-S	79¾	--
1st mtge 3¼s 1982 F-A	84⅛	--
1st mtge 4⅜s 1992 M-S	101¾	102⅜
Pennsylvania Power & Light—		
1st mortgage 4⅝s 1991 J-D	102½	--
Pennsylvania Telep 2⅞s 1975 J-J	84⅞	--
Peoples Gas Light & Coke—		
1st & ref M 3¼s ser I 1979 J-J	85¾	--
1st & ref M 4⅝s ser J 1986 M-N	101½	--
Philadelphia Elec Pwr 2⅝s 1975 J-J	83	--
Philadelphia Suburban Water—		
1st mtge 4⅛s 1988 M-N	95¼	--
Philadelphia Transportation Co—		
Consol mtge 3-6s ser A 2039 J-J	71	73
1st & ref mtge 3¾s ser B '70 J-D	87	93
Pioneer Nat Gas debs 5½s '77 M-S	103	--
Pittsburgh Rys Co 5s 1970 J-J	97	99
Portland Gas & Coke Co—		
1st mtge 3⅛s 1976 J-J	82	--
1st mtge 4⅜s 1976 A-O	98⅜	--
Portland General Electric Co—		
1st mtge 3⅛s 1975 J-J	85	86½
1st mtge 3½s 1977 M-N	85⅝	--
Potomac Edison Co—		
1st mtge & coll tr 3s 1974 A-O	87	--
1st mtge & coll tr 3⅛s 1978 J-J	85	--
1st mtge & coll tr 3¼s 1977 J-D	87	--
1st mtge & coll tr 3⅜s 1981 A-O	86¼	--
1st mtge & coll tr 4⅝s 1987 M-N	101⅜	--
Potomac Electric Power Co—		
1st mtge 2¾s 1985 M-N	75⅝	--
1st mtge 3¼s 1987 M-S	82	--
1st mtge 3⅞s 1988 J-D	90¾	--
1st mtge 3⅜s 1990 J-D	80½	--
1st mtge 3⅜s 1991 J-D	86	--
1st mtge 4⅝s 1993 J-D	101⅞	--
1st mtge 5¼s 1994	--	107
1st mtge 5s 1995 J-D	104½	106
1st mtge 4⅝s 1982 J-D	102	--
Public Service Co of Colorado—		
1st mtge 2⅞s 1977 J-D	83¾	--
1st mtge 3⅛s 1978 A-O	85⅞	--
1st mtge 3¼s 1981 A-O	85½	--
1st mtge 3⅛s 1984 A-O	81¾	--
1st mtge 4⅜s 1987 M-N	98¾	--
1st mtge 4⅝s 1989 M-N	102½	--
1st mtge 4½s 1991 A-O	100⅛	--
Public Service Co of Indiana—		
1st mtge 3⅛s ser F 1975 M-S	87¾	--
1st mtge 3⅛s ser G 1977 M-N	86½	--
1st mtge 3s ser H 1979 J-J	84½	--
1st mtge 3⅜s ser J 1982 J-J	86¼	--
1st mtge 3⅜s ser K 1984 J-J	85⅛	--
1st mtge 4⅜s ser M 1989 F-A	98½	--
Public Service Co of N H—		
1st mtge 3¼s ser A 1973 J-J	90¼	--
1st mtge 3¼s ser C 1978 J-J	86¼	--
1st mtge 3¼s ser D 1978 A-O	86½	--
1st mtge 3s ser E 1979 J-D	82¾	--
1st mtge 3¼s ser H 1984 M-N	82¾	--
1st mtge 3⅞s ser I 1986 J-D	90⅝	--
1st mtge 4⅝s ser M 1992 J-J	100⅜	--
Public Service Co of Oklahoma—		
1st mtge 2¾s ser A 1975 J-J	84¼	--
1st mtge 2⅞s ser B 1978 F-A	83	--
1st mtge 3⅛s ser C 1981 A-O	87	--
1st mtge 3⅜s ser D 1983 M-S	85⅝	--
1st mtge 3s ser E 1984 F-A	79¾	--
1st mtge 4¼s ser F 1987 F-A	96⅞	--
1st mtge 3⅞s ser G 1988 M-N	91¼	--
1st mtge 5s series H 1990 F-A	102½	--
Pub Serv Coordinated Transport—		
1st & ref 4s 1990 J-J	93	--
1st & ref 5s 1990 J-J	104½	--
1st & ref 5¾s 1990 J-J	108	--
1st & ref 6s 1990 J-J	110	--
Public Service Elec & Gas Co—		
1st & ref M 2¾s 1980 M-N	79¾	--
1st & ref M 3¼s 1984 M-N	83½	--
1st & ref M 4⅜s 1986 M-N	99⅞	--
1st & ref M 4⅞s 1987 M-S	106	--
1st & ref M 4⅝s 1988 F-A	104	104½
1st & ref M 5⅛s 1989 J-D	105	106½
1st & ref M 4¾s 1990 M-S	105½	106¼
1st & ref M 4⅜s 1992 F-A	102⅜	102¾
4¾s debentures 1981 A-O	104	105
Puget Sound Power & Light—		
1st mortgage 4⅛s 1988 M-N	93⅝	--
5¼s debentures 1983 M-N	104	--
1st mtge 5½s 1989 M-N	--	106¾
1st mtge 5⅜s 1990 A-O	--	104¼
1st mtge 4⅝s 1991 F-A	101	--
Quebec Natural Gas Corp—		
5¾s subord debs 1985 A-O	77½	79½
Quebec Telephone Corp—		
1st 3½s series B 1967 F-A	92	--
1st 4s series C 1967 F-A	93	--
Rochester Gas & Electric Corp—		
1st mtge 3s series L 1979 M-S	83⅝	--
1st mtge 3⅜s ser N 1982 J-D	86¼	--
3⅜s series O 1985 M-S	88½	89½
1st mtge 4⅞s ser R 1987 J-J	106⅛	--
1st mtge 5s series S 1989 A-O	--	106
1st mtge 4½s ser T 1991 M-N	100⅛	--
Rochester Telephone Corp—		
1st mtge 2½s ser A 1981 A-O	75⅛	--
1st mtge 4¾s ser E 1993 M-S	102¾	--
4¾s debentures 1987 J-J	101½	--
Rockland Light & Power Co—		
1st mtge 3⅛s ser C 1978 J-D	84¾	--
1st mtge 3¾s ser D 1981	90⅞	--
1st mtge 3¾s ser E 1983 A-O	90	--
Saguenay Power 3s 1971 M-S	89	91
St Joseph Light & Power Co—		
1st mtge 2⅝s 1976 A-O	81½	--
1st 3s 1979 J-J	82¾	--
1st mtge 5s 1989 J-D	--	106
San Diego Gas & Electric Co—		
1st mtge 3⅜s 1970 J-J	94⅛	--
1st mtge 3s series C 1978 M-S	84½	--
1st mtge 3¼s ser D 1982 A-O	84¾	--
1st mtge 2⅞s ser E 1984 A-O	77⅞	--
1st mtge 3¼s ser F 1985 A-O	82½	--
1st mtge 4⅞s ser G 1987 A-O	106¼	--
1st mtge 4⅝s ser H 1990 A-O	102⅜	--
4⅝s s f debentures 1984 J-J	101⅛	--
Savannah Electric & Power Co—		
1st mtge 3¼s 1984 A-O	82¾	--
3⅜s debentures 1979 A-O	86	--
1st mtge 3⅞s 1986 M-N	90¾	--
1st mtge 5⅛s 1987 M-N	--	105½
1st mtge 5⅛s 1990 J-D	--	107½
5¼s debentures 1985 J-D	--	105½
Scranton Spring Brook Water Serv		
1st mtge 2⅞s 1976 M-S	84	--
5⅛s s f debs w w 1984 A-O	101	101½
Shawinigan Water & Power Co—		
1st & coll 3½s ser H 1970 J-J	82½	84½
1st & coll 3½s ser J 1970 F-A	82½	84½
1st & coll 3s series N 1971 M-N	79½	81½
1st & coll tr 3½s ser P 1973 A-O	79½	81½
4¾s 1976 series R A-O	86½	88½
5½s conv debs 1972 A-O	93	95
Sierra Pacific Power Co—		
1st mtge 3⅛s 1978 A-O	85	--
1st mtge 3⅜s 1984 M-N	84½	--
1st mtge 5¼s 1986 M-N	101	--
1st mtge 4½s 1988 A-O	99½	--
5⅝s debentures 1985 J-J	--	107¼
1st mtge 5s 1991 M-N	101	--
1st mtge 4⅞s 1992 J-D	104¼	--
South Carolina Elec & Gas Co—		
1st refunding 3s 1980 A-O	82	--
South Carolina Power Co—		
1st & ref 3s 1975 J-J	86⅛	--
South Jersey Gas Co 4⅛s 1977 A-O	96⅝	--
Southern Bell Tel & Tel—		
3⅛s debentures 1989 M-S	84½	--
3¼s debentures 1995 A-O	78¾	--
4s debentures 1983 A-O	97½	--
5s debentures 1986 J-D	104½	106½
4⅝s debentures 1993 J-D	104	104⅜
5s debentures 1997 J-D	105½	106¼
4⅜s debentures 1998 M-S	101½	102½
4⅜s debentures 2001 A-O	101⅞	102⅜
Southern Calif Edison Co—		
1st & ref 4¼s ser P 1987 M-N	100¼	--
All other bonds listed ASE		
and/or NYSE		
Southern California Gas Co—		
1st mortgage 2⅞s 1977 J-J	85	--
1st mortgage 3¼s 1978 M-N	88¾	--
1st mortgage 2⅞s 1980 J-D	83½	--
1st mtge 3½s series A 1982 A-O	90½	--
1st mtge 3⅞s series B 1981 J-D	96	--
1st mtge 5⅛s series C 1983 J-J	104½	--
1st mtge 5⅜s series D 1984 A-O	105¼	--
Southern Counties Gas (Calif)—		
1st mtge 3s 1977 M-S	85¾	--
1st mtge 3½s 1981 A-O	88½	--
1st mtge 3¼s ser A 1984 M-N	85¾	--
1st mtge 4s ser C 1983 M-N	96¼	--
1st mtge 4¾s ser D 1985 F-A	104	--
Southern Electric Generating—		
1st mtge 5¼s 1992 (1959 ser) J-D	105	106
1st mtge 5¼s 1992 (1960 ser) J-D	105	106
1st mtge 5¼s 1992 (1961 ser) J-D	105½	106
1st mtge 4⅜s June 1 1992	--	101¼
Southern Indiana Gas & Elec—		
1st mtge 3⅛s 1984 A-O	81½	--
Southern Natural Gas Co—		
1st mtge pipe line 3s 1968 J-D	93⅜	--
1st mtge pipe line 2⅞s 1970 J-D	90⅛	--
1st mtge pipe line 4s 1973 M-N	96⅝	--
1st mtge pipe line 3⅛s 1974 F-A	88⅜	--
4½s s f debentures 1978 J-J	99½	--
1st mtge pipe line 4¾s 1979 J-J	103¾	--
Southern Nevada Power Co—		
1st mtge 5¼s series D 1989 M-N	--	105
Southern New England Telephone—		
3¼s debentures 1985 J-J	83¾	--
3¼s debentures 1989 J-D	81½	--
4⅛s debentures 1991 M-S	94¾	--
4⅜s debentures 2001 J-D	101¾	102⅛
Southern Union Gas Co—		
4¼s s f debs 1976 M-N	98⅛	--
5½s s f debentures 1982 A-O	--	104¼
5½s s f debentures 1985 J-D	--	102½
Southwestern Bell Telephone—		
4¾s debentures 1992 A-O	105¾	106¼
4⅝s debentures 1995 F-A	103	--
4½s debentures 1997 F-A	103¾	104½
Southwestern Electric Power Co—		
1st mtge 5⅛s ser H 1989 M-N	--	105¾
Southwestern Gas & Electric Co—		
1st mtge 3⅛s ser B 1978 J-J	85¾	--
1st mtge 3s ser C 1979 J-D	83¾	--
1st mtge 2⅞s ser D 1980 J-D	81¼	--
1st mtge 3⅜s ser E 1982 M-S	86¼	--
1st mtge 3¼s ser F 1984 M-N	83½	--
1st mtge 4⅝s ser G 1987 J-J	103½	--

*Without par value. aCalled for redemption, see page 94. b Basis. 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 DECEMBER 31, 1962

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

Bonds—	Bid	Ask
Southwestern Public Service Co—		
1st mtge 3½s 1978 F-A	89¼	--
1st mtge 3.20s 1979 J-D	84½	--
1st mtge 3.35s 1981 F-A	86	--
Staten Island Edison 2⅞s 1979 M-N	82½	--
Tampa Electric Co—		
1st mtge 4¼s 1988 J-J	96¾	--
1st mtge 5s 1990 J-J	104	--
Tennessee Gas Transmission Co—		
1st mtge pipe line issues—		
2¾s April 1 1966	96½	--
3s Sept 1 1967	95½	--
3s Sept 1 1970	95	--
3⅛s Feb 1 1971	95	--
3½s Sept 1 1971	91	--
3⅝s June 1 1974	92	--
3½s Aug 1 1975	91½	--
3⅞s Feb 1 1976	93	--
4¾s Nov 1 1976	99	--
5¼s July 1 1977	102	103½
5¼s Nov 1 1979	102½	104
5⅜s Jan 1 1979	102½	104
Debenture issues—		
4¼s Sept 1 1974	94	--
4s April 1 1975	91	--
4½s Jan 1 1977	94	--
5s May 1 1978	99	101
5⅛s May 1 1981	99½	101½
5¼s Dec 1 1981	100½	--
5s April 1 1982	100	100½
5s Sept 1 1982	100	100½
6s Nov 1 1977	103½	--
Texas Eastern Transmission—		
1st mtge pipe line issues—		
4⅞s March 1 1977	100½	--
5⅝s Sept 1 1978	102	--
4⅞s April 1 1979	100½	--
4⅞s Dec 1 1981	100½	--
5s Jan 1 1981	102¼	--
Debenture issues—		
4⅜s March 1 1974	95	--
5½s Dec 1 1976	101	--
6s June 1 1977	103½	--
5⅜s Aug 1 1980	102¼	--
5⅜s Aug 1 1981	102¼	--
Texas Electric Service Co—		
3¼s s f debs 1973 A-O	90¾	--
1st mtge 2¾s 1975 M-S	84⅝	--
1st mtge 3⅜s 1981 J-D	87½	--
1st mtge 4¾s 1987 J-J	105⅛	--
1st mtge 3¼s 1982 M-N	85¼	--
1st mtge 4½s 1988 M-N	101¼	--
5¼s s f debentures 1985 F-A	--	107
Texas Gas Transmission Corp—		
5s debentures 1982 J-D	101	105
Texas Power & Light—		
1st mtge 2¾s 1975 M-N	86	--
1st mtge 3s 1977 A-O	87½	--
1st mtge 3s 1978 A-O	86½	--
S f deb 3¼s 1973 A-O	93½	--
1st mtge 3¼s 1982 A-O	87½	--
1st mtge 3⅛s 1984 A-O	85	--
1st s f debs 3⅜s 1977 A-O	91½	--
1st mtge 4⅜s 1986 M-N	101½	--
1st mtge 4½s 1988 J-D	103½	--
1st mtge 4½s 1991 J-J	103½	--
4⅝ s f debentures 1987 J-J	104	--
Toho Elec Power 7s 1955	n182	--
Toledo Edison Co—		
1st mtge 2⅞s 1977 A-O	83	--
Trans-Canada Pipe Line—		
5.60s Jan 1 1987	102¾	103¾
5.85s Jan 1 1987	91½	93
Transcontinental Gas Pipe Line—		
1st mtge 4⅝s 1978 J-D	101	--
1st mtge pipe line 5s 1977 A-O	--	101
6⅛s debentures 1978 M-N	104	105
1st mtge pipe line 5s 1979 F-A	102	--
1st mtge pipe line 5⅛s 1980 F-A	103	104
1st mtge pipe line 5¼s 1980 M-N	103½	104⅛
1st mtge pipe line 5s 1981 M-N	102	102¾
1st mtge pipe line 4⅞s 1982 M-N	104	--
5s debentures 1982 J-D	100	101
Transwestern Pipeline Co—		
5s subord debs 1969 (ex-stk) M-N	89½	90½
Union Electric Co of Missouri—		
1st mtge 4¾s 1990 M-S	104¼	--
1st mtge 3¾s 1986 J-J	8[illegible]	--
1st mtge 4⅜s 1988 M-S	[illegible]	--
1st mtge 4¾s 1990 M-S	105¾	106½
1st mtge 4¾s 1991 J-J	105½	106¼
Union Lt Heat & Pwr 5s 1989 J-J	--	105
United Gas Corp—		
All bonds listed NYSE		
United Gas Imprmt 3¼s 1966 J-J	96¾	--
1st mtge 3¼s 1979 J-J	85¾	--
1st mtge 4⅛s 1983 M-N	95¼	--
1st mtge 5⅛s 1984 J-D	101	--
Upper Peninsula Pwr 3¼s 1977 M-N	86	--
Utah Power & Light Co—		
1st mtge 2¾s 1976 M-N	82⅞	--
1st mtge 2⅞s 1980 A-O	80½	--
1st mtge 3⅝s 1981 A-O	89¼	--
1st mtge 3½s 1982 A-O	91	--
1st mtge 3¼s 1984 M-N	82¾	--
1st mtge 3⅝s 1985 M-S	87½	--
1st mtge 5¼s 1987 A-O	103½	--
1st mtge 4⅞s 1990 M-S	104⅝	--
1st mtge 4½s 1992 J-D	98⅞	--
Virginia Electric & Power—		
1st & ref 3⅛s ser K 1984 M-N	81⅝	--
1st & ref 3¼s ser L 1985 J-D	82⅞	--
1st & ref 4⅛s ser M 1986 A-O	95¼	--
1st & ref 4½s ser N 1987 J-D	104½	--
1st & ref 3⅞s ser O 1988 J-D	91⅛	--
1st & ref M 4⅝s ser P 1990 M-S	102¼	--
1st & ref 4⅞s ser Q 1991 J-D	106⅛	--
Washington Gas Light Co—		
Ref mtge 3½s 1976 J-J	90¼	--
Ref mtge 3½s 1980 J-D	88¼	--
Ref mtge 4⅞s 1986 M-N	105	--
Washington Water Power Co—		
1st mtge 3½s 1982 A-O	87¼	--
1st mtge 4⅞s 1987 J-J	105	--
1st mtge 4⅛s 1988 J-J	93½	--
1st mtge 4⅜s 1988 F-A	97¼	--
4½s s f debentures 1983 J-J	99	--
1st mtge 4¾s 1989 F-A	103	--
5⅝s s f debs 1985 M-S	--	105
1st mtge 5⅜s 1990 M-S	--	104⅞
West Penn Power—		
1st mtge 3s series L 1974 M-N	87½	--
1st mtge 3s series M 1978 M-S	84½	--
1st mtge 2⅞s ser N 1979 M-N	82¼	--
1st mtge 3¼s ser O 1982 A-O	84¾	--
1st mtge 3s series P 1984 A-O	79⅞	--
1st mtge 4⅞s series Q 1987 J-J	106¼	--
1st mtge 4½s ser S 1992 M-S	103	103¾
1st mtge 4⅜c ser T 1992 M-N	102⅛	102⅝
West Texas Utilities Co—		
1st mtge 3⅛s 1973 F-A	89¼	--
1st mtge 3s series B 1978 M-N	83½	--
1st mtge 3⅝s series C 1981 M-N	89⅜	--
1st mtge 3⅜s series D 1985 A-O	90¾	--
1st mtge 3⅞s series E 1988 J-J	89⅞	--
1st mtge 4⅝s series F 1991 F-A	101	--
Westcoast Transmission Co Ltd—		
Subordinate debentures		
5½s series A 1988 A-O	90	93½
5½s conv series C 1988 J-J	f94	96
Western Light & Telephone Co—		
1st mtge 3s series A 1975 J-J	86⅛	--
Western Massachusetts Electric Co		
1st mtge 3⅛s ser B 1984 A-O	81¾	--
4⅜s series C 1987 A-O	98¾	--
1st mtge 4⅜s ser E 1992 M-N	--	102½
Western Utilities Corp—		
5¼s conv debs 1975 A-O	129	--
Wisconsin Electric Power—		
1st mtge 2¾s 1980 J-D	79¾	--
1st mtge 3¼s 1982 M-N	84¾	--
1st mtge 3⅛s 1984 M-N	81½	--
1st mtge 3⅞s 1986 A-O	91½	--
1st mtge 4⅛s 1988 A-O	95	--
1st mtge 5s 1990 M-N	106¼	107
Wisconsin Michigan Power Co—		
1st mtge 3s 1978 A-O	83½	--
1st mtge 3⅝s 1981 A-O	89⅜	--
1st mtge 4¾s 1991 M-N	103	--
1st mtge 5⅜s 1989 M-N	104½	--
Wisconsin Natural Gas Co—		
1st mtge 2⅞s 1975 J-D	87	--
1st mtge 4¾s 1986 A-O	103¼	--
1st mtge 4⅜s 1987 M-N	--	101⅛
Wisconsin Power & Light—		
1st mtge 3¼s ser A 1971 F-A	92½	--
1st mtge 3⅛s ser B 1978 J-J	86	--
1st mtge 3⅛s ser C 1978 M-S	85¾	--
1st mtge 2⅞s ser D 1980 J-D	81¼	--
1st mtge 3⅜s ser E 1981 A-O	87	--
1st mtge 3¼s ser F 1982 A-O	84¾	--
1st mtge 3¼s ser H 1984 A-O	83½	--
1st mtge 4⅝s ser J 1989 M-S	102½	--
1st mtge 4¼s series K 1992 M-N	95¾	--
Wisconsin Public Service Corp—		
1st mtge 3s 1977 M-N	85	--
1st mtge 3⅛s 1978 F-A	85⅞	--
1st mtge 2⅞s 1979 M-S	82¼	--
1st mtge 2⅞s 1980 M-N	81⅝	--
1st mtge 3¼s 1984 A-O	83⅜	--
1st mtge 4⅜s 1987 J-D	98¾	--
1st mtge 5¼s 1989 M-N	--	105½
Wisconsin Telephone Co—		
4½s debentures 1992 J-J	100½	--
4⅞s debentures 1995 M-N	106⅜	--
4⅜s debentures 2002 M-N	102	102½
Wolverine Power 3-4½s 1979 J-D	f51	--
Worcester County Electric Co—		
1st mtge 3¼s ser B 1981 M-S	85½	--
1st mtge 3⅜s ser D 1985 A-O	84¾	--
Worcester Gas Light Co—		
1st s f 3¼s ser A 1969 F-A	94	--
1st s f 4s ser B 1973 M-S	96¾	--
1st mtge 5¼s series C 1979 J-D	--	108½

•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 DECEMBER 31, 1962

OVER-THE-COUNTER UTILITY STOCKS

Stocks—	Par	Bid	Ask
Alabama Gas Corp com "wts"		4½	4¾
$5.50 series A preferred w w	100	114	--
Without warrants		101	--
Alabama Power Co—			
4.60% preferred	100	101	103
4.92% preferred	100	104	--
Alabama-Tenn Natural Gas	1	24½	26
Allied Gas Co	5	30	32
American District Telegraph Co	*	98	103
Anglo Canadian Tel Co class A	10	53	54
Appalachian Power Co—			
4.50% s f preference	100	97½	99
Arizona Public Service Co—			
$1.10 preferred	25	21	--
$2.36 preferred	50	45¼	--
$2.40 preferred series A	50	51½	53
$2.50 preferred	50	48½	--
Arkansas Louisiana Gas—			
90c preferred	20	19	20
Arkansas Missouri Power Co	5	26⅝	28⅜
Arkansas Power & Light Co—			
4.32% preferred	100	96	--
5.48% preferred	100	106	--
Arkansas Western Gas	2.50	15⅞	17
Atlanta Gas Light Co—			
Common	5	24¼	25
4½% preferred	100	92	--
4.44% preferred	100	93	--
Atlantic City Electric Co—			
4.75% preferred	100	102	--
Atlantic City Sewerage	*	19	--
Atlantic Utilities Corp	1	7¾	8⅝
Aurora Corp (Illinois)	1	4⅛	4½
Baltimore Transit Co	1	7¾	8⅛
Bangor Hydro Electric Co—			
Common	5	21½	23
7% preferred	100	138	144
4% preferred	100	81	85
4¼% preferred	100	86	90
Barcelona Traction Light & Power Co Ltd ordinary	*	4	4½
Berkshire Gas Co	10	22¼	24⅛
Biddeford & Saco Water Co	25	24½	--
Black Hills Power & Light com	1	46¼	47
4.20% preferred	100	83½	85½
Blackstone Valley Gas & Elec—			
4¼% preferred	100	80	--
Boston Edison Co—			
4.25% preferred	100	95	--
4.78% preferred	100	106½	--
Bridgeport Gas Co common	*	36½	37½
Bridgeport Hydraulic Co	20	44¾	46¾
Brockton Taunton Gas Co com	10	28	30
$3.80 preferred	50	71	--
Buzzards Bay Gas—			
6% prior preferred	25	23½	--
Calgary Power Co	*	18½	19
Calif Interstate Telephone Co	5	23¼	24⅞
California-Pacific Utilities—			
Common	5	25	27
1st 5% preferred	20	18½	--
5% convertible preferred	20	33½	--
5.40% conv preferred	20	42½	--
California Water Service	12.50	27⅛	28¾
California Water & Telephone—			
Common	6.25	19⅛	19½
$1.20 preferred	25	21	--
$1.24 conv preferred	25	39	--
California Western Gas common	5c	1½	3½
$1.50 preferred	*	n17	20
Carolina Natural Gas Corp	1	5⅛	5⅜
Carolina Pipe Line Co	1	7¼	7¾
Carolina Power & Light Co—			
$4.20 preferred	*	93	--
Carolina Tel & Tel Co	20	48½	50½
Cascade Natural Gas Corp com	1	10⅜	11½
55c preferred	*	9¾	10
Central Hudson Gas & Electric—			
4½% preferred	100	91	--
4.75% preferred	100	92	--
Central Illinois Elec & Gas —			
Common	4	26⅜	26⅞
4.10% preferred series A	100	86	88
4¾% preferred series C	100	97	100
4.80% preferred series D	100	98	--
Central Illinois Light Co—			
4.64% preferred	100	103	104½
Central Illinois Pub Serv Co—			
4% preferred	100	85	87
4.92% preferred	100	101	104
Central Indiana Gas Co	5	21⅝	23
Central Louisiana Electric com	5	32¼	34¼
4½% preferred	100	90	--
Central Maine Power common	10	34⅝	35
3½% preferred	100	72	73½
4.60% convertible preferred	100	159½	--
6% preferred	100	117	--
Central Power & Light 4% pfd	100	85	--
Central Telephone Co common	10	30¼	32⅜
$1.35 preferred	*	26¼	26¾
$2.50 preferred series A	*	48	50
4.96% preferred	25	25¾	26¼
Central Vermont Pub Serv Co—			
Common	6	22½	22⅞
4.15% preferred	100	81	83
4¾% preferred	100	91	93
5.44% conv series A 2nd pfd	50	57	--
Central West Co	1	3½	6½
Chattanooga Gas Co	1	6⅝	7⅜
Chenango & Unadilla Telep	20	32½	--
Chesapeake Utilities	1.75	18	21
Cincinnati & Suburb Bell Telep	50	97	98½
Cincinnati Transit Co	12.50	8¼	8½
Citizens Utilities Co—			
Class A	16⅔c	21¼	23
Class B	16⅔c	21¾	23⅝
City Gas Co of Florida	1	16¾	17½
Colorado Interstate Gas Co com	5	38	40¼
5.35% preferred	100	103	--
Columbus & Southern Ohio Elec—			
4¼% preferred	100	85	--
4.65% preferred	100	100	--
Commonwealth Gas Corp	1	5	5¾
Commonwealth Natural Gas	5	29½	31
Commonwealth Telep Co (Pa)	10	23	24
Concord Electric Co	*	46½	--
Concord Natural Gas Corp	5	31	--
Connecticut Light & Power Co—			
Common	*	32¼	34⅛
$2.20 preferred	*	48½	--
$2.06 preferred series E	*	46	--
$2.04 preferred	*	45½	--
$2.00 preferred	*	43½	--
$1.90 preferred	*	42	--
Connecticut Ry & Lighting	5	3½	4½
Connecticut Water Co	*	20	20¾
Consumers Water Co	1	33	--
Continental Telephone Co	1	10	10⅜
Corning Natural Gas Corp	*	25½	28
Cumberland Gas Corp	1	6¾	9
Dallas Power & Light Co—			
$4 preferred	*	89½	--
4½% preferred	100	97	110
$4.24 preferred	*	94½	--
$4.80 preferred	*	104	--
Dallas Transit Co common	10	11½	--
7% preferred	100	95	--
Delaware Power & Light Co—			
3.70% preferred	100	75	--
4% preferred	100	81	--
4.20% preferred	100	85	--
4.28% preferred	100	87	--
4.56% preferred	100	95	--
5% preferred	100	105	--
Denver Tramway common	*	5	7
1st preferred	*	28½	--
Des Moines Transit Co	1	⅝	⅞
Detroit & Canada Tunnel	5	14½	16
Detroit International Bridge	1	18	18¾
Duke Power Co 5.36% pfd B	100	107	108
Duquesne Natural Gas common	1c	24c	29c
$1.50 convertible preferred	25	16	19
Eastern Utilities Associates	10	46	48⅜
Edison Sault Electric Co	5	17¼	18¼
El Paso Electric Co (Texas)—			
Common	*	26	27¾
$4.12 preferred	*	91	--
$4.50 preferred	*	94	--
$4.72 preferred	*	100	--
$5.36 preferred	*	105	--
El Paso Natural Gas Co—			
4.10% 1st preferred	100	n92	--
$5 conv 2nd pfd (1957 series)	*	96	97
5.36% preferred	100	n95	--
5½% preferred (series 1951)	100	100	--
5.50% preferred (series 1956)	100	100	--
5.65% preferred	100	n98½	--
5.68% preferred (1957 series)	100	n98½	--
6.40% pfd (2nd 1957 series)	100	104½	106½
Elizabeth Consolidated Gas	10	36	39⅝
Elizabethtown Water Co (N J)	*	25½	27¾
Empire & Bay States Tel gtd	100	55	--
Empire District Electric—			
4¾% preferred	100	96	--
Equitable Gas Co—			
4.36% convertible preferred	100	105	107
Ericsson (L M) Telephone—			
Class B	35 kr	26¾	27⅛
Essex Company	50	22½	--
Fall River Gas Co	10	35½	38
Fitchburg Gas & Electric Light	25	61	65
Florida Gas Co	1	12½	12¾
Florida Power Corp—			
4% preferred	100	85	87
4.58% preferred	100	n--	100
4.60% preferred	100	100	--
Florida Power & Light Co—			
4½% preferred	100	99	101
Florida Public Utilities com	3	23	25⅛
$1.12 convertible preference	20	23½	--
4¾% preferred	100	n85	--
Florida Telephone Corp class A	5	19¼	20
Florida Water & Utilities	1	8½	9
Fort Worth Transit Co	10	6½	--
Galveston-Houston Co	5	5	5¾
Gary Railways	1	3½	4
Gas Service Co	10	40⅛	42½
General Telephone & Electronics—			
4.25% convertible preferred	50	81	--
4.36% convertible preferred	50	56	57
4¾% conv preferred	50	213	--
5.28% convertible preferred	50	67	--
General Telephone Co of Calif—			
4½% preferred	20	19	19½
New 4½% preferred	20	19¼	19¾
5% preferred	20	20⅝	21⅛
5½% preferred	20	21	21½
General Telephone Co of Illinois—			
$2.375 preferred	*	48	50
General Telephone Co of Indiana—			
$2 preferred	*	40	--
$2.50 preferred	*	49	51
General Telephone Co of Iowa—			
5½% preferred	25	24	--
General Telep Co of Kentucky—			
5% preferred	50	48	--
5.20% preferred	100	103	--
General Telep Co of Michigan—			
$2.40 preferred	50	48½	--
$1.35 preferred	25	25¾	--
General Telephone Co of the Northwest 4.80% preferred	25	22	--
General Telephone of Ohio—			
$2.20 preferred	*	43	--
$1.40 preferred	*	25½	--
$1.25 preferred	*	24	--
General Telephone Co of Penn—			
$2.10 preferred	*	43½	44½
$2.25 preferred	*	47	48
General Telephone Co of the Southeast 5.80% preferred	25	26¼	--
General Telephone Co of the Southwest 5.10% preferred	20	20¼	20¾
5½% preferred	20	22	22¾
5.60% preferred	20	21	21¾
$2.20 preferred	*	43	--
General Telephone of Wisconsin—			
$5 preferred	100	101	--
$4.50 preferred	100	91	--
General Waterworks Corp com	1	25	27
5% preferred	100	94½	96½
5.10% preferred	100	94½	96½
$5 voting preferred	100	94½	95½
80c convertible 2nd preferred	1	25	--
$6 voting preferred	100	99½	--
Georgia Power Co—			
$4.60 preferred (1954 series)	*	97	100
$4.60 preferred (1962 series)	*	97½	--
$4.92 preferred	*	104	--
$4.96 preferred	*	105	--
$5 preferred	*	101	104
Gold & Stock Telephone gtd	100	172	182
Great Lakes Natural Gas Corp	50c	1	1¼
Green Mountain Power	3.33⅓	16⅞	17¼
Greenwich Gas Co common	*	12¾	13½
$1.50 preferred	*	25½	--
Gulf Cities Gas Corp class A	1	1¼	1½
Gulf Natural Gas Corp	1	n2½	3¼
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	52	--
Hartford Gas Co common	25	69½	72½
8% preferred	25	43	--
Haverhill Gas Co	10	33	36
Hawaiian Electric Co	6.66⅔	23⅛	23½
Hawaiian Telephone Co	5	18⅜	18¾
Holyoke Street Ry Co	10	7½	--
Holoyoke Water Power	10	49	52
Houston Lighting & Power—			
$4 preferred	*	85	--
Houston Natural Gas Corp			
Common	5	37½	40
5% preferred "$50 par"		50	--
5% preferred "$25 par"		25	--
5¼% convertible preference	100	270	--
Hugoton Gas Trust "units"		11⅛	12
Hugoton Production Co	1	42	42½
Idaho Power Co 4% pfd	100	85	86
Illinois Bell Telephone Co	20	69	71
Indiana Gas & Water Co	*	26¾	28⅜
Indiana & Michigan Electric—			
4⅛% preferred	100	89	92
Indiana Telephone Corp	*	40	43
Indianapolis Water Co	10	26½	28¾
Inter-County Tel & Tel com	4.16⅔	36½	38½
5% preferred series A	25	24	--
Intermountain Gas Co	1	17¾	18½
Inter-Mountain Telephone Co	10	21¼	22
$3 preferred		n49	50
Interstate Power Co—			
4.36% preferred	50	47	--
5½% preferred	50	53	--
Iowa Electric Light & Power Co—			
4.80% preferred	50	51	52½
Iowa-Illinois Gas & Electric—			
$4.36 preferred	100	95	--
$4.22 preferred	100	92	--
Iowa Power & Light Co—			
3.30% preferred	100	70	73
4.35% preferred	100	95	--
4.80% preferred	100	101	--

*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 DECEMBER 31, 1962

Stocks—	Par	Bid	Ask
Iowa Public Service Co (Iowa)—			
Common	5	25¼	26⅞
3¾% prefrred	100	81½	--
4.20% preferred	100	86½	--
Iowa Southern Utilities common	15	43⅞	44½
$1.76 convertible preferred	30	87½	--
Jamaica Water Supply common	*	63	67½
$5 preferred series A	*	93	--
Kansas Gas & Electric Co—			
4.28% preferrd series A	100	92	--
4.32% preferred	100	94	--
Kansas-Nebraska Natural Gas—			
Common	5	29½	30
$5 preferred	*	100	--
Kansas Power & Light Co—			
4½% preferred	100	98	--
5% preferred	100	100	--
Kentucky Utilities common	10	48⅜	48⅞
4¾% preferred	100	101	102½
La Crosse Telephone Corp	10	16½	18
Laclede Gas Co—			
5% preferred series B	25	25	27
Lake Superior Dist Power com	10	24⅝	25
5% preferred	100	101	103
Lawrence Gas Co	10	29	32
Lewiston Gas Light common	10	11¾	--
5% preferred	100	87½	--
Lincoln Tel & Tel Co common	25	81	--
5% preferred	100	104	--
5% conv preferred 2nd series	100	129¾	--
Louisiana Power & Light Co—			
4.16% preferred	100	89	--
4.44% preferred	100	98	--
4.96% preferred	100	103	--
Louisville Gas & Electric (Ky)—			
5% preferred	25	27½	28½
Lowell Gas Co	25	30	33
Lynn Gas Co	10	44	--
Madison Gas & Electric	8	32⅛	33⅞
Maine Public Service Co—			
4.75% preferred	50	45	--
Majestic Utilities	1	3	3⅜
Massachusetts Electric—			
4.44% preferred	100	96	--
4.76% preferred	100	104	--
Mexican Light & Power Co com	*	11¼	12⅝
$1 preferred	13.50	10½	11½
Michigan Gas & Electric com	10	78	81
4.40% preferred	100	91	94
Michigan Gas Utilities	2.50	18⅝	20
Mid-America Pipeline Co	*	17½	18
Mid-Continent Telephone Corp	*	16¾	17½
Middlesex Water Co common	*	29	31
7% preferred	100	125	--
Middle States Telephone Co of Illinois common	10	30½	32
5% preferred sreies C	20	20	20½
Minneapolis Gas Co common	1	39	41¾
5½% preferred	100	102	--
$5.10 1st preferred	100	98	--
5% preferred	100	97	--
Mississippi Power Co 4.60% pfd	100	95	--
Mississippi Power & Light Co—			
4.36% preferred	100	99	--
4.56% preferred	100	95½	97½
Mississippi Valley Gas Co	5	25⅛	26⅞
Missouri Natural Gas Co	2.50	15	15½
Missouri Power & Light Co—			
3.90% preferred	100	81	--
4.30% preferred	100	85	--
Missouri Public Service Co—			
4.30% preferred	100	86	--
5.52% preferred	100	104	--
Missouri Utilities Co common	1	24½	25
5% preferred new	100	94	--
5% preferred old	100	96½	--
Mobile Gas Service Corp com	5	25¾	26½
4.90% preferred	100	96	99
Monongahela Light & Power	50	45	--
Montana Dakota Utilities—			
4.50% preferred	100	92	95
$4.70 preferred	100	98	101
Montana Power Co—			
$6 preferred	*	116	--
$4.20 preferred	*	93½	95
Muscle Shoals Natural Gas	1	9	--
Narragansett Electric 4½% pfd	50	46½	49½
4.64% preferred	50	48	--
Natural Gas Pipe Line Co of America 5¾% preferred	100	105	106½
5½% preferred	100	104	--
5¼% preferred	100	103	--
Nevada Power Co—			
5.20% preferred	20	21½	--
5.40% preferred	20	20½	--
5½% preferred	20	21	--
New Bedford Gas & Edison Lt	25	112	--
New England Gas & Elec Assn	8	34½	37
New England Power Co 6% pfd	100	120	124
4.60% preferred	100	99	--
4.56% preferred	100	101½	102
New Haven Gas Co	25	43	45
New Haven Water Co	50	72½	73½
New Jersey Natural Gas common	5	35¾	38⅜
6% preferred	20	22	23
New Jersey Power & Light—			
4.05% preferred	100	84	--
New Orleans Public Service—			
4.36% preferred	100	93	--
4¾% preferred	100	98½	100½
Newport Electric Corp	10	30¼	32½
Newport Gas Light Co	*	12½	--
N Y State Electric & Gas—			
4.15% preferred series 1954	100	90	--
4.50% preferred	100	99	--
4½% preferred (1949 series)	100	99	--
Niagara Frontier Transit System	10	13	14½
North Carolina Nat Gas Corp	2.50	2⅜	2¾
North Carolina Telephone Co	1	1¼	1 7/16
North Florida Telephone Co—			
Class A	10	12½	--
North Penn Gas Co	5	10¾	11⅛
North Shore Gas (Mass)	10	25	--
North Shore Gas Co (Ill)	5	a35½	37½
Northern Illinois Gas Co com	5	58¼	58¾
5% preferred	100	106	--
5.50% preferred	100	107	--
Northern Indiana Public Service Common (now listed NYSE)			
4.22% preferred	100	92½	--
4¼% preferred	100	n--	92½
4.40% conv junior preference	40	82	--
4½% preferred	100	98½	100⅛
Northern Ohio Telephone com	100	48	50
4¼% preferred	100	--	94
4½% preferred	100	85	--
5% class A preferred	100	93	--
Northern Ontario Natural Gas	*	15½	16¾
Northwest Natural Gas Co—			
Common	9.50	31¾	33¾
5.72% preferred	100	102½	--
5¾% preferred	100	103	--
Northwestern Public Serv com	3	29⅛	29⅝
4½% preferred	100	92	--
Ohio Power Co—			
4.08% preferred	100	91	--
4.20% preferred	100	93	--
4.40% preferred	100	96	--
4½% preferred	100	97	--
Ohio Water Service Co	10	33¼	35¾
Oklahoma Natural Gas Co—			
4¾% preferred A	50	50	52
$4.92 series B preferred	50	52	--
Orange & Rockland Utilities—			
4.65% preferred series A	100	91½	--
Otter Tail Power common	5	40¼	42¾
$3.60 preferred	*	71	--
$4.40 preferred	*	84	--
Pacific Gas Transmission Co	*	16⅜	17½
Pacific Power & Light Co—			
Common	3.25	23⅞	25½
4.52% preferred	100	87	--
5.64% preferred	100	108	109½
6.16% preferred	100	109	110½
Panhandle Eastern Pipe Line—			
4.64% preferred	100	n101½	102½
Penn Ohio Gas Co	10c	¼	½
Pennsylvania & Southern Gas	1.25	18	19
Pennsylvania Electric Co—			
4.40% preferred series B	100	95	--
3.70% preferred series C	100	79	--
4.05% preferred series D	100	85	--
4.70% preferred series E	100	99	--
4.50% preferred series F	100	96	--
4.60% preferred series G	100	98	--
Pennsylvania Gas & Water Co—			
Common	*	34¾	35¾
Warrants		n6¾	7¾
4.10% preferred	100	86	88
Pennsylvania Power Co—			
4¼% preferred	100	91½	--
4.24% preferred	100	91½	--
4.64% preferred	100	99	101
Pennsylvania Power & Light			
3.35% preferred	100	71	73
4.60% preferred	100	99	101
Phila Suburban Transportation	2.50	13¼	14
5% preferred	50	41	43
Philadelphia Suburban Water—			
Common	3.75	30	30½
5% preferred	100	101½	--
Philadelphia Transportation Co	10	5⅞	6½
Piedmont Natural Gas Co com	50c	13¾	14⅞
$5.50 convertible preferred	*	110	--
Pioneer Natural Gas Co	3.75	30	31
Pioneer Telephone Co	33⅓c	15½	--
Portland Gas Light common	*	5¾	6¾
$5 preferred	*	82	87
Portland General Electric	7.50	24	25⅝
Potomac Edison Co 3.60% pfd	100	73	--
4.70% preferred series B	100	95	--
Potomac Electric Power Co—			
$2.44 serial preferred	50	52¼	53¼
$2.46 serial preferred	50	52½	53½
Pottsville Water	25	110	--
Public Service Co of Colorado—			
4.64% preferred	100	103	104½
4.90% preferred	100	104	105½
Public Serv of New Hampshire—			
Common	5	29⅝	31⅜
3.35% preferred	100	67	--
4½% preferred	100	86	--
Public Service Co of New Mexico—			
Common	5	29⅝	30⅛
5% series A preferred	100	100	--
5.25% pfd w w 1959 series	100	137	--
Without warrants		104	--
Public Service Co of N C	1	11⅛	12⅛
Public Service of Oklahoma—			
4% preferred	100	84	--
4.24% preferred	100	94½	--
Puget Sound Power & Light Co—			
4.84% preferred	100	104¼	105
Quebec Natural Gas Corp	1	4	4¼
Roanoke Gas Co (Va)	5	25	--
Rochester Gas & Electric—			
4% preferred series F	100	85	--
4.10% preferred series H	100	88	--
4¾% preferred series I	100	100	--
4.10% preferred series J	100	88	--
4.95% pfd series K	100	101	--
Rochester Telephone Corp—			
5% preferred	100	101	--
Rochester Transit Corp	*	5¼	6¼
Rocky Mountain Natural Gas	3	n4¾	5½
$50 units		67	--
$20 units		32	--
St. Joseph Light & Power—			
5% preferred A	100	n96	--
San Jose Water Works com	12.50	33	35½
4¾% preferred series A	25	22½	--
4¾% preferred series B	25	22½	--
4.70% preferred series C	25	50	--
4.70% preferred series D	25	50	--
5½% preferred series E	25	37½	--
Savannah Electric & Power Co	5	32½	34¾
4.36% preferred series A	100	90	95
Sierra Pacific Power Co	3.75	28⅜	28⅞
South Atlantic Gas Co com	5	18	19
5% preferred	100	89	--
South Georgia Natural Gas Co	1	10¾	11¼
South Pittsburgh Wat 4½% pfd	100	92	--
Southeastern Telephone Co	10	25½	27
Southern California Water	5	16½	17⅞
Southern Gas & Water Co com	*	28¼	29½
$4.50 preferred	*	78	--
$5 preferred	*	88	--
Southern Gulf Utilities - Inc	5c	15½	17
Southern New England Tel	25	48¾	51¼
Southern Union Gas Co common	1	25¾	27⅜
4¼% preferred	100	84	--
4½% preferred	100	87	--
4¾% preferred	100	91	--
5% preferred	100	95	--
5.05% preferred	100	96	--
5.35% preferred	100	100	--
Southwest Gas Corp common	1	29½	30½
$1.20 conv prior preferred	9	30	32½
Southwest Gas Producing	1	7	9⅞
Southwest Natural Gas	10c	n5	--
Southwestern Electric Power—			
4.65% preferred	100	99	--
4.28% preferred	100	90	--
Southwestern Electric Service	1	18	19⅝
Southwestern Public Service Co—			
3.70% preferred	100	78	--
3.90% preferred	100	83	86
4.15% preferred	100	87	89
4.36% preferred	25	22¾	23¾
4.40% preferred	25	21¾	23¾
4.60% preferred	100	95	--
5% preferred	25	25½	--
Southwestern States Telephone	1	33	33½
$1.32 conv preferred	25	41	--
$1.44 conv preferred	25	37	--
Springfield Gas Light Co	10	27	28½
Susquehanna Corp	1	8¾	9½
Syracuse Transit Corp	*	21	23
Tampa Electric Co—			
4.32% series A preferred	100	85	--
4.16% series B preferred	100	85	--
5.10% series C preferred	100	102	--
Telephone Inc	1	10⅛	11⅛
Telephone Service Co. of Ohio—			
Class A	1	22	24
Class B	1	30	35
$5 non-cum preferred	5	87	--
Tennessee Gas Transmission Co			
4.10% preferred	100	92½	--
4.25% preferred	100	93½	--
4.50% conv 2nd preferred	100	92	95
4.60% preferred	100	95	--
4.64% preferred	100	95½	97
4.65% preferred	100	95½	--
4.72% conv 2nd preferred	100	89	90
4.90% preferred	100	98	99½
4.92% conv 2nd preferred	100	97	98
5% convertible 2nd preferred	100	95	96
5.10% preferred	100	98½	--
5.12% preferred	100	98½	--
5.24% preferred	100	100	101½
5.25% preferred	100	99½	101½
Tennessee Natural Gas Lines	1	13¼	14⅜
Texas Eastern Transmission—			
5% preferred	100	98½	100
5.125% conv preferred	100	103½	104½
5.35% subord conv pfd	100	107½	109
5.50% 1st preferred	100	101	103
5.52% preferred	100	101	--
5.60% preferred	100	103½	--
5.75% subord conv pfd	100	128	131
5.80% preferred	100	103½	--
5.85% preferred	100	103½	--
6.70% preferred	100	105	--
Texas Electric Service Co—			
$4 preferred	*	89½	--
$4.56 preferred	*	97½	--
$4.64 preferred	*	101	--
$5.08 preferred	*	104	--
Texas Gas Producing	25c	13½	14⅞

*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 DECEMBER 31, 1962

Stocks—	Par	Bid	Ask
Texas Gas Transmission Corp—			
5¼% conv 2nd preferred	100	122	124
4.96% preferred	100	99½	101
5.40% preferred	100	102	104
Texas Power & Light Co—			
$4 preferred	*	89½	--
$4.56 preferred	*	97	--
$4.76 preferred	*	99	--
$4.84 preferred	*	100	--
Toledo Edison Co—			
4.56% preferred	100	101	--
Trans-Canada Pipe Lines Ltd	1	19½	19⅞
Transcontinental Gas Pipe Line—			
Common	50c	27¼	27½
$2.55 preferred	*	51½	53
$4.90 preferred	*	99½	101
$5.26 preferred	*	101	102½
$5.60 preferred	*	103½	105
$5.70 preferred	*	104½	106
$5.96 preferred	*	104½	106
Tucson Gas & Electric Lt & Pow	5	24⅜	25⅞
United Cities Gas Corp (Ill)—			
Common	1	13¼	14
United Gas Improvement—			
4¼% preferred	100	95½	97½
United Illuminating Co	*	35⅛	37⅛
United Telephone Co of Pa—			
4½% preferred series A	100	93½	--
United Traction (Albany)	*	18	--
United Transit Co common	1	5½	5⅞
5% preferred	50	40	43
United Utilities, Inc	5	30	31¾
Upper Peninsula Power	9	36⅛	36⅝
5¼% preferred	100	90	--
Utah Power & Light Co—			
$1.28 preferred series A	25	26	--
$1.18 preferred series B	25	26	26½
Utilities & Industries Corp	2	14¾	15½
Virginia Electric & Power Co—			
All issues listed NYSE			
Virginia Telep & Teleg Co	10	20	22
Volunteer Natural Gas	1	5½	6
Washington (D. C.) Gas Light—			
$4.25 preferred	*	87½	--
$4.60 convertible preferred	*	123	--
$4.80 preferred	*	102½	--
$5 serial preferred	*	102½	--
Washington Natural Gas Co	10	34	37¼
West Coast Telephone Co—			
Common	5	19⅛	19½
$1.44 junior conv preferred	25	24½	--
West Ohio Gas	5	15⅛	16¼
West Penn Power Co	*	73	77½
West Texas Util 4.40 pfd	100	92½	--
Westcoast Transmission Co Ltd	*	12	13⅛
Western Gas Service	2	16	17½
Western Kentucky Gas	5	20¼	22¼
Western Light & Telephone—			
Common	5	32	34¼
5% preferred	25	25¼	--
Western Massachusetts Cos	50c	29	30⅞
Western Power & Gas com.	5	29⅛	31¼
4.75% preferred series A	50	49	51
4.75% preferred series B	50	49	51
4.72% preferred 1st series	50	48	50
4.72% preferred 2nd series	50	48	50
5.44% preferred	50	52	54
$2.75 preferred	*	52	54
$2.55 preferred	50	53	53¾
Western Utilities Corp	1	12	13⅛
White River Propane Gas	1	1¾	2⅛
Wisconsin Electric Power Co—			
3.60% preferred	100	77	78½
Wisconsin Michigan Power—			
4½% preferred	100	98	--
Wisconsin Power & Light Co—			
Common	5	22½	24⅛
4.40% preferred	100	93½	95½
4.80% preferred	100	99	102
4.96% preferred	100	102	--
Wisconsin Public Service Corp—			
5% preferred	100	102	--
5.04% preferred	100	101¾	--
5.08% preferred	100	102	--
Wisconsin Southern Gas	10	24¾	--
York County Gas	20	33	--
York Water Co	10	34	--

*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 DECEMBER 31, 1962

NOTICE—All bond 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	2.04	2.73
Admiral Finance 6¼s 1970		97	--
Advance Growth Capital Corp	1	5⅛	5½
Advisers Fund Inc	1	6.04	6.66
Aetna Finance Company common	1	12	13
5⅝s conv subord debs 1975	F-A	106	109
Affiliated Fund Inc	1.25	7.33	7.93
Aid Investment & Discount Inc—			
6% capital notes 1972	M-S	80	--
All-State Credit class A	10c	3	3⅝
Allied Empire Corp	1	10	12⅝
Allied Finance Co	5	36	38
American Business Shares Inc	1	3.85	4.16
American Discount Co of Georgia	*	24¼	25
American European Securities	*	28	29
American Financial Corp	*	15½	17
American Growth Fund Inc	1c	5.36	5.79
American Investors Corp	1	⅛	1¼
American Investors Fund	1	‡13.78	--
American Mutual Fund Inc	1	8.67	9.48
American Realty Trust	1	10	10½
Anchor Corp class B non-vot	50c	13	13¾
Anderson New England Cap Corp	1	6	7
Arizona Bancorporation	10	23½	24½
Associated Fund Inc trust shares	*	1.42	1.56
Associates Investment Co—			
All bonds listed NYSE			
Atkinson Finance com	5	20½	22½
5% preferred	100	68	--
Atlas Credit Corp common	10c	13½	15
Class B common	10c	13¼	14⅝
Atlas Finance Co Inc	5	9⅛	9½
Atomics Physics & Science Fund Inc	33⅓c	4.37	4.77
Automobile Banking Corp com	25c	4⅞	5½
Class A purchase wts		⅞	1¼
$1.50 preferred	25	21½	--
6% convertible B preferred	10	7½	--
6¼s capital debs ww 1976	F-A	98	102
Avemco Finance Corp	50c	2⅜	3⅛
Axe-Houghton Fund A Inc	1	5.05	5.49
Axe-Houghton Fund B Inc	1	8.19	8.90
Axe-Houghton Stock Fund Inc	1	3.45	3.77
Axe Science & Electronics Corp	1c	10.48	11.39
Axe-Templeton Growth Fund of Canada Ltd	25c	9.47	10.13
Baystate Corp	7.50	52	53½
Beneficial Corp	1	32¼	33
Beneficial Finance Co—			
4.45s debentures 1988	J-D	101¾	102¼
Blue Ridge Mutual Fund Inc	1	11.28	12.33
Boston Capital Corp	1	9¼	9½
Boston Fund Inc	1	9.22	10.08
Boston Investment Co	50	130	--
Brentwood Financial Corp	1	10¾	11⅝
Broad Street Investing Corp	50c	12.88	13.92
Budget Finance Plan—			
6s series A			
Subord cap inc debs 2010	Q-J	90	94
Bullock Fund Ltd	1	12.06	13.22
Business Funds, Inc	8	6½	7⅛
California Financial Corp.			
5s conv subord debs 1977	A O	109	111
California Fund Inc	1	6.27	6.85
California Growth Capital Inc	5	5	5½
Cambridge Financial Corp cl A	1c	⅛	½
Canada General Fund (1954) Ltd	1	15.98	17.46
Canadian Fund Inc	1	16.17	17.50
Canadian Inter'l Growth Fd Ltd	1	10.20	11.15
Capital Life Insurance & Growth Stock Fund	1c	9.92	10.87
Capital Southwest Corp	1	5⅞	6½
Carolinas Capital Corp	1	5½	6
Centennial Fund Inc		‡10.41	--
Central Invest Corp of Denver	2.50	1⅛	1⅜
Century Shares Trust (Boston)	1	13.13	14.35
Channing Corp	1.50	a17	18½
Chase Fund of Boston	1	6.07	6.63
Chemical Fund Inc	25c	10.21	11.11
Christiana Securities Co com	1.25	210	216
7% preferred	100	127	132¾
C I T Financial Corp—			
5⅛s debentures 1980	J-J	105	106½
4⅝s debentures 1979	J-J	102¾	103½
Series debentures—			
4¾s	July 1 1963	100	--
4¾s	July 1 1964	100½	--
4¾s	July 1 1965	101½	--
4¾s	July 1 1966	101¾	--
4¾s	July 1 1967	102¼	--
4¾s	July 1 1968	102½	--
4¾s	July 1 1969	103	--
4¾s	July 1 1970	103¼	--
Citizens & Southern Capital Corp	1	3¼	3⅝
Civic Finance Corp	2	12	14⅛
Coburn Credit Co Inc common	1	8⅜	9⅛
6% conv preferred	20	18¾	19½
6s conv subord debs 1976	M-S	107	113
Colonial Acceptance Corp—			
Class A common 1st series	1	7	7½
Colonial Fund, Inc	1	10.59	11.57
Colonial Growth & Energy Shares	1	11.51	12.58
Commerce Investment Corp	1	½	1
Commercial Credit Co—			
3½% notes due 1965	J-D	99¼	--
3⅝% notes 1976	F-A	93	--
4¼% notes 1974	A-O	100½	--
4½% subord notes 1977	M-S	98	--
5% notes 1977	J-D	105	106
4⅛% notes 1978	J-J	98	99
4¾% notes 1979	J-J	103½	--
4¾% notes 1980	M-N	103½	--
5¼% notes 1980	J-J	106	--
Commonwealth Financial Corp	10	11	12½
Commonwealth Income Fund Inc	1	9.13	9.98
Commonwealth International & General Fund Inc	1	9.65	10.55
Commonwealth Investment	1	9.29	10.15
Commonwealth Loan 4% pfd	100	80	--
Commonwealth Realty Trust—			
Certificates of beneficial interest		9	9½
Commonwealth Stock Fund	1	14.97	16.36
Composite Bond & Stock Fund	50c	9.13	9.92
Composite Fund Inc	50c	8.06	8.76
Concord Fund Inc	1	11.32	12.23
Congress Street Fund Inc		‡80.74	--
Consolidated Credit Corp—			
Class B	1	6⅛	6⅝
Consolidated Investment Trust	1	17¼	18¾
Consumers Acceptance Corp—			
Class A	10c	11¼	12¼
Continental Capital Corp	10	9⅛	9⅝
Continental Fund Distributors—			
Units		1/16	⅜
Continental Growth Fund Inc	1c	6.41	7.01
Continental Investment Corp	3⅓	11¾	12¼
Continental Mortgage Investors	*	11	11½
Corporate Leaders Trust Fund B		18.31	20.02
Crown Western Investments Inc—			
Diversified Income Fund	1	6.27	6.86
De Vegh Investing Co Inc	1	16.40	16.57
De Vegh Mutual Fund Inc	1	55.58	56.14
Delaware Fund Inc	1	10.39	11.36
Delaware Income Fund Inc	1	9.62	10.51
Delaware Valley Financial Corp—			
Class A	1	3	3½
Class B	1	1½	--
Delta Capital Corp	1	5¼	5¾
Dempster Investment Co	1	5¾	--
Denver Real Estate Inv Assn	*	8¾	9¼
Developers Small Business Investment Corp	1c	3	3¼
Devonshire Street Fund Inc		‡8.89	--
Dial Finance Co	*	30¼	32⅝
Distributors Group Inc "A"	5c	4¼	5
Diversification Fund Inc		‡19.45	--
Diversified Growth Stock Fund	1	7.92	8.68
Diversified Investment Fund	1	8.65	9.48
Diversified Trustee Shares ser C	1	14½	--
Dividend Shares Inc	25c	3.13	3.43
Dow Theory Investment Fund Inc	1	4.70	5.08
Dreyfus Fund Inc	1	15.42	16.76
Eastern Finance Corp (Va)	1	2	3
Eaton & Howard Balanced Fund	50c	11.87	12.83
Eaton & Howard Stock Fund	50c	12.65	13.67
Economic Investment Trust—			
3s series B 1964	J-J	97½	--
Electronics Capital Corp	1	10¼	11⅛
Electronics Investment Corp	1	5.29	5.78
Electronics International Capital Ltd	£1	4⅜	4⅞
Electro-Science Investors	1	2	2⅜
Empire Financial Corp	1	x12½	13⅝
Empire Fund		‡21.18	--
Energy Fund Inc	1	‡19.44	--
Equitable Credit Corp (N Y)—			
20c participating preferred	2	5¼	--
Equitable Credit & Discount—			
6½s junior conv sub debs '77	F-A	92	97
Common	*	2	2⅜
Equitable Savings & Loan Assn	4	30¾	33
Equity Fund Inc	20c	8.16	8.45
Equity Investment Corp	10c	⅛	⅜
Far West Financial Corp	1	21¼	23
Federal Street Fund Inc	1	‡41.72	--
Federated Growth Fund	1	9.67	10.57
Federated Investors Inc—			
Class B non-vot	5c	4½	6
Fidelity America Financial Corp	10c	4½	5
Fidelity Capital Fund Inc	1	7.55	8.21
Fidelity Fund Inc	1	14.71	15.90
Fidelity Trend Fund Inc	1	11.74	12.76
Fiduciary Mutual Invest Co Inc	1	17.54	18.96
Finance Co of Pennsylvania	10	76	81
Financial Corp of Santa Barbara	1	14¾	16
Financial Industrial Fund Inc	1c	3.96	4.34
First Bank Stock Corp	10	60¾	61½
First Boston Corp	10	77½	81½
First Connecticut Small Business Investment Co	1	7	7½
First Financial Corp of the West	*	11½	12⅝
First Investors Corp class A	1	8	8½
First Lincoln Financial Corp	*	15¼	16½
First Mortgage Investors	*	10½	11
First National Real Estate Trust	*	9⅛	10
First Research Corp	10c	2¼	2½
First Small Business Investment Corp of N J	1	6⅝	7⅛
First Southern Co	1	2⅝	3
First Surety Corp	1	15½	16
First Virginia Corp	1	4¾	5¼
First Western Financial Corp	1	23	24⅝
Florida Capital Corp	1	3⅜	4⅛
Florida Growth Fund Inc	10c	5.42	5.92
Florida Mutual Fund	1	1.85	2.02
Founders Mutual Fund	*	5.54	6.02
Foursquare Fund Inc	1	9.82	10.73
Franklin Custodian Funds—			
Bond series	1c	2.32	2.55
Common stock series	1c	5.80	6.38
Preferred stock series	1c	2.43	2.67
Utilities series	1c	7.19	7.90
Franklin Realty—			
Shares of beneficial int	*	8⅝	9⅛
Fund of America Inc	1	7.20	7.83
Fundamental Investors Inc	1	x8.95	9.81
Funds for Business new		3½	4½
General Acceptance Corp—			
Senior deb 4¾s 1971	F-A	98	--
Subord deb 5s 1970	J-D	98	--
Subord deb 6¼s ww 1974	M-N	115	--
Senior debs 5½s 1976	A-O	--	101
6s senior debentures 1980	F-A	100	--
5s conv subord debs 1981	J-D	99	100
General America Corp	5	111	116
General Contract Finance Corp—			
5½% conv preferred series A	20	18½	19½
General Corp of Ohio	1	17⅝	18⅛
General Investors Trust	1	6.45	7.05
General Motors Acceptance Corp of Canada Ltd—			
4s June 1 1964		91	93
4¾s Dec 15 1969		88½	90½
Gibraltar Financial Corp of Calif—			
4½s conv subord debs 1976	J-D	99	100
Government Employees Financial Corp	2	23	24½
Great Britain & Canada Investment Corp	1	8½	10
Great Southern Real Estate Trust	*	9⅜	9⅞
Great Southwest Corp	1	17	18⅜
Greater Washington Indus Investa	1	5⅛	5½
Greenfield Real Estate Inv Tr	*	15¼	16½
Group Securities Inc—			
Aviation-Electronics—			
Electrical Equipment Shares	1c	6.64	7.28
Capital Growth Fund	1c	4.94	5.42
Common (The) Stock Fund	1c	11.90	13.03
Fully Administered Shares	1c	8.84	9.69
General Bond Shares	1c	6.88	7.54
Petroleum Shares	1c	11.66	12.77
Growth Capital Inc	1	12¾	13¼
Growth Industry Shares Inc	1	17.11	17.62
Guardian Mutual Fund Inc	1	‡20.02	--
Gulf-Southwest Capital Corp	1	6⅛	6¾
Hamilton Funds Inc—			
Series H-C7	1	4.78	5.22
Series H-DA	1c	4.69	--
Hamilton Management Corp—			
Class A com non-vot	1c	13¼	14
Hawthorne Financial Corp	1	9⅛	9⅝
Haydock Fund Inc	*	‡25.73	--
Hilton Credit Corp	1	2⅞	3⅛
Home Mtge & Investment		60	--
Household Finance Corp—			
All bonds listed NYSE			
Illinois Capital Investment Corp	1	4	4½
Imperial Capital Fund Inc	*c	7.23	7.86
Imperial Fund Inc	c	5.92	6.43
Income Foundation Fund	10c	2.30	2.56
Income Fund of Boston Inc	1	7.60	8.31
Incorporated Income Fund	1	8.96	9.79
Incorporated Investors	1	6.75	7.38
Institutional Shares Ltd—			
Institutional Foundation Fund	1c	11.18	12.23
Institutional Growth Fund	1c	9.53	10.43
Institutional Income Fund	1c	6.47	7.08
Insurance Securities Inc	*	15	16⅛
International Resources Fund Inc	1c	4.23	4.62
Interstate Finance Corp	1	16	16½
Interstate Securities Co	5	9¾	10¾
Investment Co of America	1	9.49	10.37
Warrants		12½	13½
Investment Corp of Florida	2c	1⅝	2
Investment Trust of Boston	1	10.72	11.72
Investors Capital Exchange Fund		‡74.72	--
Investors Diversified Services—			
Class A non-voting	1	206	217
Investors Group Funds—			
Investors Mutual Inc Fund		10.79	11.66
Investors Stock Fund		17.15	18.54
Investors Selective Fund		10.23	10.94
Investors Variable Paymt Fund		6.13	6.63
Investors Intercontinental		5.60	6.06
Investors Research Fund	1	10.96	11.98
Istel Fund Inc	1	33.59	34.26
Japan (The) Fund Inc	1	7⅞	8⅛
Johnston Mutual Fund Inc	1	‡12.48	--
Keystone Custodian Funds Inc—			
Class A com non-vot	*	18	19
B-1 Investment Bond Fund	1	24.90	25.99
B-2 Medium-Grade Bond Fund	1	22.34	24.38
B-3 Low Priced Bond Fund	1	x15.25	16.61
B-4 Discount Bond Fund	1	9.38	10.24
K-1 Income Fund	1	8.66	9.46
K-2 Growth Fund	1	4.81	5.25
S-1 High-Grade Com Stk Fund	1	20.03	22.18
S-2 Income Com Stock Fund	1	11.72	12.79
S-3 Growth Com Stk Fund	1	12.99	14.18
S-4 Low Priced Com Stk Fund	1	x3.85	4.21
Keystone International Fund Ltd	1	13.72	14.84
Knickerbocker Fund	1	5.76	6.29
Knickerbocker Growth Fund Inc	1	x5.25	5.75
Lazard (The) Fund Inc	1	14.37	15.25
Lexington Income Trust	1	10.65	11.64
Liberty Loan Corp common	1	40¾	43½
5¾% conv preference	25	31	31¾
Life Insurance Investors Inc	1	16.42	17.95
Life Insurance Stock Fund Inc	1	11.41	12.44
Loomis-Sayles Canadian & International Fund Ltd	1	‡28.11	--
Loomis-Sayles Mutual Fd Inc	1	‡14.41	--
Lytton Financial	1	24¼	24¾
Major Finance Corp	2	2	2¼
Managed Funds—			
Electric Shares	1c	x2.32	2.54
General Industries shares	1c	3.22	3.52
Metal shares	1c	1.75	1.91
Paper shares	1c	x2.77	3.03
Petroleum shares	1c	2.37	2.59
Special Investments shares	1c	2.79	3.05
Transport shares	1c	2.76	3.02

*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 xEx-dividend. y Ex-stock dividend.

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INVESTING COMPANIES SECURITIES

QUOTATIONS FOR ALL SECURITIES ARE AS OF DECEMBER 31, 1962

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

Stocks and Bonds—	Par	Bid	Ask
Marine Capital Corp	1	7¾	8
Massachusetts Investors Trust—			
Shares of beneficial interest	33⅓c	13.59	14.85
Mass Investors Growth Stock Fund Inc	1	7.35	8.03
Massachusetts Life Fund	1	21.82	23.85
Medical Securities Inc	1	x9.43	10.31
Mercantile Financial Corp	2	12	13⅜
Midland Capital Corp	1	7⅛	7⅝
Midland-Guardian Co	*	12	13
Mid-States Business Capital	1	7⅜	7⅝
Midwestern Corp	1	11⅝	12
Minnesota Capital Corp	10c	⅜	⅝
Monmouth Capital Corp	1	5	5½
Morton (B C) Fund Inc—			
Growth Series		x5.95	6.52
Insurance Series		x7.83	8.58
Mutual Investing Foundation	1	13.83	14.95
Mutual Investment Foundation Growth Fund		3.89	4.21
Mutual Investment Fund	1	x8.81	9.67
Mutual Shares Corp	1	‡13.66	--
Mutual Trust Inc—			
Shares of beneficial interest	25c	2.62	2.67
Narragansett Capital Corp	1	4¼	4⅞
Nation Wide Secur Co Inc (Md)	1	20.96	22.68
National Capital class A	1	5c	15c
National Investors Corp	1	13.86	14.98
National Realty Investors	*	9⅜	9⅞
Nat'l Securities & Research	8½c	7⅛	7⅝
National Securities Series—			
Balanced series	1	x11.01	12.03
Bond series	1	x5.64	6.16
Dividend series	1	x3.56	3.89
Preferred stock series	1	6.96	7.61
Income series	1	5.49	6.00
Stock series	1	7.44	8.13
Growth stocks series	1	7.63	8.34
New England Fund	1	11.39	12.31
New Horizons R P Fund Inc	1	8.97	9.06
New York Capital Fund Ltd	34c	‡14.53	--
North River Securities (N Y)	1	3⅞	4⅜
Nucleonics Chem & Electronics Shs	1	11.50	12.57
Oceanic Trading Co	10c	38.43	--
Ohio Capital		‡14.51	--
One William Street Fund Inc	1	12.13	13.26
Oppenheimer Fund Inc	1	x13.35	14.59
Over-The-Counter Sec Fund Inc	1	5.91	6.42
Oxford Finance Cos Inc	1	4¾	5⅛
Pacific Finance Corp			
3½s debenture 1965	J-J	98	--
4⅝s debentures 1971	A-O	--	102½
4½s capital debs 1967	M-S	96	--
Parker Finance Corp	50c	3¼	4
Penn Square Mutual Fund—			
Ctfs of beneficial interest		‡13.55	--
Pennsylvania Real Estate Investment Trust	8	9⅞	10⅛
Pennsylvania Utilities Investment	1	19	--
Peoples Securities Corp	50c	7.13	7.81
Philadelphia Fund Inc	1	10.35	11.34
Pine Street Fund Inc	50c	11.08	11.19
Pioneer Finance Co	1	8	8⅞
Pioneer Fund Inc	2.50	8.63	9.43
Price (T Rowe) Growth Stock Fund Inc	1	14.09	14.23
Provident Fund for Income Inc	1	3.84	4.20
Puerto Rico Capital Corp	1	4⅞	5¼
Puritan Fund Inc	1	7.78	8.41
Putnam (George) Fund of Boston—			
Ctfs of beneficial interest	1	14.39	15.64
Putnam Growth Fund	1	7.94	8.63
Quarterly Distribution Shares Inc	1	6.56	7.17
Research Investing		9.82	10.73
Revere Fund Inc	1	9.43	10.25
Ritter Finance Co—			
6% conv preferred	50	46	--
6½s subord sf debs 1975	ww-M-N	99	--
Rittenhouse Fund		‡12.43	--
Rochester Capital Leasing Corp—			
Class A	1	7	7½
St Louis Capital	1	7¼	7⅞
Science Capital Corp	1	4	4¼
Scudder Fund of Canada Ltd	25c	‡13.19	--
Scudder Stevens & Clark Fund	1	‡18.15	--
Scudder Stevens & Clark—			
Common Stock Fund	1	‡9.41	--
Second Centennial Fund Inc		‡14.60	--
Securities Acceptance Corp com	2	a9½	10½
Securities Invest Co of St Louis—			
4¾s debs 1968	J-D	96	--
Selected American Shares Inc	1.25	9.02	9.76
Shareholders Trust of Boston	1	10.58	11.56
Shares in American Industry Inc		x10.20	11.15
Shawmut Association	*	34¾	36¾
Sierra Capital Corp	*	5⅞	6⅛
Small Business Investment Co of New York	1	13⅛	14
Smith (Edson B) Fund	1	‡9.83	--
Smith Investment Co	2	1.690	--
Southeastern Capital Corp	1	6⅝	7
Southeastern General Corp	10c	1	1¼
Southwestern Capital Corp	1	1⅜	1⅝
Southwestern Investment Co	2.50	11⅜	12⅜
5½s senior notes 1975	M-S	--	101
5¾s capital notes 1975	M S	98	--
Southwestern Investors Inc	50c	7.67	8.29
Southw't'n Research & Gen Inv	5	4⅝	4⅞
Sovereign Investors Inc	1	13.30	14.57
Spring Street Capital Co	1	4¾	5¼
State Guaranty Corp—			
$1.30 participating preferred	*	n81½	--
State Loan & Finance Corp—			
Class A	1	22	22½
6% preferred	25	25½	26½
3¾s debentures 1966	M-N	94	--
5.40s s f debs 1980	J-J	99	--
5.40s s f debs 1981	J-D	101½	--
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	104½	--
State Street Investment Corp	10	37.62	40.37
Stein Roe & Farnum Balanced Fund Inc	1	‡13.69	--
Stein Roe & Farnham—			
Stock Fund	1	‡28.93	--
Sterling Investment Fund Inc	1	11.35	12.27
Techno Fund Inc	1	3¼	3¾
Television-Electronics Fund	50c	6.96	7.59
Television Shares Management Corp	1c	8¾	10
Templeton Damroth Corp	10c	4½	6
Texas Capital Corp	1	4½	4¾
Texas Consumer Finance	80c	2⅜	2¾
Texas Fund Inc	1	10.99	12.01
Thorp Finance Corp	1	6½	7¼
Thrift Investment Corp common	1	11½	12½
$1.50 conv preferred	*	27½	29½
Traders Finance 5¾s 1973	J-J	91¾	93
Trans-Coast Investment Co	5	15¼	16¾
Transcontinental Investing Corp—			
Class A common	1	9¾	10¼
6½s conv subord debs 1981		80	88
Tri-Continental Corp—			
3⅞s debs series A 1966	M-S	99¼	99¾
20th Century Growth Investors	10c	3.56	3.89
UBS Fund of Canada	1	9.46	10.06
Union Financial Corp	1	7	7⅞
United Funds Canada Ltd	1	17.18	18.67
United Funds Inc—			
United Accumulative Fund	1	13.04	14.25
United Continental Fund	1	6.37	6.96
United Income Fund	1	11.27	12.32
United Science Fund	1	6.19	6.77
United International Fund Ltd	£1	9.95	10.91
United Investors Corp. (Del.)—			
Class A	1	6½	7¼
United Pacific Corp	1	34	36½
U S Realty Investments (Ohio) Shares of beneficial interest		9⅛	9½
U S Realty & Invest Co of N J	1.50	4½	6½
Value Line Fund Inc	1	5.82	6.36
Value Line Income Fund Inc	1	4.93	5.39
Value Line Special Situations Fund Inc	10c	2.70	2.95
Vance, Sanders & Co Inc	50c	16	16½
Virginia Capital Corp	1	5¾	6¾
Waddell & Reed cl A com n-v	1	20⅝	22⅛
Wall Street Investing Corp	1	8.70	9.51
Wallace Investments Inc	2	7½	8⅜
Washington Mutual Inv Fund Inc	1	9.82	10.73
Washington Real Estate Investment Trust	1	5⅞	6⅛
Water Industries Capital Corp	1	a8⅞	9⅛
Wellington Equity Fund Inc	1	12.83	13.91
Wellington Fund	1	13.87	15.05
Wellington Management Co—			
Class A common (non-voting)	10c	23	24½
Wesco Financial Corp	1	36	36½
West Bay Financial	1	8½	7⅜
Westland Capital Corp	1	6½	6⅞
Westminster Fund Inc		‡9.94	--
Whitehall Fund Inc	1	12.79	13.83
Winfield Growth Indus Fund Inc	10c	6.83	7.46
Wisconsin Fund Inc	1	x6.51	7.04

* 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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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 DECEMBER 31, 1962

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

OVER-THE-COUNTER INDUSTRIAL AND MISCELLANEOUS BONDS	Bid	Ask
ACF-Wrigley Stores Inc—		
4¾s conv subord debs 1972 A-O	98	101
Abitibi Power & Paper—		
1st 3½s series A 1967 A-O	98	--
4½s series A 1966	92½	93½
6¼s series C 1977 M-N	96	98
Acme Steel Company—		
4⅞s s f debs 1977 J-D	99	--
Aerojet-General Corp—		
5¼s s f debentures 1981 M-N	98	--
Albee Homes Inc—		
5s conv subord debs 1982 J-D	73	81
Albemarle Paper Mfg Co—		
5½s convert sub debs 1978 J-J	†--	--
Allegheny Airlines Inc—		
6¼s conv subord debs 1975 F-A	134	139
Allegheny Pepsi-Cola Bottling—		
6¼s sub s f debs 1977 w w J-D	140	145
Without warrants	87½	89½
Allied Stores Corp 4¾s 1976 M-N	100	--
Aluminum Co of Canada Ltd—		
3½s debs 1971 J-J	83½	85½
American Brake Shoe Co—		
4½s s f debentures 1982 F-A	97	101
4½s s f debentures 1987 F-A	100⅞	102¼
American Cement Corp—		
5s s f debentures 1978 A-O	100	--
American Electronics Inc—		
5¼s conv subord debs 1973 A-O	61	64
American Export Lines—		
4.50s Sept 1 1985	102	--
American Hide & Leather Co—		
5s conv inc debs 1975 A-O	f85	91
American Optical Co 3½s 1968 M-S	86	99
American Petrofina Inc—		
5½% subord conv debs 1973 J-J	90	--
American Pipe & Construction—		
4¾s conv subord debs '77 M-S	100	101½
American President Lines 5s 1981	104	--
American Saint-Gobain Corp—		
5½s subord conv debs 1983 A-O	85	89
American Silica Sand—		
3-5s 1973 w s	f15	25
Anelex Corp—		
5½s subord debs w w 1974 J-D	135	--
Without warrants	85	87
Units	152	--
Arcs Industries, Inc—		
5¾s conv subord debs 1971 F-A	52	65
Arden Farms Co—		
5s conv subord debs 1986 J-J	85	--
Argus, Inc.—		
6s conv subord debs 1972 J-J	115	122
Arkansas Valley Industries—		
6s conv subord debs 1977	94	98
Arlan's Dept Stores Inc—		
4½s conv subord debs 1982 M-N	91	94
Ashland Oil & Refining Co—		
3s s f debentures 1965 F-A	95	--
3s debentures 1970 J-J	92	--
3½s s f debentures 1971 M-S	93½	--
4½s s f debentures 1987 A-O	101¾	--
Assembly Products Inc—		
5¾s conv subord debs 1972	98	101
Associated Dry Goods Corp—		
4¾s s f debentures 1980 A-O	95	102
Atlantic Co deb 5s 1980 A-O	97	100
Atlas Corporation—		
5s conv subord debs 1977 F-A	105	106½
Atlas Plywood Corp—		
5½s conv subord debs 1975 M-N	148	--
Automatic Canteen Co of Amer—		
5⅜s s f debentures 1981 J-J	101	--
Avis Inc—		
6s conv subord debs 1970 A-O	93	94
5½s conv subord debs 1972 F-A	114	--
Baltimore Paint & Chemical—		
6½s s f debentures 1973 A-O	90	--
BarChris Construction Corp—		
5½s conv subord debs 1976 M-N	f6	7½
Barium Steel Corp—		
5½s conv subord debs 1969 J-D	68	74
Bausch & Lomb Optical Co—		
4½s conv subord debs 1979 J-D	106	107½
4¾s conv subord debs 1980 J-J	102	103½
Beacon Hotel Corp (NY) —		
S f income 2-4s (ws) Feb 1958	f52	--
Belco Petroleum Corp—		
6s conv subord debs x-stk 1974	115	120
5s conv subord debs 1977 M-N	99	101½
Bell Electronic Corp—		
5½s conv subord debs 1977 A-O	68	73
Benson Manufacturing Co—		
6s conv subord debs 1971 M-N	61	65
Billups Eastern Petroleum—		
7s debentures 1993 J-J	75	--
Billups Western Petroleum Co—		
6s partic debs 1984 M-N	91	95
Boeing Airplane Co—		
5s debs 1978 F-A	98	--
Boston Insurance Exch Bldg—		
5s due 1953 ext to Apr 1968 ws	f98	--
Bowl-Mor Co Inc—		
5½s conv subord debs 1976	46	50
Briggs Leasing Corp—		
6¾s conv subord debs 1972 A-O	70	80
Units	90	100
Bristol-Myers Co—		
3⅜s debentures 1977 J-D	88	--
British American Oil—		
3½s s f debs 1974 M-S	78¼	80¼
British Columbia Forest Prod—		
4½s s f debs 1981 J-J	86	--
Broadmoor Corp—		
4-6s (w s) 1966 M-S	f126	--
Broadway-Hale Stores—		
5s cons subord debs 1979 F-A	116	118
Brooklyn Fox Corp (N Y)—		
1st 4s extd to Aug 1967 w s	f77	--
Brown Co deb 4½s 1975 J-D	92	94
Burlington Industries Inc—		
4.25s subord debs 1975 A-O	128	133
Burns & Co Ltd 4s 1963 M-N	99	--
Burroughs Adding Machine Co—		
3⅜s s f debs 1977 J-D	90	92
Burroughs Corp—		
4⅜s s f debentures 1983 J-J	100½	101½
Calif Eastern Aviation Inc—		
6s conv 1968 F-A	94	99
Campbell Chibougamau Mines Ltd—		
6s 1st mtge s f conv 1968 M-N	97	100
Canada Dry Ginger Ale Inc—		
4s s f debentures 1976 J-D	93½	--
4¾ conv sub debs 1981 J-J	108	111
Canada Steamship Lines—		
1st 4s 1966 J-D	96	--
Canadian Breweries Ltd—		
4¼s 1981 J-J	89	90
Canadian Petrofina Ltd—		
4s series A 1972 M-N	79¾	81¾
Capital Airlines—		
4½s conv debs 4½s 1976	73	77
Carrier Corporation—		
4⅛s conv subord debs 1982 F-A	101	102½
Cary Chemicals Inc—		
6¼s subord debs 1979 x-s M-S	75	80
1st 6s 1976	90	93
Celotex Corp—		
4⅛s conv subord debs 1976 M-N	73	76
Cenco Instruments Corp—		
4½s conv subord debs 1980 F-A	107	111
Central Charge Service Inc—		
6s 1975 w w F-A	93	--
Chanin Building —		
2d leasehold 2s 1970 (w s) M-S	f125	--
3d leasehold 1s 1970 (w s) M-S	f133½	--
Charter Oil Co Ltd—		
5¾s subord conv debs 1972 F-A	75	80
Clark Cable Corporation—		
6½s conv subord debs 1972 J-D	95	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	515	530
5½s 1977 ex-all warrants	102½	--
6s s f debs 1980 w w M-S	180	195
6s 1980 ex warrants	104	106
Collins Radio Co—		
4¾s conv subord debs 1980 M-S	90	91
Colonial Stores Inc 4.90s 1977 M-N	97⅛	--
Combustion Engineering Inc—		
3⅛s s f debs 1979 M-N	85	--
Community Charge Plan—		
6s subord debs 1976	50	54
Units	64	--
Consolidated Cigar 4¼s 1975 J-D	96	--
Consolidated Diesel Electric—		
6s conv subord debs 1975 J-D	90	95
Container Corp of America—		
3.30s s f debentures 1980 J-J	86½	--
4.40s s f debentures 1987 J-D	101¾	102¾
Continental Air Lines Inc—		
4¾s conv subord debs 1970 M-N	103	106
Control Data Corp—		
4¼s conv subord debs 1977 M-S	112	113½
Cooper Tire & Rubber Co—		
5¼s senior sf debs 1974 ww A-O	104	--
5¼s 1974 ex-warrants	88	--
Coral Ridge Properties Inc—		
6¼s sf subord debs ww '77 A-O	88	94
Without warrants	83	88
Cornell-Dubilier Elec 3⅞s 1972 M-S	80	84½
Cott Beverage Corp—		
Conv subord debs 5s 1976 J-J	87	90
Cowles Chemical Co—		
5¼s conv subord debs 1980 J-D	103	107
Crampton Mfg 5½s 1975 ww M-S	84	--
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	87	89
Daitch Crystal Dairies Inc—		
4½s conv subord debs 1975 J-D	60	--
5½% conv subord debs 1979 A-O	71	75
Dart Drug Corp—		
6s conv subord debs 1977 J-J	103	--
Dayton Rubber Co—		
5¼s conv subord debs 1972 J-J	91	96½
5½s conv subord debs 1980 F-A	87	90
Deere & Co 4½s debs 1986 A-O	99¾	--
Deere (John) Credit Co—		
4⅞s debentures ser A 1985 A-O	104	104¾
4¾s debentures ser B 1981 A-O	103	--
Dejur-Amsco Corp—		
6s conv subord debs 1974 J-D	53	58
Detroit Steel Corp 4⅞s 1970 A-O	101	--
Devoe & Raynolds Co 2⅞s '65 A-O	94	--
Diamond Alkali Co 3⅜s 1978 F-A	89	--
Dilbert's Leasing & Development—		
5¾s conv debs 1979 J-D	f14	18
District Wholesale Drug Corp of Wash 6s 1976 A-O	93	96
Dixon Chemical Industries Inc—		
6s subord debs 1978 J-D	32	37
6s conv debs 1981	f37	--
Donnelley (R R) & Sons—		
3¾s debentures 1978 M-N	92½	--
Dorsey (The) Corp—		
6½s subord debs ww 1975 A-O	99	102
Doughboy Industries Inc—		
5½s conv subord debs 1977 A-O	92	95
Dulany Industries Inc—		
6½s s f subord debs 1977 ww J-J	100	102
6½s ex-warrants 1977	90	92
Dumas Milner—		
6s conv subord debs 1971	118	122
Units	35	37
Duriron Co Inc—		
4¾s subord debs 1975 J-D	--	155
Duro-Test Corporation—		
5½s sub debs ser A 1982 ww A-O	106	108
5½s without warrants 1982	95	97
Eckerd Drugs of Florida Inc—		
7s conv subord debs 1971 J-J	110	115
Units	22	--
Economics Laboratory, Inc—		
4¾s conv debs 1976 A-O	129	134
Eddy (E B) Co—		
1st 4s s f 1974	83	86
Eichler Homes Inc—		
6½s debs 1973	88	92
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	84	88
Elco Corporation—		
6s conv subord debs 1975 J-D	84	--
European Coal & Steel Community		
See High Authority (below)		
Executive House Inc—		
6s subord s f debs 1971 A-O	69	71
Units	9½	10½
FMC Corporation—		
3⅛s conv subord debs 1981 A-O	97½	100
Fairb'ks Morse & Co 2¾s 1967 M-N	84	--
5¾s conv subord debs 1972 J-D	86½	87½
Farrington Manufacturing Co—		
5½s conv subord debs 1970 A-O	29	31
Fashion Park deb 5s 1968 M-N	f90	--
Fed-Mart Corp—		
6s conv subord debs 1979 J-D	89	94
Fedders Corporation—		
5½s s f subord debs 1979 ww M-N	99	102
Without warrants	99	--
Federal Coal 5s 1969 ws J-D	f20	--
Federal Shell Homes Inc—		
9s conv subord debs 1981 A-O	36	40
Units	5	7
Ferro Corp 3⅝s debs 1975 J-J	104	108
51 East 42nd Street—		
3s with stock 1966 Ann Mar	f125	--
Flintkote Company 4⅜s 1977 A-O	95	--
4⅝s s f debentures 1981 A-O	103	104
Food Fair Properties Inc—		
5½s debentures 1975 M-S	75	80
Food Fair Properties Development—		
6s coll trust 1984 J-D	77	80
Units	43	47
Food Fair Stores Inc 3s 1965 J-J	90	--
3⅝s s f debentures 1974 M-S	87	--
Food Machinery & Chemical Corp—		
2¾s s f debs 1969 F-A	89	--
3.80s s f debentures 1981 J-J	94¼	95½
Fram Corp 6s conv s f deb '66 J-D	307	--
Frontier Refining Co (Wyo)—		
6s conv subord debs 1969 M-N	100	108
Fruehauf Trailer Co—		
3¾s s f debentures 1974 J-D	89	--
Debenture 4s 1976 M-S	91	--
Conv subord debs 4s 1976 M-S	106¾	107¾
Garrett (The) Corporation—		
5¼s debentures 1982 J-J	103¼	--
Gateway Sporting Goods Co—		
5⅜s conv subord debs 1977 M-S	103½	106
General American Transportation—		
4.55 eq tr ctfs ser '59 1981 A-O	102	104
General Portland Cement Co—		
5s conv subord debs 1977 A-O	107	110
General Tire & Rubber—		
6s subord debs ww 1982 A-O	--	255
Georgia Pacific Corp—		
Subord debs 5s 1976 J-J	96½	98
Gera Corp 6s subord debs 1976 J-D	92	94
Glenmore Distilleries Co—		
4s s f debentures 1972 F-A	--	94
4¾s conv subord debs 1981 A-O	101	103½
Grace Line Inc—		
SS Santa Paulo 4.20s 1978 A-O	100¼	100⅞
SS Santa Rosa 4¼s 1978 J-J	99½	100¾
Gray Drug Stores Inc—		
5½ conv subord debs 1982	95	98
Great Plains Development—		
1-4s notes 1965 w w	99½	--
Green River Steel 3½s 1982	16	19
Greer Hydraulics Inc—		
5½s conv debs 1965 M-S	78	85
Gyrodyne Co of Amer, Inc—		
6s conv subord debs 1976 M-S	85	92
Units	81	84
Hammermill Paper 3s debs '65	90	--
Harshaw Chemical Co—		
5s debentures 1978 A-O	97	--
Hathaway Bakeries 4s 1966 M-N	90	--
Hexazon Laboratories Inc—		
6s conv subord debs 1976 A-O	n65	75
Hickok Electrical Instrument—		
6s conv subord debs 1974 A-O	95	--
High Authority of the European Coal & Steel Community—		
Serial secured notes (14th series)		
4¾s Oct 15 1963	99½	--
4⅞s Oct 15 1964	99½	--
5s Oct 15 1965	99½	--
Highway Trailer Industries—		
6½s conv subord debs 1975 M-S	67	70

*No par value. †Called on Dec. 31. ‡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 DECEMBER 31, 1962

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	75	80
Hilton Hotels Corp—		
4½s conv debs 1970 J-J	88	93
6s subord debs 1984 w w	102	104½
Without warrants	81	93½
Home Oil Co Ltd—		
5¾s conv debs 1971 J-D	93	95
6s conv subord debs 1975 J-J	97¾	99¾
Homestake Mining Co—		
5⅞s s f debs 1969 M-S	100	—
5⅛s subord conv debs 1972 M-S	115	120
Horne (Joseph) Co—		
5⅝s conv subord debs 1973 A-O	110	—
Hotel St George Corp (Brooklyn)—		
5½s 1971	89½	94
Houston (The) Corp—		
5s subord debs 1968 F-A	91¼	92¼
Hudson Bay Oil & Gas 4s 1975 M-N	81	83
Imperial Oil Ltd 3⅝s 1975 F-A	79	81
S F debs 3s 1969 J-D	83	85
Indiana Limestone 4s 1975 J-J	f71	73
Insurance Exchange Bldg (Bost)—		
5½% land trust ctfs	86½	—
International Airport Hotel System		
6s conv subord debs 1977 A-O	58	62
6s 1977 "units"	79	85
Int'l House of Pancakes 6s '76 A-O	97	—
Interstate Hosts Inc—		
5s conv subord debs 1981 M-N	98	102
Jefferson Lake Asbestos Corp—		
6½s ser A subord debs 1972 J-D	88	92
Units	126	—
Jessop Steel Co—		
5¾s conv subord debs 1975 J-J	82	85
Kaman Aircraft Corp—		
6s conv subord debs 1974 J-J	105	110
Kearney (James R) Co 6½s 1976	64	70
Kentucky-Jockey Club 6s 1973 J-D	42	47
Kerr-McGee Oil Industries Inc—		
5¼s s f debentures ww 1977 J-D	110	114
Without warrants	102¾	103¾
Keyes Fibre Co—		
5¼s subord debs ww 1985 J-D	113	—
Without warrants	100	—
Keystone Steel & Wire Co—		
4½s conv subord debs 1981 A-O	103½	105
Kidde (Walter) & Co Inc—		
5s conv subord debs 1972 A-O	90	94
Korfund Inc—		
6½s conv subord debs 1971	58	65
Units	125	145
Lafayette Radio Electronics—		
5½s conv subord debs 1976 M-S	88	92
Leeds Homes Inc—		
6s subord s f debs 1976 M-N	10	17
Units	1	2
Lehigh Portland Cement Co—		
4⅞s s f debs 1979 A-O	98	—
Lerner Stores Corp 3s 1967 J-J	91	—
Lester Engineering 6s 1976 M-S	100	—
Libby McNeill & Libby 2⅞s '67 F-A	91	—
Lit Brothers 4s debs 1970 M-S	93	—
Loblaw Groceterias Co Ltd—		
4¾s series D 1976 A-O	124	129
6s series E 1977 M-S	94½	96
Long Mile Rubber Corp—		
6s subord debs ww 1974 M-S	101	105
Loral Electronics Corp—		
4½s conv subord debs 1980 J-D	75	80
Lowenstein (M) & Sons—		
4⅜s cons subord debs 1981 F-A	73½	76½
Lyntex Corp 6½s sf debs 1977	77	80
Macco Realty Co—		
6s conv subord debs 1977-97	86	91
Mack Trucks Inc—		
5⅛s subord debs 1981 ww A-O	102½	104
Magnolia Park Inc—		
6s subord conv debs 6s 1969 A-O	n17	—
Major Realty Corp 6s w w 1967 F-A	f35	38
Without warrants	f35	38
Mallinckrodt Chemical Works—		
5s conv subord debs 1974	101	—
Mansfield Tire & Rubber Co—		
5s conv debentures 1974	82	84
Marine (The) Corporation—		
4¾s conv debs 1979 M-N	105	—
Marsh Supermarkets Inc—		
5s conv subord debs 1980 J-D	98½	100½
Mastan Co Inc—		
5½s senior notes 1977 A-O	100½	—
Maust Coal & Coke Corp—		
5¼s s f debs 1977 A-O	99½	—
Mead Corp 4s debs 1983 J-J	92	—
4½s debentures 1986 A-O	99	—
Melville Shoe Corp—		
4⅞s debentures 1980 A-O	101	103
Merchants Refrigerating 5s '72 J-J	f82	—
Miami Window Corp—		
6½s s f debs ww 1974 M-S	n40	—
Without warrants	n38	41
Microdot 5½s conv sub debs 1977	100	103
Miles Labs 4¾s conv sub debs 1980	120	125
Minneapolis-Honeywell Regulator—		
4½s s f debentures 1986 A-O	102	—
Minnesota & Ontario Paper—		
3.30s s f debs 1975 M-S	95	—
Mississippi River Fuel Corp—		
4¾s s f debs 1978 M-S	102⅛	—
5⅜s s f debentures 1980 J-J	103½	—
Mississippi River Transmission—		
5s s f debentures 1981 M-N	99¼	—
Modern Homes Construction Co—		
6s subord debs 1981 J-J	66	68
Units	24	27
Mohawk Airlines Inc—		
6s conv subord debs 1975 J-J	97	—
Mohawk Business Machines Corp—		
Conv subord debs 1969 M-N	f10	—
Montecatini 5½s debs '79 w w J-D	110	113
Without warrants	100¼	101¼
Moore McCormack Lines Inc—		
SS Argentine series 5s Nov 1978	104	—
Morris Shell Homes Inc—		
8s subord debs 1986 J-J	24	28
Motorola Inc 4¾s debs 1986 A-O	—	104½
Mountain Fuel Supply—		
3½s debentures 1971 A-O	93¾	—
3⅛s debentures 1974 J-D	88¼	—
4s debs 1983 J-D	93½	—
Mueller Brass Co—		
3⅝s conv subord debs 1975 J-D	84	88
Munsingwear Inc—		
5s conv subord debs 1980 A-O	139	144
National Bagasse Products—		
Subord debs 7s 1967	56	59
Units	145	165
National Equipment Rental Ltd—		
6s s f subord debs 1970 F-A	82	85
Nationwide Homes Inc—		
8s conv debs 1976 J-J	f6¾	8
Newark Electronics Corp—		
5¼s conv subord debs 1982 A-O	83	86
Nixon-Baldwin Chemicals Inc—		
6½s subord debs 1980 M-N	82	86
Northern Chemical Industries—		
5½s subord debs 1969 J-D	71	76
Northwest Nitro-Chemicals Ltd—		
Subord debs 6s 1979 J-D	f53	55
Oklahoma Cement Co—		
6½s subord debs 1974 J-D	94	98
5¾s s f debentures ww 1976 A-O	98	102
Without warrants	83	87
Old Empire Inc—		
6s conv subord debs 1971 J-D	65	75
One Hour Valet 6s 1975	47	52
165 Broadway Bldg Inc (N Y)—		
5½s 1970 W-S	91	93
Oswego Falls Corp.—		
4¼s conv subord debs 1976 A-O	113	117
Outdoor Development 7½s '76 J-D	32	38
Units	14	20
Pacific Air Lines, Inc units	123	—
6½s conv subord debs 1976 J-J	100	105
Pacific Far East Line Inc—		
Merchant Marine 5s 1981 J-D	104	—
Pacific Petroleums Ltd—		
5s conv debs 1977 J-J	101	104
5½s s f debs ww 1973 A-O	100½	102
5½s 1973 Ex-warrants	100½	101½
Packaging Corp of America—		
4⅜s s f debentures 1987 A-O	98⅞	99⅛
Park Place-Dodge Corp (N Y)—		
5s Sept 1972 (w s) M-N	f87	—
Parkview Drugs Inc—		
5½s conv subord debs 1977 J-D	106½	108
Pauley Petroleum Inc—		
5¾s conv subord debs 1976 J-D	98½	101
Peabody Coal Co 5¼s 1976 A-O	102	—
Pennsylvania Salt Mfg. Co—		
3.45s s f debs 1981 A-O	83	—
Penobscot Chemical Fibre Co—		
1st mtge 4⅛s 1974 A-O	94	—
5¾s conv subord debs 1980 J-D	99	102
Perfect Photo Inc—		
5½s conv subord debs 1980 A-O	58	62
Perrine Industries Inc—		
6½s conv subord debs 1979 J-D	29	33
Pet Milk Co 4¼s s f debs 1982 J-D	96	—
Photon Inc 5s conv sub dbs '71 J-D	195	—
Plastic Applicators Inc—		
6s conv subord debs 1969	68	78
Poli-New England Theatre—		
Gen income 5s Nov 15 1983 J-D	f84	—
Polymer Corporation—		
5½s conv subord debs 1975 A-O	94	—
Producing Properties 5s 1969	95¼	96¼
Puerto Rico Brewing Co Inc—		
7s s f debentures 1977 F-A	82	84
Units	16¾	17¾
Quincy Market Cold Storage—		
4s 1965 M-N	92	—
Ralston Purina 3⅛s 1977 A-O	85	—
Reading Tube Corp—		
5¾s s f debs ww 1974 J-J	—	100
Without warrants	95	—
Red Owl Stores Inc—		
4¾s conv subord debs 1978 F-A	105	—
Republic Pictures deb 4s 1965 J-D	f88	92½
Riegel Paper 3¾s debs 1980 M-N	89	—
3⅞s s f debentures 1981 F-A	91	—
5¼s s f debentures 1985 M-N	103	104
Ritter Company Inc—		
4½s conv subord debs 1980 J-D	100	102
Rogers (John) 6¼s 1976	158	—
Units	47	—
Roosevelt Hotel deb 5s 1964 M-N	f95½	—
Sachar Properties Inc—		
8s subord conv debs 1970 M-S	40	60
Units	80	—
Safeway Stores 4¼s ser B '69 M-N	99½	100½
Salem-Brosius Inc—		
5½s conv subord debs 1973	52	56
Schneider (Walter J) Corp—		
8s conv subord debs 1977	n85	95
Seagram (Joseph E) & Sons—		
4¼s debentures 1983 A-O	96	—
Servo Corp of America—		
6s conv subord debs 1974 A-O	57	—
Servomechanisms Inc—		
5s conv debs 1966 J-D	69	—
Shamrock Oil & Gas Corp—		
3½s s f debentures 1967 A-O	96¾	—
4⅝s s f debentures 1987 J-J	103	104
Sheraton Corp of America—		
6s debentures w w 1979 A-O	142	—
Without warrants	100½	102
5s w w 1967	106	110
Without warrants	95	98
4¾s 2nd conv debs 1967 M-S	94	97
6½s cum inc sub debs 1981 J-J	89	91
7½s cap inc s f debs 1989 J-J	f95	96½
Shin Mitsubishi Heavy Industries		
6½s conv debentures 1977 M-S	95¾	96¾
Simpsons Ltd 5s series B 1976 J-D	109	113
5½s series C 1979 M-S	94	95
South Coast Corp—		
Cum inc sub deb 5s 1973 M-N	92	95
Southern Bakeries 7⅛s debs 1989	70	80
Southern Industries Corp—		
7s income debs 1982	88	93
Special Metals Inc—		
6s subord debs 1976 J-J	88	91
Speedry Chemical Products—		
6s conv subord debs 1975 J-D	79	85
Sperry (The) Corp 3⅛s 1969 J-D	90	—
Sperry Rand Corp—		
5½s s f debs 1982 ww M-S	118¼	119½
5½s 1982 "without warrants"	104	105¼
Staley (A E) Mfg 3¼s 1977 J-J	87½	—
Standard & Shell Homes—		
9s subord s f debs 1985 M-N	30	50
Units	4½	—
Standard-Thomson Corp—		
5s debentures 1967 M-S	97	—
5s s f debs w w 1967 M-S	94	—
Stanrock Uranium Mines Ltd—		
Interest scrip 5¾s 1963	13¼	—
States Steamship Co		
5s SS series 1981 J-D	104	—
4¼s SS series 1987 M-S	100⅛	—
Steel Crest Homes—		
Sinking fund debs 8s 1981 M-S	75	80
Sterling Drug 3¼s debs 1980 A-O	86	—
Stouffer Foods Corp—		
4¼s conv subord debs 1981 A-O	99½	101½
Strouse Inc—		
6s conv subord debs 1981 M-S	83	88
Sun Chemical Corp 4¾s 1966 F-A	94	—
Sylvania Electric Products Inc—		
3¾s s f debentures 1971 M-N	93	—
4s s f debs 1978 F-A	95	97
4¾s s f debs 1980 M-S	100	—
5½s sinking fund debs 1984 M-N	104	—
Talley Industries Inc—		
5½s conv subord debs 1976 M-N	69	—
Tel-A-Signs Inc.—		
6½s conv subord debs 1974 M-S	66	71
TelAutograph Corp—		
4¾s conv subord debs 1965 J-J	75	80
Temco Aircraft Corp—		
5¼s conv subord debs 1971 A-O	85	90
Tenax Inc—		
5¾s conv subord debs 1970 A-O	f14	19
Texas Industries Inc—		
4.60s subord debs 1975 J-D	90	94
Textron American 5s 1970 Q-F	99	102
5s conv subord debs 1971 J-J	107	110
Textron Inc—		
5s subord debs ww 1984 F-A	117	118
Without warrants	89½	90½
Thompson Products 3¼s 1971 A-O	90	—
Thor Power Tool Co—		
4⅞s conv subord debs 1981 J-D	104½	107
Thrift Courts of America Inc—		
8s conv subord debs 1971 M-N	—	35
Units	—	200
Thriftimart Inc—		
6s conv subord debs 1977 J-J	110	—
5s conv subord debs 1980 J-D	98	101
Tokyo Shibaura Electric Co Ltd		
6⅜s conv debs 1978 M-S	99¾	100½
Tracerlab 5s conv debs 1970 M-N	80	85
Transnation Realty Corp—		
8s subord debs 1970 F-A	62	67
Triad Oil Co 4¾s 1971 M-S	83	84
Underwood Corp—		
5½s conv subord debs 1971 A-O	100	105
Union Sulphur & Oil 4s 1978 M-S	98	—
U S Industries—		
5½s conv subord debs 1971 J-D	101	104
4½s conv subord debs 1970 M-N	106	111
U S Plywood Corp—		
3.40s s f debs 1980 J-J	84	—
4¼s s f debentures 1981 J-D	91½	—
5¼s s f debentures 1985 A-O	101	—
United States Steel Serial Debs—		
2.65s 1963 F-A	99¼	99¾
2.65s 1964 F-A	98¼	98¾
Universal Container 6s 1971	81	85
Uris Buildings Corp—		
6½s s f debentures 1975	100	102½
Van Norman Industries Inc—		
4½s conv subord debs 1976 A-O	75	76½
Vinco Corporation—		
6s conv subord debs 1976 F-A	80	—
Vulcan Mold & Iron Co—		
6s conv subord debs 1981 M-N	93	97
Wacker Wabash Bldg—		
5s w s '65 J-J	147	—
Wallace Properties Inc—		
6½s conv subord debs 1975 J-D	117	125
Walnut Grove Products Co—		
6½s s f debs ww 1975 F-A	145	—
Without warrants	100	—
Walter (Jim) Corp—		
9s Dec 31 2000 F-A	100	103
5⅞s 1st sub deb 1981 w w J-D	80½	85
Washington Trotting Assn units	185	195
Sub s f 6½s 1977 M-S	80	85
Webb (Del E) Corp—		
6½s conv subord debs 1975 J-D	136	—
West Virginia Pulp & Paper Co—		
3¼s debentures 1971 A-O	93	95
4s debentures 1978 J-J	95½	98
Westinghouse Air Brake Co—		
3⅞s debentures 1978 M-S	94½	96
White Stores Inc—		
4¾s conv subord debs 1979 M-S	102½	104
Willoughby Tower Bldg Corp—		
(Chicago) 1st 4s 1965 A-O	f68	—
Winn & Lovett Grocery Co—		
Debentures 3¼s 1974 A-O	91½	—
Winn-Dixie Stores Inc—		
S f debs 3¾s 1976 A-O	75	79
Winston-Muss Corp—		
6½s conv subord debs 1981	80	84
Units	21½	23½
Witco Chemical Co Inc—		
5s sf debentures 1980 J-D	—	104½
Wyle Laboratories—		
5½s conv subord debs 1977 M-S	86	90
York Corp 3¾s s f debs 1974 A-O	91	94
Yuba Consolidated Industries—		
5½s conv subord debs 1975 M-S	f17	21
Zapata Petroleum Corp—		
5s convertible debs 1972 J-J	80	83

a Called for redemption, see page 94. e Ex-interest. f Flat price. s Last sale. n Nominal. * 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 DECEMBER 31, 1962

OVER-THE-COUNTER INDUSTRIAL AND MISCELLANEOUS STOCKS	Par	Bid	Ask
A & E Plastix Pak	*	8½	10
A & M Instrument	10c	7¼	7¾
A A A Trailer Sales	25c	½	1¼
A B C Air Freight	10	3¼	3¾
ABC Cellophane—Class A	10c	1½	2
A G Foods—Class A common	*	4¾	5¾
A K Electric Corp	1c	⅛	--
A. L. D. Inc	1	4⅜	4⅞
ATU Productions	10c	¼	½
Aaronson Bros—70c conv pfd	2.50	9¼	10¼
Abbey Rents	1	7⅞	8¼
Abercrombie & Fitch	1	24	26
$6 preferred	75	90	93
Aberfoyle Mfg	25	29	--
Abitibi Pwr & Paper	*	37¼	38
Able Land & Minerals Ltd	1	15c	20c
Accuracy, Inc	*	2½	3½
Accurate Electron	25c	1	1½
Accurate Specialit's	10c	45c	60c
Ace Trophies Corp	1c	¼	5/16
Aceto Chemical	1c	1½	1⅞
Acme Electric Corp	1	11	12½
Acme Industries	1	2¾	3¾
Acoustic Chemical	10c	5/16	7/16
Acoustica Assoc	10c	2	2½
Acrylic Optics	10c	¾	1⅛
Acushnet Process	2	28	30
Adams Engineering—Class A non-vot	10c	⅜	½
Addison-Wesley Publishing B com	*	23	26¼
Adelphi Electronics	10c	¾	1¼
Adirondack Indus	1	9½	10½
Adler Built Indus	10c	15c	35c
Adler Electronics	10c	11¼	12⅞
Adley Corp	2	7⅝	8⅛
Admiral Benbow Inn	*	9½	10
Admiral Boat Co	1	n5/16	9/16
Admiral Homes	1	1⅜	1⅝
Admiral Photo	10c	¼	⅝
Adson Industries	10c	2⅞	3¼
Advance Industries	1	1¼	1⅜
Advance Mortgage	1	8	8⅜
Advance Scientific Instruments	10c	1	1¼
Aero Geo Astro	20c	4⅝	5
Aero Industries	25c	1⅛	1½
Aeroflex Lab'tories	1	4¼	4¾
Aerological Res.	10c	1	1½
Aeronautical Elec'tr	1	2	2⅜
Aeronca Mfg Corp—55c preferred	10	5	6
5½% prior pfd	20	10	11
Aerotest Laborat's	10c	3¼	4¼
Aerovox Corp	1	3⅜	4⅛
Aetna Maintenance	*	2⅝	3⅛
Aileen Inc	1	15¼	16
Ainsbrooke Corp	1	6	6½
Ainslie Corp	1	95c	1.25
Airbalance Inc	5c	1⅛	1⅝
Air Express Int'l Agency Inc	50c	13¼	14
Airpax Electronics	1	3	3½
Air-Springs Inc	2c	¼	½
Airtek Dynamics	*	1	1½
Airtronics Internatl Corp of Florida	10c	2	2¼
Airwork Corp	1	6¼	7
Air-X Industries—Class A	10c	1⅜	1⅝
Ajax Magnethermic	*	12	13⅜
Aksman (L J) & Co.	10c	2½	3¼
Alabama Dry Dock & Shipbuilding	*	36	39
Alarm Device Mfg	10c	5	5⅝
Alaska Internat Corp	3c	15c	30c
Alaska Oil & Min	15c	3/16	5/16
Albee Homes Inc	*	9½	10¾
Albemarle Paper Mfg—Name changed to Ethyl Corp			
Alberta Gas Trunkline Co Ltd class A	5	25¾	26½
Alberto-Culver	*	61	62½
Albertson's Inc—Class B common	1	13¼	13¾
Alco Chemical Corp	1c	1⅜	1 7/16
Alco Oil & Gas	3½c	⅜	¾
Alcolac Chemical	20c	5⅝	6¼
Alcon Laboratories	*	20	20¾
Alden Electronic & Impulse class A	1	1	1¼
Algoma Steel Corp	*	40¼	41
Alico Land Development Co	1	5⅜	6
Alison Ayres Inc	10c	3½	--
Alix of Miami Inc Class A	25c	3¾	4¼
Alkon Industries	10c	2	3
All Star World Wide	10c	¼	⅝
All State Auto Rental	1	4	4½
All State Freight	1	7½	8
All-Tech Industries	10c	2¾	3¾
All Weather Roll N'ice class A	10c	1	1½
Allegheny Pepsi Cola Bottling Co	50c	10⅜	11⅝
Warrants		5¼	5⅝
Allegri-Tech Inc	50c	1¼	1¾
Allen (R C) Business Machines Inc	1	5⅝	6
Allen Organ class A	1	8¾	10
Allgemeine Elektricitaets-Gesellschaft Amer dep rcts		53	53¾
Allied Capital Corp	1	4¾	5½
Allied Empire Corp	1	8	10
Allied Entertainment Corp of America	5c	3¼	4
Allied Graphic Arts Inc	1	6	6½
Allied Maintenance	3	20¼	22¼
Allied Petro-Prod	10c	1⅛	1½
Allied Properties	*	17	18⅞
4½% conv pfd	50	46¾	50¾
Allied Radio Corp	1	17¾	19⅝
Allied Research Assoc		3	4
Allied Thermal Corp	25	30	31½
Allis (Louis) Co	10	21	22
Alloys and Chemicals	1	8⅞	9⅜
Allstate Bowling Centers Inc	10c	n2¾	3¼
Allvac Metals Co	1	5	5½
Allyn & Bacon Inc	50c	25¾	28
Almo Industrial Electronics cl A	1	2½	2⅞
Alpine Geophysical Associates Inc	10c	2	2⅜
Altamil Corp	50c	6	6⅜
Alterman Foods	2.50	23¼	25⅜
Alton Box Board	10	--	19
Aluminum & Chemicals Corp (Del)	30c	⅜	⅝
Aluminum Insul	10c	8c	16c
Aluminum Specialty	5	3⅝	4⅛
Amalgamated Leather	1	1⅛	1⅜
6% conv pfd	50	a--	--
Amalgamated Sugar 5% 1st preferred	10	9⅞	10⅛
Amarlite Corp	1	11¼	12
Ameche-Gino Foods—Name changed to A G Foods			
Amerford Int'l	10c	3¼	4½
America Corp	1	⅞	1⅛
Amer Aggregates	5	24	25
American Air Filter	1	24½	25½
Amer Alloys Corp	25c	20c	35c
6% conv pfd	5	1	1½
Amer Asiatic Oil	1p	½c	1⅛c
Amer Automatic Vending Corp	*	7	7½
Amer Auto Stores Class A	10c	6½	7¼
American Bank Stationery Co	1.25	21	23
Amer Beverage Corp 20c prior preferred	1	2¼	--
Amer Biltrite Rubber—Common	*	16½	17¾
6½% 1st pfd	100	97	--
2nd preferred	*	13½	14½
Amer Boatbuilding	15c	½	1
Amer Bowl'g Enterpr	1	1¼	1⅝
American Building Maintenance Indus	*	7⅛	7⅞
Amer Cement Corp	5	9⅞	10½
American Chrome	1	1¾	2¼
Amer Consumers Ind 6% non-cum pfd	100	100	--
Amer Cryogenics	50c	11⅝	12¾
American Data Mach Inc	10c	¼	⅝
Amer Dredging	12½	88	98
Amer Duralite	10c	⅝	⅞
Amer & Efird Mills	1	6¾	7½
Amer Electronic Labs class A	1	10¾	11¼
Amer Express Co	5	50¼	53
Amer Factors Ltd	10	29¼	31½
American Felt Co	10	15	16
Amer Foods Inc	10c	2⅜	2⅞
Amer Forest Prod	2½	17½	19½
Amer Furniture Co	1	4⅞	5⅛
Amer Furniture Mart Bldg (Chicago)	1	24¼	--
American Gas Co	1	3	3½
Amer Greetings Corp—Class A common	1	34¼	36⅞
Amer Gypsum Co	1	3⅝	4¼
Amer-Hawaiian SS	10	105	--
Amer Heritage Pub	25c	8⅛	8⅞
Amer Hoist & Derrick	1	13¾	13⅞
Amer Hydrocarbon	10c	37c	42c
American Insulator	1	16	18
Amer International Bowling Corp	10c	⅞	1⅛
Amer International Development	1c	n⅛	⅜
Amer Kosher Provisions Inc	10c	4½	5
Amer Laboratories	*	1¾	2⅛
Amer Locker Co—Class A	1	6¾	7½
Class B	20c	4⅛	4⅝
American Mason Safety Thread	*	6	--
American Micro Devices cl A	10c	40c	45c
American Packing	1	⅛	⅜
American Pipe & Construction	5	11¾	12⅞
Amer Precision Industries	55 5/9c	4⅜	4⅞
Amer President Lines Class A common	*	53	58
5% preferred	100	71	76
Amer Realty & Petrol—Now listed ASE			
Amer Recreation Centers Inc	*	1⅜	1¾
American Rubber & Plastics Corp	1	18½	20⅜
American Safety Equipment Corp	25c	6⅛	6½
Amer Safety Table	10c	6¾	7¼
American-Saint-Gobain Corp com	7.50	6¾	7¼
5% preferred	25	9¾	10¼
Amer Self Service Stores Inc	*	5⅞	6¼
Amer Service com	1	3¼	4¼
Class A	*	25	30
Amer Shopping Centers Class A com	1c	1	1⅜
Class A pfd	1	⅜	⅝
Amer Stamping Co	2	15½	--
American States Oil	2	1c	5c
Amer Steamship Co	100	486	--
Amer Sterilizer	3.33⅓	21¾	22¾
Amer Techn Mach	10c	2	2⅜
Amer Univend Corp	1.50	3½	4¼
Amer Variety Sts	10c	1⅝	2
Amer Vitrified Prod	1	20	22
Americana Properties	10c	1¾	2¼
Amerline Corp class A	1	18	19⅜
Ames Dept Stores—Class A com	50c	2⅛	2⅜
Ames (W R) Co	2	20	22
Amoskeag Co com	*	64	66
$4.50 preferred	*	87	--
Ampco Metal Inc	2½	6¼	6⅝
Ampoules Inc	*	¾	1
A M T Corp	1	12½	13¼
Anacon Lead Mines	20c	¼	5/16
Anadite, Inc	*	17	18⅞
Anchor Coupling	1	12	12½
Anchorage Gas & Oil Development	1	¼	½
Andersen Labs	*	1⅞	2½
Anderson Electric—Common	1	9½	10½
60c conv pfd	8.50	12½	14
Andy Gard Co	1	5¼	5¾
Anelex Corporation	1	14¼	15¾
Warrants		23	26
Anemostat Corp of America	2	6¼	7½
Angelica Uniform	1	16½	17½
Anglo Amer Oils Ltd	*	2	2⅜
Anglo Amer Ship'g	£1	5⅞	6⅜
Anglo Ecuadorian Oilfields Ltd 'ADRS'		90c	1.10
Anheuser-Busch Inc	4	47	49½
Anodyne Inc	1c	¾	1
Anscot Chemical Industries, Inc	1c	1/16	5/16
Ansonia Wire & Cable	1	5⅞	6¼
Apco Mossberg Co	1	5	6
Apell Petroleum	1	¼	½
Applied Arts Corp	1	7	7¾
Applied Electronics Corp of N J cl A	10c	1¾	2½
Warrants		½	1
Applied Physics	1	9½	10¾
Applied Research	25c	3	4
Aqua-Chem Inc	1	5⅝	6⅜
Aqualfilter Corp	10c	8c	--
Architectur'l Marble	25c	n1½	2
Arcs Industries	10c	2¾	2⅞
Arden Farms com	1	12⅝	13⅝
$3 partic pfd	*	49¼	52¼
Arista Truck Renting Corp	1c	3½	4¼
Arizona Agrochem	2½	4⅜	5⅛
Arizona Biochemical	1c	1⅜	1¾
Arizona Color Film Processing Labs	1	16c	22c
Arizona Valley Devel	1	1½	1⅞
Arkansas Valley Industries Inc	3	13¾	14½
Arkay International	10c	1¼	1½
Arlan's Dept Sts	1	20	21¾
Armstrong (A J) Co	1	22¼	23¼
Armstrong Paint & Varnish Works	5	14½	15
Arnav Industries	10c	4¼	4¾
Arnold Graphic Industries Inc	2	5	--
Arnold Hoffman & Co	10	49	--
Aro Corporation 4½% preferred	50	43	--
Arrow Hart Hegeman Electric Co	10	59¾	61⅛
Arrow Liqueurs Corp	1	n11	--
Arrowhead & Puritas Waters Inc	1	15¼	16¾
Art Metal Inc	1	8	8⅜
Arts & Crafts Materials Corp	*	5⅜	5⅝
Arvida Corp class A	1	5⅝	6⅛
Arway Mfg Corp	25c	⅝	1
Arwood Corp	*	3	3¼
Asbestos Corp Ltd	*	25	25¾
Asgrow Seed Co	10	11½	12½
Ashland Oil & Ref—$5 preferred	*	99	--
Assembly Products	1	9⅛	10
Associated British Foods Ltd "adrs"		1.28	1.38
Associated Develop & Research Corp	1	1¼	1⅝
Associated Products	1	10⅛	11
Associated Sales Analysis class A	5c	2¾	3⅜
Assoc Spring Corp	10	14½	15½
Associated Stationers Supply Co	*	10¼	10¾
Associated Transport	*	21¼	22
6% conv pfd	100	115	120
Associated Truck Lines Inc class A	3	20¾	21¾
Astek Instrument	10c	1¼	1⅝
Astrodata Inc	*	1⅜	1¾
Astron Corp	10c	6	6⅜
Astron Industrial Assoc Inc	20c	a2¼	2½
Astro-Science Corp	1	⅞	1¼
Atlantic Bowling Corp	*	⅝	1
Atlantic City Racing Association	50c	11½	12½
Atlantic Co	*	20	--
Atlantic Improv	25c	17¼	18⅞
Atlantic Steel Co	5	19½	20
Atlantica Del Golfo Sugar Co	5	½	¾
Atlas Electronics	10c	1	1⅜
Atlas General Indus $1.25 conv preferred Stamped		22½	25
Atlas Hotels, Inc	*	5	6
Atlas Steel Ltd	*	32	32¾
Atlas Tack Corp	*	8	10
Atmos-Pak Inc	40c	4	4¾
Audiographic Inc	10c	⅛	5/16
Augusta Chemical Co	1	2	3
Australian Oil & Gas	5s	6¼	6⅝
Australian Oil Corp	1	1	1¼
Authenticolor Inc	5c	3½	4
Auto Solar Co	1	4¾	5¼
Automated Building Components Inc	50c	6½	7
Automated Merch'g Capital Corp	1	5½	6
Automated Prints	10c	7½	8¼
Automatic Cafeterias for Industry Inc	10c	½	¾
Automatic Data Processing	10c	1⅝	2
Automatic Retailers of America Inc	50c	37	39⅜
Automation Indus	1	4	4⅝
Automat'n Lab Inc	10c	¾	1¼
Autosonics Inc	5c	⅜	¾
Aveeno Pharmaceutl	1c	4	4½
Avery Adhesive Products Inc	1	11⅝	12⅝
Avildsen Tools & Machines com	1	1	1½
5% prior pfd	5	2	2⅜
6% preferred	5	2¾	--
Avis Inc	5	8	8⅜
Avondale Mills	1	28	30
Avon Products Inc	2.50	87½	90½
Ayres (L S) & Co com	5	34½	37½
4½% preferred	100	93½	98½
4½% pfd '47 ser	100	93½	98½
Aztec Oil & Gas	1	14⅝	15¾
B B C Industries	10c	2½	2¾
B/G Foods Inc	1	12	14
BMC Industries com	1c	¼	7/16
7% conv pfd	7.50	⅞	1¼
B S R Ltd Amer deposit rcts		5¾	6¼
B T U Engineering	10c	1½	2
Babcock Electronics	1	13½	14½
Bacardi Corp	10	54	56
Bacharach Industrial Instrument Co	1	10¾	11½
Backstay Welt cl A	*	25	--
Badger Northland	1	7¼	8
Badische Anilin & Soda-Fabrik "adra"		54¼	55¼
Bagdad Copper Corp	5	5¾	6¼
Baird-Atomic Inc	1	6¾	7½
Balcrank Inc	1	24	--
Baldwin-Ehret-Hill	1	4	4½
Baldwin Piano	8	40	43
Baltimore Paint & Chemical Corp	50c	3¼	3⅞
Warrants		⅞	1⅛
6½% conv 1st pfd	20	16	17
Balt Radio Show	20c	5½	--
Bank Bldg & Equip	2	25½	27¾
Bank Leumi le-Israel		1.05	1.20
Bankers Bond & Mtge Guaranty Co of Am	*	8¼	9¼
Bankers Bldg (Chi)	5	67	--
Bankers Dispatch	1	17	18½
Banlife Corporation	10c	50½	52½
Banner Industries 1963 warrants		¼	½
Barber-Greene Co	5	13⅝	14⅛
Barcalo Mfg	5	3¼	3¾
Barden Corp	1	11	11¾
Bargain City (USA)	1	1/16	¼
Barnwell Industries	50c	½	¾
Barr Corporation	25c	1¾	2⅛
Barry (R G) Corp	1	4	4½
Barry-Martin Pharmaceuticals A	10c	1	1½
Barth Vitamin class A	1	5¼	5⅝
Barton Distilling	1	10½	11½
Barton Instrument	*	6¼	7¾
Basic Atomics	10c	3/16	5/16
Basic Properties com	1	1⅝	1⅞
Class A	1	9⅛	10

*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 DECEMBER 31, 1962

Stocks—	Par	Bid	Ask
Basic Witz Furniture Industries Inc	10	11¾	12¾
Bates Mfg Co com	10	7⅜	7⅝
4½% preferred	100	89	—
Bauer Aluminum	50c	1¾	2¼
Bausch & Lomb Inc— 4% preferred	100	79	81
Bayless (AJ) Markets	1	12¼	13¼
Beam-Matic Hospital Supply, Inc	10c	1⅝	2
Beauty Counselors	1	36	38⅜
Beaux Arts Prop	1	70	75
Bechtold Engineer'g	5c	2⅛	2½
Becton Dickinson	1	30½	31
Beecham Group Ltd— Amer deposit rcts		5¼	5½
Behlen Mfg Co	1	8½	9½
Bekins Van & Storage	5	8	9½
Belknap Hardware & Mfg Co	*	11¼	12
Bell Television	10c	¾	1¼
Belle Isle Corp	20c	12¼	13⅝
Belmont Iron Works	5	12½	13½
Bemis Bros Bag	25	57½	61½
Benbow Astronautics— Class A	5c	⅜	¾
Benson Iron Ore	1	16	—
Benson-Lehner Corp	1	6¼	6¾
Benson Mfg Co	1	2⅛	2½
Benton Harbor Malleable Indust	1	5	7
Bergstrom Paper Co— Class A common	1	14¼	15½
Berkshire Distrib	1	2¼	2⅝
Berkshire Hathaway	5	7⅜	8⅛
Berlant Automonitor	1c	7/16	¼
Berman Leasing Co	1	16⅞	18⅛
Bernz O Matic Corp— Class A	1	17¼	17¾
Berry Industries	1	n6½	7½
Beryllium Corp	50c	18¼	19⅝
Beryllium Mfg Corp	25c	1½	1⅞
Besco Enterprises	1	1½	1¾
Best Plastic Container Corp	10c	⅛	⅜
Best Plastics Corp	10c	2¼	2¾
Bevis Shell Homes	50c	10c	22c
Bibb Mfg Co	12.50	15½	16¼
Bicor Automation Industries class A	10c	1½	1⅞
Biederman Furniture	1	4	4⅜
Big Apple Supermarkets Inc	10c	1/16	1/16
Big Bear Stores— Class A com	33⅓c	14¾	15½
Big "C" Stores	*	2¾	3⅛
Big Drum, Inc	*	8⅝	9⅛
Big Horn-Powder River Corp	10c	21c	25c
Billups Eastern Petroleum Co	1	1¾	2¼
Billups Western Petroleum Co	1	7⅛	7⅞
Binney & Smith	2.50	14¼	15⅜
Biochemical Procedures Inc	1	1¾	2⅛
Bird & Son common	*	19¼	21
$5 preferred	100	83	—
Bird Machine Co	*	27½	—
Birtcher Corp	1	2½	2¾
Bischoff Chemical	10c	n⅝	1
Bishop & Babcock	*	3½	4
Bismarck Hotel Co	*	83	—
Black-Clawson Co	*	22	25
Black Sivalls & Bryson Inc	1	13	13½
Blackman Merchandis'g Class A com	1	7	7⅞
Blatt (M) Co	25c	1½	2¼
Bliss (E W) Co $1.80 conv pfd	*	35½	36½
Bloch Brothers Tobacco Co	12.50	18½	—
Bloomfield Indus	1	11⅛	12⅛
Blue Bell Inc	5	22	23
Blue List Pub Co	50c	7⅞	8¾
Blue Ridge Indus	10c	n⅜	¾
Blyvooruitzicht Gold Mining Co "Adrs"		4½	5
Bogue Elec Mfg	1	3	3⅜
Bohn Business Machines	5c	5¾	6⅝
Boise Cascade Corp	5	22½	22⅝
Bolt Beranek and Newman Inc	*	3⅞	4½
Bon Ami Co	*	9¾	11
Bonanza Air Lines	1	3⅝	4⅛
Bonneville Ltd	1	7¾	8¼
Bookshelf of Amer	10c	⅞	1⅜
Boone (C F) Nation-wide Publications	80c	½	1
Boonshaft & Fuchs	25c	2¾	3½
Boonton Electronics	10c	1½	1⅞
Booth Newspapers	*	128	136
Borax (Holdings) Ltd Am dep rcts def ord		2⅛	2½
Boro Electronics	35c	1	1½
Boss-Linco Lines cl A	1	7½	7⅞
Boss Manufacturing	25	18	20
Bostitch Inc— Class A common	4	30	32
Boston Herald-Traveler Corp	*	26	29⅜
Boston Insurance Exchange Bldg $5 pfd	*	19	—
Boston Pneumatics— Class A	10c	¾	1⅛
Boston Sand & Gravel Co	1	11	—
Boston Wharf Co	50	60	67
Botany Industries	1	3¼	3¾
Bourbon Stock Yards	*	50	—
Bourns Inc	50c	22½	25¼
Bowater Paper Corp— Amer deposits rcts		4½	5
Bowey's Inc	1	4⅝	5
Bowl-Mor Co Inc	10c	4⅝	5⅜
30c preferred	1	n3	3⅝
Bowl America	10c	1½	2
Bowman Products	*	15⅝	16⅞
Bowmar Instrument	*	10¼	11¼
Bowser Inc Co com	1	5¾	6½
$1.20 preferred	25	20	21¾
Boyertown Burial Casket Co	10	12½	13½
Bradley Industries	1	2¾	3⅛
Bradley Real Estate Trust (Mass)	1	6¾	7¾
Bramalea Consolidated Developments Ltd	*	4¼	4¾
Warrants		1⅜	1¾
Branston Instrum'ts	1	12¾	13¼
Braun Engineering	1	3¾	4¾
Warrants		6	—
Brenco Corp	1	16½	17½
Breskin Publications	1	11½	12⅞
Brew (Rich D) & Co	1	1⅛	1½
Brewster-Bartle Drilling Co	2	3⅛	4⅛
Bristol Brass Corp	10	9½	10
Bristol Dynamics	1c	2¼	3½
Brite Universal	10c	—	2
British Aluminum Ltd Amer deposit rets		5¼	5¾
British-Amer Const & Materials Ltd	5	7⅜	8¼
Warrants		2¼	3
British Columbia Forest Prod Ltd	*	11¼	11⅝
British Motors Ltd— Amer deposit rcts		1.85	2.05
British Oxygen Amer deposit rets		1⅝	2
Britton Electronics	1c	2c	10c
Brockway Glass	5	20	22
Broderick & Bascom Rope Co	1	13	—
Broken Hill Proprietary Co Ltd	£1	5.40	5.60
Brooks & Perkins	1	4	4¼
Brothers Chemical Common class A	10c	1⅞	2⅜
Brown & Sharpe Manufacturing Co	10	35	37
Brown Engineering	1	20	21
Brown Fintube— Class A common	1	8¾	9¾
Brown (W A) Mfg	*	4⅞	5⅜
Browning Arms Co	1	9¾	10¼
Browning-Ferris Machinery Co	1	6½	—
Bruning (Charles)	3	30¼	32¾
Brunswig Drug	1	13½	14⅞
Brush Beryllium Co	1	14⅜	15⅜
Buck Creek Oil	25c	1	1½
Buckeye Corp com	1	5/16	7/16
5% conv pfd A	10	½	1
Buckeye Steel Cast	*	22½	24⅝
Buehler Corp	*	7½	7⅞
Buffalo-Eclipse	1	17	—
Buffum's (Cal)	5	11¾	12⅞
Bulolo Gold Dredging Ltd	5	7⅛	7½
Bundy Electronics	10c	⅝	1⅛
Burger Brewing	*	30	33½
Burgess Vibrocrafters	3	7¼	8¼
Burgmaster Corp	1	11¼	12¼
Burma Corp Ltd— Amer dep receipts		⅜	—
Burmah Oil Ltd— Amer deposit rcts		6	6⅞
Burnham & Morrill	1	10⅞	11⅞
Burnham Corp com	15	18	—
6% preferred	50	40	—
Burns (William J) Internat'l Detective Agency class A	1.50	20¼	21¾
Burrus Mills Inc com	*	11	12
4½% preferred	100	55	67½
Burton Mfg Co	1	3/8	5/8
Bush Term Bldgs	10c	35	37⅛
Business Property Associates	100	12	13½
Butler Mfg Co— Common	25	29½	32
4½% 1st pfd	100	85	—
Butterick Co com	1	17	—
5% non-cum pfd	50	20	—
Eyer-Rolnick Hat	10	16⅛	16⅝
Byllesby (H M) Co	10c	5¼	5⅞
Bymart Tintair com	1c	⅛	⅜
5% preferred	1	2½	3½
Bzura Chemical	25c	1/16	3/16
C E I R Inc cl A	16⅔c	5¾	6¼
C F C Industries	10c	—	3
C F M Co	1	1	1⅜
C-Mar Instrument	1	½	1
C W S Waveguide	1c	1/16	3/16
Cadillac Conduit	10c	7¾	8¾
Cadre Industries	2	5¼	5¾
Cahokia Downs Inc	1	1½	2
Cal-Val Research & Develop Corp	10c	⅞	1⅜
Calandra Photo Class A common	1	3	3⅝
Caldor Inc	10c	7¼	8⅜
Calif Computer Products Inc	50c	10	11¼
Calif Corp for Biochem Research	1	2⅞	3¼
California Liquid Gas Corp	1	19⅛	20½
Calumet & Hecla $4.75 pfd series A	*	92	—
Calvideo Electronics	10c	n1/16	3/16
Camco Inc	1	13¼	14⅞
Camloc Fastener	2	6¾	7¼
Camp Chemical	10c	2¾	3⅛
Campbell Taggart Assoc Bakeries	1	22½	23½
Campus Casuals of Calif	1	7⅞	8⅝
Can (R C) Co See R C Can Co			
Canada Dry Bottling Co of Florida	5	13	16
Cdn Delhi Oil Ltd	10c	2⅝	3
Canadian Husky Oil Warrants		1⅛	1⅜
Cdn Superior Oil Ltd	1	11⅝	12⅝
Canal Assets Inc	10c	29½	31⅞
Canandaigua Enterprises Class A common	1c	2⅜	2⅞
Cannon Electric	1	16¼	17¾
Cannon Mills com	*	61½	65½
Class B	25	60½	62
Cannon Shoe Co	1	5½	6
Cap & Gown Co cl A	1	8⅝	9
Capehart Corp (N. Y.)	50c	1⅜	1⅝
Capital for Technical Industries	1	5¾	6⅜
Capitol Products	50c	5¾	6⅞
Car Plan Systems	10c	¼	½
Carboline Co	1	4⅝	5
Caressa Inc	50c	7	7¾
Carhart Photo Inc	10c	2¾	3⅛
Caribbean Cement— Amer deposit rcts		5¼	5⅝
Caribbean Corp	1c	10c	25c
Caribbean Shoe	1c	2	2⅜
Caribe Stores Inc	50c	35c	45c
Carlon Products	*	5¾	6½
Carmer Industries	10c	2⅞	3⅜
Carnaco Equipment	10c	2¾	3¼
Carolina Metal Prod	1	1¼	1¾
Carolina Pac Plywood	*	3⅛	3⅝
Carolina Pipe Line	1	7	8⅜
Carpenter (L E) & Co	1	6¾	7⅝
Carrier Corporation 4.80% 2nd pfd	50	48	49
4½% prefered	50	48½	49½
Carrington (George S) Class A	1	3½	4½
Carrols Inc	1	4	4¼
Carrtone Labs	10c	1	1½
Carson Pirie Scott & Co Common	5	11¾	12¼
4½% preferred	100	83	—
Carter (Wm) Co	100	300	350
Carthage Marble vtc	1	22	24
Carwin Co	2	a—	—
Cary Chemicals	10c	3	3½
Casa International	50c	¾	1½
Case Pomeroy & Co	5	115	—
Caspers Tin Plate	1	4¾	5⅛
Cassco Corp	1	2⅛	2½
Castle & Cooke	10	25⅞	26⅜
Catalyst Research	32c	2½	3
Cavitron Ultrason	10c	4	5
Ceco Industries	25	¾	⅞
Cedar Point Field Trust ctfs of ben int		2¾	3¼
Center Labs Inc	10c	1⅜	1¾
Central Charge Ser	1	7½	8
Central Coal & Coke	1	23	—
Central Cold Storage	20	45	48
Central Instrument	1	10c	16c
Central Manhattan Properties	1	4	6
Central Steel & Wire	5	51	—
Central Transformer	1	6¾	7½
Central Wisconsin Motor Transport	1	10	11¼
Century Properties	1	4⅝	5¼
Century-Special	5c	7/16	9/16
Cerametals Indus	20c	½	1
Certified Industries— Class A	1	6¼	6¾
Certif'd Pharmacal	10c	2¾	3⅛
Cetron Electronic	1	1⅛	1½
Chadbourn Gotham— Warrants		½	¾
4½% conv pfd	50	31¼	32¼
Chain Store Real Estate Tr (Bost)	100	7	—
Chalco Engineering	10c	⅛	⅜
Challenger Prods	10c	3	3¾
Chambersburg Engineering Co	10	17	—
Chamberlain Co of Amer 5% pfd	25	16¾	25
Champion Parts Rebuilders	10c	4	4½
Chance (A B) & Co	5	16	17¾
Chandler Leasing	1	3¼	4
Charles Jacquin Et Cie Inc	50c	6½	7⅜
Charles of the Ritz, Inc	1	19¼	21¼
Charles Street Garage— 7% pfd	100	40	—
Charles Town Racing Assn	10c	54c	60c
New common 1 for 5 reverse split		2¾	3⅛
Chart-Pak Inc	1	4⅜	4⅞
Charter Credit	10c	½	⅞
Charter Industries	10c	½	1¼
Charter Mortgage & Investment Co	1	2	2¾
Chase General Corp— Common	1	20c	30c
5% conv A pfd	20	1	1½
Chemalloy Minerals	1	80c	90c
Chemex Industries	25c	⅞	1⅛
Chemical Contour	*	3¾	4¾
Chem Enterprises	25c	3¼	3½
Chemical Products	1	30	32
Chemirad Corp	10c	1⅛	1½
Chemsol Inc	50c	1	1⅜
Chemtree Corp	10c	2	2½
Cheney Bigelow Wire Works com	*	a—	—
6% partic pfd	25	a—	—
Chesapeake Instru't	1	½	1
Chester Electronic Laboratories Inc	*	2¾	3½
Chester Litho Inc	10c	1	1¼
Chicago Aerial Industries Inc	2	6½	7½
Chicago Builders Building vtc	*	69	—
Chicago Helicopter Airways Inc	1	4⅝	5
Chic Mill & Lumber	10	26½	27½
Chicago Molded Prod	1	6¾	7½
Chicago Musical Instrument Co	1	27	28½
Chicago Title & Trust Co	20	115	—
Childcraft Equip	25c	⅞	1¼
Chilton Co	10	26	29
Chomeries Inc	10c	4½	5½
Church & Dwight	*	48	52
Churchill Downs Inc	*	x17	—
Churchill Stereo	5c	1	1¼
Units		1⅛	1½
Cincinnati Enquirer	*	21	22½
Cin Union Stock Yds	*	21	—
Circle Controls	10c	⅝	1
Clairtone Sound	*	4	4½
Clarise Sportswear	10c	2½	3
Clark Oil & Ref	1	7¼	7¾
Clarkson Labs Inc	1c	¼	7/16
Claude Southern	10c	1⅜	1⅞
Clayton Corp	1c	⅜	½
Clayton Mark & Co	5	3¾	4⅜
Clayton Silv Mines	10c	20c	25c
Cle-Ware Indus	*	5¼	5¾
Cleve Builders Supply	*	21	24
Cleve Trencher Co	5	6	7
Clifton Mfg	20	41	43
Clifton Precision Products Co	1	16½	18⅜
Clinton Engines Corp	1	1¾	2
Cloverleaf Kennel Club class A	1	6¾	7¾
Cluett Peabody— 4% 2nd conv pfd	100	90	—
Clute Corp	1c	20c	35c
Coastal Publications	60c	1⅛	⅞
Coastal Ship Corp	1	19	23
Coastal States Gas Prod com	33⅓c	26	26½
Series A "wts"		23	24
Series C "wts"		16	17
Coca-Cola Bottling of Los Angeles	*	19½	21½
St Louis	1	6	6½
Cocoa-Cola Bottling Plants (Port'd) Me	*	7	8
Coca-Cola Internat'l	*	n1,475	—
Cohen (Dan) & Co	*	4½	—
Colber Corp	20c	1⅝	2
Coleco Industries	*	4¼	5
Cole National Co— Class A com	10	19	19¾
Coleman Cable & Wire class A	1	5	5⅜
Coleman Engineering	1	5½	5⅞
Warrants		⅛	½
Collyer Insulated Wire Co	*	17½	19⅜
Colonial Aircraft	10c	5c	25c
Colonial Mortgage Service Co rcts		⅜	—
Colonial Stores com	2.50	15¾	16½
4% preferred	50	40	—
5% preferred	50	48	—
Color Craft Prod	1	n3½	4
Color Lithography	10c	¼	⅝
Color Reproductions	1c	¼	¾

• 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 DECEMBER 31, 1962

Stocks—	Par	Bid	Ask
Colorado Milling & Elevator Co	1	19¾	21¾
Colorado Oil & Gas Corp com	3	10	11½
$1.25 conv pfd	25	22½	23
Colorite Plastics	25c	4¾	5⅜
Warrants		1¼	1¾
Colorplate Engravg	10c	⅛	⅜
Columbia Cellulose	*	3¾	4
Columbia Technical	10c	⅞	1¼
Columbia Toys cl A	25c	4	4¼
Columbian Bronze	1	4	5
Columbus Electronics Corp class A com	10c	⅛	¼
Columbus Plastics Products Inc	*	8¾	9½
Colwell Co	1	14½	16¼
Combined Locks Paper Class A	1	22	23½
Commerce Clearing House Inc	1	23	24
Commerce Drug Co	50c	11½	12½
Commercial Shearing and Stamping	1	14⅝	15¼
Commerzbank Amer dep rcts		52¼	53
Commonwealth Oil Refining Co Inc	2c	8⅝	9¼
Commonwealth Thea of Puerto Rico	*	6	6¾
Community Charge Plan	25c	2	2¼
Warrants		⅝	1
Community Research & Development	1c	7¾	8¼
45c preferred	5	7¼	8
Components Corp of America	1	2⅜	2⅝
Components Special	10c	½	⅞
Compression Indus	10c	n⅛	--
Computer Applica's	10c	4	4⅜
Computer Equipment	*	¼	½
Computer Instrumts	25c	4	4¾
Computer Oriented Research & Eng	*	1	1¾
Computer Systems	10c	1⅛	1½
Computer Usage	25c	11	11¾
Concert Network	10c	¼	⅜
Conductron Corp— Class A com	1c	8⅛	8⅝
Cone Mills 4% pfd	20	17½	--
Conlon-Moore Corp	1	3	3½
Conn (C G) Ltd	5	9	9¾
Connohio Co Inc com	1	2½	3
40c conv pfd	10	7	8
Conolite class A	10c	3⅜	3¾
Conrad Carson Electronics Inc	1	⅛	¼
Consol Aerosol	10c	⅝	1
Consolidated Airborne Systems class A	10c	⅞	1¼
Consolidated American Services	1	2½	2¾
Consol Bottling	1	2¾	3¼
Warrants		5⅛	5⅝
Consol Bowling	10c	2	2½
Consolidated Business Systems Inc	10c	3	3¼
Consol Freightways	2½	12¾	13¾
Consolidated New Pacific Ltd	1	⅛	¼
Consol Oil & Gas Warrants		1⅜	1⅝
Consolidated Paper Corp Ltd	*	33½	34½
Consolidated Papers Inc (Wisc)	12.50	28	30
Consol Rendering	6.25	16½	18
Consolidated Research & Mfg class A	10c	1/16	⅛
Consolidated Rock Products Co	5	22	23⅞
Consol Sun Ray Inc 5% preferred	20	5	--
Construc Design	50c	3¼	3¾
Consul & Designers	1	4⅜	4⅞
Consultants Bureau Enterprises cl A	10	1	1⅜
Consumers Automatic Vending Inc	10c	1¼	2⅛
Cont'l Commercial— 60c conv pfd	10	6½	--
Cont'l Enterprises	10c	1 7/16	1⅝
Continental Motor Coach Lines Inc	1	36	--
Continental Screw Co	1	14	14¾
Continental Tob	10c	⅛	⅜
Continental Transport Lines Inc	1	10	11
Control Circuits Inc	10c	⅞	1⅜
Control Data Corp	50c	32	34
Cook Coffee Co	1	14¾	15½
Cook Electric Co	1	4	4⅜
Cooper (Peter) Corps— 6½% preferred	100	95	100
Cooper Tire & Rubber Warrants		6¼	6¾
Coplay Cement Mfg	20	130	170
6% preferred	100	160	--
Copymation Inc	50c	14	14¾
Coral Ridge Prop— Class A com	10c	1⅛	1⅜
60c conv pfd	8	7½	8¼
Cormac Chemical	1c	½	1/16
Cornell-Dublier Electric Corp com	1	10¾	--
$5.25 pfd ser A	*	87	93
Cornet Stores	2	7½	8⅜
Corrigan Communic	1c	1/16	¼
Corson (G & W H)	1	13	14
Cory Corp	1	5¾	6⅞
Cosmetic Chemicals	1c	1¾	2¼
Cosmo Book Distributing	10c	6⅜	6⅞
Cosmodyne Corp	*	15¾	17¼
Cosmos Industries	10c	1	1¼
Cosnat Corp— Class A common	10c	2¾	3¼
Country Set Inc	*	6	6¼
Courtesy Products	1	1⅜	1¾
Cousins Properties	1	6¼	7
Cove Vitamin & Pharm Common	50c	3	3⅝
Warrants		1¼	2
Cowles Chemical Co	1	17	18⅞
Cowles Magazines & Broadcasting	1	10¾	11¾
Cracker Barrel Superm'kets Inc	10c	¼	7/16
Craig Systems	1	6¼	6⅞
Cramer Electronics	1	3⅝	4
Crampton Mfg com	1	2½	2¾
Warrants		⅜	⅝
6% conv pfd	10	10¾	11½
Crawford Corp	1	3½	4
Creative Playthings	1	5¼	5¾
Crescent Engineering & Research Corp	*	⅞	1¼
Crescent Niagara	10c	5½	6¼
Crescent Spinning	100	175	--
Cresson Consol Gold Mining & Milling	1	⅛	¼
Cross Co	5	10⅞	11⅞
Crossway Motor Hotels Inc common	50c	⅝	1
45c preferred	50c	n2½	--
Crouse-Hinds Co	12½	18¼	19⅞
Crowley's Milk	10	9	9¾
Crown-Bremson Industries Inc	1	4⅛	4¾
Crown Self-service Stores Inc	10c	--	1/16
1960 warrants		--	1/16
1961 warrants		--	1/16
Units		1/16	7/16
Crumpton Builders	50c	1c	5c
Cryogenics Engin'g	10c	16	16¾
Cryogenics Inc	10c	⅝	⅞
Cryplex Industries	10c	9¾	10¼
Crystal Tissue	*	12	13½
Culligan Inc	1	15½	16½
Cummins Engine Co— Split 5 for 4		t51	52½
Curley Co Inc	1	6	7
Curtis Cos Inc	2	4¾	5¼
Curtis Industries	*	7	7⅜
Curtis Mathes Mfg	1	36½	39⅝
Custom Components	10c	1⅝	1⅞
Custom Craft Marine Co Inc	25c	¾	1⅛
Custom Credit Corp Ltd (Australia)	5s	1.05	1.25
Amer Deposit Rcts		5	5½
Customline Control Panels Inc	10c	1¼	--
Cutler Federal Inc	*	2¾	3¼
Cutler Ridge Corp	25c	¼	1¼
Cyclomatics Inc	10c	⅜	¾
Cyprus Mines Corp	4	21	21¾
Daffin Corp	*	18	19⅝
Daggafontein Mines Ltd Amer deposit rcts		2⅜	2⅞
Dahlstrom Mfg Co	1	13	--
Daily Mirror News papers Ltd "adrs"		2	2¼
Daisy Mfg Co	2	12¾	13⅞
Dale System Inc	*	1⅛	1⅜
Dallas Airmotive	1	6⅝	7⅜
Dalto Electronics	1	1	1⅛
Dan River Mills 5% preferred	20	16	--
Danly Machine Specialities Inc	5	5⅝	6
Darling (L A) Co	1	9	9¾
Dart Drug Corp cl A	1	3¾	4⅛
Dashew Busi Mach	10c	2⅞	3¼
Data-Control Systems	10c	10⅛	10⅝
Data Display	1	4¼	4¾
Data Processing— Class A common	*	⅝	1
Datamation Inc	10c	⅛	⅜
Datatrol Corp	50c	6⅝	7¼
Datom Industries	10c	1⅝	2
David & Dash Inc	10c	1	1½
David Sears Real Estate Trust (Boston)		10	--
David's Inc	1	3	5
Dayton Aviation Radio & Equipment	50c	½	1/16
Dayton Mall Iron	*	16½	17½
De Beers Cons Mines— Amer deposit rcts		26¼	28¼
De-Flectronics Inc	10c	1/16	⅜
Dejur-Amsco Corp— Class A	1	1¼	1½
De Laval Developm't	*	30	--
DeMarco Business Forms cl A com	*	2¾	3
Warrants		¼	½
Dean Milk Co	*	23¼	24⅞
Dean Phipps Stores— Common	1	12	--
5½% preferred	10	8	--
Dechert Dynamics	10c	⅛	½
Decitron Electronics	1c	1¼	1½
Deco Aluminum	5	n1½	2
Deer Park Baking	25c	7¾	8¼
Defense Electronics	1c	2¾	3
Dejay Stores Inc	50c	8c	14c
Dekcraft Corp	75c	1¾	2¼
Del Electronics	10c	1⅜	1⅞
Delaware Barrel & Drum Co	50c	5⅜	5⅞
Delford Industries	10c	1	1¼
Delhi-Taylor Oil	1	14¾	16
Delta Design Inc	*	2⅝	3
Delta Electric	7.50	7¾	8¼
Delta SS Lines	5	9⅝	10½
Deltown Foods Inc	1	15½	17
Denab Labs Inc	50c	⅛	⅜
Denver Chicago Trucking Co	1	13⅝	14⅛
Denver-Golden Corp	1c	⅜	¾
Dero Research & Development Corp	5c	1¼	1¾
Deseret Pharmaceut'l	1	8	8¾
Designatronics Inc	10c	¾	1¼
Des Machine Bull— See Machine Bull			
Detrex Chemical Ind	2	12½	13¼
Detroit Harbor Term	1	50	55
Detroit Hardware Mfg Co	*	n⅝	¾
Detroit Legal News	10	n9	--
Detroiter Mobile Homes Inc	1	6	6½
Deutsche Bank A G Amer dep rcts		60½	61¼
Deval Aerodynamics Industries, Inc	10c	⅜	⅝
Development Corp of America	10c	1¼	1¾
Devonbrook Inc	10c	⅞	1⅛
Dewey (G C) Corp	1c	3¼	3¾
Dextone Co Inc	10c	¼	¾
Dextra Corp	10c	1¼	1¾
Diamond Alkali $4 preferred	*	90½	93½
Diamond Crystal Salt Co	2.50	13¾	14¼
Diapulse Mfg	10c	1	1⅜
Dibrell Bros	10	21	23
Dickey (W S) Clay Mfg Co	*	30	32
Dictaphone Corp	5	29¾	31⅞
Dictograph Products	2	2¼	3¼
Diebold Inc	5	41	43⅞
Dielectric Products Engineering 55c pfd	8	6¾	8
Digitronics Corp— Class A non-vot	10c	15½	17
Dilbert's Leasing & Development Corp	1c	2c	5c
Dillon (J S) & Sons Stores Co	5	25	26½
Diotron Inc	*	--	2
Directomat Corp	1c	1⅛	1¾
Disc Inc class A	1	3⅞	4½
Disct Corp of N Y	40	215	230
Discount Stores	*	⅛	⅜
Discount Sundry Sales Inc	1	n2⅞	3⅜
District Theatres	1	3⅜	3⅞
Dist Wholesale Drug Corp of Wash cl A	*	3¼	3⅝
DIT-MCO Inc	*	5½	6½
Diversa Inc common	1	4⅜	4⅞
$1.25 conv pfd	5	16½	18
Diversifax Corp	25c	⅜	⅝
Units		1	1½
Warrants		--	¼
Dixie Dinettes	1	6⅜	6⅝
Dixon Chem Indus	1	¾	1⅛
Dixon (J) Crucible	20	25	28¼
Dixon-Powdermaker Furniture Co	1	2¼	3¼
Doak Pharmacal Co	10c	⅝	1
Dob Corporation	*	4¾	5¾
Dobbs Houses	16⅔c	13¾	14¼
Documentation Inc	10c	2⅞	3⅛
Dodge Wire Co	1	1	1½
Doeskin Products	1	2¾	2⅞
Dole Engineering	1	1¼	1½
Doman Helicopter	10c	1/16	1/16
Donbar Development— Class A com	10c	5¼	6
Donnelley (R R) & Sons now listed NYSE			
Donnkenny Inc	1	4⅜	5
Dorchester Gas Producing Co	*	5¾	6⅛
Dorman Long & Co— Amer dep rcts		2⅜	2⅞
Dornost Publishing	1c	⅜	⅝
Dorsett Electronics	25c	1½	1¾
Dorsey Corp "wts"		2½	3
6% pfd A ww	50	52	--
Doughboy Indus	1	22	25
Dougherty Bros	25c	2⅛	2½
Douglas & Lomason	2	11¾	12½
Douglas Microwave	10c	1⅛	1½
Dover Construction	*	4½	4⅞
Downtowner Corp	5	9⅛	9⅝
Drackett Co	*	25	26½
Dravo Corp	1	45	47
Dresdner Bank— Amer deposit rcts		53¾	54¾
Dressner-Barnes Electronics Corp	1	3⅞	4⅝
Drever Co	40c	7⅝	8
Drew Properties— Class A	1	7¾	8¼
Drexel Dynamics Corp	*	1⅝	2⅛
Drexel Enterprises— Ex 100% stock div		22¼	23
Du Pont of Can Ltd	*	33½	34¼
Dubrow Electronics Industries Inc	10c	1½	2¼
Ducommun Inc	2	16½	18
Duff-Norton Co	*	35	--
Duffy-Mott Co Inc	1	26	28¼
Duggan's Distillers Products Corp	50c	1¼	1½
Dumas Milner Corp— Class A common	1	11¾	12¾
Dun & Bradstreet	1	54¾	57¾
Duncan Coffee Co	1	9	9¾
Duncan Elec Mfg— Class A	2.50	19	20
Class B	2.50	18½	19½
Dunham-Bush Inc	2	5½	6⅛
Dunlap & Associates	1	3⅞	4¼
Dunn Engineering Assoc class A	1	1c	5c
Duofold Inc	10	22	--
Dura Corp	1	18⅞	20¼
Duriron Co	½	18¾	20⅛
Duro Pen Co	50c	2⅞	3¼
Duro-Test Corp Warrants		1⅝	2
5% conv pfd series of 1956	25	58	--
Dymo Industries	1	24¼	25⅞
Dyna-Therm Chem	1	1¼	1⅝
Dynacolor Corp	20c	7¼	8
Dynamic Films Inc	10c	⅛	⅝
Dynamic Gear Co	10c	½	¾
Dynamic Instru't	10c	1¾	2⅛
Dynamic Measuremts	*	1¼	1⅝
Dynamic Vending	10c	5⅛	5⅜
Dynascan Corp	1	4⅞	5⅛
Dynasonics Corp	50c	1c	--
Dynatronics Inc	20c	2⅝	3⅛
E & B Brewing Co	1	⅜	¾
ECPI Inc	25c	4	5
E S C Electronics	10c	n2½	3¼
E Z Paintr Corp	1	8	8¾
Eagle Yarn Mills	100	175	--
Eason Oil Co	1	26	27¾
East Utah Mining	10c	15c	17c
Eastern Aluminum Mfg Co Inc	10c	1½	2
Eastern Bowling Corp Class A common	1	¾	1
Eastern Camera & Photo Supply	10c	2	2½
Eastern Lime Corp	1	16	17½
Eastern Racing Assn	*	4⅛	4⅝
$1 preferred	*	15	--
Eastern Shopping Centers Inc	1	1⅝	1⅞
Eckerd Drugs of Florida Inc	10c	12½	13½
Economics Laboratory	1	40	42¾
Economy B'kbind'g	10c	1½	1¾
Ecuadorian Corp Ltd	5	6¾	7⅝
Ed-U-Cards Mfg	1c	3⅛	3⅜
Edgcomb Stl Co (Pa)	5	19¾	20½

* 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 DECEMBER 31, 1962

Stocks— Par	Bid	Ask
Edgcomb Steel of New England cl A_5	7¼	8
Edge Ltd _____25c	1⅝	2
Edgerton Germeshausen & Grier Inc_____1	16¾	18⅜
Edgewater Steel Co___*	37	39
Educational Develpmt_1	1⅜	1⅞
Educator Biscuit		
Common _____1	5½	7½
Class A _____10	7½	9½
Edwards Engineering_1	4⅛	4⅝
Edwards Industries_50c	1	1¼
Eichler Homes Inc____*	7½	8¼
EICO Electronic Instrument Co____1	3¼	3⅝
Eitel McCullough____1	6⅜	6¾
Elco Corp_____25c	7½	8⅜
Eldon Industries____1	5	5½
Electrada Corp_____1	4	4½
Electric Hose & Rub_10	30½	32
Electro Consol cl A_50c	3	3½
Electro Instruments__1	9¼	9¾
Electro-Mechanical Systems Inc___12½c	⅜	⅝
Electro-Mechanics__10c	3⅝	4¼
Electro-Miniatures__10c	1¾	2¼
Electro Networks___10c	2	2¾
Electro-Nite Engin'g__*	1¼	1⅝
Electro Refractories & Abrasives Corp____1	10½	11½
Electro-Tec Corp___10c	3⅝	4¼
Electrolux Corp_____1	43¼	45⅞
Electromagnetic Industries Inc____10c	1¼	1¾
Electronic Accounting Card Corp_____1	5¼	6
Electronic Communications 6% conv pfd 10	17	--
Electronic Components *	2½	2⅞
Electronic Controls_25c	3⅝	4⅛
Electronic Discovery_1c	1/16	¼
Electronic Engineering Co of California__1	6	6¾
Electronic Products __*	1⅛	1⅝
Electronic Wholesalers _____20c	9	9¾
Electronics Funding 10c	--	½
Electronics Missiles & Communications__10c	2⅛	2½
Electronized Chemicals Corp _____10c	1⅝	1⅞
Electrosolids Corp—		
Common _____*	⅞	1⅜
6% conv pfd_____10c	2¾	3¾
Elgeet Optical Co____1	1⅞	2⅜
Elion Instruments__50c	3	3¾
Warrants _____	--	2
Elk Horn Coal Corp__*	13¾	14¾
Elliott Automation— Amer deposit rcts___	6½	7¼
Elmar Electronics____*	5½	6⅛
Elox Corp _____1	6⅜	6¾
Emac Data Processing Corp __1c	n½	⅞
Emery Industries_____*	81	85
Emhart Mfg Co___7.50	50	51½
Emmer Glass Corp— Class A common_10c	1	1½
Empire Devices _____1	11¾	13⅜
Empire Petroleum____1	1/16	5/16
Empire State Oil_____1	15⅜	16⅝
Endevco Corp _____*	5¼	6⅜
Enflo Corp _____10c	⅝	⅞
Ennis Business Forms Inc_____2.50	25	27¼
Entron Inc_____10c	1½	1¾
Eon Corporation_____1	4½	4⅞
Epko Shoes Inc_____1	8¾	9½
Epsco Inc _____*	3⅞	4⅝
Equity Oil Co_____10c	9⅝	10⅛
Ericsson (L M) Telephone "B" shs__	26⅝	27⅛
Erie Resistor Corp— Common _____2.50	10	10½
90c conv pref__12.50	15½	16½
Erlanger Mills _____1	18	--
Estey Electronics __10c	5	5⅝
Ethyl Corp— Class A common___5	57	58
Class B common___5	57	58
6% series A pfd_100	98	102
Ets-Hokin & Galvan_ 1	7¼	8
Eversharp 5% pfd_20	20¾	--
Exchange Buffet__2½	2c	--
Executive Equipmt 10c	1⅞	2⅛
Executive House Inc__1	1¼	1½
Warrants _____	¼	⅜
Executone Inc_____1	4	4⅜
Exolon Company___ *	30	31
Extrin Foods Inc___10c	2¾	3¼
F & F Finance____50c	20c	40c
F R Corp_____50c	2⅛	2½
Faber Coe & Gregg__*	40	45
Fabien Corp— New com 50c par Split 2 for 1_____	8¼	8⅝
Fainr Bearing Co__10	38	41
Fairbanks Co_____10	5¼	5¾
Fair Lanes Inc cl A__1	5	5¾
Fairey Co "Adrs"_____	2¾	3
Falconbridge Nickel Mines Ltd _____*	46⅞	47½
Family Circle Assoc class A____10c	8¼	8¾
Family Record Plan__1	5¾	6½
Fanon Electronic Industries, Inc___20c	1	1⅜
Faradyne Electronics 5c	2½	3
Farbenfabriken Bayer Amer deposit rcts___	57¾	58¾
Farbwerke Hoechst A G Amer deposit rcts___	54¼	57¼
Farmer Bros Co_____1	6⅜	6⅞
Farrel-Birmingham Company _____12.50	35½	38⅝
Farrington Mfg_____*	1½	1¾
Fastline Inc_____10c	½	⅞
Fate-Root Heath Co__1	15	17
Faultless Caster_____1	2⅞	3¼
Faultless Rubber_____1	22	25
Fearn Foods Inc_____5	17½	19½
Fed-Mart Corp_____*	8¼	9⅛
Federal Bake Shops__1	5⅛	5½
Federal Bowling Centers Inc_____1c	5c	10c
Federal Compress & Warehouse Co__12	21¼	21¾
Federal Design _____1	½	1
Fed Mfg & Engineer'g Common _____10c	1⅞	2¼
Federal National Mtg Association _____100	83½	84¼
Fed Quality Homes_25c	3/16	7/16
Federal Resources _50c	1¾	1⅞
Federal Screw Wks___1	10¾	11¾
Federal Sign & Signal Common _____1	19½	20½
$1.20 con pr pfd___*	22	23
$1.25 preferred ___10	19	20
Federal Steel Corp___*	2	2¼
Federated Electrcs_10c	5¼	5½
Federated Publicatns_*	47	--
Fellows Medical Mfg__2	⅞	1⅜
Ferro Dynamics ___25c	2	2¼
Ferson Optics Inc____*	3½	4
Fiat Metal Mfg____10c	7⅜	8¼
Fiat Motors— Amer dep rcts_____	4½	4¾
Fieldcrest Mills _____*	13	13½
5th Avenue Cards__10c	1½	1⅞
Fifth Dimension __50c	3½	4
53 State St Corp___100	18	--
Filmohn Corp_____10c	2½	2⅞
Filon Corp_____20c	14¾	15¼
Fireco Sales Ltd_____*	4½	5¼
First Flight Co_____50c	5⅛	5⅜
First Hartford Realty Corp _____1	6½	7
First Republic Corp of American class A___1	6½	7¼
First Southern Co___1	2¾	3
First Union Realty___1	12⅜	12⅞
Fischer & Porter Co— 5% preferred ____10	7½	9
Fisher Foods com__2.50	10¾	11¾
$5 preferred_____*	90	95
Fisher Governor Co__1	23¼	24⅞
Fitchburg Paper Co Class A com_____1	8⅜	8¾
Flagg-Utica Corp ____5	10	--
Fleming Co Inc____2.50	21	22
Flexible Tubing _____1	4¼	4¾
Flora Mir Candy___10c	⅜	¾
Florida Hillsboro_____1	⅛	⅜
Florida Palm-Aire____1	1⅜	1⅞
Florida Patsand _____*	½	1
Florida Properties___10	25	28
Florida Steel Corp____1	7	7⅜
Florida Tile Indus— Class A common____1	5¾	6¼
Floyd Bennett Stores 5c	13¼	14⅝
Fluke (John) Mfg__50c	5¾	6¼
Fluorocarbon Co___40c	4	4¾
Flying Tiger Line 5% preferred _____10	7½	8
Foamland USA_____25c	⅝	1
Food & Drug Research Laboratories _____50c	10¼	11
Food Fair Properties_1c	2½	2¾
Warrants _____	2½	2¾
Food Plus Inc_____1	5¼	5¾
Foote & Davis Inc____1	11¼	12¼
Foote-Burt Co_____5	11¼	12¼
Forbes & Wallace— $3 class A_____*	50	--
Class B non-voting_*	30	--
Forcite Inc_____50c	½	¾
Foremost Dairies 4½% preferred ___50	41	42½
Foremost Finance & Equipment Co Name changed to Astron Industrial Associates Inc		
Forest Laboratories_10c	11½	12¼
Forman Realty Corp_10	75	80
Formsprag Co _____1	11½	--
Formula 409 Inc_____*	5/16	½
Fort Worth Steel & Machinery Co_____*	5½	6⅜
Fortuna Corp _____10c	2	2¼
Foster-Forbes Glass 1.50	17½	18¼
Foster Grant Co _____1	17¾	19⅜
Foundation Co (NY)__1	3	3⅝
Four Corners Oil & Minerals Co_____1	5/16	7/16
Four Star Television__*	9¼	10¼
"42" Products Ltd____	8	8⅞
Fownes Bros & Co____1	12½	14
Fox St Louis Prop— Units _____	4½	--
Fox-Stanley Photo Products _____1	5	5¾
Franco Wyoming Oil__6	31½	32½
Frank (Albert) Guenther Law_____1	32	--
Franklin Balmar Co__*	3	4
Franklin Corp _____1	7¾	8⅜
Franklin Electric_____*	16	18
Frantz Mfg Co_____1	13¼	14⅝
Free State Geduld Mines Ltd "ADRS" 5s	17⅛	17⅜
French (Fred) Inv___*	12	14
Freoplex Inc _____10c	1	1½
Frigikar Corp _____50c	6¾	7⅝
Frisch's Restaurants__*	11	12½
Frito-Lay Inc _____2.50	30	30¾
Fritzi of Calif Mfg___1	10⅜	10⅞
Frontier Airlines_____1	2⅞	3⅛
Frontier Refining Co__1	9⅝	10⅛
Frouge Corporation____1	4	4½
Fuller Industries ___1c	n¼	¾
Fullview Industries— Class A common_50c	4½	4⅞
Fulton Industries_____2	6½	7
Fulton Market Cold Storage (Ill)_____5	11½	--
Funded Securities A__2	1¾	2
Futterman Corp cl A_1	5⅝	6⅛
G L Electronics ____20c	3½	4
G M S Stores_____10c	3¼	3½
Gabriel Industries____1	5½	6¼
Garden Land Co_____1	3	3½
Garden State Racing__	685	--
Garfinkel (Julius)— Common _____50c	39¾	41½
Garland Knitting Mills Class A common___1	18	19⅞
Garlock Inc _____1	23½	25⅝
Garrett Freight-lines _____1.66	11½	12
Garsite Products___10c	2⅞	3¼
Gas Hills Uranium__1c	12c	15c
Gaslight Equipment_10c	⅝	1
Gate City Steel— 7% pfd ser B ww_20	19½	--
Gateway Chemicals___*	9¾	10¼
Gateway Sporting Goods _____5	12¼	13
Gateway Trans _____1	8⅜	8¾
Gatlinberg Ski _____1	3⅜	3⅞
Gelman Instrument__*	4	4¾
Gem Electronic Distributors Inc _25c	5½	6¼
Gem International__70c	7¾	8⅛
General Abrasive Co__1	15½	17½
General Aniline & Film class A_____*	230	250
General Atronics_____*	2	2½
Genl Castings Corp 10c	1⅛	1⅝
General Coil Prods_10c	3¼	3¾
General Crude Oil__2½	27	29⅝
General Devices Inc__1	1	1¼
Genl Drive-in Corp__*	7½	8
General Economics_1c	14¾	15¾
General Economics Syndicate class A_10c	9½	10½
General Electronic Control Inc _____10c	⅝	⅞
General Electronics— Class A_____10c	½	⅝
General Electronics Laboratories— Class A_____33⅓c	4½	5½
General-Gilbert _____1	1½	1¾
General Indicator____1	10	11
General Industries___4	17½	19
General Kinetics __25c	1	1⅜
Gen Magnaplate___50c	3½	4
General Photos ____50c	n1⅞	2¼
General Precision Equipt $4.75 pfd___*	94	96
Gen Resistance Inc_10c	20c	--
General Shale Products Corp_____*	14¾	16¼
Gen Spray Service— Units _____	1⅜	1¾
Gen Supermarkets_10c	8	9⅛
Gen Tin Investments Ltd "ADRS"_____	1¼	1⅝
Gen Tire & Rubber Co $27.50 warrants_____	38	40
General Utilities Inc__1	½	¾
Genge Industries_____*	⅝	⅞
Genisco Inc_____1	9½	10½
Genuine Parts Co____5	26¼	27¼
Geochron Labs_____1c	⅛	¼
Geophysics Corp of America _____60c	13¼	14¼
Georgia Marble Co__10	34½	35½
Georgia Shoe Mfg____1	9½	10¼
Geoscience Instrumts 1c	⅛	½
Geotechnical Corp____1	11¾	12½
Geotechnics & Resources class A_25c	½	⅞
Gera Corp (N J)___100	2,000	--
Gerber Scientific Instrument Co____*	7	7¾
Geriatric Pharmac_10c	1½	2
Geriatric Services__10c	3¾	4¼
Gertsch Products ____*	8½	9¾
Gestetner Ltd— Ord A Am dep rcts__	5⅜	5⅞
Getchell Mine Inc____1	2	2¼
Getz (Wm) Corp_____*	9½	10½
Gevaert Photo-Production "adrs"_*	53	53½
Giannini Scientific_10c	7	7¾
Giant Food Prop___10c	1¾	2⅛
Giant Tiger Stores___*	4½	4⅞
Giddings & Lewis Machine Tool_____2	15	16½
Giffin Industries_____1	¾	1¼
Gilbert Data-Systems Inc _____1c	3¼	3⅝
Gilbert Youth Research Inc ____50c	3¾	4½
Gilpin (Henry B) Co— Class A common__*	15	17
Girard Industries__50c	6⅜	6¾
Girder Process— Class A _____1c	1½	2
Girltown Inc cl A____1	5⅝	6⅛
Gisholt Machine____10	9⅝	10⅜
Glamur Products____8c	5c	--
Glasrock Products__10	5⅛	5⅝
Glasspar Co_____50c	1 1/16	1 3/16
Glastron Boat Co____*	¼	--
Glatfelter (P H) & Co Common _____5	26	27
4½% preferred___50	44	--
4⅝% pfd _____50	45	--
Glaxo Group Ltd Amer dep rcts ord___	5⅞	6¾
Glen-Gery Shale Brick Corp_____50c	5½	6
Glen Industries ____10c	2¼	2¾
Glen Mfg Inc_____1	4	4½
Glickman Corp cl A__1	4⅞	5⅜
Glitsch (Fritz W) & Sons Inc _____2	5½	6⅜
Global Steel Prod__50c	1½	1⅞
Globe Rubber Products Corp_____*	18	19⅝
Gluckin (Wm) Co Ltd Now listed ASE		
Goddard Inc_____10c	7/16	⅝
Godfrey Company____5	13¾	15⅜
Goebel Brewing 60c conv pfd_____10	1¼	1¾
Gold Medal Studios_10c	1/16	3/16
Golden Crest Records Class A_____10c	½	⅞
Golden Cycle Corp__10	6¼	7¼
Golden Triangle Industries Inc___80c	¾	1¼
Golden West Markets 1c	¼	½
Goldsmith Bros ___25c	3¾	4⅛
Gordon & Breach Science Publish _10c	⅛	½
Gorton's of Gloucester Inc _____*	24½	25½
Gould Properties cl A_1	8⅜	9⅛
Gradiaz Annis & Co__1	12½	13
Grafco Industries __1c	1⅜	1¾
Graham Chemical _10c	1	1⅜
Grain Elev Whse Co 10c	6¼	7½
Granco Inc class A__1	1¾	2¼
Granco Products___50c	¼	½
Grand Union Co— 4½% preferred___50	44½	47
Granger Associates___1	22	24
Grayway Precision_10c	--	10c
Great Amer Realty— Class A_____10c	⅜	½
Great Lakes Indust__1	--	3
Great Lakes Term W'house (Ohio)____1	14	--
Great Plains Development Co Ltd____1	11½	11⅞
Great Universal Stores Ltd class A_____5s	6¾	7
Greater All American Markets _____1	2⅜	2¾
Green (Daniel) Co___10	35	38
Green (A P) Fire Brick Co_____5	17¾	19⅜
Green Giant Co com_*	30	31
5% preferred__ 100	96	99
Green Mountain Uran Class A _____1c	16⅞	18
Green Shield Plan_25c	1⅜	1⅝
Greene (M J) Co__10c	2¼	3
Gremar Mfg Co_____*	1	1⅜
Griesedieck Co 5% conv pfd_____30	27½	--
Griess-Pfleger Tan___5	10	11
Griggs Equipment__50c	5½	5⅞
Grinnell Corp_____*	72½	76
Grocerette Vending Machines Inc____15c	⅛	½

* 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 DECEMBER 31, 1962

Stocks—	Par	Bid	Ask
Grolier Inc	1	39	39¾
Gross Telecasting	1	20	21
Grosset & Dunlap	1	10⅞	11¾
Gruen Industries	1	3⅝	4
Guantanamo Sugar	1	1½	2
Guardian Chemical	10c	3⅜	4
Guardian Paper Co	1	7¼	8⅜
Guayaco Corp	10c	¼	½
Guidance Tech	10c	10c	15c
Guild Musical Instrument Corp	5c	⅝	⅞
Gulf Coast Leaseholds Inc	20c	¾	1 1/16
Gulf Interstate Co	1	8	9
Gulf Resources	10c	4	4½
Gulf Sulphur Corp	1c	37c	42c
New common		3¾	4⅛
Guy's Foods Inc	2	8½	9
Gyrodyne Co of America Inc	1	9¼	10⅛
Hagan Chemical & Controls common	1	29½	31⅞
Hager Inc	*	1¼	1½
Hajoca Corp	1	33	36⅝
Halco Chem (Units)		¾	⅞
Halle Bros common	5	19	20½
$2.40 conv pfd	50	44	--
Halliday Lithograph	1	10½	11½
Hamilton Cosco Inc	*	14¾	15⅛
Hamilton Mfg	*	16⅝	17⅞
Hampton Sales Co	10c	1⅞	2⅜
Hancock (J W) Inc—			
Common	10c	⅜	¾
6% conv pfd	2	⅜	¾
Handmacher-Vogel	1	4	4½
Handschy Chemical	1	6½	7⅜
Handy & Harman	1	10⅜	11¼
Hanna Mining Co	1	101	103
Hanover Shoe	1	14½	15½
Hansen Mfg Co	1	13¾	14¾
Hanson-Van Winkle-Munning Co	3.50	5⅝	6½
Hapman Corp	1	--	2
Hargreaves Electronics Corp	20c	n⅛	⅜
Harnischfeger Corp 6% conv pfd	100	102	--
Harper (H M) Co	1	11⅞	12⅜
Harper & Row Publishers Inc	*	14	14½
Harper Vending	5c	1⅝	2⅛
Harrington & Richardson Arms	1	13	14½
Harrison (B M) Elec	*	n¼	½
Harris-Teeter Super Markets	5	12¾	13¼
Hart-Carter Co	1	18	19
Hartebeestfontein Gold Mining Co Ltd—			
Amer deposit rcts		7⅜	8⅛
Harvest Brand Inc	10c	5⅛	5⅝
Harvey House	10c	1½	1¾
Harvey Wells Corp	1c	¾	1⅛
Harvill Corp	1	1¾	2
Harwyn Publishing Class A	10c	1	1½
Hastings Raydist	1	9¾	11
Hauserman (E F) Co	1	6⅞	7¼
Hausman Steel Co	5	6¾	7¼
Havana Lithog'phing	10c	⅛	¼
Havana Racing Co	10c	3c	7c
Haverty Furniture	5	19¼	--
Hawiian Pacific Ind	*	2⅞	3¼
Hawley Products Co	5	10	11
Hayden Publishing	1c	4½	5¼
Hayes Int'l	2.50	15¾	16¼
Haytian Amer Sugar	*	--	30
Hazel Park Racing	1	3⅝	3⅞
Voting Trust ctfs		3½	3⅞
Head Ski Co Inc	1.50	14¾	15½
Hearst Consol Pub—			
7% class A pfd	25	24½	27¼
Heath (D C) & Co	5	17½	18⅞
Heldor Electronics Mfg Corp	10c	½	⅞
Helm's Express Inc—			
Class A common	1	7	8
Hendrick Ranch Roy	1	4	6
Henry's Drive-In	*	7⅜	8¼
Heppenstall Co com	50	17	21
4½% preferred	50	26	--
Hercules Galion Prod- 6% B conv pfd	20	17	20
Herff Jones Co	1	12	12¾
Heritage Industrial	1	2¼	2¾
Heritage Petroleum	1	¾	1¼
Herman & Appley Inc Class A com	10c	3⅞	4⅛
Hermetic Industries Class A	10c	⅜	⅝
Hermetite Corp	*	2¼	2¾
Hershey Creamery	5	42½	--
Herts-Lion International Corp	1	⅞	1⅛
Hewitt-Robins Inc— 5% preferred	10	7½	7⅞
Hewlett-Packard Co— 90c conv pfd	1	21⅛	21⅝
Hexagon Labs Inc	1	1¼	1⅝
Hexcel Products	1	9½	10½
Heywood-Wakefield— Common	12.50	21½	23
1st pfd 5% ser B	25	8	8¾
Hi-Press Air Conditioning of Amer	10c	¼	⅜
Hi-Shear Corp	*	2¾	3
Hialeah Race Course	1	65c	--
Hiawatha Oil & Gas	10	1⅜	1¾
5% conv pfd	10	4	--
Hickok Electrical Instrument Co cl A	1	4¾	5¼
Hicks-Ponder Co	1	8½	8⅞
Hico Corp of Amer	1	5½	6
Hidden Splendor Mining Co com	50c	a6¼	6½
Higbee Co	1	28½	31½
Hightstown Rug	1	3	3¾
High Voltage Engineering Corp	1	22⅜	24
Highland Park Mfg	20	19	--
Hilco Homes Corp	*	1	1⅜
Hines (Ed) Lumber	10	19¾	20½
Hirsch (P N) & Co	1	13½	14⅝
Hobart Mfg Co	*	38	40
Hoerner Boxes	1	18	18¾
Hofman Laboratories	25c	7½	8
Hogan Faximile	10c	2¼	2¾
Holiday Inns of America	1.50	17½	18
Hollingshead (R M)	1	11½	13
Homestead Valve Manufacturing	2	6¾	--
Honda Motor Co Ltd Amer deposit rcts		15⅜	15⅝
Honeycomb Products	*	3¾	4¼
Honeggers Inc	*	5	6
Honig's-Parkway	10c	1⅜	1⅞
Hooghovens	100 fl	n156	159
Am dep rcts	20 fl	30½	31¼
Hoover Company— Class A com	2.50	21⅜	22⅞
Horizon Land Corp	1c	5½	6⅛
Horne Enterprises	1	6½	7¼
Hot Shoppes Inc	1	22⅛	22⅞
House of Vision	1	13⅜	13¾
House of Westmore	10c	1¾	2⅛
Houston Fearless Corp	1	1 1/16	⅞
Houston Oil Field Material com	1	4⅝	5¼
5½% preferred	100	60	--
Howell Instruments	*	4½	5¼
Hubinger Co	1.25	14	15½
Hudson Pulp & Paper Class A common	1	24	26¼
$1.41 2nd pfd	24.50	26½	28¾
5% pfd series A	25	n27	28
5.12% pfd B	25	n23	--
Hudson Wholesale Groceries Inc	1	4	4¼
Hudson's Bay Co	£1	10½	11¼
Hudson's Bay Oil & Gas Co Ltd	2.50	14¾	15¼
Hunter Engineering— Common	1	5	6
6% conv pfd	25	22	25
Units		29½	30½
Hupp Systems Class A com	10c	1/16	¼
Hurletron Inc	25c	5	5½
Husky Oil Co (Del) 6½% preferred	100	97	--
Huston (Tom) Peanut Ex 5 for 1 split		33½	34½
Huyck Corp	*	20	22
Hyatt Corp of Amer	1	3¼	4
Hydra-Power Corp	10c	2⅝	3⅛
Hydraulic-Press Brick Co	1	6¾	7¼
Hydro-Electronics	1c	9/16	13/16
Hydro Space Technology	50c	1⅛	1⅜
Hydrocarbon Chem	1	6⅝	7¼
Hydrodyne Indus	1c	3/16	7/16
Hygiene Industries	1	2½	2¾
Hygrade Pack cl A	50c	1⅝	2⅛
Hyster Company	50c	26½	27½
I D Precision Components Corp	10c	¾	⅞
I-T-E Circuit Breaker 4.60% pfd	50	35	--
ITI Electronics	5c	½	¾
Idaho Farms Co	45	40	--
Ideal Precision Meter Co	10c	1⅝	1⅞
Ilikon Corp	10c	22	23
Illinois Tool Works	10	30½	31½
Imac Food Systems	*	¾	1
Income Properties— Class A	50c	7	7⅞
Indep Coal & Coke Co	1	1⅛	1¼
Indian Head Mills— Common	1	22	23
$1.25 preferred	20	22	24⅛
Indian River Citrus Fruits Inc	2	5	5¾
Indiana Gas & Chemical Corp	50c	38	42
Indiana Limestone	10	3½	3¾
Indianapolis Stk Yards Common	50	24	27
6% preferred	50	51	55
Industrial Control Products Inc	10c	⅜	⅝
Indus Develop Bank of Israel Ltd ord		80c	95c
Industrial Engravrs	10c	¼	1
Industrial Instruments Inc	50c	1⅛	1⅜
Industrial Timer	1	5½	6
Industrial Vinyls	10c	1⅛	1⅜
Industro Transistor	10c	1¾	2
Information for Industry Inc	25c	15¼	16¼
Information Systems	1	1½	2
Infrared Industries	*	4⅞	5⅝
Inland Container Corp Class A common	*	43½	44½
Inland Underground Facilities Inc	50c	11¾	12⅛
Inpak Systems	1c	2⅝	3
Insley Mfg Corp	10	7¾	8½
Instron Engineering		13½	15
Instrument Systs	25c	2⅝	3
Instruments for Industry Inc	25c	1⅝	2
Instruments Syndicate		2½	2¾
Insul-Cup Corp of America	1c	11/16	⅞
Insular Lumber	10	10½	11½
Insurance Exchange Bldg (Chicago)	10	36	--
Intercoast Cos	10	9	--
Intercontinental Dynamics Corp	10c	¾	1¼
Int'l African American Corp	1	6¾	--
Int'l Airport Hotel System Inc	1	2	2¾
Int'l Cablevision— Class A common	10c	2⅛	2½
Int'l Computers & Tabulators "adrs"		11	12
Int'l Correspondence Schools World	2.50	4½	5
International Data Systems Inc	12½c	3⅛	3⅜
International Dist & Vintners "adrs"		2.80	3.00
Int'l Electronic Research Corp	*	10	11
Int'l Electronics Class A common	10c	2	2¾
Intl Flavors & Fragrances	50c	26⅞	28⅝
Int'l Flight Caterers Inc	1c	1	1½
Int'l House of Pancakes	*	7	7⅞
Internat'l Marine	1c	⅛	⅜
Int'l Oils & Metals	1	6½c	8½c
Int'l Packings Inc	*	17	19
Intern'l Photocopy	20c	6	7
International Railroads Weighing Corp	1	9⅜	9⅞
Int'l Recreation Cp	50c	⅞	1⅛
International Safflower Class A com	2	1¾	2⅛
Int'l Talc common	5	40	--
7% preferred	100	115	--
Int'l Textbook Co	*	45½	49
Int'l Ultrasonics	10c	2¼	3
Interphoto Corp Common class A	1	4½	4⅞
Interprovincial Pipe Line Co	5	72¾	73½
Interstate Bakeries	1	22¾	24⅝
$4.80 preferred	100	82	90
Interstate Bowling	1	⅛	½
Interstate Engineer'g	1	8⅜	9⅛
Interstate Hosts	2.50	14	14¾
Interstate Motor Freight System	1	16¾	17⅛
Interstate Motor Lines Inc	1	16⅜	16⅞
Interstate Vending	1	13⅞	15
Ionics Inc	1	8⅞	9⅜
Irving (John) Shoe	1	--	4
6% preferred	25	10	15
Irwin (Richard D)	*	8⅝	9⅛
Itek Corp	1	13⅝	15¼
Ivey (J B) & Co	5	17½	18¼
J E Plastics Mfg	10c	5⅜	5⅝
J-F Machine Diesel & Electronics	10c	⅝	1⅛
J-K Industries	*	⅜	⅝
Jackson's Minit Markets Inc	1	5⅛	5⅝
Jacobs (F L) com	1	⅞	1
5% conv pfd	50	19	23
Jacobsen Mfg	1	10½	11
Jacquin (Charles) see Charles Jacquin			
Jaguar Cars Ltd— Amer dep receipts		9⅜	9⅞
Jahn & Ollier Engraving Co	1	4	4½
Jahncke Service Inc	2	11	11½
James Vend Mach	10c	1	1⅞
Jamesbury Corp	1	4	4¾
Jane Colby Inc	1	4⅞	5⅜
Jantzen Inc	1	22½	23½
Jarecki Corp	1	6½	7
Jarrell-Ash class A	1	6⅜	7¼
Jaymax Precision Products, Inc	10c	⅜	⅝
Jeddo Highland Coal	*	80	--
Jefferson Lake Asbestos "warrants"		5⅝	6⅜
Jefferson Lake Sulphur 7% preferred	10	10	11
Jenkins Bros	25	33	35
Jergens (Andrew)	*	26	28
Jerrold Corp	10c	4½	5
Jervis Corp	1	6	6⅞
Jessop Steel Co	1	8⅛	9
Jet-Aero Corp	10c	1⅛	1⅝
Jewell (J D) Inc	1	9½	10
Jiffy Steak Co	1.25	9	9½
Jodmar Industries	10c	⅝	1
John's Bargain Stores Corp	25c	9¾	10¼
Johnson Electronics	1	¾	1⅛
Johnson Service	5	46	49
Jolyn Electronics Mfg Corp	1c	2½	3¼
Jones & Lamson Machine Co	20	25	26½
Jones Motor Co	2	7¾	8½
Jonker Business Machines "units"		3	3¼
Jorn's Greeting Card Co Inc	10c	2½	2⅞
Joseph & Feiss Co	2.50	9¾	10¼
Joslyn Manufacturing & Supply Co	1.25	57	60
Jostens, Inc Class A	33⅓c	14⅜	14¾
Joyce Leslie— See (Leslie Joyce)			
Jubilee Iron	1	2½	2¾
Julian & Kokenge	*	34½	36
Julie Research Laboratories	1	4¾	5½
Julyn Sportswear— Class A	10c	1¾	2
Juniper Oil & Mining Co	10c	1⅛	1½
Jupiter Corp $1.50 pfd	*	17¾	18¼
Jurgensen's (Cal)	1	4½	5¼
Justheim Petroleum	5c	16c	20c
Justrite Mfg Co	1	1¼	1¾
K A Electronics	1	5/16	½
K D I Corp	85c	5/8	13/16
Kahn's (E) Sons	*	26	29
Kahr Bearing Corp	10c	3¼	4
Kaiser Steel Corp— Common	1	14⅝	15¾
$1.46 preferred	*	21⅝	23¼
Kalvar Corp	2c	265	280
Kaman Aircraft cl A	1	17	18½
Class B	1	16	--
Kane-Miller Corp	1	4⅞	5½
Kann-Ellert Electronics	1	1⅜	1¾
Kansas City Stock Yards (Me)	100	60	65
5% preferred	100	99	--
Kapner Inc	10c	5½	6
Karstadt (Rudolph) American shares		8¾	9
Kavanaugh-Smith	1	4¼	4¾
Kay Foods Corp	1	6⅞	7⅜
Kay Windsor class A	1	10	11¼
Kaymarq Consol com	1	--	⅛
84c preferred	1	5/8	7/8
Kearney & Trecker	3	10½	11½
Keene Packaging Associates	10c	4⅛	4⅜
Keith (George E) Co— Common	*	3½	4½
$5 prior pfd	100	35	--
Keller Corp	1	⅛	½
Kellett Aircraft Corp	1	1⅞	2¼
Kelling Nut Co	3	4½	5½
Kellwood Co	*	22½	24⅛
Kelly Girl Service	1	16¾	18⅜
Keltner Electronics	25c	¼	7/16
Kendall Company $4.50 pfd series A	*	91	94
Kendall Refining	10	21¼	23¼
Kennametal Inc	5	21½	23⅜
Kennedy's Inc— $1.25 conv pfd	*	18	--
Kenrich Petrochemicals Class A	20c	½	⅞
Warrants		15c	30c
Kent Dry Cleaners	10c	2⅜	2⅝
Kent-Moore Organization Inc	1	22	23
Kentucky River Coal Corp	25	77	--
Kentucky Stone	10	50	--
Kenwin Shops Inc	1	3⅛	3½
Kerite Company	10	20¾	22½
Kerr Addison Gold Mines	1	5⅞	6⅛
Kerr-McGee Oil Indus 1964 warrants		15	17
1967 warrants		16	19
Ketchum & Co Inc	1	7⅝	8
Kewanee Oil Co— Class A	10	30¼	31¼
Class B	10	30¼	31¼
Keyes Fib Co com	1	15¼	15¾
Warrants		3⅜	3⅞
4.80% 1st pfd	25	24	--

* 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 DECEMBER 31, 1962

Stocks— Par	Bid	Ask
Keystone Alloys 1	5	6
Keystone Discount Stores Inc 1	3½	3⅞
Keystone Portland Cement Co 3	23	25⅛
Kilbanon Inc	2½	3½
Kinetics Corp *	3⅝	4¼
King Kullen Grocery— Class A 1	9¾	10¾
King Louis Int'l 1	5½	5¾
King Oil Inc (Del) 1	11/16	13/16
King's Dept Stores 1	10¾	11¼
Kingsport Press 1.25	24½	25½
Kingwood Oil 1	5⅞	6¾
Kirby Lumber Corp 1	50	53
Kirby Petroleum Trust Certificates No 1	6½	--
Certificates No 2	2½	--
Kirk Industries 1	1	2
Kirk (C F) Labs 20c	1¼	1¾
Kirsch Co 5	17	18⅝
Kleber Labs Inc 2c	--	⅛
Klondex Inc class A 1c	2⅝	3
Knape & Vogt Mfg 2	17	17½
Knapic Electro Physics Class A com 2	15c	30c
Knapp & Tubbs Inc 50c	1⅞	2¼
Knickerbocker Biologicals Inc 25c	5	--
Knickerbocker Toy 10c	2⅛	2⅝
Knox Glass Inc 6.25	8	8¾
Knudsen Creamery Co of Calif 1	23¼	25¼
Koehring Co com 2	13⅞	15⅛
5% conv pfd 50	42	44
Koeller Air Prod 5c	1	1⅝
Kogel Inc 1c	½	⅞
Kollmorgen Corp 2.50	23½	25⅝
Korfund Inc 10c	2¼	2⅝
Koster-Dana Corp 1c	1.25	1.35
Kromex Corp 1	6¼	7⅛
Krueger (W A) Co 5	7	7½
Krylon Inc *	6⅞	7⅝
Krystinel Corp cl A 1c	¼	½
Kuhlman Electric 2	13	14
Kulicke & Soffa Mfg *	1⅝	1⅞
Kurz & Root Co 1	2½	2⅞
Kusan Inc (Ky) 1	2½	3
L. I. Chromatel Inc— Class A 10c	½	¾
La Consolidada S A— Common 75 pesos	4½	--
6% pfd 75 pesos	4½	--
La Crosse Cooler 2.25	10¾	11¾
La Maur Inc 10c	13½	14¼
La Pointe Industries 1	⅝	¾
Laclede Steel Co 20	135	150
Laguna Niguel Corp— Units	10	11
Laird & Co 1	2½	2⅞
Lake Arrowhead Development *	2⅛	2⅝
Lake Central Airlines— Common 1	7	8⅜
6½% conv pfd 10	24	25½
Lake Ontario Portland Cement 1	2¼	2½
Warrants	½	¾
5% conv pfd 10	8	9
Lakeside Industries 1	4	4¼
Lamson & Sessions— 4 75% conv pfd A 50	39	42
Lamston (M H) Inc 1	10¾	11½
Lamtex Indus 10c	2¾	3⅛
Lamtron Industries— Class A 10c	1⅛	1⅜
Lance Inc 2.50	14⅛	14½
Land Equities Inc— Class A common 1c	½	¾
Land Title Bldg 50	51	--
Landa Oil Co 10c	2⅞	3⅜
Landis Machine 2	28	--
Landis Tool Co *	205	--
Langendorf United Bakeries Inc com 1	14½	15¾
$1.80 preferred 25	26½	--
Langley Corp 1	⅞	1⅛
Lannett Co Inc 2	1¾	2
Lansing Development *	½	⅞
Larr Optics & Electronics Co *	⅞	1⅛
Larsen Co 6⅔	9¾	10¼
Lasco Industries *	2⅛	2½
Latrobe Steel Co 2.50	12¼	13¼
Lau Blower Co 1	4⅜	4¾
Lawter Chemicals 1	13¼	14
Layne & Bowler Pump Co 1	5½	6⅛
Le Cuno Oil 10c	48c	58c
Le Maire Tool & Mfg 1	n1½	2
Le Tourneau (R G) 1	9	11
Leader-Durst Corp— Class A common 50c	3⅞	4⅛
Leaseway Transport'n 1	23	25⅛
Lee Communications 1c	--	6c
Lee (H D) Co Inc *	21¼	22
Leece-Neville Co 50c	10¼	11½
Leeds & Northrup 50c	22¼	23¼
Leeds Homes Inc 25c	1c	5c
Leeds Travelwear— Common class A 1	3¼	3¾
Leetronics Inc 50c	1⅜	2⅜
Lee Way Motor Freight Inc 1	7¾	8⅛
Lee Wilson Engine'g *	4⅜	4⅞
Lehigh Industries & Investing 10c	9	10
Lehigh Press Inc *	8	8¾
Lehigh Valley Indus— Warrants	⅛	¼
Lel Inc 20c	3	3½
Leland Publishing Ltd *	10⅛	10½
Lemke (B L) & Co 50c	1¼	1⅜
Lena Horne Beauty Products 1c	3c	5c
Lenahan Aluminum Window Corp 50c	3	3½
Lence Lanes Inc 1	2⅛	2¾
Leon Ld & Cattle 10c	33c	38c
Leonard Oil Devel 25	1/16	3/16
Leslie Fay Inc Cl A (now listed ASE)		
Leslie (Joyce) 10c	2½	3
Lesser (Louis) Enterprises cl A com 10c	9¼	9¾
Lessings Inc 1	3	6
Lester Engineering 1	6¼	7¼
Lestoil Products Inc— Common 50c	1¾	2⅛
Class A *	7	7½
Units	8½	10
Levingston Shipb'ldg 6	7	8⅛
Levitt & Sons Inc 70c	3⅜	4
Lewis Business Forms 1	15¼	16¼
Lewis (Tillie) Foods 1	5½	6¼
Lewis Welding & Engineering Corp 1	4½	--
Lewis Wharf Co— Ex distribution	2	--
Lewisohn Copper 10c	1/16	¼
Lexington Ave & 42nd Street Corp cl D 1c	18	21
Ley (Fred) T & Co 1	4½	5¼
Liberian Iron Ore *	13¾	14¼
Lido Corp 10c	1⅜	1⅞
Li'L Gen Stores 1	2½	2¾
Lilly (Eli) & Co cl B 5	79¾	83¼
Lily Lynn Inc— Class A com 1	7⅛	7½
Limestone Products Corp of America *	95	105
Lincoln Stores 5	1¼	2
Lindberg Steel Treating class A 5	19	21
Lindly & Co Inc 10c	5/16	½
Lindy Hydrothermal Products Inc 10c	3	4
Ling-Temco-Vought Inc $30 warrants	4¾	5¼
$40 warrants	3⅝	3⅞
4½% pfd A 30	19	20
Lion Match Co *	4	5
Lipe-Rollway Corp 1	13¼	14⅞
Liquidometer Corp 1	5	5½
Litecraft Indus 1	3⅛	3⅝
Warrants	⅝	1⅛
Lite-Vent Indus 1	⅜	¾
Lithoid Inc 10c	1	1⅜
Lithonia Lighting *	9	9½
Little (J J) & Ives 50c	1½	1¾
Little Ruffy Togs 1c	3½	4¼
Littlefield Adams 1	1⅞	2⅛
Littlefuse Inc 2.50	10	11½
Living Aluminum 1	3¾	4¾
L N C Corp 1	7⅛	8½
Lobitos Oilfields Ltd— Amer deposits rcts	4½	5¼
Loblaw Inc 1	7¼	8⅛
Lock Thread Corp 10c	1/16	3/16
Lockhart Corp 1	10¾	11¾
Lodding Engineering 1	5	5¾
Loft Candy Corp 1	3⅞	4⅛
Lomart Perfected Devices Inc 50c	5¾	6¼
London Terrace Inc— Class A 1	22	--
Londontown Mfg 1	18½	19½
Lone Star Brewing 1	38½	41
Lone Star Steel Co 1	7½	8⅜
Longchamps Inc 1	4¼	5¼
Long Island Plastics 10c	1	1¼
Longhorn Portland Cement Co 1.25	24¼	26½
Long-Lok Corp *	7	7¾
Long Mile Rubber 1	9¼	9¾
Longs Drug Stores 2	18½	20⅛
Longview Fibre 7.50	73	76
Lortogs Inc 1	2¾	3¼
Los Angeles Drug *	13¾	14⅞
Louisiana-Delta Offshore Corp 2c	1½	1¾
Louisiana State Rice Milling 10	22½	--
Lowell Toy Mfg 50c	3¾	4½
Lowe's Cos Inc 1	10¼	11⅛
Lucky Lager Brewing 1	16	18¾
Lucky Stores Inc 1.25	17⅜	17¾
Ludlow Corp *	48½	52⅛
Ludlow Typograph 10	13¼	14
Ludwig Engineering and Science *	4	4½
Luminator Harrison 1	7¾	8½
Lum's Inc class A 10c	⅜	⅝
Lunn Laminates 25c	⅛	⅞
Lusk (The) Corp 1	1½	2
Warrants	½	⅞
Lynch Communication System Inc com 1	7¾	8½
$8.50 warrants	3	5
Lyntex Corp 25c	1⅝	2
Lyon Metal Prod 2½	23½	24½
Lytle Corp *	¼	⅝
M & D Store Fixture 1	5¾	6½
M S I Electronics 3c	½	⅞
Macco Corp 1	11	12¼
Macco Realty Co 1	4¾	5½
MacDonald (E F) 1	11⅜	11¾
Machine Bull "ADRS"	87	91
Mack Trucks Inc— 1959 warrants	6½	7¼
1961 warrants	8¾	9½
MacWhyte Company 10	27	28½
Madway Main Line Homes, Inc 1	10	11½
Magma Power 10c	½	¾
Magna Pictures Corp 5c	1¼	1½
Warrants	⅜	¾
Magna Pipe Line Co Ltd com *	5¼	5½
Units	5½	5⅝
Warrants	1⅛	1⅜
Magnasync Corp 1	1	1½
Magnefax Corp *	2⅝	3
Magnetic Metals 1	7	8⅛
Magnetics Inc 1	4⅛	4⅞
Magnin (Joseph) Co 1	32½	35¾
Mahon (R C) Co 5	7⅞	8⅜
Majestic Penn State *	⅞	1¼
Major League Bowling & Recreation Inc 1	⅝	⅞
Major Pool Equipment Corp 10c	1⅝	2
Major Realty Corp 1c	5/16	7/16
Mallinckrodt Chemical Works cl A com 10	33	35
4¼% convertible pfd series C 50	43	47
Mallory (P R) & Co— 5% preferred 50	54	58
Malone & Hyde Inc 1	15½	16
Management Assistance 10c	8	8½
Mandrell Industries *	12¾	13½
Manischewitz (B) Co *	--	34
Mannesmann (A G)— Amer deposit rcts	25	26
Manpower Inc 66⅔c	23½	24
Mann Research Laboratories Inc 50c	1⅜	1¾
Maradel Prods Inc 1	19⅛	20½
Marcon Electronics 1	9¼	10¼
Maremont Corp— 6% preferred 100	99½	--
Marine Drilling 40c	10c	25c
Marine Petroleum Tr— Units of interest	2½	2¾
Marine View Electronics Inc 10c	1	1⅜
Market Basket 50c	21¾	23⅜
$1 preferred 15	17	--
Markite Co 25c	14¾	15¼
Marlene Industries 10c	5⅜	6
Marley (The) Co 2	20¾	21¼
Marmac Industries 10c	1¾	2½
Marmon Herrington 1	9¾	10⅝
Marquette Corp 1	3⅜	3¾
Marrud Inc 2	8	8¾
Marsan Industries— Class A common 10c	1/16	¼
Marsh & McLennan *	38⅝	40⅞
Marsh Steel Corp 1	5	5⅜
Marsh Supermarkets *	11¾	12¼
Marshall Electronics 1c	1 1/16	1 5/16
Marshall Industires 1	5½	6¼
Martin Yale Business Machines "units"	1¼	1¾
Martinall Indus 1¼	11	11¾
Mary Carter Paint— Common 1	6½	7
Class A common 1	6½	7⅜
Maryland Shipbuilding & Drydock— Common 50c	13¾	15⅛
4½% preferred 100	99	--
Mastan Co 1	10½	11
Mass Bldg Trust 100	9	--
Mass Real Estate 50	115	--
Mass Protective Assn 5	112	115
Mastercraft Medical & Industrial Corp 10c	1⅞	2¼
Mastic Corp 1	6½	7½
Mastro Industries 10c	1⅞	2⅛
Mathes (Curtis) Mfg 1	36	37
Matheson Co Inc 1	27½	30⅜
Mathews Conveyor 1	18	20
Mathias (A L) Co *	3	3¾
Mattell Inc 1	27¼	27¾
Matthiessen & Hegler Zinc Co 20	13½	15½
Maul Bros Inc 25c	6⅛	6⅝
Maust Coal & Coke 1	12¼	12⅝
Maxam Inc 1	8¼	9⅛
Maxson Electronics 3	5⅜	6⅛
Maxwell Indus 10c	9¼	10¼
Mayer (Oscar) & Co 10	26½	28
Mayfair Industries 1	1½	2
Mayfair Markets 1	5½	6¼
Mayfair Super Mkts 1	½	11/16
Mayfield Engnerng 10c	1⅞	2⅛
McCandless Corp *	1⅝	2⅛
McCloud Riv Lumb 25	82	87
McCormick & Co *	33	36
McDonough Co com *	31	--
5% preferred 25	25	--
McGill Mfg Co 50	15	--
McGowen Glass Fib 1c	2⅞	3⅜
McGraw (F H) & Co 2	2	2⅜
McLean Industries— Class A 1c	3¾	4
$3 preferred 5	47¼	48¼
McLouth Steel Corp 2½	30⅞	32⅞
McQuay Inc 1	13¼	14¼
Mecanair Inc *	1¼	2¼
Mechanical Handling Systems Inc 1	2⅞	3½
Mech-Tron Indust 50c	⅜	⅝
Medallion Pictures 50c	4¼	4¾
Medco Inc class A 10c	6	7
Medex Inc 1c	¼	½
Medford Corp 10	215	--
Medtronics Inc 10c	1⅞	2⅛
Meehan-Tooker Co 10c	3⅜	3⅝
Megadyne Elect'nics 10c	⅛	⅜
Melnor Industries 1	8¾	9¼
Melo-sonics Corp 10c	3c	15c
Melpar Inc 1	8¼	9½
Merchants Acceptance Class A common *	33½	35½
Merchants Bakery 1	8⅛	8¼
Merchants Fast Motor Lines 1	23	23½
Mercury Photo— Class A *	8¼	9
Meredith Publishing 5	19¼	21¼
Meridian Electron's 10c	1½	2
Merry Bros Brick & Tile Co 2.50	5½	6½
Mersick Industries— Class A common 1	1⅞	2¼
Mertronics Inc 10c	⅝	⅞
Messenger Corp 1	13½	--
Met Food Corp 1	1½	1¾
Metal Bellows *	3½	4¼
Metalcraft Inc 10c	⅝	⅞
Metalfab Inc 1	5	5½
Metal Goods Corp 3.75	13	15⅛
Metal Hydrides Inc 5	6	6¾
Metal Marking Industries Inc 25c	1⅝	2
Metalphoto Corp 1c	2½	3
Mettalurgical Inter'l Class A 10c	¾	1
Metallurgical Resources Common 1c	18c	25c
Metatronics Mfg 5c	1⅜	1⅞
Metcom Inc 50c	3¾	4½
Metro Inc common 1	--	4
7% preferred 10	--	10
Metropolitan Bowling Centers Inc 10c	1 1/16	1 5/16
Metropolitan Playhouse Class B *	11	--
Metrop Stge Whse 20	n29	--
Mexican Eagle Oil— Ordinary *	60c	70c
Meyer (Fred) Inc— Class A common *	9¾	10⅝
Meyer (George J) Mfg Co 5	34½	35
Meyercord Co 5	11½	12
Miami Data Processing Center, Inc 10c	3¾	4¼
Miami Tile & Terrazzo 1	1	1½
Miami Window Corp— Common 50c	¼	½
Warrants	--	⅛
70c conv preferred 8	1	1½
Michaels (J) Inc 1	5½	6
Michelin Rubber & Tire	225	230
Michigan Bakeries 1	2¾	3½
5½% conv pfd 20	18½	21
Mich Seamless Tube 5	16½	17½
Microdot Inc *	10⅛	10⅝
Micro Metals 10c	¾	1¼
Micro Precision 20c	⅞	1⅛
Microsonics Inc *	2	2¾
Microton Industries 10c	11/16	⅞
Mid-State Raceway 1	8	9½
Midas-International— Class A common 1	9¾	10¼
Midwest Rubber Reclaiming com 2.50	12½	13¼
4½% preferred 50	43½	45
Midwest Technical Development Corp 1	1	1¼
Miehle-Goss-Dexter Inc 7.50	37½	38¼
Mile High Kennel Club (Colo) cl A 1	4¼	4¾
Miles-Samuelson 1	1¾	2¼
Milgo Electronics 1	7⅝	8⅛
Milgray Electronics 25c	4	4½
Miller Bros Hat 1	10	11
Miller Mfg Co 1	5½	6⅜
Miller & Rhoades— Common 20	24½	--
4.75% preferred 100	90	--
Millipore Filter 1	27	28½
Milton Bradley Co 1	13¾	14¼
Mine Safety Appli 10	74	79
Miner Industries 1c	2¼	2⅞
Minerals Engineering 1	¾	1
Miniature Precision Bearing class A 2	5¾	6¼
Minitone Electronics 10c	3/16	3/8
Minitronics class A 20c	½	⅞
Miracle Mart Inc 1	5¾	6⅛
Miss Elliette Inc 50c	1⅝	2
Miss Pat (Cal) *	6½	7⅜
Missile Components *	¼	½
Missile Sites Inc 25c	1¼	1⅜
Missile Systems 10c	2⅞	3½
Missile-Tronics 10c	¾	1⅛
Mississippi Glass Co 10	21	23
Mississippi River Transmission Corp 1	12¼	13

*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 DECEMBER 31, 1962

Stocks—	Par	Bid	Ask
Mississippi Valley Barge Line Co	1	11	12
Missouri Research Laboratories Inc	10c	1½	1¾
M I T E Corporation	1	3¼	3¾
Mitron Research & Developm t Corp	10c	⅝	⅞
Mobile Rentals	*	7¼	7¾
Mobilife Corp	50c	2⅜	2¾
Model Engineering & Mfg Corp	*	8½	9¼
Model Vending Inc	1	⅞	1⅛
Modern Homes Const	*	5⅝	6⅜
Modern Materials	1	4¼	4¾
Mohawk Electronics	40c	15c	23c
Mohawk Liqueur	1	14½	16½
Mohawk Rubber Co	1	24	25
Mohican Corp	1	⅜	⅝
Moki Oil & Rare Metals Co	5c	35c	50c
Molecular Systems	1c	3	3½
Moloney Electric A	*	25	30
Monarch Electronics International	1	½	¾
Monarch Marking System Co	*	38½	40
Monmouth Electric	25c	2¼	2½
Monmouth Park Jockey Club common vtc	1c	11¾	12⅞
Monroe Auto Equip	1	18¾	19¼
Montecatini Mining & Chemical Co— Italy (£1,000)		4.65	4.80
Montgomery (H A)	5	7½	--
Moog Servocontrols	1	12½	13⅝
Moore (E R) Co	*	9¾	10⅛
Moore Drop Forging	1	15½	17¾
4¾% preferred	50	40	--
Moore-Handley Inc	1	9⅛	10
Moore Products Co	1	17½	19
Morgan Engineering	1	10¾	11½
Morningstar-Paisley	1	11¼	12¼
Morrison Cafeterias Consolidated com	*	28	30
7% preferred	100	107½	--
Morrison-Knudsen	10	28½	29
Morse Shoe Inc	1	11⅜	11¾
Morton Foods	1.50	8½	8⅞
Morton Mfg Corp	1	20¼	21
Mosinee Paper Mills	10	34½	36½
Mosler Safe Co	1	17⅜	18⅝
Mother's Cookie	*	7⅞	8¾
Motor Coils Mfg	50c	1⅞	2⅜
Motor Mart Garage	1	5	--
Motor Parts Industries Class A	10c	2⅞	3⅜
Mountain Electron	50c	1⅜	1¾
Mt Isa Mines Ltd— Amer deposit rcts		7⅛	8
Moxie Co	*	a30c	40c
Multi-Amp Electron	10c	1⅝	1⅞
Multnomah Co	*	6	7
Multnomah Kennel Club class A	1	6	7
Murray Co of Texas Inc	2.50	27	29⅞
Music Fair Enterprises Inc	50c	4¼	4¾
M V T Industries	1	2½	2⅞
Myers Emporium (Australia) ord 5s		3½	3¾
Amer dep rcts		n16½	17½
Nail-Tone Inc	10c	1/16	¼
Nalco Chemical	1.25	45	48
Nalley's Inc	62½c	8⅛	8⅝
Narda Microwave	10c	1¾	2
Narrow Fabric Co	3	10½	11
Nashau Corp— Class A	1.66⅔	24	26
Nat'l Aeronautical	1	13⅝	14¾
Nat'l Alfalfa Dehydratg & Milling 5% pfd	50	42	--
National Bagasse Products class A	1	2½	2⅞
Warrants		1⅜	1⅝
National Chem & Mfg	1	13¼	14¼
National Cleaning Contractors Inc	1	14	15⅜
Nat'l Cleveland Corp	1	1⅛	1½
Nat'l Dock Trust	100	31	--
National Equipment Rental Ltd "wts"		7	9
National Food Marketers Inc	1c	¾	1½
Nat'l Food Products	1	15¼	17½
Nat'l Gas & Oil Corp	5	20	22
Nat'l General Corp— Warrants		½	⅝
Nat'l Growth Corp	25c	¼	½
National Homes Corp— Class A	50c	4	4½
Class B	50c	3⅞	4⅜
Warrants		1¼	2
National Hospital Supply Co Inc	10c	⅜	¾
National Instrument Laboratories	10c	⅞	1¼
Nat'l Licorice com	100	240	260
6% preferred	100	105	110
Nat'l Mercantile	10c	¼	⅝
National Musitime	1c	10c	25c
Nat'l Nu-Grape Co	*	2⅜	--
National Patent Development Corp	1c	5¾	6⅞
Nat'l Periodical Publications	1	7¾	8¼
Nat'l Pool Equipment	1	1⅛	1½
Nat'l Propane Corp— Common	1	11⅝	12¾
5% conv 2nd pfd	25	30	--
National Resources	*	2¼	2¾
Nat'l Screw & Mfg	1	36	37½
Nat'l Shoes Inc	1	6½	7½
National Tank Co	1	18¾	19¼
Nat'l Tel-tronics	10c	1¼	1⅝
Nat'l Telepik	1c	1	1½
Nat'l Terminals Corp	5	15	15½
Nat'l Work-Clothes Rental	50c	6¼	7
Nationwide Homes	50c	1	1½
Nationwide Tabulating Corp	10c	2⅛	2⅜
Natpac Inc	10c	2⅜	2¾
Naturizer Co Class A com	20c	1⅞	2⅛
Navajo Freight Lines	1	12½	13
Navigation Computer	*	2½	3½
Nazareth Cement	10	13½	15
Neb Consol Mills	10	22	--
Neiman-Marcus	2	17	18½
4¼% preferred	100	88½	--
Nekoosa-Edwards Paper class A	10	16¼	17½
Class B	10	16¼	17½
Neptune Meter $2.40 preferred	50	48	--
Nesbitt (John J)	50c	9	10
Networks Electr'ics	50c	3⅛	3½
Neuhoff Bros Pk'g	10	22½	--
Newark Electronics— Class A	2	4¾	5⅛
New Britain Mach	10	19	19¾
New England Confectionary	25	31½	33
New England Fish— Common Class B	*	95	--
Preferred	100	75	--
New Eng Laundries	*	8	13
New Hampshire Ball Bearings	2	9¾	11
New Hampshire Jockey Club vtc	*	34½	37½
New Haven Board & Carton	10	3	3½
New Jersey Alumin Extrusion class A	1	2¾	3¼
New Jersey Realty	1	16	18
New Medical Techniques Inc	*	7/16	⅝
New York Airways	1	5¼	6
N Y Fruit Auction Class A	*	40	--
N Y Merchandise	10	21	--
N Y Trap Rock	*	12¼	13⅝
New Yorker Mag	10	84	88
Nicholson File	1	21	22¾
Nicholson Term Dock	1	n13	--
Nielsen (A C)	1	54¾	57
Nissen Trampoline	1	2⅞	3⅜
Nitrogen Oil Well Service Co	25	24½	--
Nixon-Baldwin Chemicals Inc	10c	5¾	6½
Nopco Chemical 4% pfd series A	100	82	--
Noranda Mines Ltd	*	30½	31½
Noranda Oil Corp	1	¼	⅜
Nord Photocopy & Electronics Corp	10c	1½	2
Norma-Hoffman Bearings Corp	5	a19½	--
Nortex Oil & Gas	1	2⅛	2⅜
$1.20 conv pfd	1	12¼	13
North & Judd Mfg	12½	14½	16
North American Contracting Corp	10c	3/16	⅜
North American Refractories Co	10	10½	11½
North American Van Lines Inc	*	20½	21½
North Amer Vending Mfg Corp	10c	1⅞	2¼
North Central Airlines Inc	20c	4	4½
North Central Co	1	8	9⅛
North European Oil	1	83c	90c
North Hills Electric	1c	¾	1
North Star Oil	10c	7/16	9/16
Northern Chemical Industries class B	*	2¾	3½
North'n Engin'g Wks	1	7	7¾
Northern Instrument	1c	⅝	1
Northwest Engineering Co class A	*	28	29½
Northwest Nitro Chemicals Ltd	1c	15/16	1⅛
Northwest Paper Co	5	26	--
Northwest Plastics	2.50	6	6¾
Northwest Production	1	1⅜	1⅝
Northwestern Glass	5	14⅛	15⅜
Northwestern States Portland Cem't Co	*	49½	51½
Norton Co	10	31½	32½
Norwalk Company	1	3⅝	4⅛
Noxzema Chemical Class B common	1	79	82
Nuclear-Chicago Corp	1	12¼	13⅜
Nuclear Data Inc	*	13½	14¼
Nuclear Materials & Equipment Corp	*	40	43
Nu-Era Corp	*	¾	1
Nucleonic Corp of America	10c	1¼	1¾
Nunn Bush Shoe	2.50	18	19½
NuTone Inc	1	18¼	19¼
Nytronics Inc	1	3	3¾
O K Rubber Welders	10	n2½	3
Oakland Consol Corp	*	1/8	⅜
Obear-Nester Glass	*	18½	19¼
Oberman Mfg com	1	2⅝	3⅛
5% conv pfd	10	6	6¾
Ocean Drilling & Exploration Co	1	13¾	14¼
Ocean Products	5	5	--
Ocean-Spray Cranberries Inc— Common	25	11	--
4% preferred	25	14	17
Oceanarium Inc	1	10	11¼
Oceanic Instruments	1c	8c	16c
Oceanics Inc	10c	1 1/16	1¼
Official Films Inc	10c	5/8	⅞
Oglebay Norton Co	1	17¾	18¾
Ohio Crankshaft	15	18	19
Ohio Leather Co	5	14	15
Oilgear Co	6.25	26	28
Oil Inc (Nev)	1	1⅝	1⅞
Oil Recovery Corp	1c	7	7⅞
Oil Shale Corp	15c	1¼	1⅝
Oklahoma Cement	25c	13¼	13¾
Okla Miss River Products Line Inc	1c	6¼	6⅞
Old Ben Coal Corp	5	28	29
Old Empire Inc	10c	1½	2
Oliver Tyrone Corp	10	19	--
Olivetti— Adrs for pref shares		8½	8¾
Olson Brothers	1	1⅞	2⅛
One-Hour Valet	1	1⅜	1¾
Onego Corp	1	¼	½
Oneida Ltd com	12½	19¾	20½
6% preferred	25	25	--
Onondaga Pottery	*	47	48½
Onyx Chemical Corp	*	24	26¼
Orbit Instrument	10c	1¾	2¼
Ore-Ida Foods Inc	*	5½	6
Oregon Metallurgical	1	1⅛	1⅛
Oregon Portland Cem— Class A common	*	17¾	18¼
Originala, Inc	10c	6¼	6¾
Orkin Exterminating	*	21¼	23
Ormont Drug & Chemical Co	3	2½	3
Ortronix Inc	10c	2¼	2⅝
Osborn Mfg Co	5	22	23
O'Sullivan Rubber— 5% preferred	20	13	--
Otarion Electron	10c	½	--
Outdoor Developmt	15c	⅛	½
Overnite Transportation Co	50c	16	16½
Ovitron Corp	1c	1⅞	2¼
Oxford Chemical— Class A common	25c	6½	7⅜
Oxy-Catalyst	*	9	11
Ozon Products	50c	6	7⅛
Oz Publishing Corp	20c	⅛	¼
Ozark Air Lines	*	3⅜	3¾
Ozite Corp	5	17	18
P & C Food Markets	5	12½	13½
PCS Data Process'g	10c	1¾	2½
PEC Israel Economic Corp	25	13½	14½
P-G Products Mfg	50c	4¼	4½
P & H Tube Corp	1	2¾	3⅛
Warrants		¼	--
Pabst Brewing Co	*	12⅞	13¾
Pacific Air Lines	50c	4¼	4⅞
Pac Airmotive Corp	1	4¼	4⅞
Pacific Automation Products Inc	1	¼	¾
Pacific Car & Fdy	20	77	79
Pacific Far East Line Common	5	12¾	13½
5¼% conv 1st pfd	25	25	--
Pacific Gamble Robinson	5	10⅜	11¼
Pacific Intermountain Express Co	2	13⅜	13¾
Pacific Mercury Electronics cl A	50c	4⅝	5¼
Pacific Nutrient & Chemical Co	10c	1½	1⅞
Pacific Outdoor Adv	5	11¾	12¼
Pacific Vegetable Oil Corp	5	16¾	18⅛
Package Machinery	10	14½	15½
Packard Instrument	*	21¼	23¼
Pacotronics Inc	1	⅝	1
Paddock of Calif	1	--	½
Pakco Management & Development	1c	4⅝	5
Pako Corporation	2.50	13¾	14¼
Palace Corp	1	7/16	9/16
Palm Developers Ltd— Ordinary	1s	⅜	¾
Palomar Mortgage	1	5¾	6½
Pan-Alaska Fisheries	50c	1⅞	2⅛
Panacolor Inc	20c	6½	7
Pan Amer Resources	5c	3⅞	4⅜
Panoil Co	10c	30c	34c
Panoramic Electron	1	a—	--
Pantex Mfg Co— Common	12½c	1/16	3/16
Papercraft Corp	1	8½	9¼
Papert, Koenig, Lois— Class A	30c	4¾	5¼
Para Industries	10c	1	1½
Paradox Production	1	1/16	5/16
Paradynamics Inc	1c	2½	2⅞
Paramount Foam Industries	10c	1	1⅜
Paramount Motors	1	55	--
Pargas Inc	1	16	16¾
Park Lexington	10	160	--
Parker (A-J) Co	*	1⅞	2⅝
Parker-Hannifin	*	27	28
Parker Petroleum— Common	10c	⅜	⅝
6% conv pfd	10	2½	3½
Parkview Drugs	1	11¼	12¼
Patent Resources	10c	1/16	3/16
Paterson Parchment Paper Co	10	10½	11¼
Pathe Equip cl A	75c	2⅞	3¼
Patino Mines & Enterprises Cons— American shares	1	2¾	--
Patrician Paper Co	10c	3⅛	3⅜
Patterson (M F) Dental Supply Co of Del	*	5⅞	6⅜
Pauley Petroleum	1	11¼	12¼
Pavelle Corp	10c	2¼	2⅝
Pearce Simpson Inc	50c	1	1⅜
Pearl Brewing	1	22⅝	24⅛
Pearson Corp	25c	2⅞	3½
Pechiney Co	5000f	42	48
Peerless Tube Co	2	7¾	8⅝
Pell Pharmaceut's	5c	⅝	1
Pend Oreille Mines & Metals Co	1	1,45	1,65
Penn-Akron Corp	5c	2/16	¾
Penn Anthracite Collieries units		8	12
Penn Controls	2.50	18	19½
Penn Dairies class A	5	3½	4
Penn Engin'ing Corp	*	10¾	12¼
Pennsyl Industrial Chemical Corp	10	35	--
Penobscot Chemical Fibre Co	1	7⅝	8½
Pepsi-Cola Bottling Co of Wash D C	10c	4⅜	4¾
Pepsi-Cola General Bottlers Inc	1	13¾	14⅛
Pepsi-Cola United Bottlers Inc	1	4½	5
Perfect Fit Industries class A	10c	½	1¾
Perfect-Line Mfg	10c	¾	1⅛
Perini Corporation	1	3¾	4¼
Perini Electronics	1	¾	1¼
Permanent Filter	*	4⅜	4¾
Permeator Corp	10c	5	5¼
Rights		½c	2c
Perrine Industries— Class A common	1	¾	1⅛
Perry Electronic Components Inc	5c	1/16	¼
Personal Property Leasing Co	1	6⅜	7⅛
Peter Paul Inc Split 2 for 1		35	37
Peterson Electronic Die Co Inc	10c	1¼	1⅝
Petrolane Gas Serv	1	25½	27½
Petroleum Explor	10	n58	62
Petrolite Corp	*	24¾	25¾
Pettibone Mulliken	20	20	21
Pextile Corp of Amer	1	n1⅜	1¾
Pharmaceutical Vend'g	1	⅛	⅜
Phila Bourse	50	56	--
Philadelphia Labs	*	4½	5¼

* 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 DECEMBER 31, 1962

Stocks— Par	Bid	Ask
Philips Gloeilampen Fabrieken (1000 florins)	1,540	1,550
25 florins	38⅛	38½
Photographic Assistance Corp 20c	¼	½
Photo-Marker Corp 50c	1⅜	1¾
Photon Inc 1	8½	9¼
Photonetics Corp 10c	3/16	⅜
Photronics Corp 10c	3/16	⅜
Physio-Chem Corp 1c	⅝	¾
Pickering Lumber 3.75	5⅛	6⅝
Pickwick Internat'l 1c	2¾	3
Pickwick Organiz 10c	1⅞	2⅛
Pictorial Product'ns 20c	2⅝	3⅛
Piedmont Aviation *	3¾	4
Pierce & Stevens Chemical Corp 2	13½	15⅛
Pigeon Hole Parking (Washington) 10c	5c	15c
of Texas 25c	3/16	--
Pinnacle Explorat'n 10c	⅜	⅝
Pioneer Aerodynamics Systems 10c	3⅛	3½
Pioneer Astro Industris Inc *	3⅜	3⅝
Pioneer Metals 10c	3⅛	3⅝
Pioneer Texas Corp	2⅜	3
Pir-O-Wood Indus 10c	--	2
Pirelli Co of Italy— Amer dep rcts	9¼	9½
Pittsburgh Reflector— Class B 5	5¾	6¼
6% conv pfd A 10	9	--
Pittsburgh Standard Conduit Co 5	4¼	4¾
Placer Development *	25⅜	25⅞
Plant Industries 50c	3¾	4½
Plastic Applicators 1	1⅞	2¼
Plastic Wire & Cable 5	17	18
Plasticrete Corp 1	6⅝	7¼
Plastics & Fibers 20c	3	3½
Plastiline Inc 10c	1¾	2¼
Plastoid Corp of America 1c	1/16	1/16
Plated Wires & Elec 10c	2	2¾
Platt Corp cl A 50c	1⅛	1½
Playskool Mfg Co 1	13	14⅝
Plymouth Cordage 25	84	89½
Plymouth Rubber 5	8	8⅞
PneumoDynamics 1	9¾	10½
Pocket Books Inc 50c	5¾	6⅜
Polaroid Corp 5% 1st preferred 50	44	--
$2.50 2nd preferred 5	43	--
Policy-Matic Corp of America 1	½	--
Poly Repro Int'l Ltd 5c	2¾	3¼
Poly-Seal Corp 10c	⅜	¾
Polychrome Corp 1	8⅛	8⅝
Polymetric Devices 10c	4½	5
Polysonics Inc 1c	3c	7c
Polytronics Labs— Class A 10c	⅞	1⅛
Pope & Talbot com 5	17¾	18½
6% preferred 5	4⅞	--
Popell (L F) Co 10c	7⅞	8⅜
Popular Library 1	2½	2¾
Porce-Alume Co 10c	¼	½
Porce-Cote Research & Dev class A 10c	½	1
Portable Elec Tools 1	8¾	9½
Porter (H K) Co (Del) Common 1	29½	31
4¼% preferred 100	95	--
Potash Co of Amer 5	23½	25½
Potlatch Forests 1	25	27¾
Potter Instrument 25c	6⅛	7
Power Designs 10c	1¾	2
Power Indus Prod— Class A com 10c	4¼	5
Powertron Ultrasonics *	2⅜	2¾
Precision Automotive Components Co 1	5¼	5¾
Precision Instruments *	10⅛	10⅞
Precision Radiation Instruments Inc 50c	--	25c
Precision Special 10c	⅝	1
Precis Transformer 20c	1/16	3/16
Preco Industries 5c	¼	¾
Premier Albums 25c	7	7½
Premier Corp of America 10c	3⅛	3⅝
Premier Industrial 1	15⅛	16⅜
Premier Microwave 1	3½	4⅛
President Brand Gold Mg "ADRS" 5s	10	10⅜
President Steyn Gold Mining Co Ltd 5c	3	3⅝
Prevor-Mayrsohn 10c	3½	4¼
Preway Inc 5	4¼	5
Primex Equities Corp— Class A 10c	8	9⅛
Prince Gardner 10	22	24
Printed Circuits 10c	⅜	½
Printing Corp of America 1	8¼	9
Process Lithograph 10c	2c	8c
Procter & Gamble Co— 8% preferred 100	182	--
Producers Cotton Oil Co 1	12⅛	12⅝
Producing Properties Common 10c	5½	5¾
6% preferred 25	26	27
Products Research 2	10⅛	11½
Professional Golf 50c	5¾	6½
Programm'g & Systs 10c	n2	2¾
Progress Webster Electronics Corp 1	1¾	2¼
Progressitron Corp 10c	¾	1½
Prom Motor Hotel— Class A *	9	9½
Prosper-Way Inc 10c	3¾	4¼
Prufcoat Labs Inc 1	8½	9
Pubco Petroleum 1	10¼	10½
Publishers Co 40c	5⅛	5¾
Pueblo Supermarkets Class A common *	23½	24½
Puerto Rico Brewing *	4¼	4⅝
Punta Alegre Sugar 1	10	10⅞
Purepac Corp 5c	½	⅞
Purex Corp Ltd 1	23¼	24⅞
Puritan Fashions 1	9¾	10¼
Purity Stores Ltd 1	9½	10½
Purolator Products 1	53½	56¾
Pyle National 8% preferred 100	123	--
Pyroil Co Inc 1	5¾	6½
Pyrometer Co of America 50c	⅛	⅜
Q-Line Instrument 1c	5¼	6
Quality Importers 1	7	7¾
Quartite Creative 10c	2¾	3¼
Quik-Chek Electronics & Photo Corp 1	3½	3¾
Quincy Market Cold Storage & Whse 50	46	48
Quinta Corp 5c	1/16	1 1/16
R C Can Company 1	30¾	31½
R E D M Corp 25c	4¼	5
Rabin-Winters Corp *	⅞	1⅛
Radar Design 1	n2¼	2¾
Radar Measurements 1	½	⅞
Radiant Lamp Corp— Class A 10c	2¾	3⅛
Radiation Instrument Dev Lagoratory 50c	a6¾	7½
Radiation Dynamics 1	30	33½
Radio Frequency 1	1¼	1⅝
Radio Shack Corp 1	2⅛	2½
Ragen Precision Industries Inc 25c	2⅞	3⅜
Rainbow Photo Industries, Inc 25c	1½	2
Rajac Industries 10c	1⅛	1½
Ram Tool Corp 3⅓c	2⅛	2½
Ranchers Exploration & Develop Co 10c	1⅛	1 5/16
Rand Development 5c	3	4
Randall Graphite Bearings Inc 1	3	4
Rank Organization "A" Amer dep rcts	4⅝	4⅞
Ranney Refriger 2.50	4½	5
Rantec Corp *	9¾	10¾
RAP Industries 1	4⅜	4¾
Rapid Film Technique Inc 10c	½	1
Rare Metals Corp of America 1	⅞	1⅛
Raritan Plastics Class A com 10c	1⅛	1½
Raychem Corp *	28	29
Raymond Engineering Laboratory Inc 1	5	5½
Reading & Bates Offshore Drilling— Common 20c	4	4⅜
Class A conv *	17¼	18¾
Realsite Inc 10c	¼	½
Voting trust ctfs	⅛	⅜
Realtone Electr'nics 10c	1¾	2
Reardon Co 1	7	--
Record Vend Mach 10c	⅛	½
Red Fish Boat Co— Class A 10c	1/16	3/16
Redman Mfg & Engineering 1	3¾	4¼
Red Rope Stationery Industries 10c	1¼	1⅝
Redwing Carriers 1.25	10	10½
Reece Corp 1	88	91
Regal-Meadows 25c	2⅛	2½
Rego Industries 10c	¾	1
Reheis Co class A 1	9	10½
Reher Simmons Research, Inc *	3	3½
Rek-O-Kut Co Inc 25c	¾	1⅛
Remco Industries 50c	10¼	11½
Remington Corp 1	1½	1¾
Renaire Foods Inc 1	1	1½
Renmar Corp 50c	⅛	½
Renner Inc 50c	¼	⅝
Renwell Electronics 1c	a20½	21½
Renwell Industries 1c	20½	21½
Reon Resistor 1c	¼	⅝
Republic Electronics Industries 10c	1⅛	1½
Republic Graphics 10c	n⅛	½
Republic Supply Co of Calif 10	9¾	10¾
Rese Engineering 1	5c	15c
Research Specialties 1	8¼	9⅝
Reser's Fine Foods 25c	⅛	⅜
Resiflex Laboratory 1	11½	12½
Resistance Welder 1	⅞	1⅝
Resisto Chemical *	½	¾
Resitron Labs Ltd 25c	½	¾
Resource Ventures 1	3c	7c
Reva Enterprises 1	9½	10½
Revere Racing Assn *	8⅛	8¾
Rexach Contruction 1	9½	10
Reynolds & Reynolds— Class A common 10	23¼	25⅛
Rhine Westphalia Electric Pow "Adrs"	75	76
Rhodes (M H) Inc 1	1⅛	1½
Rhodesia Broken Hill Develop Co Ltd— English shares	n⅜	⅝
Rhodesian Anglo-Amer Amer deposit rcts	7¼	7¾
Richards Aircraft Supply Co 10c	⅞	1⅛
Richardson Co 12.50	24	25⅝
Rich Ice Cream Co *	43	--
Richmond Cedar Works New common	5½	6½
Richmond Homes 1	3⅜	3⅞
Rich's Inc com *	36	37
3¾% preferred 100	85	--
Riddle Airlines 10c	3/16	5/16
Ridge Tool class A *	21¼	22
Riegel Textile Corp— Common 5	19	20½
$4 pfd series A *	83	86
Rieke Metal Prod 5	29	--
Riley-Stoker Corp 3	37¾	40½
Rimrock Tidelands 80c	2¼	2¾
Rio Tinto Co Ltd— Ordinary 10s	2⅝	2⅞
Ripley Co Inc 50c	5¼	6
Ripley Industries & Jomar Plastics— "Units"	7¼	8¼
River Brand Rice Mills 3½	19¾	21½
Rixon Electronics 25c	3⅛	3⅝
Roadway Express 25c	52½	55⅞
Roanwell Corp 1	3¾	4½
Robbins & Myers *	60	66½
$1.50 partic pfd *	25	27
Roberts & Porter 1	10¾	11½
Roberts Co 1	3⅜	3⅝
Roberts Lumber 2.50	6¼	6¾
Robertson (H H) 1	43¾	44
Robins Industries 10c	1	1¼
Roblin-Seaway Industres class A 10c	⅞	1⅛
Robosonics Inc 25c	3⅛	3⅝
Rochester & Pittsburgh Coal common *	26	28
5% non-cum pfd 100	60	--
Rochester Button Co 1	15	16
Rock of Ages Corp *	16½	17
Rocket Jet Engineering Corp 75c	4¼	5
Rocket Power, Inc 1	3¼	4
Rocket Research *	⅞	1⅜
Rockower Bros 30c	4⅛	4½
Rockwell Mfg Co 2.50	23½	25¼
Rockwood & Co com *	90	--
5% series A pfd 100	75	--
Rodale Electronics 50c	1	2
Roddy Recreation Products 1	5¼	6¼
Rogers (John) Co 1	16	16½
Rondout Corp 10c	¼	⅝
Roper Industries 5	y15½	17¼
Rorer (Wm H) 8⅓c	32¼	33
Rose Marie Reid 1	4⅞	5½
Rose's Stores 10	58	--
Ross Gear & Tool 10	19	20⅝
Rotating Components 1c	1	1⅜
Rothmoor Corp 40c	3¼	3¾
Roto American Corp 1	2¼	2¾
Roto Cylinders 10c	1½	2¼
Rotron Mfg Co 5c	18¼	19¼
Rowan Controller 2.50	6¾	7½
Rowe Furniture Corp 1	13	13½
Royal Dutch Petrol— New York shs (33⅓ florins)	71¾	76¼
Royal Industries 1	3¾	4¼
Royal Land & Dev— Class A 10c	1⅜	1⅝
Royal McBee Corp— 4½% pfd series 100	60	68
Rucker & Co *	14½	15⅝
Rudd-Melikian 1	6⅛	7
Russell Mfg Co *	15	16½
Russell Reinforced Plastics Corp cl A 1	¼	½
Class B 5c	¼	½
Russell Stover Candies Inc 1	25½	26½
Russ Togs Inc— Now listed ASE		
Rust Craft Greeting Cards Inc 1	10¼	10⅝
Ruth Outdoor Advertising cl A 10c	1⅜	1¾
S & P Nat'l Corp— Common 1	45c	60c
Class A	6	8
S. O. S. Photo-Cine-Optics 1c	¼	⅝
Sachar Properties 10	⅞	1⅜
Warrants	1/16	¼
Saco Lowell Shops 2.50	27	28½
Sacol Inc cl A com 10c	4	6
Safeguard Corp 50c	1⅜	1⅞
Safticraft Corp 10c	3⅛	3⅞
Safway Steel Prod 2	7	7¾
Sagamore Mfg 10	a11¼	12¼
Sage International 1	6	6¾
St Clair Specialty Manufactur'g Co 50c	5⅜	5¾
St Croix Paper 12½	35¾	36¼
Saint Gobain "ADRS" Coupon shares	6⅜	6⅝
	63	66
St John Del Rey Mining Co Ltd £1	5	5¾
St Lou Steel Casting 5c	6⅜	6¾
St Paul Ammonia Products Inc 2½c	2¼	2¾
Saladmaster Corp 50c	4½	5¼
Salant & Salant cl A 5	28	29½
Salro Mfg Corp 10c	1⅛	1⅝
Sampson-Miller Associated Cos 1	2½	3½
Sams (H W) & Co 1	22½	23¼
San Fran & Oakland Helicopters Air 10c	6¾	7½
San Jacinto Petrol 1	5¾	6½
San Juan Racing Assn common 50c	1 1/16	1¾
Voting trust ctfs	1 1/16	1¾
Sanborn Map Co 5	4¼	5
Sanders Associates— Class A common 1	37	39⅜
Sandura Co common 5c	6¼	7¼
60c conv pfd 7½	6½	7½
Sanitary Paper Mills *	3½	4
Santa Fe Drilling 1	16	17¼
Sargent & Co 15	23	26
Sav-A-Stop Inc 10c	10	10¾
Savannah Sug Ref 25c	31½	33
Savin Business Machines Corp 10c	7	8⅛
Sawhill Tubular Prod *	11¾	12⅞
Saxon Products 1	1¼	1¾
Scantlin Electronics *	14¼	15¾
Schaevitz Engineering Class A common 10c	5¼	5¾
Schenuit Rubber— Class A common *	5¼	5⅝
Scherer-Tumico Inc 2	1¾	2½
Schield Bantam Co 5	3¼	4¼
Schjeldahl (G T) 1	11⅜	13
Schlitz (Joseph) Brewing 15	26⅝	27
Schluderberg-Kurdle 2.50	24	27
Schmieg Industries 1	½	¾
Schneider (Walter J)— Class A common 10c	4	4½
Scholz Homes Inc 1	⅝	1
School Pictures 2	12¼	12¾
Schroeder Industries *	n--	¼
Schultz Sav-O-Stores 1	4¾	5⅜
Science Research Associates Inc *	24½	25½
Science Resources 1c	½	¾
Scientific-Atlanta 50c	13¾	14¾
Scientific Computrs 10c	2⅝	2⅞
Scientific-Industries 5c	2	2¼
Scope Inc 1	2½	3¼
Scot Lad Foods Inc 1	18½	19½
Scot's Discount Enterprises 10c	2c	10c
Scott Aviation Corp 1	9⅞	10⅞
Scott & Fetzer 5	29	29½
Scott, Foresman & Co *	19⅞	21⅜
Scott-Mattson Farms Inc 1	5½	6¼
Scott (O M) & Sons— Class A common 100	11⅜	12⅜
Scott & Williams 5	19	20⅜

* 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 DECEMBER 31, 1962

Stocks—	Par	Bid	Ask
Scripto Inc—			
Class A common	50c	5¼	5⅞
Scrivner-Stevens	10	11⅛	11⅝
Scruggs-Vandervoort			
Barney com	1.25	8⅞	9⅜
$4.50 pfd series A	*	94	--
Seabd Electronics	10c	4⅛	4⅜
Seaboard Homes	10c	½	¾
Seaboard World			
Airlines "wts"		3⅛	3½
Seacrest Industries	1c	1⅛	1½
Sealed Air Corp	1	1⅝	2
Sealed Power Corp	10	24¾	25¾
Sea Pak Corp	1	5¾	6¼
Searle (G D) & Co	2	94	97
Season-all Indus	1	8¼	9
Seatrain Lines	4	3½	4⅛
Sea View Indus	10c	2c	8c
Sea-Wide Indus	10c	⅜	⅝
Security-Columbian			
Banknote Co	2	6⅜	7¼
See's Candy Shops	*	13¾	14¼
Seiberling Rubber			
5% preferred A	100	36	41
4½% prior pfd	100	38	--
Seismograph Service	1	14½	16
Sel-Rex Corp	1	12¼	13
Selas Corp of Amer	1	7¼	7⅝
50c conv 2nd pfd	1	14	--
Selmer (H&A)	2	28	30
Seminole Oil & Gas	5c	10c	14c
Seneca Falls Mach	1	⅞	1¼
Seneca Oil class A	50c	1 5/16	1 7/16
Service Photo			
Industries class A	1c	⅝	⅞
Servonic Instrumts	*	7¾	9⅛
Servonics Inc	1	n1	1¼
Sessions Clock Co—			
Common class A	1	1¼	1⅝
Seven J Stock Farm	1	1⅛	1½
721 Corporation	1	17	19
Seven-Up Bottling Co			
(St Louis)	1	10¾	11¾
Sexton (John) & Co	*	20	21¾
Shaer Shoe Corp	1	7	7½
Shakespeare Co	5	14½	16¼
Shaler Co	*	13	--
Shatterproof Glass	50c	12⅝	13⅛
Shaw-Barton Inc	2.50	9	9½
Shell Oil Co of			
Canada class A	*	12¾	13⅛
Shell Transp & Tr—			
Ordinary bearer		5.65	5.75
Ordinary registered		5.65	5.78
Shelley Mfg Co	10c	1½	3
Shenk Industries	10c	2⅛	2½
Shepard Niles Crane			
& Hoist Corp	5	15	16¾
Sheperd Electronic			
Industries Inc	10c	5c	15c
Sheraton Corp—			
$10 warrants		4¼	5
$25 warrants		2¼	2⅝
Sherer Gillett com	1	2	--
Class A	*	35½	--
Sherry-Netherlands			
Trust certificates		8	--
Shieldtron Inc	1	¾	1⅛
Shinn Industries	10c	⅝	1⅛
Shop Rite Foods	5	19	19¾
Shore-Calnevar	*	1½	2
Shulton Inc—			
Class A common	50c	46½	50½
Class B common	50c	46½	50½
Shwayder Bros	1	45	--
Sica Skiffs Inc	*	--	9½
Siegel (Henry I)—			
Class A	1	21¼	22
Siemens & Halske			
Amer deposits rcts		68¾	69½
Sierra Electric Corp	1	4	4½
Sightmaster Corp	5c	10c	15c
Sigma Instruments	1	14¼	15¾
Signode Steel Strapping			
5% preferred	50	46	--
Silo Discount			
Centers Inc	1	3	3½
Siltronics Inc	10c	4½	4¾
Simmonds Precision			
Products Inc	1	4¼	5
Simon (Wm) Brewery	1	⅝	⅞
Simon Hardware	*	1⅝	2
Simplex Lock Corp	1	8	9
Simplex Paper	1	11½	12½
Simplex Wire & Cable	*	9⅞	10⅝
Simplicity Mfg Co—			
Class A common	1	20⅝	22
Simulatics Corp	1c	1½	2
Sioux City Stock			
Yards common	15	33	35
$1.50 partic pfd	15	34	36
Sioux Oil Co	5c	60c	66c
Sivyer Steel Castings	*	8	12
Sjostrom Automations			
Class A	10c	¼	⅝
Skiatron Electronics			
& Television	10c	½	⅝
Skil Corporation	2	19	20⅝
Skylines Homes Inc—			
Class A	50c	10	10½
Slater Electric Inc—			
Class A	20c	2⅞	3⅛
Smilin Food Stores—			
Common	1	1¼	1⅝
Units		3	4
Smith Industries			
International Inc	*	7¼	8⅛
Smith's Transfer			
Corp of Staunton	2.50	9	10
Smucker (J M) Co	*	29	30
Smyth Mfg Co	5	40	42
Snap-on-Tools Corp	1	33	34½
Snia Viscosa "adrs"		8¾	9⅛
Snyder Corp	1	3⅝	4⅛
Solite Products	1c	1	1½
Solitron Devices	5c	4⅛	4⅝
Sommers Drug Stores	1	8	9¼
50c conv preferred	5	7	8¼
Sonar Radio Corp	10c	3	3½
Sonex Inc	25c	½	1
Sonoco Products	5	34½	35¼
Sonoma Quicksilver			
Mines Inc	10c	8c	13c
Sony Corporation			
Amer deposit shares		18⅞	19⅜
Sorg Paper Co com	5	13¼	14⅜
5½% preferred	100	84	--
Soroban Engineering—			
Class A common	1	8¾	9½
SoundScriber Corp	4	13½	14
South Chester Tube		165	--
South Shore Oil &			
Development	10c	26	30⅜
Southbridge Plastic			
Products class A	1	6⅛	6½
Southdown Inc	2.50	26¾	29
S'eastern Gen'l	10c	1	1⅜
Southeastern Propane			
Gas Co	10c	11	12
Southern Airways	3	4¾	5¼
Southern Bakeries	7	3	3½
Southern California			
Pet 6% conv pfd	25	25	--
Southern Chemical			
Cotton Co		8¼	9
Southern Diversified			
Industries Inc	10c	⅞	1⅛
Southern Industries	*	12	12⅞
Southern Nitrogen	10c	11	12
Southern Pipe Line	1	5¼	6
Southern Spring Bed	*	38½	42
Southern States Oil	1c	2⅜	2⅝
Southern United	1	1¾	2
Southland Corp	*	70	--
Southland Paper Mills	*	n135	--
Southland Racing	50c	3½	3¾
Southport Commerc'l	1	15⅞	16¼
Southwest Airmotive	1	2⅞	3⅜
Southwest Factories	40c	½	¾
Southwest Forest			
Industries	1	4¾	5½
Southwest Realty &			
Development Co	20c	1	1¼
Southwestern Drug	1	16	17¾
$5 1st preferred	*	91	--
Sovereign Resources	4c	⅝	⅞
Space Age Materials	10c	4⅞	5¼
Space Components	10c	n 1/16	¾
Space Research and			
Developm't Corp	50c	⅜	⅝
Space-Tone Electro	10c	1⅝	2
Spaceonics Inc	*	¼	⅝
Span America Boat	25c	6c	--
Spartan Aircraft	3	2	2½
Special Metals	2	15½	16½
Specialty Converters	1c	2⅜	2⅝
Specialty Electronics			
Developm't (N Y)	4c	1/16	1/8
Spector Freight System			
Inc class A com	1	5¾	6⅛
Spectron class A	10c	½	1¼
Speedee Mart Inc	*	3⅝	4¼
Speed-Way Food Sts	1c	¾	1
Spellman Engineerg	10c	⅞	1⅛
Spencer Gifts Inc	25c	5¼	6
Spiegel Farms	1	1¼	1½
Spiral Metal Co	10c	2⅞	3¼
Spotless Co	1	--	11
Sprague Electric	2½	71¾	72¼
Sprague Engineering	1	5	5⅝
Spray-Built Inc			
Class A	10c	2c	12c
Sprayfoil Corp	1	1/16	5/16
Squire For Men	50c	--	5
Sta-Rite Products	2	17½	19
Staff Business & Data			
Aids Inc	10c	4⅜	4⅞
Stahl Meyer Inc	*	⅛	⅜
Stainless Steel			
Products Inc	1	7½	8
Staley (A E) Mfg Co—			
Common	10	30¼	32⅜
$3.75 preferred	*	83	--
Stancil-Hoffman Cp	*	⅝	⅞
Standard & Poor's	1	21¾	23¼
Standard & Shell			
Homes Corp	25c	⅛	⅜
Standard Aircraft			
Equipment Co	50c	3½	4¼
Standard Beryllium	1c	3⅞	4⅝
Standard Commercial			
Tobacco Co	1	5	5¾
Standard-Coosa-			
Thatcher Co	10	13¼	14¼
Standard Electrical			
Products Co	25c	⅜	¾
Standard Fruit & SS			
Common	2.50	15	16⅛
$3 partic pref	*	73	78½
Standard Gilsonite	10c	12c	15c
Standard Industries	75c	2⅝	3
Stand Instru cl A	20c	1⅝	2
Stand Magnesium	10c	92c	1.02
Standard Milling—			
Class A n-v	1	3¾	4¼
Class B voting	1	3¾	4¼
Standard Motor Prod—			
Class A	2	13½	14⅞
Standard Register	1	28	30⅛
Standard Screw Co	20	25¾	28
Stand Sign & Signal	10c	⅛	¼
Standard-Thompson—			
5½% conv pfd	12.50	10	10¾
Standard-Toch			
Industries	1c	1/8	¼
Stange (Wm J) Co	1	23	26
Stanley Home Prod—			
Common non-vot	5	34	37⅝
Stanley Industries	10c	1¾	2¼
Stanley Works	10	16¾	18
Star Market Co	1	18¾	19½
Star Tank & Boat	1	8	8½
State Exploration	1	5½	6¾
State Industries	1	⅛	⅜
Statler Hotels (Dela)			
Corp	10c	n5	5½
Statmaster Corp	10c	⅜	¾
Steadman Industries			
Ltd	*	3¼	3½
Steak n Shake Inc			
(Delaware)	50c	6	6½
Steel Co (Wales)—			
Amer dep rcts		3	3¼
Steel Crest Homes	*	3¾	4¼
Warrants		1¾	2¾
Steel Improvement			
& Forge Co	1	3½	4¼
Steep Rock Iron Min	1	4⅝	5⅛
Stein Hall & Co	1	24	25
Sterilon Corp	1	20¼	--
Sterling Electronics	50c	3	3¾
Sterling Extruder	10c	3⅛	3½
Sterling Oil of Okla	10c	1 3/8	1⅜
Sterling Precision			
5% conv A pfd	10	5	--
5% conv C pfd	10	6	7½
Sterling Seal Co	1	8	8¾
Sterling Stores of			
America	30c	¼	⅝
Sterling Sugars	*	1⅛	1⅜
Sterling Television—			
Class A	25c	1	1⅜
Stern & Stern Textiles	1	7½	8½
Sternco Industries—			
Class A	10c	10¾	11
Stetson (J B)			
8% preferred	25	35	--
Stevens Markets—			
Class A common	1	4	4½
5.90% conv pfd	25	18½	19½
Stewarts & Lloyds Ltd			
Amer dep rcts		4½	5⅛
Still-Man Mfg Corp—			
Class A	75c	10½	11¼
Stix Baer & Fuller			
7% 1st preferred	25	27½	--
Stocker & Yale	*	2	2⅜
Stockton Whatley			
Davin & Co	4	11¼	12¼
Stonega Coke & Coal	15	6⅜	6⅞
Stowe-Woodward Inc	5	9⅜	10
Strategic Materials	1	3⅛	3¾
Stratford Corp	10c	80c	90c
Stratoflex Inc	2.50	16¼	18
Strawb'ge & Clothier	5	21⅜	21⅞
$5 preferred	100	103	105
Straza Industries	1	5½	6¼
Strolee of Calif	*	4¼	5
Strouse Inc	5c	3⅝	4⅛
Struthers Scientific &			
Internat'l cl A	10c	2⅞	3½
Struthers Wells—			
$1.25 preferred	*	13	15
Stubnitz Greene Corp	1	6⅜	7¼
Studebaker Corp—			
$5 conv pfd	100	195	210
Sullivan County			
Harness Rac cl A	1	2¼	2½
Class B	1	42c	47c
Sulray Inc	10c	3½	4
Summers (John) &			
Sons Ltd "ADR"		4	4⅜
Summit Industries	1	5⅜	6⅜
Sun Drug Co	1	2⅛	2⅝
Sunbury Milk Prods	5	33	36
Sunset Color Labs	1c	⅜	½
Sunset House			
Distributing Corp	1	13½	14⅞
Sunshine Consol	25c	31c	38c
Sunshine Park Racing			
Assn	5c	1⅝	1⅞
Super Food Serv Inc	1c	6⅞	7⅜
Super Market			
Distributors Inc	1	2	2¼
Super Mold Corp	5	20½	23
Super Valu Stores	1⅔	23	23¾
Superior Cable Corp	1	4¼	4½
Superior Electric	1	15¼	17
Superior Industries	10c	1⅛	1½
Superior Manufac'g &			
Instrument Corp	50c	2¾	3¼
Superior Window—			
70c conv preferred	8	2	4
Superpak Vending	*	8	8½
Super-Temp Corp	*	4	5
Susan Crane			
Packaging Inc	*	6⅜	7⅛
Sutter Basin Corp	*	95c	1.50
Suval Industries	50c	2⅛	2⅜
Swan Finch Oil	5	¼	⅜
Swank Inc	1	14⅝	15⅛
Swedish Ball Bearing—			
Class B	4	89½	91
Swift Homes Inc	*	3¾	4⅛
Swimming Pool Devel	1	1¼	1¾
Swiss Chalet common	*	3¾	4¼
70c 1st preferred	9	8½	9
Syracuse Supply	8	11½	12¼
Systems Inc	2	1⅜	1⅞
Systron-Donner Corp	*	12⅛	13⅛
Szabo Food Service	1	6⅛	6⅝
5% conv pfd	10	9½	10½
Szemco Inc	10c	1⅛	1⅝
T-Bowl Internat'l	50c	1/8	5/16
T F H Publications	10c	2¾	3½
T. I. M. E. Freight	2	20½	22½
Taddeo Construction			
& Leasing Corp	10c	1½	1⅞
Taffet Electronics	10c	⅞	1⅜
Talley Industries	1	9½	10
Tally Register	1	31½	33
Warrants		21	23
Tamar Electronics			
Industries Inc	25c	9½	10
Tampax Inc	1	55½	58¾
Tang Industries	10c	15c	30c
Tanganyika Concess'ns			
Amer deposit rcts		1¾	2
Tappan Company	5	26¾	28¾
Tassette Inc cl A	10c	4¼	4¾
Tastee Freez Indus	67c	14½	15
Tasty Baking Co—			
Class A common	50c	18¾	19¼
Taylor-Colquitt Co	5	13	14½
Taylor Corporation	3	3⅞	4⅝
Taylor Devices	25c	5	5½
Taylor Instrument	5	32½	33½
Taylor International	5	⅛	⅜
Taylor Publishing	1	15⅝	16⅛
Taylor Wine Co	2	15½	16
Taylorcraft Inc	50c	1c	2c
Tech-Aerof'm Prod	10c	2	2½
Tech-Ohm Elecronic	10c	⅝	⅞
Tech Laboratories	10c	1⅞	2⅜
Techbuilt Homes	10c	½	--
Techmation Corp	1c	1¾	2¾
Techni Electronics	10c	1	1½
Technical Animations—			
Class A	10c	1¾	2
Class B	10c	1¾	2
Technical Information			
Systems & Service	1	¼	--
Technical Measure't	20c	7⅞	8¾
Technicolor Ltd	5s	2¼	2½
Technifoam Corp	10c	1/16	⅝
Technograph Printed			
Electronics	40c	8¼	9
Techno-Vending cl A	1c	3	⅜
Teco Inc (Ill)	10	170	190
Tecumseh Products	1	61	65
Tejon Ranch (Calif)	1	21½	23⅝
Tekoil Corp	1	1	1½
Tele-Film Electronics			
Engineering Corp	10c	⅜	⅝
Telecomputing Corp	1	2⅛	2⅞
Telecredit Inc	1c	4⅞	5⅜
Teleflex Ltd	*	10¼	11
Telefones De Mexico			
Bearer "adrs"		10¼	11½
Telescript-CSP	1c	¼	⅝
Teletray Electronics			
Systems Inc	15c	3/16	⅜
Telex Inc	1	6¼	6⅞
Temperature			
Engineering Corp	25c	½	1
Templet Industries	25c	1¼	1½
Tenax Inc	10c	1/16	2/16
Tenney Corp class A	1	4⅞	5½
Tensor Electric			
Development Co	10c	1¾	2
Terminal Transport	*	8¼	9⅛
Terre Haute Malleable			
and Mfg Co	5	6	7
Terryphone Corp	5c	1⅞	2¼
Terry Shops Inc	50c	3⅝	4¼
Terry Steam Turbine	5	29	31
Tesco Stores "adrs"		1.25	1.45
Tex-Star Oil & Gas			
Corp	50c	15⅞	17
Tex-Tube Inc com	1	6⅜	6¾
6% conv pfd	10	9	10
Texaco Canada Ltd	*	40⅛	40⅞
Texas Amer Oil	10c	5	5½
Texas Butadiene &			
Chemical Corp	1	3⅝	3⅞
Texas Industries	1	9⅝	10⅜
4.60% pfd	100	91	96½
Texas Instrument—			
4% pfd series 1959	25	22	--
Texas International			
Sulphur Co	10c	--	15c
Texas Natl Petroleum	1	6¾	7¼
Warrants		3¾	3⅞
Texas Research &			
Electronic Corp	10c	1¼	1⅝
Texas Tenn Industries			
Class A common	20c	6¼	6½
Units		63	--
Texize Chemicals	1	5½	6
Texo Oil Corp	1c	9c	11c
Texota Oil Co	1c	1½	1⅞

* 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 DECEMBER 31, 1962

Stocks—	Par	Bid	Ask
Textiles Inc	1	15¾	16¾
Thalhimer Bros com	5	11	11¾
3.65% preferred	100	77	--
Therm-Air Co Inc	10c	1¾	2½
Thermal & Electronics Industries Inc	10c	¼	⅝
Thermal Power Co	1	4½	5½
Thermal Research & Engineering Corp	1	2¼	2⅞
Thermatronics Corp	10c	¾	1½
Therm-O-Disc Inc	1	21½	22½
ThermoPlastics Corp	1	2.55	2.75
Thermogas Co	2	9⅛	9⅝
Thomas Industries	1	17⅞	18⅜
Thomasville Furniture Industries Inc	5	15¼	16½
Thompson (H I) Fiber Glass Co	*	12	13
Thrift Courts of America	50c	--	½
Thrift Drug of Pa	1	11¾	12¾
Thrifty Drug Stores	*	30¾	33
Thriftway Foods	2	11½	12⅝
Thurow Electronics— Class A com	2.50	2	2½
Thyssen (August) Huette "adrs"		21½	22¼
Tidewater Lumber	10c	1¾	2¼
Tidewater Marine Service Inc	1	6¾	7⅞
Tiffany & Co	*	28	29½
Tillie Lewis Foods— See "Lewis" Tillie			
Time Inc	1	65¼	66
Timely Clothes	10	10½	11¾
Times-Mirror Co	*	30½	33
Tinsley Labs Inc	16⅔c	1¾	2⅛
Tintic Stand Mining	1	1⅜	1¾
Tip Top Products Class A common	1	11⅛	11⅞
Class B common	1	11	11⅜
Tobin Packing Co	3	23	26¼
Tokheim Corp	5	26¾	28¾
Tokyo Shibaura Electric Co Ltd Amer Deposit rcts		11¾	12⅛
Toledo Scale Corp	1	19⅝	20⅛
Tonka Toys Inc	1	25¼	26¼
Tool Research and Engineering Corp	1	1½	1⅞
Topsy's Intern cl A	10c	5¾	6¾
Torch Rubber	10c	1½	1⅞
Toreador Royalty	62½c	1⅛	1⅜
Tor Education	10c	¼	¾
Toro Mfg Corp	1	34½	35½
Torque Controls	1c	⅜	⅝
Tower Communicat'n	*	4½	5
Towle Mfg Co	*	42	45
Towmotor Corp	1	23½	24¼
Town Enterprises	50c	⅝	⅞
Towne Mines com	20c	1½	3
$1.75 prior pfd	5	11½	13½
Townsend Corp of America com	25c	¾	1
5% conv pfd	10	5	6½
Trade Winds Co	1	1¾	2¼
Traid Corp (Calif)	1	7½	8¼
Trak Electronics	1	2¾	3⅛
Trans Air Systems	10c	3	3⅝
Trans-Aire Electro	10c	⅜	⅝
Trans-Sonics Inc	1	2½	3
Trans-United Industries Inc	1	1¾	2¼
Transcon Lines	2.50	16	17½
Trans-Mountain Oil Pipe Line Co	*	13	13⅜
Transcontinent TV— Class B	2.50	10½	11½
Transcontinental Bus System Inc	1	22	23⅝
Transcontinent'l Oil	25c	22c	27c
Transdyne Corp	1c	¾	1⅛
Transistor Applications	*	1/16	3/16
Transistor Electron	20c	4½	5¼
Transistor Special	10c	4⅜	5⅛
Transition Systems	1	¼	⅝
Transnation Realty	10c	¾	1⅛
Warrants		1/16	3/16
Transogram Co Inc	1	5¾	6⅝
Transportation Corp of America— 2nd series class A purchase warrants		2⅛	2⅜
Transvision Electronics Inc	10c	1¼	1¾
Travelodge Corp	25c	4¾	5½
Treesdale Lab & Ter'le Processing	50c	9¼	10
Trenton Foods	50c	17½	18
Tresco Inc	10c	¾	1¼
Tri-Metal Works	6¼c	¾	1
40c conv pfd	1	2½	3½
Tri-Point Indus	10c	1⅜	1⅝
Triangle Busi Mach	1	⅛	¼
Triangle Instrument	1c	3/16	⅜
Trico Products	*	57	63⅜
Trinidad Petroleum Develop Ltd ord	£1	4½	5⅛
Trinity Steel	1	6¼	6¾
Trion Inc common	50c	2¼	2¾
Trio-Tech, Inc	10c	¾	1¼
Triumph Storecrafters	1	1⅜	1⅞
Tropical Gas Co	1c	20	21
Trout Mining Co	1	⅝	¾
True Taste Corp	1	⅝	⅞
Trunz Inc	*	28½	--
Trygon Electronics	25c	3¾	4¼
Tube Investments— Amer dep rcpts		7	7½
Tuboscope Co	2	14	15
Tucker Corporation— Class A com	1	2c	8c
"21" Brands Inc	1	6½	6¾
Twin Disc Clutch	*	22½	24
220 Bagley Corp	1	30½	--
Tyson Metal Products Inc	1	4¾	5½
Uarco Inc	2.50	26½	27¼
Ultra Dynamics	10c	25c	75c
Ultra Electric Holdings "ADRS"		1.35	1.55
Ultra Plastics cl A	5c	⅝	⅞
Ultra-Sonic Precis'n	10c	¼	⅝
Ultra Electric Amer dep rcts		1.40	1.60
Ultramar Ltd— Ordinary regis		3.45	3.70
Amer deposit rcts		6⅜	7¾
Ultrasonic Indus	10c	1¼	1½
Underwater Storage	1	1¼	1⅝
Uneeda Vending Service Inc	1c	3	4
Unilever Ltd— Amer dep rcts		21½	21¾
Union Carbide Australia Ltd	£A1	6⅞	7¼
Union Elect Steel	2.50	29	32
Union Mfg Co	25	12	--
Union Miniere du Haut Katango	*	21¾	23⅞
Union Rock & Materials Corp	*	7⅝	8⅛
Union Spring & Manufacturing Co	50c	1⅛	1⅝
Union Texas Natural Gas Corp cl A	1	36	--
Unishops Inc	10c	6⅞	7⅜
United Aero Products Corp	10c	1	1½
United Air Lines 1966 wts		11	11½
1968 wts		11¼	11¾
United Artists Theatre Circuit	1	5¼	6
United Australian Oil, Inc	56c	½	¾
United Bowling Centers Inc	1	¾	--
United-Buckington Freight Lines A	1	6⅜	7⅛
United Components	10c	1/16	5/16
United Control Corp	1	7⅝	8½
United Cuban Oil	10c	2c	5c
United Discount	1	⅛	5/16
United Electro-Dynamics Inc	1	4⅛	4½
United Exposition Service Co	10c	6⅝	7⅛
United Industrial Corp common	1	5⅛	5½
Warrants		¾	1
Conv pfd ser A	8½	5⅝	6
United Mfg & Eng	1	⅝	1
United Nuclear Corp	1	7⅛	8⅛
United Piece Dye Works com	10c	1 7/16	1⅝
$4.25 preferred	75	43	48
United Research	2	2½	3¼
United Scientific Laboratories, Inc	1c	⅝	⅞
United Screw & Bolt Class A	*	30	--
Class B	*	23½	--
United Servomation	1	18⅛	19½
United Sheet Metal	*	4¼	4¾
United Star Co's— Class A	2	n3⅜	⅝
U S Bowling Corp	25c	⅜	¾
U S Crown Corp	10c	5¼	6
U S Dielectric	10c	2½	3½
U S Envelope com	10	14½	16¾
7% preferred	10	13	14⅜
U S Finance Corp	1	7	7½
Warrants		3	3¾
U S Homes & Dev— Class A	10c	⅞	1⅛
U S Leasing Corp	1	5½	5¾
U S Lumber Co	1	3	3⅜
U S Magnet & Alloy	10c	2¼	2¾
U S Markets	25c	1½	1¾
U S Photo Supply	10c	¼	½
U S Plastic and Chemical (Del)	10c	3½	4
U S Plastics Inc (Florida)	10c	3⅛	3½
U S Polymeric Chemicals Inc	50c	10½	11½
U S Radium Corp	2	7	8
U S Servateria Corp	1	7¾	8⅝
U S Sonics Corp	*	6	6½
U S Sugar Corp	1	31½	34
U S Truck Lines of Delaware	1	18¾	20⅛
United Steel (England) American dep rcts		3⅜	3¾
United Technical Industries	1	1/16	⅜
Universal Data Processing Corp	*	2	2½
Universal Drilling Class A com	1	n2	2⅝
Universal Electronics Laboratories	10c	½	¾
Universal Foods Corp	1	14½	15¼
Universal Foods Prods Inc	1c	45c	55c
Universal Lighting Products Inc	1c	1	1¼
Universal Moulded Fibre Glass	10c	3	3½
Universal Pictures	1	57	58½
4¼% preferred	100	92	95
Universal Publishing & Distributg com	50c	3⅜	3⅞
6% conv pfd	10	9	9¾
Units		12	13
Universal Surgical Supply Inc	1	2¼	2¾
Universal Waterproofing	10c	¾	1⅛
Univis Inc	50c	20½	21
Upson Co	10	11¼	12¼
Urethane Corp of Cal— Common	5c	3⅛	3⅝
Class A	5	2¼	2¾
Urethane Industries International Inc	1	½	¾
Uris Building	10c	18	18½
Warrants		10	10⅜
Utah Concrete Pipe Co	1	n6⅜	6⅞
Utah Construction & Mining Co	2	36¾	39¾
VSI Corporation	4	22¼	23
Vacu-Dry Co	10c	3⅛	3⅝
Vacuum Concrete Corp of Amer	*	1⅞	2¼
Vacuum Electronics	1	14½	16¼
Vahlsing Inc	10c	4¼	5
Valley Forge Products class A	25c	3⅞	4¼
Valley Gas Prod Inc	1	14½	15
Valley Metallurgical Processing Co	*	16	16¾
Valley Mould & Iron— Common	5	25	26
$5.50 prior pfd	*	93	--
Valtronic Corp	10c	1⅜	1⅞
Vamco Corp	10c	1¾	2½
Van Camp Sea Food	1	17¼	17¾
Van Dusen Aircraft Supplies Inc	5	3¾	4¼
Vangard Air & Marine Corp	50c	¼	½
Vangas Inc	2.50	10½	12
Van Sciver (J B) 5% class A	100	75	80
Van Waters & Rogers	1	34	37
Vanity Fair Mills	5	68½	72½
Vapor Corp	1	25½	27
Varco Industries	10c	2c	10c
Varifab Inc	10c	⅜	⅝
Varo, Inc	*	4	4¾
Vassar Corp	10c	3⅜	3⅞
Vector Mfg Co	*	a8¼	9
Veeder Root Inc	12½	42¼	45⅛
Vendaversal Mfg	50c	⅝	⅞
Venus Drug Distribrs	1	2⅞	3¼
Vermillion Bay Land	1	16¾	17¾
Vernitron Corp	10c	5½	6¼
Vernors Ginger Ale	*	5½	6
Versapak Film & Pack Machinery	5c	1⅛	1½
Warrants		½	¾
Units		1½	2¼
Vibration Mountings and Controls	10c	⅞	1⅛
Viclad Industries	25c	2c	6c
Victor Products	1	2	2½
Victoria Investment	1	14½	18½
Victory Markets cl A	2	11½	14½
Class B	2	11½	14½
Viking Pump Co	5	24½	26
Virginia Chemicals & Smelting Co	*	9¼	10½
Va Coal & Iron	100	156	160
Virginia Skyline com	1	10	--
$6 preferred	100	85	--
Visual Art Industries	1c	2	2¼
Visual Dynamics	5c	5c	25c
Vitamix Pharmaceuticals Inc	1	x7	7⅞
Vitramon Inc	10c	7½	8⅜
Vitro Corp of Am	50c	8¼	9
Vocaline Co of Am	1.50	1½	1¾
Vogue Instrument	1c	1/16	3/16
Voight (Albert) Ind	10c	4¾	5¼
Vol-Air Inc	1c	¾	1
Volkswagenwerk (AG) Amer deposit rcts		62	64
Volt Technical Corp— Class A	50c	3¼	3⅝
Voss Oil cl A com	*	10c	20c
Class B com	*	1a	4a
Vulcan Corp Common	50c	6	6¾
$3 prior pfd	*	62	--
$4.50 preferred	*	72	--
Vulcan Mould & Iron	1	6	6¾
Wabash Magnetics	50c	2½	3
Waco Aircraft	*	2½	2¾
Wainwright Stores	10c	⅞	1⅛
Wakefield Corp Common	1	5½	6
5% preferred	25	22	--
Wakefield Engineer'g	*	⅞	1⅛
Waldbaum Inc	1	10¼	11¼
Wald Research Inc	10c	¾	1¼
Waldorf Auto Leasing	10c	¾	1
Wallace Press Inc	10	15	15¾
Wallson Associates	10c	1/16	3/16
Walnut Grove Products class A	2	12¾	14⅛
Warrants		9	10
Walston Aviation	1	6	6⅜
Walter (Jim) Corp— Common	16⅔c	13⅛	13½
Walter Reade-Sterling	25c	2	2⅜
Waltham Watch Co	2.50	4	4½
Ward Industries— $1.25 preferred	25	7¾	8¾
Wards Co Inc	1	2½	3
Warlick Press Inc	25c	2⅝	2⅞
Warner Brothers	*	17	18⅝
Warner Electric Brake & Clutch Co	1	16	16¾
Warner & Swasey	1	45¾	48½
Warren Brothers	10	21	22¾
Warren (S D) Co— $4.50 pfd	*	92	--
Warshow (H) & Sons Class A	1	10¼	11½
Washburn Wire	12.50	26	--
Washington Engineering Serv Co	*	½	⅞
Washington Steel Corp Common	1	16	16¾
4.80% conv pfd	50	40	--
Waste King common	1	5⅞	5¾
6% C conv pfd	17½	12½	14⅛
Waterman (L E) Pen	*	12c	22c
Waters Mfg Co	1	2⅜	2⅞
Watsco Inc	1	4	4½
Watson Bros Transportation class A	1	3⅜	3⅞
Watson Electronics & Engineering	10c	n1½	2
Waverly Oil Works	1	10	--
Wayne-George Corp	*	3¾	4½
Wayne Mfg Co	1	15	16½
Weatherford (R V)	*	3¾	4¾
Webb (Del E) Corp	*	8	8½
Warrants		5	5½
Webb Resources	10c	1	1¼
Webster Publishing	50c	6¾	7¼
Weinkles Liquor Stores Inc	25c	1⅝	2
Weinschel Eng'nering	1	4¼	4¾
Weiss Bros Stores Class A	1	8½	9
Weissberg (H R) Corp Class A	1	11⅞	12⅜
Welch Scientific	1	16⅛	17⅜
Welded Tube Co of America class A	1	3¾	4¼
Weldotron Corp	5c	3¾	4⅛
Wellco Ro-Search Industries Inc	1	2½	2⅞
Wells Gardner Elecs	1	25½	26¼
Wells Industries	50c	¼	½
Welsbach Corp	2.50	17	18
Welsh Panel Co	25c	5¼	5⅝
Werner Trans'tion	1	9⅜	9⅞
Wespak Inc	10c	½	⅞
West Coast Airlines	1	8¼	9
West Driefontein Gold Mining Co Ltd "adrs"		11	11¾
West-It Expansion Products		½	11/16
West Point Mfg	5	19⅞	20⅜
West Va Production Co 10c preferred	1	30c	50c
Westbrook Thompson Hold'g Corp	.07264	2¾	3⅛
Western Electric Co	*	300	315
Western Holdings Ltd Amer deposit rcts		20¼	20½
Western Natural Gas	1	10¾	11⅛
5% conv preferred "1952 series"	30	25½	26½
5% conv preferred "1955 series"	30	34½	36
Western Oil Fields	1¼	½	⅝
Western Publishing	1	21¼	22¾
Western Semiconductors	*	1	1½
Western Tablet & Stationery 5% Preferred	100	98½	--
Western Tool & Stamping	2	15	15½
Westgate Calif Corp— Class A	5	13¼	14⅜
5% preferred	70	51	54
6% preferred	10	8⅞	9⅜
Westron Corp	1	14½	15¼
Wetterau Foods Inc	1	19½	20½
Weverhaeuser Co	7½	25½	26½

* 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 DECEMBER 31, 1962

Stocks—	Par	Bid	Ask
Wham-O-Mfg Co	50c	3¾	4½
Wheaton Industries	10c	⅜	⅞
Whitaker Cable Corp	1	18¼	19¼
White Avionics	10c	—	½
White Shield Corp	10c	3/16	5/16
Whitehall Cement Manufacturing Co	10	17	19
Whitehall Electrncs	10c	1⅛	1⅜
Whitin Machine Works	12.50	14⅜	15⅜
Whiting Corp	5	x9	10¼
Wiatt (Norman) Co	1	6	6⅞
Wichita Union St'kyards com	100	50	—
4% preferred	100	60	—
Wiegand (Edwin L)	5	23¼	23¾
Wilbur Chocolate	*	24	26
Wilco Commercial	10c	1/16	3/16
Wilcox Electric	3	4¾	5¼
Wilcox-Gay Majestic Electronics Corp	4	¾	1
Wiley (John) & Sons	1	13½	14
Will & Baumer Candle	*	16	—
Willcox & Gibbs Sewing Machine	1	11½	12
Williams (R C) & Co 5½% preferred	25	14	15
Williams & Co (Pa)	2½	29	30
Willner's Liquors	10c	1 1/16	1 1/16
Will Ross Inc	1.25	24	25
Win-Chek Industries Class A	10c	3	3¾
Winchell Donut House, Inc	*	9	10
Wings & Wheels Express Inc	1c	2	2½
Winkelman Bros Apparel Inc cl A	3	9¾	10¼
Winston-Muss Corp	*	3¾	4¼
Wolf (The) Corp cl A	1	4¾	5½
Wollard Aircraft Service Equip	10c	¾	1¼
Wolverine Brass	10	19½	21
Wolverine Shoe & Tanning Co	2.50	22	23
Wometco Enterprises— Class A common	1	19	19¾
Wood Conversion	5	6	7⅛
Wood-Mosaic Corp	1	4¾	5½
Woodland El'tronics	10c	2c	10c
Woodman Co	10c	¾	1¼
Woodward Governor	1	76	82
Worcester Bldg Trust— 3% pfd	15	6½	—
Work & Wear Corp	1	13¼	13¾
World Color Press	1	14⅞	15⅜
Worldmark Press	10c	8c	25c
World Toy House	33⅓c	2	2⅜
World Wide Helicopters Ltd Am dep rcts	£1	1	1¼
Wrather Corp	*	4	4¾
Wurlitzer Co	10	16⅜	16⅞
Wyandotte Chemicals	1	53½	57¼
Wyatt Industries	20	23	16¼
Wyckoff Steel Co	10	16½	17½
Wyle Laboratories	*	7	7¾
Wyman-Gordon	*	86	96
X-Ray Monitoring	10c	1/16	3/16
Xtra Inc	1	18¾	20⅝
Yankee Plastics	1c	1½	2
Yardley & Co Ltd Ordinary A Regis	—	5½	5⅞
Yard-Man Inc	2	3¾	4¼
Yardney Electric	25c	5¼	6
Yellow Transit Freight Lines Inc	1	10¼	11⅛
York Hoover Corp	10	8½	—
York Research cl A	1	4⅞	5⅝
Yorktown Products	1c	2c	8c
Youngstown Research & Development Co	1	13½	14½
Youngwood Electronic Metals Inc	*	2	3
Younker Bros com	*	37	38
Youthcraft Creations— Class A common	1	5⅜	5⅞
Yuba Consol Indus	1	3/16	5/16
Zayre Corporation	1	9½	10½
Zeigler Coal & Coke	10	19	19¾
Zenith Laboratories	10c	1⅞	2½
Zep Aero	1	2⅝	3⅛
Zero Mfg Co	1	4¼	4¾
Zions Co-operative Mercantile Insti	50	52	57
Zonolite Co	1	9	9⅞
Zurn Industries	1	5½	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. 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 DECEMBER 31, 1962

Bonds—	Bid	Ask	
UNITED STATES	Values shown below		
Treasury bonds—	All Quoted in 32nds		
4¼s May 15 1985-1975	103.28	104.4	--
4¼s Aug 15 1992-1987	104	104.8	--
4s Feb 15 1969	101.26	101.30	--
4s Oct 1 1969	101.22	101.26	--
4s Aug 15 1971	101.12	101.20	--
4s Feb 15 1972	101.1	101.5	--
4s Aug 15 1972	101.1	101.5	--
4s Feb 15 1980	101	101.8	--
3⅞s May 15 1968	101.16	101.20	--
3⅞s Nov 15 1971	100.12	100.20	--
3⅞s Nov 15 1974	100.6	100.14	--
3¾s Aug 15 1968	100.28	101	--
3¾s May 15 1966	100.28	101	--
3⅝s Nov 15 1967	100.16	100.20	--
3½s Nov 15 1980	95.4	95.12	--
3½s Feb 15 1990	92.24	93	--
3½s Nov 15 1998	91.28	92.4	--
3⅜s Nov 15 1966	99.26	99.30	--
3¼s June 15 1978-1983	91.10	91.18	--
3¼s May 15 1985	91.6	91.14	--
3s Feb 15 1964	99.30	100	--
3s Aug 15 1966	98.24	98.28	--
3s Feb 15 1995	88.16	88.24	--
2⅝s Feb 15 1965	98.23	98.27	--
2½s June 15 1962-1967	96.8	96.16	--
2½s Aug 15 1963	99.22	99.24	--
2½s Dec 15 1963-1968	94.16	94.24	--
2½s June 15 1964-1969	93.14	93.22	--
2½s Dec 15 1964-1969	92.28	93.4	--
2½s Mar 15 1965-1970	92.16	92.24	--
2½s Mar 15 1966-1971	91.16	91.24	--
2½s June 15 1967-1972	90	90.8	--
2½s Sept 15 1967-1972	89.24	90	--
2½s Dec 15 1967-1972	89.26	90.2	--
Treas Ctfs of Indebtedness—			
3½s Feb 15 1963	100.5	100.7	--
3¼s May 15 1963	100.5	100.7	--
3½s Aug 15 1963	100.11	100.13	--
3⅛s Nov 15 1961	100.6	100.7	--
Treasury Notes—			
2⅝s Feb 15 1963	100.1	100.3	--
3¼s Feb 15 1963	100.4	100.6	--
1½s Apr 1 1963	99.20	99.22	--
4s May 15 1963	100.16	100.18	--
3¼s May 15 1963	100.5	100.7	--
1½s Oct 1 1963	99.5	99.7	--
4⅞s Nov 15 1963	101.18	101.20	--
1½s Apr 1 1964	98.16	98.18	--
4¾s May 15 1964	102.6	102.8	--
3¾s May 15 1964	100.26	100.28	--
5s Aug 15 1964	102.29	102.31	--
3¾s Aug 15 1964	100.28	100.30	--
1½s Oct 1 1964	97.25	97.27	--
4⅞s Nov 15 1964	103	103.2	--
1½s Apr 1 1965	96.30	97.2	--
4⅝s May 15 1965	103.4	103.6	--
1½s Oct 1 1965	96.8	96.12	--
3½s Nov 15 1965	100.15	100.17	--
3⅝s Feb 15 1966	100.23	100.25	--
1½s Apr 1 1966	95.12	95.16	--
4s Aug 15 1966	102.1	102.3	--
1½s Oct 1 1966	94.12	94.16	--
1½s April 1 1967	93.20	93.24	--
3¾s Aug 15 1967	101.2	101.6	--
1½s Oct 1 1967	92.26	92.30	--
Banks for Cooperatives—			
Coll Trust debs—			
3⅜s Feb 4 1963	100	100.2	--
3.15s April 1 1963	99.31	100.1	--
3.05s June 3 1963	99.31	100.1	--
Federal Home Loan Banks—			
3⅛s Jan 15 1963	99.15	100.1	--
3⅜s Feb 15 1963	100	100.2	--
3.15s Mar 15 1963	99.31	100.1	--
3⅛s Apr 15 1963	99.31	100.1	--
3.40s Apr 15 1963	100.2	100.4	--
3.40s May 15 1963	100.2	100.4	--
3¼s July 16 1963	100.1	100.3	--
3.30s Aug 15 1963	100.2	100.4	--
3.30s Sept 16 1963	100.2	100.4	--
3¾s Sept 15 1963	100.22	100.25	--
Federal Land Bank Bonds—			
3⅝s Feb 20 1963	100.1	100.3	--
2¾s May 1 1963	99.27	99.30	--
3⅝s Aug 20 1963	100.10	100.12	--
3¼s Oct 22 1963	100.2	100.4	--
4½s Apr 20 1964	101.16	101.24	--
4s Oct 20 1964	101.2	101.10	--
4s Oct 20 1965	101.6	101.14	--
4s Dec 20 1965	101.8	101.16	--
3⅝s Feb 21 1966	100	100.12	--
3¼s May 2 1966	98.28	99.8	--
4¼s July 20 1966	101.28	102.12	--
4s May 22 1967	101.4	101.20	--
4¼s Mar 20 1968	101.24	102.24	--
4⅜s Mar 20 1969	102.24	103.24	--
4⅝s July 15 1969	103.8	104.8	--
5⅛s Feb 20 1970	106.16	107.16	--
3½s Apr 1 1970	96.24	97.24	--
5⅛s July 20 1970	106.16	107.16	--
4½s Oct 1 1970 opt '67	102.20	103.20	--
3½s May 1 1971	96.24	97.24	--
4⅛s Feb 15 1972-1967	101	102	--
3⅞s Sep 15 1972	99.8	100.8	--
4½s Feb 20 1974	104	104.24	--

Bonds—	Bid	Ask	Net
Federal Natl Mtge Asso—	Quoted in 32nds		
3¼s Mar 11 1963	99.31	100.1	--
4⅛s Nov 12 1963	100.28	101	--
3⅝s May 11 1964	100.14	100.18	--
4s Sept 10 1961	101	101.6	--
3⅞s Dec 11 1964	100.30	101.4	--
4⅜s Jun 10 1965	101.28	102.8	--
3¾s Mar 10 1966	100.18	100.22	--
4⅛s Dec 12 1966	101.28	102.8	--
3⅝s Mar 11 1968	99.12	99.28	--
4⅜s Apr 10 1969	102.28	103.20	--
4⅝s Apr 10 1970	103.24	104.16	--
4⅛s Sep 10 1970	100.24	101.24	--
4⅛s Aug 10 1971	100.24	101.24	--
4½s Sept 10 1971	103.8	104.8	--
5⅛s Feb 10 1972	108	109	--
4⅜s Jun 12 1972	102.8	103.8	--
4¼s Jun 12 1973	101.12	102.12	--
4½s Feb 10 1977	104	104.24	--
Federal Intermediate Credit Bk Debs—			
3.25s Jan 2 1963	99.63	100.1	--
3⅛s Feb 4 1963	99.31	100.1	--
3.10s Mar 4 1963	99.31	100.1	--
3.15s April 1 1963	99.31	100.1	--
3.45s May 1 1963	100.2	100.4	--
3.35s Jun 3 1963	100.3	100.5	--
3.20s July 1 1963	100	100.2	--
3.10s Aug 1 1963	99.31	100.1	--
3.15s Sept 3 1963	100	100.2	--
3.15s wi Oct 1 1963	100	100.1	--
International Bank for Reconstruction & Devel—			
5s Feb 15 1985	106.8	107.8	--
4⅜s Nov 1 1980	104.8	105.8	--
4½s Dec 1 1973	102.16	103.16	--
4½s Jan 1 1977	102.16	103.16	--
4½s Feb 1 1982	102.24	103.24	--
4¼s May 1 1978	100	101	--
4¼s Jan 15 1979	100	101	--
4s Sept 15 1963	100.16	100.28	--
3¾s Oct 1 1964	100.8	100.24	--
3¾s May 15 1968	99	99.24	--
3½s Jan 1 1969	97	98	--
3½s Oct 15 1971	95.24	96.24	--
3⅜s May 15 1975	93	95	--
3¼s Oct 1 1981	88.16	89.16	--
3s July 15 1972	91.8	92.8	--
3s Mar 1 1976	89	90	--
Inter-American Development Bank 4¼s Dec 15 1982	100	100⅛	--

United States Treasury Bills	Quoted in Dollars and cents Not in 32nds	
Jan 3 1963	99.975	99.978
Jan 10 1963	99.919	99.924
Jan 15 1963	99.879	99.883
Jan 17 1963	99.863	99.867
Jan 24 1963	99.807	99.811
Jan 31 1963	99.750	99.755
Feb 7 1963	99.694	99.700
Feb 14 1963	99.638	99.645
Feb 21 1963	99.581	99.588
Feb 28 1963	99.525	99.533
March 7 1963	99.465	99.476
March 14 1963	99.408	99.420
March 21 1963	99.351	99.362
March 22 1963	99.348	99.357
March 28 1963	99.297	99.306
April 4 1963	99.238	99.251
April 11 1963	99.181	99.195
April 15 1963	99.148	99.163
April 18 1963	99.121	99.136
April 25 1963	99.064	99.080
May 2 1963	99.004	99.024
May 9 1963	98.947	98.968
May 16 1963	98.889	98.912
May 23 1963	98.832	98.856
May 31 1963	97.767	98.792
June 6 1963	98.718	98.744
June 13 1963	98.661	98.688
June 20 1963	98.604	98.632
June 27 1963	98.541	98.566
July 15 1963	98.410	98.432
Oct 15 1963	97.632	97.664

PUERTO RICO (Commonwealth of)	Yield Basis or to Bid	Ask	Net
5s 1963-1970 J-J	b1.60 to 2.70%		--
3½s 1971-1983 J-J	b2.70 to 3.30%		--
2s 1984 J-J	--	--	3.85
Water Resources Authority			
Electric revenue ser 1962			
Ref 3¼s 1964-1977 J-J	b1.75 to 3.10%		--
Ref 3½s 1978-1982 J-J	b315 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 3.45%		--
Public Improvement bonds—			
4¼s 1964-1966 J-J	b1.75 to 2.20%		--
3s 1967-1975 J-J	b2.30 to 2.90%		--
3¼s 1976-1983 J-J	b3.00 to 3.30%		--
3.40s 1984-1986 J-J	b3.30to 3.35%		--
Revenue (Series 1962)			
5s 1964-1966 J-J	b1.75 to 2.10%		--
3s 1967-1976 J-J	b2.20 to 3.10%		--
3¼s 1977-1984 J-J	b3.15 to 3.35%		--
3.40s 1985-1991 J-J	bPar to 3.50%		--

Bonds—	Yield Basis or to Bid	Ask	Net
ALABAMA			
3¾s refunding 1963-65 J-J	b1.25 to 1.75%		--
Education Authority			
Capital Improvement ser A			
5s 1963-1966 M-S	b1.75 to 2.25%		--
3½s 1967-1970 M-S	b2.25 to 2.50%		--
3.60s 1971-1974 M-S	b2.60 to 2.75%		--
3.70s 1975-1978 M-S	b2.80 to 2.95%		--
3½s 1979 M-S	b2.85 to 3.00%		--
3.70s 1980 M-S	b2.90 to 3.05%		--
Capital Improvement series C			
5s 1963-1966 A-O	b1.65 to 2.20%		--
3s 1967-1969 A-O	b2.25 to 2.40%		--
3¼s 1970-1978 A-O	b2.50 to 2.90%		--
3.40s 1979-1981 A-O	b3.00 to 3.10%		--
Highway Authority—			
Highway Auth series D			
3.60s 1964-1974 A-O	b1.90 to 2.50%		--
2s 1975 A-O	--	--	2.90
3.60s 1976 A-O	--	--	2.95
Highway Auth series E			
3s 1964-1968 M-N	b1.95 to 2.40%		--
3¼s 1969-1973 M-N	b2.50 to 2.90%		--
3.40s 1974-1979 M-N	b2.90 to 3.20%		--
Southeast Alabama Gas Dist—			
4½s 1st mtge Nat Gas revenue 1989 A-O	--	--	4.15
Birmingham—			
Industrial Waterworks—			
Ref 1½s 1963-70	b1.80 to 2.90%		--
School Building Bonds—			
1¼s due 1963-70 A-O	b1.40 to 2.45%		--
1s due 1971-76 A-O	b2.70 to 2.95%		--
Water Supply rev ser A—			
2.10s 1963 J-J	b1.70 to 1.95%		--
2.25s 1964-66 J-J	b2.00 to 2.30%		--
2.40s 1967-68 J-J	b2.40 to 2.50%		--
2.50s 1963-73 J-J	b1.70 to 3.00%		--
2.75s 1974-80 J-J	b3.00 to 3.30%		--
2.80s 1981-90 J-J	b3.30 to 3.40%		--
Mobile (City of)—			
3½s gen ref 1963-70 A-O	b2.00 to 3.10%		--
Mobile County—			
Gen fund 4½s 1963-66 J-D	b1.75 to 2.20%		--
Selma Housing Auth—			
2⅛s 1976	--	--	2.90
Sheffield 4s 1963-68 M-S	b1.80 to 3.00%		--
ALASKA			
Various 1963-1978	b2.00 to 3.75%		--
Anchorage (G O & I S D)			
Various coupons 1963-78	b2.00 to 4.10%		--
Tele rev various 1963-78	b2.00 to 4.00%		--
Port revenue 5.40s 1998	94	95	--
Fairbanks (G O & I S D)			
Various coupons 1963-76	b2.00 to 3.75%		--
Juneau (G O & I S D)			
Various coupons 1963-81	b2.00 to 4.20%		--
Airport rev 4½s 1963-64	b2.50 to 3.30%		--
Water rev various 1963-72	b2.40 to 4.25%		--
Ketchikan (G O & I S D)			
Various coupons 1963-75	b2.00 to 3.85%		--
Utility rev various 1963-82	b2.00 to 4.00%		--
ARIZONA			
Phoenix (City of)—			
Water Revenue (1st issue)			
2s 1963-1977 J-J	b1.75 to 3.20%		--
Water Wks Rev (Ser 1949)			
3s 1963-66 J-J	b1.75 to 2.30%		--
2½s 1963-73 J-J	b1.75 to 3.00%		--
2¼s 1974-78 J-J	b3.05 to 3.25%		--
1952 Water Bonds—			
3s 1964-71 J-J	b2.00 to 2.80%		--
3¼s 1972-77 J-J	b2.90 to 3.20%		--
Salt River Project Agric Imp & Pow District—			
3¼s Jan 1 1981	b3.30 less 1		--
3½s July 1 1978	b3.00 less 1		--
Tucson (City of)—			
Wat rev 1½s Mar 1 1967	b1.75 to 2.85%		--
Water rev ref 1962 series			
4½s 1963-1970 J-D	b1.75 to 2.90%		--
3¼s 1971 J-D	--	--	2.90
3s 1972-1978 J-D	b2.90 to 3.40%		--
3.20s 1972-1985 J-D	b3.00 to 3.60%		--
3.40s 1986-1991 J-D	b3.65 to 3.75%		--
ARKANSAS			
Highway refunding—			
3s April 1 1969-72 A-O	b2.60 to 2.90%		--
3s April 1963-72 A-O	b2.00 to 2.90%		--
Hot Springs 3s rev 1963-83	b2.40 to 3.90%		--
Little Rock wat 4s '63-78 F-A	b2.00 to 3.50%		--
CALIFORNIA			
4½s Olympiad 1963-71 J-J	b1.50 to 2.50%		--
State Construction—			
Act of 1958 series F—			
5s 1963-1972 J-J	b1.50 to 2.60%		--
4s 1973 J-J	--	--	2.65
3¼s 1974-1976 J-J	b2.70 to 2.80%		--
3.40s 1977-1978 J-J	b2.85 to 2.90%		--
3½s 1979-1981 J-J	b2.95 to 3.05%		--
3.60s 1982 J-J	--	--	3.10
State School Bldg ser G—			
2¾s 1963-66 M-N	b1.50 to 1.95%		--
3s 1967-74 M-N	b2.10 to 2.70%		--
3s 1975-79 opt '74 M-N	b2.75 to 2.95%		--

* 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 DECEMBER 31, 1962

Bonds—	Yield Basis or To Bid	Ask	Net
California (Continued)—			
State Schools Aid (1954 issue)			
5s 1963-1966 M-N	b1.50 to 1.95%		—
2¼s 1967-1975 M-N	b2.10 to 2.95%		—
1s 1976-80 opt '75	b3.50 to 3.60%		—
State School Bldg Aid (1958 issue)—			
5s 1963-1966 M-S	b1.50 to 1.95%		—
4¾s 1967 M-S	—	—	2.10
3½s 1968-1985 M-S	b2.20 to 3.15%		—
State School Bldg Aid Law of 1958 series W			
5s 1963-1967 M-S	b1.50 to 2.10%		—
3½s 1968-1972 M-S	b2.20 to 2.60%		—
3¾s 1973-1984 M-S	b2.65 to 3.20%		—
4s 1985-1986 M-S	b3.20 to 3.25%		—
Veteran's Bonds Act of 1956 series S—			
5s 1963-1966 A-O	b1.50 to 1.95%		—
4s 1967	—	—	2.10
3¼s 1968-1973	b2.20 to 2.65%		—
3½s 1974-1984	b2.70 to 3.15%		—
Veterans' Bonds Act of 1958 series U			
5s 1963-1966 F-A	b1.50 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 2.95%		—
4s 1979-1980 F-A	b3.00 to 3.05%		—
4s 1981-85 opt 1980 F-A	b3.10 to 3.20%		—
Veterans' (dated July 1 1962)			
5s 1964-1974 F-A	b1.65 to 2.70%		—
3s 1975-1979 F-A	b2.75 to 2.95%		—
3¼s 1980-1982 F-A	b3.00 to 3.10%		—
3.30s 1983-1985 opt '83 F-A	—	—	3.15
3.40s 1986-1987 opt '83 F-A	—	—	3.20
¼s 1988 opt '83 F-A	—	—	4.20
Veterans' and State School Building Aid—			
5s 1963-1967 M-S	b1.50 to 2.10%		—
3¼s 1968-1971 M-S	b2.20 to 2.50%		—
3½s 1972-1976 M-S	b2.60 to 2.80%		—
3¾s 1977-1982 M-S	b2.90 to 3.15%		—
4s 1983-1986 M-S	b3.20 to 3.25%		—
Toll Bridge Authority—			
Carquinez Strait Bridges			
Toll Bridge Revenue—	104	105	—
3¾s 1995 M-S	106½	108	—
4⅜s ser B 1995 M-S			
Richmond-San Rafael Brge			
3⅞s rev ser A 1992 M-S	102½	105½	—
Imperial Irrigation District—			
Electric Rev (9th issue)			
2s 1963-71 J-J	b2.00 to 3.40%		—
1¾s 1972-76 J-J	b3.50 to 3.70%		—
Electric Revenue—			
1st division (10th issue)			
2¾s 1963-70 J-J	b2.00 to 2.80%		—
3s 1971-78 J-J	b2.85 to 3.30%		—
2¾s 1979 J-J	—	—	3.60
2nd division (10th series)			
2¾s 1963-66 J-J	b2.00 to 2.35%		—
3s 1967-80 J-J	b2.50 to 3.50%		—
2¾s 1981 J-J	—	—	3.70
Los Angeles (City)—			
3½s water wks 1963-75	b1.50 to 2.85%		—
4¼s water 1963-70 A-O	b1.50 to 2.50%		—
4s 1963-68 J-J	b1.50 to 2.30%		—
4¾s 1963-69 M-S	b1.50 to 2.40%		—
2s 1968-87 A-O	b2.50 to 4.00%		—
Refunding rev issue of 1943			
1½s June 1 1976	—	—	3.70
Issue of 1944			
1¾s 1963-76 F-A	b1.50 to 3.45%		—
3rd issues of 1944			
1¾s 1963-68 A-O	b1.50 to 2.85%		—
2s 1969-75 A-O	b2.80 to 3.30%		—
1¾s 1976-78 A-O	b3.45 to 3.55%		—
Issue of 1949			
2s 1963-64 M-N	b1.50 to 1.70%		—
2¼s 1965-72 M-N	b1.90 to 3.10%		—
2½s 1973-85 M-N	b3.10 to 3.60%		—
2¼s 1986-89 M-N	—	—	3.75
Elec Plant Rev (1952 issue)			
2s 1966-72 J-D	b2.50 to 3.30%		—
2¼s 1973-84 J-D	b3.20 to 3.75%		—
2½s 1985-92 J-D	b3.60 to 3.75%		—
Elec Plant Rev (1953 issue)			
2¼s 1963-68 A-O	b1.50 to 2.60%		—
2½s 1969-77 A-O	b2.40 to 3.30%		—
2¾s 1978-83 A-O	b3.20 to 3.40%		—
Elec Plant Rev (1954 issue)			
2.00s 1965-1968 A-O	b1.95 to 2.70%		—
2¼s 1969-1973 A-O	b2.75 to 3.20%		—
2½s 1974-1977 A-O	b3.20 to 3.30%		—
2.70s 1982-1984 A-O	—	—	3.45
Flood Control District			
3¼ May 1 1963-1983	b1.50 to 3.20%		—
Unified School District City Junior College Dist			
4s 1963-1970 F-A	b1.50 to 2.50%		—
3¼s 1971-1982 F-A	b2.60 to 3.20%		—
3.40s 1983-1985 F-A	b3.20 to 3.25%		—
2½s 1986-1987 F-A	—	—	3.60
Water Wks Rev (issue of '49)			
2¼s 1968-78 M-N	b2.60 to 3.40%		—
2½s 1979-89 M-N	b3.35 to 3.75%		—
Los Ang City High Sch Dist—			
2½s 1963-72 J-J	b1.50 to 2.70%		—
2s 1963-72 J-J	b1.50 to 3.30%		—
Election 1952 series C—			
2½s 1963-1979 J-J	b1.50 to 3.40%		—
Election 1958 series F—			
4s 1963-1985 J-D	b1.50 to 3.35%		—
Los Angeles County Flood Control District—			
2½s 1963-94 A-O	b1.50 to 3.75%		—
2¼s 1963-83 M-N	b1.50 to 3.60%		—
3¾s 1963-83 M-N	b1.50 to 3.20%		—
4s 1963-89 M-S	b1.50 to 3.40%		—
3¼s 1963-1989 M-S	b1.50 to 3.45%		—
Los Angeles Metro Transit Authority—			
5¾s March 1 1983	109½	111	—
Metropolitan Water District of Southern California—			
Waterworks Bonds			
3.10s Nov 1 1963-70	b1.70 to 2.70%		—
Oroville-Wyandotte			
Irrig District 4½s 2006	113½	116½	—
Water system extension			
1¾s June 1 1963-1968	b1.60 to 3.10%		—
2s June 1 1967-76	b3.00 to 3.50%		—
Sewer Revenue ser 1961			
5¾s 1967-1971 J-D	b2.30 to 3.00%		—
3.80s 1972 J-D	—	—	3.00
3¾s 1973-1976 J-D	b3.00 to 3.25%		—
San Fran (City & County)—			
5s water 1963-69 J-J	b1.50 to 2.30%		—
4½s water 1963-77 J-J	b1.50 to 2.75%		—
Airport bonds (1945 ser C)			
2½s 1963-68 F-A	b1.50 to 2.30%		—
Hetch Hetchey 4½s 1967-77	b2.10 to 2.75%		—
Spring Val 4½s 1967-69 J-J	b2.10 to 2.40%		—

CANADA

See page 82

COLORADO

Colorado (State of)—			
State H'way Fund Revenue Anticipating warrants—			
2¼s 1964-1971 J-J	b1.60 to 2.60%		—
Colorado Springs (City)—			
Utility Revenue—			
1.70s 1963-66	b1.60 to 2.25%		—
1.75s 1967-72 M-N	b2.25 to 2.80%		—
1¾s 1964-1971 M-N	b1.80 to 2.75%		—
2s 1972-1974 M-N	b2.75 to 2.90%		—
2.10s 1975-1977 M-N	b2.90 to 3.00%		—
2¼s 1978-1982 M-N	b3.00 to 3.10%		—
Denver (gen oblig)—			
1.70s 1965-68 A-O	b2.00 to 2.30%		—
1¾s 1963-68 M-N	b1.60 to 2.30%		—
School District No. 1			
2.10s 1964-67 A-O	b1.75 to 2.20%		—
Water bonds—			
4½s 1972-1975 A-O	b2.60 to 2.80%		—
3.20s 1976-1978 A-O	b2.80 to 2.90%		—
3s 1979-1984 A-O	b2.90 to 3.00%		—
3.10s 1985-1989 A-O	b3.05 to 3.15%		—
3¼s 1992-1993 A-O	—	—	3.25
3.30s 1994-1999 A-O	—	—	3.30
El Paso County—			
School District No. 11			
1¾s 1963-65 M-S	b1.60 to 2.00%		—
1½s 1963	—	—	1.60

CONNECTICUT

3.10s 1963-1980 J-J	b1.65 to 3.15%		—
3⅜s 1963-1988 A-O	b1.65 to 3.35%		—
3¼s 1963-1981 J-J	b1.65 to 3.20%		—
3⅛s 1963-1982 J-J	b1.80 to 3.20%		—
3s 1963-1979 M-N	b1.85 to 3.10%		—
2.60s July 1 1968-1975	b2.30 to 2.80%		—
2⅝s 1963-1977 F-A	b1.80 to 3.20%		—
2½s 1963-1978 J-D	b1.85 to 3.10%		—
2s 1963-1974 M-N	b1.90 to 3.25%		—
1¾s 1963-1984 A-O	b1.95 to 3.30%		—
1¼s 1963-1970 M-N	b1.95 to 3.30%		—
Expressway Rev & Motor Fuel Tax—			
Greenwich-Killingly—			
Fourth Series			
6s 1963-1966 J-J	b1.90 to 2.55%		—
4s 1967-1968 J-J	b2.55 to 2.65%		—
3¾s 1969-1973 J-J	b2.65 to 3.10%		—
3⅝s 1974-1975 J-J	b3.15 to 3.20%		—
3½s 1976-1989 J-J	b3.20 to 3.55%		—
3.60s 1990-1991 J-J	—	—	3.55
3⅝s 1992-1993 J-J	—	—	3.50
3.65s 1994-1997 J-J	—	—	3.55
Sixth Series			
3¼s 1968-1981 J-J	b2.55 to 3.45%		—
3.30s 1982-1989 J-J	b3.45 to 3.65%		—
3½s 1990-1997 J-J	b3.60 to 3.70%		—
Seventh Series			
6s 1964-1966 J-J	b2.35 to 2.60%		—
4¾s 1967 J-J	—	—	2.70
6s 1968-1969 J-J	b2.70 to 2.90%		—
5s 1970-1974 J-J	b2.95 to 3.25%		—
4½s 1975-1977 J-J	b3.25 to 3.45%		—
4.20s 1978-1988 J-J	b3.50 to 3.70%		—
4¼s 1989-1997 J-J	b3.70 to 3.75%		—
Gen Obl Highway System			
3¼s 1967-1968 J-D	b1.90 to 2.00%		—
2¼s 1969-1971 J-D	b2.10 to 2.30%		—
2½s 1972-1975 J-D	b2.40 to 2.55%		—
2.60s 1976-1977 J-D	bpar to 2.65%		—
2¾s 1978-1980 J-D	b2.70 to 2.80%		—
2.80s 1981-1983 J-D	bpar to 2.90%		—
Hartford County—			
Metropolitan District—			
2¼s 1963-78 J-J	b1.70 to 3.45%		—
2s 1963-89 M-N	b1.70 to 4.20%		—
Meriden 1.40s 1963-70 A-O	b1.75 to 3.55%		—
New Haven 1¾s 1963-68 F-A	b1.70 to 3.20%		—
1.40s 1963-69 J-J	b1.70 to 3.30%		—
1.70s gen imp 1963-71 J-J	b1.70 to 3.30%		—
Gen Pub Corp 3s 1963-81 A-O	b1.70 to 3.25%		—
Norwalk (City)—			
3.40s 1963-1979 M-N	b1.80 to 3.25%		—
Stamford (City)—			
2s school 1963-68 F-A	b1.90 to 3.10%		—
Waterbury 5s 1963-71 M-N	b1.75 to 3.00%		—
1.30s 1963-71 M-S	b1.80 to 3.30%		—
1¾s 1963-1979 M-N	b1.90 to 3.75%		—

DELAWARE

3.40s various 1963-1977 M-S	b1.65 to 3.15%		—
3.30s Sept 1 1963-1978	b1.65 to 3.15%		—
3¼s April 1 1963-1980	b1.65 to 3.20%		—
3s 1963-1979 A-O	b1.65 to 3.20%		—
2.90s 1963-1982 M-S	b1.70 to 3.30%		—
2.80s 1963-1982 A-O	b1.70 to 3.30%		—
2¾s March 15 1963-77	b1.70 to 3.20%		—
1.60s 1963-71 M-N	b2.25 to 3.25%		—
1½s public imp 1963-64 F-A	b2.35 to 2.45%		—
1½s 1968 J-J	—	—	3.10
Delaware Memorial Bridge—			
4s 1978	103½	—	—
Delaware Turnpike rev			
4⅛s 2002 J-J	107¼	107¾	—
Highway and Capital Imp—			
1.40s 1963-1968 J-D	b2.35 to 3.10%		—
1.40s 1969 J-D	—	—	3.10
Sussex Co 1½s 1963-73 M-N	b2.35 to 3.40%		—
Wilmington 1.70s 1963-81 J-D	bpar to 3.60%		—

FLORIDA

Florida Develop Commission—			
Pinellas County Road & Bridge revenue			
5s 1965-1974 J-D	—	—	3.60
4.85s 1974-1989 J-D	b4.10	4.00%	—
4.80s 1990 J-D	—	—	4.10
University System Imp Rev			
4¼s 1965-1983 F-A	b3.90 to 3.75%		—
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	108	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 1963-66	b2.75	2.30%	—
Special Co Building—			
3⅜s 1972 F-A	b3.05	2.85%	—
Road Revenue—			
6s 1963-1969 F-A	b2.90	2.50%	—
4.10s 1970-1988 F-A	b3.90	3.60%	—
Port Authority (Ser B)			
4.70s 1999 A-O	106¾	107¾	—
Duval County—			
5¾s 1963-1966 A-O	b2.60	2.25%	—
3.30s 1967-1980 A-O	b3.40	3.00%	—
Ft Lauderdale—			
4s refunding 1963-71 J-J	b3.10	2.60%	—
Wat & Sew rev 4½s			
1980-1985 M-S	b3.90	3.70%	—
Fort Myers ref 3s 1978	85	—	—
Ft Pierce—			
Wat & El rev 4s 1987 A-O	b3.80	3.60%	—
Jacksonville—			
Electric revenue certificates			
2¼s 1963-72 J-J	b3.00	2.60%	—
Util tax rev 4.60s 1994 J-J	108	—	—
Expressway Rev series 1957			
3.90s 1968-1971 J-J	b3.40	3.20%	—
4s 1972-1977 J-J	b3.75	3.50%	—
Jacksonville Expressway—			
Revenue 4¼s July 1 1992	108	109½	—
Miami (City of)—			
Wat Rev 2s Dec 1 1967	—	—	2.90
Wat Rev 2⅞s 1980-82 J-D	b3.65	3.40%	—
Sewer rev 4.30s 1993 J-J	102	—	—
Orlando Util com 3¼s '80 A-O	b3.40	3.20%	—
St Petersburg—			
2¾s non-call ref 1979 M-S	88	—	—
Sanford ref 1½s-2½s 1977	65	—	—
Tampa—			
Special Obligation—			
Cap imp 3.70s 1983 A-O	—	—	3.60
Sewer rev 2¾s 1985	—	—	3.90
Sewer rev 3¼s 1985	b3.70	3.40%	—
Sewer revenue 1962 series			
5s 1966-1975 F-A	b3.20	2.80%	—
4s 1976 F-A	b3.50	3.25%	—
3½s 1977-1982 F-A	b3.65	3.40%	—
3¼s 1983-1986 F-A	b3.75	3.50%	—
3.40s 1987-1992 F-A	b3.75	3.50%	—
3½s 1993-2000 F-A	b3.90	3.65%	—
3s 2001-2002 F-A	—	—	3.90
Vero Beach ref 3s 1979	85	—	—
West Palm Beach (City of)—			
Wat & Sewer rev ser A			
3¾s 1963-84	b2.25 to 3.85%		—

FOREIGN GOVERNMENTS AND CITIES

Over-the-Counter issues

Bank of Colombia 7s 1947 A-O	f101	—	—
Sinking fund 7s 1948 A-O	f101	—	—
Bolivia (Rep) Ext 8s 1947 M-N	f14	—	—
External 7s 1958 J-J	f14	—	—
External s f 7s 1969 M-S	f14	—	—
Adjustment 1-3s 1993 J-J	f9	9¾	—
Brazil United States—			
5s of 1931 due 1951	77	—	—
4½s (now 1⅝s) of 1888	55	56	—
5s (now 1¾s) of 1895	55	56	—
5s (now 2¾s) of 1903	55	56	—
5s (now 1½s) of 1913	55	56	—
Issues stpd under Plan B—			
5s (now 3¾s) of 1895	27½	—	—
British—See Great Britain			
Caldas Extl s f 7½s 1946 J-J	f118	—	—
Cali (Colom) s f 7s 1947 M-N	118	—	—
30-yr s f $ bonds 3s '78 J-J	58	—	—
Callao (Peru) 7⅛s 1944 J-J	87	—	—
Ceara (Brazil) 8s 1947 J-D	f13	—	—

‡Reported called on July 1 at 103. 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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STATE AND MUNICIPAL BONDS

QUOTATIONS FOR ALL SECURITIES ARE AS OF DECEMBER 31, 1962

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	24⅝	25⅛	--
2½s "Consols"	24⅝	25⅛	--
4s "Consols"	38¾	39½	--
3s fund loan 1969 opt 1959	50¼	51	--
4s fund loan 1990 opt 1960	52⅝	53⅜	--
3s savings bds 1965 opt 1955	53½	54¼	--
3s savings bds 1970 opt 1960	49¼	49¾	--
4s victory bonds of 1919	54¼	55	--
3½s war loan 1952	34	34⅝	--
Israel (State of)—			
Independence issue			
3½s May 1966	95½	97	--
Development issue			
4s 1969	95½	97	--
II Development issue			
4s due 1974-75-76	93½	95	--
Lima (City) Peru—			
Extl s f 6½s 1958 M-S	82	--	--
Montevideo (City) 7s 1952 J-D	f200	--	--
Extl s f 6s 1959 ser A M-N	f190	--	--
Panama (Republic of)—			
4.80s extl sec 1993 A-O	99	--	--
Rio de Janeiro—			
External 6s 1933 A-O	f84	--	--
Russian 6½s June 18 1919	f1½	1⅞	--
5½s external loan Dec 1921	f1½	1⅞	--
Santa Catharina (Brazil)—			
External s f 8s 1947 F-A	102	--	--
Santander (Dept) Colombia			
External s f 7s 1948 A-O	118	--	--
S f 3s July 1 1978	f58	--	--
Santiago (City) Chile 7s '49 J-J	92½	--	--
External s f 7s 1961 M-N	92½	--	--
United Kingdom of Gt Britain and Ireland—See Gt Britain			

CANADA

Most Canadian issues shown below are quoted in U S funds			
Government of Canada—			
Payable in U S currency			
2¾s Sept 1 1974	86	87	--
2¾s Sept 15 1975	85	86	--
Payable in Canadian currency			
5½s Apr 1 1963	95¼	95¾	--
4s May 1 1964	92¾	93¼	--
3¾s Sept 1 1965	91½	92	--
4½s Dec 15 1966	92¾	93¾	--
4¼s June 1 1967	91¾	92½	--
4¼s Jan 15 1968	91½	92¼	--
2⅜s June 15 1968 opt '67	85¼	86	--
5½s Apr 1 1969	95½	96¼	--
3½s May 1 1970	86¼	87¼	--
4¼s Sept 1 1972	88⅜	89	--
5½s Oct 1 1975	95⅜	95⅞	--
3¼s June 1 1976 opt '74	76½	77½	--
3¾s Jan 15 1978 opt '75	79¾	80½	--
3¼s Oct 1 1979	73¾	74½	--
4½s Sept 1 1983	86	86½	--
3¾s Mar 15 1998 opt '96	72	73	--
3s Sept 15 perp opt '66	58½	59½	--
Govt of Canada (Internal)			
Victory Loans—			
8th 3s Oct 1 1963 opt '59	92	93	--
9th 3s Sep 1 1966 opt '61	88	89	--
Alberta (Province)—			
2⅝s Mar 1 1963	99½	100	--
2¾s Mar 1 1965	96¾	97¾	--
2¾s Mar 1 1967	93¾	94¾	--
2⅞s Mar 1 1970	91¼	92¼	--
2⅞s Mar 1 1972	89	90	--
Municipal Financing Corp			
4¾s May 15 1984 opt '69	103	104	--
5s Dec 15 1984 opt '70	104	105½	--
4⅞s June 15 1985 opt '70	104	105	--
British Columbia (Province)—			
4½s Jan 23 1969	100	101	--
3½s Aug 15 1976 opt '61	89	91	--
3⅝s Feb 15 1977 opt '62	90	92	--
3¾s June 15 1976 opt '61	91	93	--
3¾s June 15 1981 opt '61	89½	91½	--
4⅜s Apr 15 1982 opt '67	97	99	--
3¾s June 15 1986 opt '61	87¾	89¾	--
4⅜s Apr 15 1987 opt '67	96¾	98¾	--
Edmonton—			
4s Apr 15 1963	99¾	100⅜	--
3¾s May 1 1971	93	95	--
3⅞s May 1 1975	92	94	--
3⅞s May 1 1981	90	92	--
5⅛s Dec 15 1978	102	104	--
4¾s Apr 15 1983	98½	100	--
Manitoba—			
3½s June 15 1971 opt '57	93¾	94¾	--
5¼s Nov 15 1984 opt '74	107	109	--
Montreal (City of)—			
3¾s Oct 1 1963	99½	100½	--
3⅞s May 1 1965	99½	100½	--
3s Oct 15 1967	93½	94½	--
3½s Oct 1 1970	92¾	94¼	--
4½s Jan 1 1976	97	98½	--
5¼s Mar 1 1977 opt '67	103½	104½	--
4¾s Nov 1 1978 opt '68	99½	100½	--
5s Nov 1 1978 opt '68	103	104	--
5⅝s Nov 1 1979 opt '69	105¼	106¼	--
5⅜s June 1 1980 opt '70	104½	105½	--
Montreal Metropolitan			
Commission 5s May 1 1966	102	103	--
Montreal Metropolitan Corp—			
5⅝s Feb 1 1985 opt '70	105	106	--
Montreal Transportation—			
4¼s Jan 1 1973 opt '60	96	98	--
5¼s Mar 15 1977 opt '67	102½	104½	--
New Brunswick (Province)—			
5⅜s s f debs 1985 F-A	104	106	--
Nova Scotia (Province)—			
3⅝s Mar 15 1964 opt '60	99⅝	100	--
3¾s July 15 1966 opt '60	97	98½	--
3¾s Oct 1 1971 opt '60	93¾	95¾	--
3½s Jan 15 1972 opt '60	91¾	93¾	--
3½s Jan 2 1976 opt '66	89¼	91¼	--
5⅛s Apr 1 1980 opt '70	103	105	--
Ontario (Province)—			
2¾s Mar 15 1963	99⅝	100	--
3¼s May 1 1963	99⅝	100⅛	--
2.80s Mar 15 1964	98½	99½	--
3¼s May 15 1971 opt '60	92	93	--
3¼s Sept 1 1972 opt '60	91	92	--
3¼s Feb 1 1975 opt '60	89½	90½	--
3⅝s Nov 1 1978 opt '60	91½	92½	--
3⅛s Mar 15 1980 opt '60	85	86	--
3⅞s May 15 1981 opt '61	94	95	--
4s May 1 1983 opt '68	95½	96½	--
4¾s Feb 1 1984 opt '69	104½	105½	--
4½s May 15 1963	100	100¾	--
4s June 1 1965	99	100	--
4s June 1 1967	98	99	--
4½s May 15 1970	100¼	101¼	--
4s June 1 1971	97	98	--
Quebec (Province)—			
2⅞s Apr 1 1971	90	91	--
3¼s debs Dec 1 1972 opt '57	91	92	--
5⅜s Oct 1 1979 opt '74	107½	109½	--
Quebec Hydro Electric Com—			
4⅜s Feb 1 1977 opt '67	99½	100½	--
3½s Dec 1 1978 opt '58	90	91	--
3½s Jan 1 1981 opt '61	89¼	90¼	--
4¼s Dec 1 1981 opt '66	98½	99½	--
3¾s Feb 1 1983 opt '68	91¾	92¾	--
5s July 15 1984 opt '69	105½	106½	--
Saskatchewan—			
3⅛s Feb 1 1966	96½	97½	--
3⅛s Aug 15 1970	90¾	92¼	--
4s Apr 1 1973 opt '58	95¾	97¼	--
3¼s June 1 1974 opt '72	88¾	90¾	--
3¾s Jan 2 1976 opt '66	92½	94	--
4¾s Jan 2 1984 opt '74	102¾	104¾	--
Toronto (City of)—			
3⅛s May 15 1963	99⅝	100⅛	--
3¼s Dec 1 1963	99½	100	--
3¼s May 15 1966	96½	97½	--
3¼s May 15 1970	92¾	93¾	--
3½s Dec 1 1975	91½	92½	--
3½s Dec 1 1983	88	89	--
Toronto (Metropolitan)—			
4⅛s Aug 15 1976 opt '66	97½	98½	--
4⅞s July 1 1977 opt '72	105	106½	--
4s July 1 1978 opt '73	95¾	96¾	--
4¾s Dec 15 1978 opt '73	104	105½	--
5s June 1 1979 opt '74	106½	108	--
5⅛s Mar 1 1980 opt '75	107	109	--
Vancouver—			
4½s Aug 1 1967	98½	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 1963-65 J-J	b1.60 to 2.00%		--
2.60s 1966-69 J-J	b2.10 to 2.60%		--
State Highway Authority—			
State Highway series 1961-A			
4½s 1963-1968 J-J	b1.60 to 2.60%		--
3.60s 1969-1975 J-J	b2.70 to 3.00%		--
3¾s 1976-1984 J-J	b3.05 to 3.30%		--
3.90s 1985-1991 J-J	b3.35 to 3.50%		--
State Highway Auth (ser B-61)			
4½s 1963-1972 J-J	b1.60 to 2.90%		--
3½s 1973-1979 J-J	b3.00 to 3.15%		--
3.70s 1980-1983 J-J	b3.20 to 3.30%		--
3¾s 1984-1990 J-J	b3.35 to 3.50%		--
State School Bldg Authority			
Rev 2.60s 1963-70 A-O	b1.60 to 2.80%		--
Revenue Series 1953 A—			
3.60s 1963-67 M-S	b1.60 to 2.40%		--
3.70s 1968-71 M-S	b2.50 to 2.90%		--
Revenue Series 1954 A—			
4s 1963-65 M-S	b1.60 to 2.30%		--
2¼s 1963-64 M-S	b1.60 to 1.90%		--
2½s 1965-68 M-S	b2.00 to 2.30%		--
2.70s 1969-70 M-S	b2.40 to 2.60%		--
2.80s 1971-74 M-S	b2.80 to 3.00%		--
Atlanta—			
2½s 1963-79 M-S	b1.60 to 2.70%		--
Wat Wks Rev (1954 ser)			
2½s April 1 1963-74	b1.60 to 3.00%		--
Wat Wks Rev (1955 ser)			
2¾s 1963-75 J-J	b1.60 to 3.00%		--
3¼s 1963-1986 J-D	b1.60 to 3.25%		--
Augusta (City)—			
2¾s 1963-78 J-D	b1.60 to 2.80%		--
Water Works Revenue			
Anticipating ctfs 1952 ser 3s-2s-2-20s Aug 1 '63-72	b1.60 to 3.10%		--
Chatham Co 2s 1963-81 J-J	b1.60 to 3.50%		--
Coastal Highway District			
Savannah River Crossing			
3¾s Bdge Rev 1982 M-N	90	94	--
Columbus (City) 2s '63-77 A-O	b1.60 to 3.40%		--
De Kalb Co 2s 1963-77 J-J	b1.60 to 3.40%		--
Fulton Co 1½s 1963-76 J-J	b1.60 to 3.30%		--
3¼s 1963-1987 J-J	b1.60 to 3.25%		--
Macon (City of)—			
2½s gen oblig 1963-75 M-S	b1.60 to 3.10%		--
Muscogee County—			
School 2s 1963-70 J-J	b1.60 to 2.80%		--
School 2¼s 1971-80 J-J	b2.90 to 3.40%		--
Richmond (County)—			
Board of Ed 2¾s '63-79 J-J	b1.60 to 3.30%		--
Savannah 2½s 1963-67 J-D	b1.60 to 2.20%		--
2s 1963-1980 J-D	b1.60 to 3.50%		--

HAWAII

State (G O)—			
Various 1963-77	b1.90 to 2.70%		--
Hwy rev various 1963-89	b2.15 to 3.00%		--
Aviation rev 4.30s 1984 J-J	104	--	--
3s 1964-1971 M-N	b2.05 to 2.85%		--
3¼s 1972-1977 M-N	b2.95 to 3.30%		--
3.40s 1978-1981 M-N	b3.35 to 3.40%		--
Gen oblig ser B of 1962			
2½s 1965-1972 M-N	b2.05 to 2.65%		--
2¾s 1973-1980 M-N	b2.70 to 3.00%		--
2.90s 1981-1982 M-N	b3.05 to 3.30%		--
Hawaii Harbor rev 1963-77	b2.15 to 2.95%		--
Hawaii County G O			
Various 1963-78	b2.15 to 3.80%		--
Water rev various 1963-81	b2.15 to 3.80%		--
Kauai County G O			
Various 1963-78	b2.15 to 3.80%		--
Maui County G O			
Various 1963-82	b2.15 to 3.80%		--
Honolulu G O			
Various 1963-84	b1.90 to3.85%		--
Board Water Supply rev			
Various 1963-83	b1.90 to 3.95%		--
Honolulu (City & County)—			
General Obligations			
5s 1966-1975 M-N	b2.65 to 3.60%		--
3¾s 1976-1989 M-N	b3.55 to 3.90%		--
1s 1990-1991 M-N	--	--	4.30

ILLINOIS

Illinois State Toll Hwy Comm			
Northern Ill Toll Hwy			
3¾s revenue 1995 J-J	97½	98½	--
4¾s revenue 1998 J-J	112	113	--
Illinois (various purposes)—			
4s 1963-1966 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 1963-1966 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 3.50%		--
Service Recognition ser A—			
1¾s 1963-72 M-N	b1.60 to 2.70%		--
Bloomington—			
Sewer rev 2½s 1963-70 M-N	b1.75 to 3.00%		--
Sewer rev 2¾s 1971-79	b3.05 to 3.30%		--
Chicago (City)—			
2½s 1968 opt 1963-68 J-J	b1.50 to 2.50%		--
2s 1963-70 J-J	b1.50 to 3.00%		--
1½s 1963-68 J-J	b1.50 to 3.00%		--
Board of Education—			
3⅜s 1963-1981 M-N	b1.60 to 3.10%		--
Sch bldg 3s 1963-73 M-S	b1.60 to 2.75%		--
Sch bldg 2⅛s '63-74 M-N	b1.60 to 3.00%		--
Sch bldg 3⅝s '63-80 M-N	b1.60 to 3.05%		--
General Obligation			
3¼s 1964-1973 J-J	b1.60 to 2.60%		--
3½s 1974-1979 J-J	b2.65 to 2.90%		--
School Bldg of 1958—			
3¼s Dec 1 1963-78	b1.60 to 2.90%		--
School Bonds series D—			
2⅞s Oct 15 1965-'81 A-O	b2.00 to 3.00%		--
Hsg Auth 2⅝s June 1977	--	--	2.70
Sewer & Superhighway—			
1½s 1963-66 J-J	b1.60 to 2.90%		--
Transit Authority—			
Revenue series of 1947:			
3½s 1963-65 J-J	b2.00 to 2.60%		--
3⅝s 1966-72 J-J	b2.70 to 3.25%		--
3¾s 1978 J-J	100½	101¼	--
Revenue series of 1952—			
4½s July 1 1982	102½	104½	--
Waterworks System—			
Ctfs of indebtedness			
4¼s 1963-1978 J-D	b1.60 to 3.00%		--
4s 1979-1984 J-D	b2.90 to 3.20%		--
3s 1971-1979 M-S	b2.80 to 3.15%		--
3⅜s 1973-1979 M-S	b2.65 to 2.90%		--
3⅛s 1982-1985 M-S	b2.95 to 3.20%		--
Calumet Skyway Toll Bridge			
3⅜s revenue 1995 J-J	74½	76	--
4⅜s revenue 1995 J-J	87½	89	--
Chicago-O'Hare Int'l Airport—			
4¾s revenue 1999 J-J	113½	114½	--
Chicago Park District—			
Refunding bonds of 1945—			
1½s 1965 opt 1963-65 J-D	b1.50 to 2.25%		--
Judgment Funding—			
1¾s 1963-68 J-J	b1.50 to 2.75%		--
Imp 2¾s '68 opt '65-68 M-N	b2.25 to 2.75%		--
Chicago Regional Port Dist—			
4s revenue 1995 J-J	99	101	--
Chicago Sanitary District—			
1¼s construction series 7—			
Jan 1 1966 opt '64-65	b2.00 to 2.70%		--
2s construction series 8—			
Jan 1 1966 opt '64-65	b1.50 to 2.10%		--
2¼s construction series 10—			
Jan 1 1967 opt '64-68	b1.50 to 2.50%		--
2¾s construction series 11—			
Jan 1 1966 opt '64-67	b1.50 to 2.40%		--
2⅜s construction series 12—			
Jan 1 1968 opt '64-69 J-J	b1.50 to 2.60%		--
2s ref 1966 opt '64-65 J-J	b1.50 to 2.50%		--
2½s construction series 13—			
Jan 1 1969 opt '64-68	b1.50 to 2.50%		--
2¼s construction series 14—			
Jan 1 1969 opt '64-69	b1.50 to 2.50%		--
2⅛s construction series 16—			
Jan 1 1971 opt '64-69	b1.50 to 2.60%		--
2⅛s construction series 18—			
Jan 1 1971 opt '64-70	b1.50 to 2.70%		--
2¼s construction series 19—			
Jan 1 1972 opt '64-71	b1.50 to 2.80%		--
Cook County—			
Expressway series A			
2⅝s 1964-75 A-O	b1.50 to 2.80%		--
Expressway series C			
2¾s 1964-73 A-O	b1.50 to 2.60%		--
Expressway series D			
3⅜s 1964-68 J-D	b1.50 to 2.30%		--

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 DECEMBER 31, 1962

Bonds—	Yield Basis or To Bid	Ask	Net
Chicago—Cook Cty continued			
Expressway series E			
4s 1964-77 J-D	b1.50 to 2.85%		--
Expressway series G			
3¼s 1966-75 J-D	b2.00 to 2.75%		--
Expressway series H			
3½s 1964-76 A-O	b1.50 to 2.80%		--
Expressway series I—			
2⅞s 1964-1977 M-N	b1.50 to 2.90%		--
Superhighway bonds—			
2½s 1969 opt 1964-69	b1.50 to 2.50%		--
2⅛s ser B 1970 opt '64-70	b1.50 to 2.60%		--
2¼s ser C 1972 opt '64-70	b1.50 to 2.60%		--
3s ser D 1973 opt '64-72	b1.50 to 2.70%		--
Decatur (water rev)—			
2.10s Sept 1 1963-79	b2.00 to 3.40%		--
Evanston—			
Water Rev 2¼s 1963-73 J-J	b1.60 to 2.80%		--
Water Rev 2½s 1974-79 J-J	b2.90 to 3.00%		--
3½s gen oblig 1963-79 J-J	b1.40 to 2.80%		--
Peoria School Dist No 150			
1½s June 1 1963-67	b1.50 to 2.50%		--
Springfield (City of)—			
Elec rev 2½s 1963-74 M-S	b1.50 to 2.75%		--
INDIANA			
Indiana Toll Road Comm—			
3½s 1994	88¾	89¾	--
Indiana Sanitary District—			
2⅜s of 1956 Jan 1 '63-87	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 1963-69 J-J	bPar to 2.90%		--
Fort Wayne—			
Waterworks rev of 1951—			
2½s 1963-76 J-J	bPar to 3.40%		--
Indiana University—			
2½s 1963-69 M-N	bPar to 2.75%		--
Indianapolis Gas Util Rev—			
3½s 1963-1967 J-D	bPar to 2.55%		--
2⅞s 1963-1969 J-D	bPar to 2.70%		--
1⅞s sewer imp 1963-81 J-J	bPar to 3.80%		--
1⅝s sch bldg 1963-70 A-O	bPar to 3.45%		--
South Bend Housing Auth—			
3½s Aug 1 2000	100½	101½	--
IOWA			
Korean Service Compensation			
2½s Dec 1 1963-1976 J-D	b1.50 to 2.65%		--
Ames 1¾s April 1 1963	--	--	1.75
Council Bluffs—			
1⅞s 1967-71 J-D	b2.40 to 2.90%		--
Des Moines—			
Lib Mem 2s 1963-71 J-D	b1.60 to 2.90%		--
Scott County—			
1¼s 1963-65	b1.70 to 2.30%		--
Waterloo (School Building)—			
1¾s 1963-69 M-N	b1.75 to 2.75%		--
KANSAS			
Kansas Turnpike Authority—			
3⅜s Turnpike Au 1994 A-O	85	86	--
Kansas City Expway Rev			
5s 1963-1970 M-N	b1.75 to 2.90%		--
4½s 1971-1973 M-N	b3.00 to 3.10%		--
4⅜s Terminal 1997 M-N	--	--	3.75
Lawrence (City of)—			
Wat & Sew Sys Rev ser A—			
4s 1963 A-O	--	--	1.90
2s 1964-72 A-O	b2.00 to 2.75%		--
2¼s 1973-83 A-O	b2.85 to 3.50%		--
Wichita (City of)—			
Board of Education—			
1¾s Feb 1 1963-69	b1.75 to 3.00%		--
Waterworks rev (series '57)			
5s 1963-70 A-O	b1.90 to 2.85%		--
4¼s 1971-76 A-O	b2.90 to 3.20%		--
4.40s 1977-79 A-O	b3.25 to 3.40%		--
4½s 1980-87 A-O	b3.45 to 3.70%		--
KENTUCKY			
Commonwealth of Kentucky—			
G O Highway			
3s 1963-1967 J-J	b1.50 to 2.00%		--
2.90s 1968-1969 J-J	b2.10 to 2.20%		--
3s 1971-1972 J-J	b2.30 to 2.40%		--
3s 1973-1986 J-J	b2.50 to 3.20%		--
G O Park & Hwy purposes			
3.60s 1970-1971 J-J	b2.35 to 2.45%		--
3.60s 3¾s 1972 J-J	--	--	2.55
3.60s 3¾s 1973 J-J	--	--	2.55
3.60s 1974-1990 J-J	b2.65 to 3.30%		--
Veterans Bonus Bonds—			
3¾s 1963-1972 J-J	b1.60 to 2.55%		--
3½s 1973-1981 J-J	b.255 to 3.00%		--
3.60s 1982-1985 J-J	b3.15 to 3.20%		--
3.70s 1986-1987 J-J	b3.25 to 3.30%		--
3¾s 1988-1990 J-J	b3.30 to 3.35%		--
Bridge Revenue—			
Project No. 18 3¼s 1983	101	103	--
Project No. 19 3½s 1984	92½	97	--
Turnpike Revenue—			
3.40s (series 1954) 1994 J-J	99¼	100¼	--
Turnpike Toll Road—			
4.85s July 1 2000	110	111	--
Highway Authority—			
Eastern Ky Toll Road Rev—			
4.80s 2000 J-J	107¾	109	--
Voted Veterans Bonus—			
3s 1974-1976 J-J	b2.60 to 2.75%		--
3⅝s 1977-1982 J-J	b2.80 to 3.15%		--
3.40s 1983-1989 J-J	b3.20 to 3.40%		--
1.10s 1990 J-J	--	--	4.15
Covington 2¼s 1963-86 J-J	b1.90 to 3.75%		--
School Dist 3½s 1963-65 J-J	b1.90 to 2.25%		--
3s 1966-1980 J-J	b2.30 to 3.50%		--
3¼s 1981-1996 J-J	b3.55 to 3.90%		--
Frankfort—			
Elec Light & Pow Rev			
2½s 1966 J-J	b2.50 to 2.40%		--
2¾s 1970 J-J	b3.00 to 2.90%		--
3s 1975-1984 J-J	b3.35 to 3.60%		--
Henderson (City of)—			
Elec Light & Pow Rev			
2¾s 1963-1976 J-D	b1.90 to 3.35%		--
3s 1977-1985 J-D	b3.40 to 3.60%		--
Jefferson County—			
School Bldg rev 2¾s 1970	b3.00 to 2.90%		--
2¾s 1963-1973	b1.90 to 3.10%		--
Louisville—			
4½s sewer 1969 J-D	b2.40 to 2.50%		--
4¼s ref 1965 J-D	b2.10 to 2.00%		--
4¼s Jan 1 1970 J-J	b2.50 to 2.40%		--
1¾s June 1 1976-87	b3.00 to 3.40%		--
Water Revenue			
2.40s 1963-1965 M-N	b1.70 to 2.00%		--
2.40s 1966-70 M-N	b2.10 to 2.70%		--
2.40s 1971-74 M-N	b2.80 to 3.05%		--
2½s 1978-84 M-N	b3.10 to 3.35%		--
Louisville & Jefferson County Metropolitan Sewer Dist—			
Sewer Revenue (series 1949)			
2s 1963-73 M-S	b1.75 to 3.10%		--
1¾s 1974 M-S	b3.35 to 3.25%		--
2½s 1975-94 M-S	b3.25 to 3.65%		--
4s 1990 M-S	--	--	3.55
Owensboro (City of)—			
Elec Lt & Pow rev ('51 ser)			
2½s 1963-68 M-S	b1.90 to 1.60%		--
2¾s 1969-78 M-S	b2.70 to 3.40%		--
Electric Light & Power rev			
Station No 2 series			
3.90s Jan 1 1991	101½	103½	--
Paducah 4½s w w 1970 A-O	b3.30 to 3.20%		--
Electric—			
4½s 1969	b3.00 to 2.90%		--
4¼s 1972	b3.10 to 3.00%		--
4s 1973-1978	b3.10 to 3.35%		--
3.90s 1979-1982	b3.40 to 3.55%		--
4s 1983-1985	b3.60 to 3.70%		--
3½s 1986-1988	b3.70 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%		--
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—			
1¼s 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 1963-1970 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 1963-72 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 1963-68 A-O	b1.70 to 2.70%		--
Greater Baton Rouge Port—			
2¾s ser A 1963-68 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	101	102½	--
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 1963-80	b1.80 to 3.30%		--
2¾s 1963-69 M-N	b1.80 to 2.80%		--
2½s 1970-89 M-N	b3.00 to 3.60%		--
Union Passenger Term Rev			
3s 1963-67 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 1963-73 M-N	b1.80 to 2.90%		--
3s 1974-92 M-N	b3.00 to 3.80%		--
Shreveport—			
5s Dec 1 1963-69 J-D	b1.80 to 2.90%		--
1¾s 1963-67 J-J	b1.80 to 2.70%		--
MAINE			
3s 1964-1968 J-J	b1.50 to 2.00%		--
Gen Oblig 2¾s 1966-76 A-O	b1.90 to 2.10%		--
Gen Oblig H'way & Bdge—			
1.90s 1963-67 A-O	b1.70 to 2.00%		--
1½s Aug 1 1967	b2.10 to 2.25%		--
Bangor Water 3¾s	b3.50 to 3.75%		--
Maine School Bldg Auth—			
4½s 1972	b2.70 to 3.00%		--
Maine Turnpike Authority—			
4s rev ref & ext 1989 J-J	101½	102½	--
Portland (City of)—			
1¾s July 1 1963-69	b2.20 to 1.95%		--
1.60s 1963-1971 M-N	b2.60 to 2.75%		--
Portland Water District—			
2s 1970	--	--	2.60
2⅞s 1978	--	--	2.90
1¾s 1972	--	--	2.80
MARYLAND			
Bridge & Tunnel Revenue			
Term 3s Oct 1 1994	100½	103	--
Northeastern Expressway Rev			
4⅛s 2002 J-J	107¼	109	--
Certificates of Indebtedness—			
3¼s 1963-1974 J-J	b1.90 to 3.00%		--
3s 1963-1975 J-J	b2.00 to Par		
2⅜s 1963-1973 M-N	b1.90 to 3.00%		--
1¾s certificates of indebtedness 1963-68 J-D	bPar to 2.90%		--
1¼s 1963-66 M-S	bPar to 2.90%		--
State Roads Commission Revenue series E—			
2½s 1963-66 F-A	b2.40 to 3.00%		--
2.60s 1967-68 F-A	bPar to 3.00%		--
Allegany County—			
1.90s 1963-74 J-J	b2.00 to 3.70%		--
Anne Arundel County—			
2¼s 1963-66 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 1963-69	b1.75 to 2.50%		--
3½s water 1970-1981 M-N	b2.75 to 3.30%		--
1½s 1963-72 M-N	b1.70 to 3.40%		--
1½s 1976 M-N	--	--	3.60
1½s 1979 J-D	--	--	3.80
1¾s 1963-77 M-N	b1.75 to 3.70%		--
Baltimore County—			
1¾s 1963-65 M-N	b1.60 to 2.50%		--
Metropolitan District—			
1½s 1963-65 F-A	b1.75 to 2.75%		--
1.60s 1966-83 F-A	b2.90 to 3.80%		--
1¼s 1963-64 M-N	b1.50 to 3.75%		--
1½s 1965-76 M-N	b2.75 to 3.90%		--
Issues dated Jan 1 1950—			
2s Jan 1 1963-81	b1.90 to 3.90%		--
2¼s Jan 1 1982-87	b3.90 to 4.15%		--
Issue dated June 1 1951—			
2½s 1963-1991 J-D	b1.90 to 4.20%		--
Pub Fac 2.30s 1963-81 J-D	b1.90 to 4.15%		--
Hagerstown 1½s 1967	--	--	3.10
Hartford County (Public Sch Const) 2s 1963-73 J-J	b2.00 to 3.40%		--
Montgomery County—			
4½s 1963-68 M-N	b2.10 to 3.00%		--
3s 1963-68 M-S	b2.80 to 3.00%		--
Refunding of '45 series B			
1½s 1963-73 M-S	bPar to 3.50%		--
Gen imp 2½s 1963-72 M-N	bPar to 3.50%		--
Prince George's County—			
2½s pub sch 1963-64 M-S	b2.00 to 3.00%		--
1½s 1967	--	--	3.40
Washington Sub San Dist—			
2.70s Oct 1 1963-87	bPar to 4.00%		--
2.40s Aug 1 1963-67	bPar to 4.00%		--
2¼s 1963-68 J-D	bPar to 4.00%		--
MASSACHUSETTS			
Mass Authority Turnpike Rev (ser 1954) 3.30s May 1 '94	97¼	98¼	--
4¾s ser A Jan 1 2002	109	110	--
4-5s ser B Jan 1 2002	100½	101½	--
2¾s 1962-2005 F-A	b1.65 to 2.90%		--
2½s 1963-1976 F-A	b1.65 to 3.00%		--
3¾s 1963-1978 A-O	b1.65 to 3.00%		--
Tunnel Revenue—			
4¾s Apr 1 1999	109	110½	--
Mass Port Authority—			
4¾s rev ser A 1998	110	112	--
Highway Imp & Capital outlay			
3½s Feb 1 1963-2009 F-A	b1.65 to 3.50%		--
3½s 1963-2010 A-O	b1.65 to 3.50%		--
Various Bonds—			
3.30s 1963-2009 A-O	b1.65 to 3.60%		--
3.10s capital outlay '63-77 A-O	b1.65 to 2.90%		--
3.10s various 1963-82 A-O	b1.65 to 3.20%		--
3s 1979-1998 J-D	b3.00 to 3.60%		--
2.30s Highway 1963-75 M-N	b1.65 to 2.85%		--
2¼s 1963-1978 J-D	b1.65 to 3.75%		--
1.90s 1963-67 M-S	b1.65 to 2.75%		--
1.70s 1963-70 M-S	b1.65 to 3.10%		--
1¾s 1963-79 J-J	b1.65 to 3.90%		--
1.60s 1963-69	b1.65 to 3.10%		--
Reg 1½s Jan 1 1963-72	b1.90 to 3.60%		--
1.30s 1963-70	b2.00 to 3.40%		--
Reg 1s 1963-65 M-S	b2.20 to 2.75%		--
Guaranteed Housing Authority			
1¾s 1963-69 J-J	b1.75 to 3.25%		--
1¾s 1970-91 J-J	b3.30 to 4.10%		--
1⅞s 1963-91 A-O	b1.75 to 4.10%		--
2s Oct 1 1963-91	b1.00 to 3.85%		--
2⅛s 1963-92 A-O	b1.65 to 3.85%		--
2½s 1963-92 A-O	b1.65 to 3.75%		--
Veterans' Services Fund—			
1¾s 1963-65 M-N	b1.65 to 2.75%		--
2.40s 1963-66 M-N	b1.65 to 2.20%		--
Highway Imp & Met Sew—			
2.10s 1963-75 M-N	b1.65 to 3.50%		--

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 DECEMBER 31, 1962

Bonds—	Yield Basis or To Bid	Ask	Net
Metropolitan Dist Wat Main—			
1.70s 1963-1981 M-N	b1.60 to 3.95%		--
Metropolitan Water Loan—			
2s reg 1963-68 J-J	b2.00 to 3.10%		--
1¼s 1963-66 M-S	b2.00 to 3.00%		--
1¾s 1963-69 J-J	b1.65 to 3.40%		--
1.70s 1963-77 A-O	b1.65 to 3.80%		--
Metropolitan Sewer Loan—			
1¼s 1963-68 M-S	b2.00 to 3.30%		--
1¾s Met Dist at '63-78 J-D	b1.65 to 3.80%		--
Capital Outlay bonds—			
3½s Oct 1 1963-1979	b1.65 to 3.10%		--
Metropolitan Water District—			
3.60s Oct 1 1963-1989	b1.65 to 3.40%		--
Boston—			
3s May 1 1992	--	--	3.50
2¾s 1963-1968 J-D	b1.80 to 2.60%		--
2¼s pub ways & sewers 1963-73 A-O	b1.80 to 3.35%		--
1¾s May 1 1963-77	b1.80 to 3.60%		--
1½s 1963-1976 J-D	b2.00 to 3.70%		--
1¼s 1963-78 F-A	b2.10 to 3.70%		--
Metropolitan District—			
1¼s 1963-69 M-S	b2.00 to 3.10%		--
1¾s 1963-69 F-A	b1.75 to 3.00%		--
1⅞s 1963-72 F-A	b1.75 to 2.90%		--
2s 1963-1980 J-D	b1.75 to 3.50%		--
Brockton 1½s 1963-70 M-N	b1.90 to 3.10%		--
Brookline 1½s 1963-79 J-D	b1.75 to 3.40%		--
Chicopee 2¾s 1963-68 M-N	b1.75 to 2.40%		--
Fall River (City of)—			
2s 1963-80 J-J	b1.75 to 3.60%		--
Framingham (Town of)—			
2.20s 1963-71 J-J	b1.70 to 2.80%		--
Gardner (City of)—			
2.20s 1963-71 J-J	b1.70 to 2.80%		--
Lexington (Town of)—			
1¾s 1963-1978 J-D	b1.70 to 3.50%		--
Lynn 2s 1963-69 M-S	b1.70 to 2.90%		--
Newton 2⅝s 1963-69 A-O	b1.60 to 2.35%		--
Pittsfield (City)—			
1.90s Vets Hous 1963-68 M-S	b1.60 to 2.70%		--
1.80s water 1963-68 J-J	b1.60 to 2.70%		--
Somerville 2½s 1963-69 J-J	b1.65 to 2.30%		--
Springfield—			
3.10s 1963-1981 J-J	b1.50 to 2.85%		--
2s new disp 1963-88 M-N	b1.50 to 3.45%		--
1.60s 1963-81 M-N	b1.50 to 3.50%		--
1¾s St & Sew 1963-79 J-D	b1.50 to 3.50%		--
Weymouth 1½s 1963-70 M-N	b1.90 to 3.10%		--
Worcester (City)—			
1¼s 1963-69 J-J	b1.85 to 2.90%		--

MICHIGAN

Veteran Bonds—			
1½s Mar 15 1963-64	b1.50 to 1.80%		--
1½s Mar 15 1965 opt 1952	--	--	2.00
1¼s 1963-65 M-S	b1.65 to 2.15%		--
Detroit Expressway series III			
5s 1964-1965 M-S	b1.90 to 2.20%		--
3½s 1966 M-S	--	--	2.30
3s 1967-1972 M-S	b2.40 to 2.80%		--
3¼s 1973-1978 M-S	b2.85 to 3.15%		--
3⅜s 1979-1982 M-S	b3.40 to 3.55%		--
3½s 1983-1984 M-S	b3.55 to 3.60%		--
Limited Access Highways—			
Revenue bonds series I			
2½s 1963-65 A-O	b1.60 to 2.00%		--
2s 1966-76 A-O	b2.15 to 3.40%		--
Limited Access Highway			
Dedicated Tax series 1952			
1¾s 1963-64 A-O	b1.60 to 1.90%		--
2s 1965-71 A-O	b2.00 to 3.00%		--
Grand Rapids Expressway—			
Limited access			
2s 1963-64 A-O	b1.65 to 1.90%		--
1¾s 1965-69 A-O	b2.20 to 3.00%		--
2s 1970-75 A-O	b3.00 to 3.30%		--
2¼s 1976-78 A-O	b3.35 to 3.40%		--
Highway Construction series I			
3½s 1963-1964 A-O	b1.70 to 2.00%		--
3s 1965-1979 A-O	b2.10 to 3.10%		--
Trunk Line H'way (series I)—			
4s 1963-1965 F-A	b1.70 to 2.20%		--
3s 1966-1970 F-A	b2.30 to 2.60%		--
3¼s 1971-1978 F-A	b2.70 to 3.10%		--
3⅜s 1979-1982 F-A	b3.15 to 3.20%		--
Trunk Line H'way (series II)			
5s 1963-1968 M-S	b1.70 to 2.50%		--
4s 1969-1971 M-S	b2.60 to 2.80%		--
4¼s 1972-1976 M-S	b2.90 to 3.10%		--
Trunk Line H'way (series VII			
5s 1963-1967 M-N	b1.70 to 2.40%		--
3¼s 1968-1971 M-N	b2.50 to 2.80%		--
3½s 1972-1976 M-N	b2.90 to 3.10%		--
3¾s 1977-1982 M-N	b3.10 to 3.30%		--
3⅞s 1983-1986 M-N	b3.40 to 3.45%		--
Korean Veterans'—			
2¼s 1963-1966 J-D	b1.60 to 2.10%		--
1¾s 1967-1970 J-D	b2.50 to 2.85%		--
Detroit—			
Public Sewer bonds—			
2s Dec 15 1963-65	b1.75 to 2.20%		--
2¼s Dec 15 1966-76	b2.35 to 3.40%		--
1½s Dec 15 1977-78	--	--	4.00
Pub Sew Pub Imp & Util Ltg			
5s 1963-1972 F-A	b1.75 to 2.80%		--
4s 1972 F-A	--	--	2.80
4¼s 1973 F-A	--	--	2.90
4s 1973-1978 F-A	b2.90 to 3.10%		--
4¼s 1979-1982 F-A	b3.20 to 3.40%		--
1s 1983-1985 F-A	--	--	4.30
Lansing (City of)—			
Elec Plant 1½s '63-74 M-N	b1.65 to 3.60%		--

Bonds—	Yield Basis or To Bid	Ask	Net
Mackinac Bridge Authority—			
4s Bdge rev ser A 1994 J-J	101½	103	--
5¼s Jan 1 1994	106	108	--
Midland (Water Revenues)—			
1¾s-2s-2¼s-3s 1963-75 M-S	b1.70 to 3.35%		--
Muskegon (Water Revenue)—			
3½s-1¾s-2s 1963-80 J-J	b1.70 to 3.85%		--
Royal Oak (City of)—			
Ref 2¾s 1963-65 M-S	b1.75 to 2.25%		--
Ref 2½% to 1965 opt 3¾% to maturity	99	--	--
Ref 3s-3¾s 1970-73 optional 1960-61	99	--	--
Saginaw Water Revenue—			
1½s-1¾s-2s 1963-76 M-S	b1.70 to 3.90%		--
Wayne (County of)—			
4¼s water 1963-65 M-N	b1.70 to 2.25%		--
4s wtr 1966-68 opt '65 M-N	102¾	--	--

MINNESOTA

Aeronautics ctfs of indebt—			
3.40s July 1 1963-1970	b1.50 to 2.30%		--
Trunk Highway			
2.90s 1963-1973 F-A	b1.50 to 2.40%		--
2½s 1963-1977 M-S	b1.50 to 2.70%		--
State Building ctfs—			
3.50% May 1 1963-1979	b1.50 to 3.10%		--
Rural Credit Def Fund—			
1.10s ctf of Ind 1963 J-J	--	--	1.50
1.60s 1963-1964 J-J	b1.50 to 1.70%		--
1.70s 1965-1967 J-J	b1.60 to 1.90%		--
State Building Certificates—			
3s 1964-1976 F-A	b1.70 to 3.00%		--
Minneapolis—			
2.60s 1963-66 A-O	b1.50 to 2.00%		--
2½s 1963-67 M-S	b1.50 to 2.10%		--
2.30s various 1963-79 M-S	b1.50 to 3.00%		--
2.10s various 1963-79 M-S	b1.50 to 3.00%		--
2s ref 1963-69 M-S	b1.50 to 2.50%		--
1.90s 1963-74 M-N	b1.50 to 3.00%		--
Minneapolis-St Paul—			
Metropolitan Airport Com—			
2s 1963-68 M-N	b1.50 to 2.40%		--
2¼s 1970-78 M-N	b2.60 to 3.00%		--
Olmsted County—			
Independent S D No 8			
1 & 1¼% 1963-67 J-J	b1.70 to 2.75%		--
St Paul—			
5s Genl imp 1963 J-J	--	--	1.50
3¼s Aug 1 1965-1992	b1.75 to 3.30%		--
3.20s 1963-1989 F-A	b1.50 to 3.25%		--
2.40s Wat Wks 1969 M-N	--	--	2.60
2.30s Imp 1963-68 F-A	b1.50 to 2.50%		--
2.30s Imp 1970-78 F-A	b2.40 to 3.40%		--
2¼s 1963-1984 A-O	b1.50 to 3.40%		--
2.20s 1963-1969 J-J	b1.50 to 2.55%		--
2.20s 1970-1984 J-J	b2.60 to 3.40%		--

MISSISSIPPI

General oblig School ser D			
6s 1963-1964 M-N	b2.00 to 1.70%		--
3¼s 1965-1968 M-N	102½	104	--
3½s 1969-1975 M-N	103	104	--
River Bridge Authority—			
3.60s Nov 1 1994	102	105	--
Highway Bonds—			
1¼s 1963 F-A	97½	99½	--
2½s 1963 F-A	b2.30	1.75%	--
2⅜s 1964-1970 F-A	b3.00	2.75%	--
2¼s 1963 F-A	b2.25	2.00%	--
2½s 1964-1970 F-A	b3.10	2.90%	--
2.40s Aug 1 1971	b3.15	3.00%	--
2½s Feb and Aug 1 1972	b3.20	3.00%	--
2.60s Feb and Aug 1 1973	b3.20	3.00%	--
2.60s Feb and Aug 1 1974	b3.30	3.15%	--
3s 1963-1969 F-A	b3.20	3.00%	--
3.10s 1969-1971 F-A	98½	100½	--
3.10s 1963 F-A	100½	102	--
3s 1964-1966 F-A	97½	99½	--
2.90s 1967 F-A	b3.20	3.00%	--

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 1963-1972 J-J	b2.05 to 3.05%		--
4¾s 1973-87 opt 1972 J-J	b3.15 to 3.75%		--
Joplin (City) 1¼s 1963-64	b2.10 to 2.30%		--
Kansas City—			
3¾s various 1963-72	b2.00 to 2.65%		--
3s 1963-75 M-S	b2.00 to 2.65%		--
2¾s 1967 J-J	--	--	2.20
2¾s 1970-73 J-J	b2.50 to 2.65%		--
2½s 1963-75 A-O	b2.00 to 2.75%		--
Airport rev 4¼s 1963-79 J-J	b2.50 to 3.55%		--
Water Works Improvement			
1½s 1963-67 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 '63-69 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	b2.00 less	1	--
3s 1972	99	--	--
Montana (State of)—			
1.60s Sep 1 1963-69 opt '59	b2.80 less	1	--
Cascade School District No 1 (Great Falls)—			
2s and 2¼s June 20 1963-68 opt '58	99½	--	--
Helena High School District—			
2½s Jan 1 1973 opt 1963	b3.10 less	1	--
Missoula County Sch Dist—			
2.40s Sept 1 1969 opt 1959	b2.65 less	1	--
Silver Bow County S D No 1—			
(Butte) 3¾s July 1 '73 opt 63	b2.00 less	1	--
Yellowstone Co S D No 2—			
Billings 2.30s Feb 1 1974— optional 1964	b3.15 less	1	--

NEBRASKA

Central Neb Pub Power and Irrigation Dist Elec Rev—			
2¼s 1963 M-S	99½	--	--
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 1963-69 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 1963-67 J-J	b2.00 to 2.90%		--
1¾s 1968-81 J-J	b2.90 to 3.75%		--
First Issue of 1948—			
2¾s 1963-71 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 1963-80 J-J	b1.90 to 3.75%		--
Loup River Pub Pow Dist—			
Elec rec ref & impr ser C			
3¼s 1963-89	b1.00	to 3.90%	--
Omaha (City of)—			
Pub Pow Dist (Elec Rev)			
Issued in 1949—			
1¾s 1963 F-A	b1.75 less	1	--
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 1963-72 F-A	bpar to 3.00%		--
2s 1973-80 F-A	b3.00 to 3.70%		--

NEW HAMPSHIRE

3¼s Nov 1 1963-88 M-N	b2.00 to 3.20%		--
1⅞s 1963-1980 A-O	b2.00 to 3.40%		--
Highway—			
1.60s 1963-76 M-N	b2.00 to 3.25%		--
1.70s 1963-68 M-S	b2.00 to 3.00%		--
Turnpike 2¼s 1963-1983 M-S	b2.00 to 3.40%		--
Concord (City of)—			
4¼s U T D 1963-65 J-D	b2.00 to 2.60%		--
Manchester—			
1½s Aug 1 1963-68	b2.00 to 2.50%		--

NEW JERSEY

Highway Auth (Garden State Parkway)—			
State-Guar Parkway ser A—			
3s 1963-85 J-J	b1.50 to 3.05%		--
2¾s 1986-88 J-J	--	--	3.20
State Guar Parkway ser B			
3s 1963-68 J-J	b1.50 to 2.25%		--
2¾s 1969-71 J-J	b2.30 to 2.40%		--
2½s 1972-77 J-J	b2.45 to 2.90%		--
2¾s 1978-83 J-J	b2.80 to 2.95%		--
2⅞s 1984-88 J-J	b3.00 to 3.15%		--
State Higher Education—			
4s 1963-1967 J-J	b1.50 to 2.10%		--
3¼s 1968-1970 J-J	b2.20 to 2.30%		--
3⅜s 1971-1973 J-J	b2.40 to 2.50%		--
3.40s 1974-1975 J-J	--	--	2.70
Revenue			
3¼s series C 1988 J-J	94	96	--
4⅜s ser D & E 1988 J-J	106	107	--
Turnpike Authority—			
Rev 3.20 ('51 issue) '86 J-J	99	100½	--
Revenue 3¼s Jan 1 1985	100⅞	101½	--
3⅜s 2nd series 1988 J-J	101¾	102¾	--
3s 2nd series B 1988 J-J	93	96	--
2.80s 2nd series B 1988 J-J	92	64	--
Highway Extension—			
4½s ser B of '30 July '64-67	b1.50 to 2.15%		--
3¼s ser C of '30 Nov '63-69	b1.50 to 2.30%		--
Institutional Construction—			
3½s series A July 1964-66	b1.70 to 2.10%		--
4½s series B July 1963-67	b1.50 to 2.15%		--
4s series C April 1963-69	b1.50 to 2.30%		--
2¾s ser D May 1963-70	b1.50 to 2.40%		--
1.20s Nov 1 1963-65	b1.75 to 2.25%		--

b Basis. f Flat price. n Nominal.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF DECEMBER 31, 1962

Bonds—	Yield Basis or To Bid	Ask	Net
Highway Improvement—			
2½s series F July 1963-83	b1.50 to 3.30%		—
Recreation, Conservation etc—			
4.15s 1965-1968 M-S	b1.90 to 2.20%		—
3s 1969-1983 M-S	b2.25 to 2.95%		—
3.20s 1986-1991 M-S	b3.05 to 3.15%		—
2s 1992 M-S	—	—	3.60
State Institution Constr—			
1.90s 1963-68 M-N	b1.50 to 2.65%		—
State Teachers' College—			
1½s 1963 F-A	—	—	1.50
1¾s 1964-65 F-A	—	—	2.25
1¾s 1966-68 opt 1965 F-A	—	—	2.50
Water Development—			
4s 1964-1968 J-D	b1.90 to 2.20%		—
3s 1969-1974 J-D	b2.30 to 2.50%		—
3¼s 1975-1979 J-D	—	—	2.80
3¼s 1980-1984 'opt '75 J-D	—	—	2.90
Wat Dev Series B—			
3½s 1968-1971 A-O	b2.20 to 2.40%		—
3s 1972-1977 A-O	b2.50 to 2.75%		—
3.10s 1978-1984 A-O	b2.75 to 3.00%		—
3¼s 1985-1988 A-O	—	—	3.00
Atlantic City—			
Ref bonds of 1944			
3¼s 1963-67	100	101	—
3s Dec 1 '67 opt '48 to '54	99½	100½	—
4½s gen imp 1963-79 A-O	b1.80 to 3.40%		—
Bayonne—			
4¼s school 1963-67 F-A	b1.80 to 2.60%		—
Sewage Disp Sys (ser B)			
3½s 1963-93 M-N	b1.80 to 3.75%		—
Bergen County—			
Sewer Authority			
2½s 1963-65 J-D	b1.65 to 2.10%		—
2¾s 1966-76 J-D	b2.25 to 3.35%		—
2.70s 1977-89 J-D	b3.35 to 3.60%		—
Sewer System series F			
6s 1963-1968 J-D	b1.65 to 2.50%		—
3¼s 1969-1974 J-D	b2.50 to 2.80%		—
3½s 1975-1989 J-D	b2.85 to 3.35%		—
3.60s 1990-1997 J-D	b3.35 to 3.40%		—
Bloomfield 4¼s 1963-1968 J-D	b1.50 to 2.20%		—
Camden—			
4½s water 1963-69 M-N	b1.60 to 2.40%		—
4s 1963-70	b1.80 to 2.80%		—
Ref 3.40s 1967-70 J-D	b2.40 to 2.80%		—
Camden County—			
4¼s 1963-70 J-J	b1.60 to 2.50%		—
4s 1963-68	b1.60 to 2.40%		—
Camden (Housing Author)—			
2⅜s June 1989	b3.60 to 3.70%		—
Clifton 3s 1963-75 F-A	b1.60 to 2.90%		—
2¼s 1963-78 M-N	b1.60 to 3.25%		—
East Orange—			
4½s 1963-1969 J-D	b1.50 to 2.40%		—
3s school 1963-74 A-O	b1.50 to 2.80%		—
Elizabeth—			
2¾s 1963-1978 M-S	b1.60 to 3.25%		—
6s 1963-72 J-J	b1.60 to 2.90%		—
Essex County—			
1.70s 1963-87 A-O	b1.50 to 3.60%		—
1.40s 1963-90 M-N	b1.50 to 3.75%		—
Glen Ridge—			
4¼s Mun Bldg 1963-70 F-A	b1.50 to 2.40%		—
1¾s sch dist 1963-85 M-S	b1.50 to 3.65%		—
Gloucester City—			
5¼s water 1963-66 M-S	b1.80 to 2.50%		—
Hackensack 3s 1963-66 M-S	b1.60 to 2.25%		—
Hamilton (Township)—			
3½s sewer 1963-1978 J-D	b1.60 to 3.00%		—
Hudson County—			
4½s 1963-78 M-N	b1.60 to 3.00%		—
2.65s 1963-70 M-N	b1.60 to 2.50%		—
Jersey City—			
5s 1963-69 A-O	b2.00 to 3.20%		—
4¼s 1963-1967 J-D	b2.00 to 3.10%		—
4s 1963-1987 J-D	b2.00 to 2.85%		—
Hospital 2.60s 1963-76 M-N	b2.00 to 4.00%		—
Water 2.60s 1963-76 M-N	b1.75 to 3.50%		—
Water Series D—			
2s 1963-71 M-N	b1.75 to 3.40%		—
Sewer Authority 1st ser—			
3¼s 1966-1992 J-J	b3.35 to 4.25%		—
Kearny—			
4½s water 1963-70 J-D	b1.75 to 2.90%		—
5½s 1963-70 J-D	b1.75 to 3.00%		—
Linden 2.45s 1963-85 M-N	b1.75 to 3.80%		—
1.60s 1963-69 M-N	b1.75 to 3.25%		—
Maplewood (Township)—			
4s 1963-1967 J-D	b1.75 to 2.75%		—
Middlesex (Borough)—			
3¾s 1963-67 J-J	b2.00 to 3.00%		—
Montclair 2½s 1963-70 M-N	b1.75 to 2.90%		—
Morristown—			
4s 1963-69 M-N	b1.75 to 2.90%		—
Newark 6s 1963-72a M-S	b1.75 to 3.15%		—
4½s 1963-83 F-A	b1.75 to 3.50%		—
4s 1963-1970 J-D	b1.75 to 2.90%		—
3.10s April 1 1963-77 A-O	b1.75 to 3.40%		—
2¾s Jan 15 1963-76 J-J	b1.75 to 3.50%		—
2.40s 1963-1974 M-N	b1.75 to 3.30%		—
2¼s 1963-1968 J-J	b1.75 to 3.00%		—
2.20s 1963-1967 J-D	b1.75 to 3.00%		—
1.60s Aug 15 1963-70	b1.75 to 3.30%		—
Housing Authority—			
3⅛s 1963-1997 A-O	b1.50 to 3.35%		—
New Brunswick—			
4½s sch & wat '63-69 J-D	b1.75 to 2.90%		—
4½s 1963-67 J-D	b1.75 to 2.80%		—
North Bergen—			
Refunding of 1945—			
2¾s 1963 J-D	99	100	—
2¼s 1964 J-D	94	95	—
2¼s 1967 J-D	90	91	—
Passaic—			
4¼s water 1963-70 J-J	b1.75 to 2.70%		—
Passaic County—			
4¼s 1963-1970 J-D	b1.60 to 2.55%		—
1¼s 1963 F-A	—	—	2.25
Paterson—			
4½s 1963-1968 A-O	b1.75 to 2.50%		—
1.20s 1963-1969 F-A	b2.50 to 3.05%		—
Perth Amboy—			
5s Feb 1963-77 F-A	b1.85 to 3.50%		—
Plainfield 1½s 1963-70 F-A	b2.40 to 3.25%		—
Ridgewood 4¼s 1963-68 M-N	b1.60 to 2.40%		—
South Jersey Port District—			
Marine Terminal—			
4½s 1963-1973 A-O	b1.90 to 3.30%		—
South Orange—			
4¼s 1963-70 J-D	b1.60 to 2.55%		—
4½s 1963-1967 J-D	b1.60 to 2.35%		—
Tenafly 1.20s 1963-74 F-A	b2.40 to 3.45%		—
Trenton—			
3s gen imp 1963-67 M-N	b1.60 to 2.35%		—
3s 1963-70 A-O	b1.60 to 2.50%		—
2¾s gen fd & ref '63-68 F-A	b1.60 to 2.40%		—
2¾s ref 1963-66 A-O	b1.60 to 2.25%		—
2½s Em House 1963-71 M-N	b1.60 to 2.55%		—
1⅞s 1963-74 J-D	b1.60 to 3.40%		—
Union County—			
2.80s June 1 1963-1965	b1.60 to 2.10%		—
Union Township School Dist—			
4½s 1963-68 J-J	b1.70 to 2.50%		—
2.40s Sch Dist 1963-67 J-D	b1.70 to 2.40%		—
Weehawken 3½s 1963-70 J-J	b1.70 to 2.70%		—
Westfield—			
4¼s 1963-66 A-O	b1.70 to 2.40%		—
West New York—			
4½s Oct 1 1963-68 A-O	b1.90 to 2.85%		—

NEW MEXICO

Highway Debentures—			
2.30s Mar 1 1965	—	—	1.90
2¼s Mar 1 1966	—	—	2.00
Severance Tax—			
2s July 1 1963-65	b99⅝ to 2.60%		—
Building Institution—			
1⅞s July 1 1963-65	b1.70 to 2.10%		—
Albuquerque—			
2¼s 1963-70 J-D	b1.90 to 3.05%		—

NEW YORK

State Canal Improvement—			
4½s Jan 1 1964 J-J	b1.75 less	⅛	—
4¼s Jan 1 1965 J-J	b1.90 less	⅛	—
4s Jan 1 1966 J-J	b2.00 less	⅜	—
4s Jan 1 1967 J-J	b2.15 less	½	—
Barge Canal 5s 1971 J-J	b2.40 less	¾	—
Grade Crossing Elimination—			
1.50s 1969-71 opt 1968 J-D	b2.75 to 3.00%		—
Highway Improvement—			
4½s Sept 1 1963 M-S	b1.60 less	⅛	—
4¼s March 1 1965 M-S	b1.90 less	¼	—
4s Sept 1 1965 M-S	b1.90 less	¼	—
4s March 1 1967 M-S	b2.10 less	½	—
Housing Finance Agency			
General housing loan '61 A			
4s 2004 M-N	104	—	—
Power Author 3.20s 1995 J-J	98	99	—
General Revenue series F—			
4.20s Jan 1 2006 J-J	109	110	—
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	108¾	109¾	—
4⅜s Jan 1 2006	110½	112	—
General revenue series J—			
3¾s Jan 1 2006	105	106	—
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	b2.70 less	¾	—
2.60s June 1 1977-78	b2.90 to 2.95%		—
2.70s June 1 1980-81	b2.90 to 2.95%		—
2¼s June 1 1982-84	b3.35 to 3.40%		—
Thruway Authority (2nd issue)			
2½s Oct 1 1971	b2.40 less	¾	—
2½s Oct 1 1975	b2.70 less	¾	—
2.60s 1976 A-O	b2.70 less	½	—
2.70s 1977-1978 A-O	b2.75 to 2.85%		—
2¾s 1979-1980 A-O	b2.85 to 2.90%		—
2¾s 1981-1984 A-O	b2.95 to 3.05%		—
Thruway Authority—			
3.10s July 1 1994 J-J	92⅞	93⅜	—
4.15s July 1 1996	111	112	—
Thruway Authority—			
Gen Revenue series B—			
2¼s 1964-69 J-J	b2.20 to 2.80%		—
2⅜s 1970-79 J-J	b3.00 to 3.45%		—
2.70s July 1 1994	85	86¼	—
Thruway Authority—			
Gen Revenue series C—			
6s 1966-1968 J-J	b2.15 to 2.45%		—
5¼s 1969 J-J	—	—	2.60
3¾s 1970-1973 J-J	b2.75 to 3.05%		—
3.90s 1974-1979 J-J	b3.10 to 3.35%		—
Thruway Authority—			
Gen Revenue series D			
3.60s July 1 1996	103½	104½	—
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 3.15%		—
3.30s 1978-1979 J-J	b3.20 to 3.25%		—
3.40s 1980-1985 J-J	b3.30 to 3.40%		—
Thruway Author (3rd issue)			
2½s 1985-89 J-J	b2.30 to 3.50%		—
3.45s 1990 J-J	—	—	3.55
2.60s 1991-92 J-J	—	—	3.40
2½s 1993-95 J-J	—	—	3.45
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	—	—	2.25
1½s Dec 4 1980 J-D	b3.50 less	¼	—
1½s Dec 3 1981 J-D	—	—	3.50
1¼s Dec 1 1996/88	b3.75	3.65%	—
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	b2.40	2.25%	—
2½s Jan 15 1978	b2.85	2.75%	—
2½s Jan 15 1985	b3.35	3.20%	—
2½s Jan 15 1991	b3.50	3.35%	—
3s July 1 1979	b2.85	2.70%	—
3s July 1 1983	b3.00	2.85%	—
3½s March 15 1981	b2.95	2.80%	—
4s March 1 1967	b2.05	1.95%	—
4¼s Jan 1 1965	b2.00	1.80%	—
4½s Sept 1 1963	b1.65	1.50%	—
4½s Jan 1 1964	b1.75	1.60%	—
5s March 1 1965	b2.05	1.85%	—
Albany County—			
1.90s 1963-68 J-D	b1.70 to 2.80%		—
Albany (City of)—			
4½s 1963-69 M-N	b1.70 to 2.50%		—
4½s 1963-70 J-D	b1.70 to 2.60%		—
3½s 1963-64 J-D	b1.70 to 1.90%		—
2¼s 1963-73 M-S	b1.70 to 3.10%		—
2¼s 1963-73 M-S	b1.70 to 3.10%		—
1.70s 1963-79 M-N	b1.70 to 3.70%		—
Binghamton 4½s 1963-71 A-O	b1.60 to 2.60%		—
Buffalo—			
4½s 1963-1967 A-O	b1.65 to 2.40%		—
2.90s 1963-1975 M-N	b1.65 to 2.90%		—
1.70s 1963-1981 J-D	b1.65 to 3.40%		—
Various purposes			
2.70s 1963-1976 J-J	b1.65 to 3.00%		—
Sewer Authority—			
4s 1963-64 J-J	b1.65 to 1.80%		—
4½s 1963-64 J-D	b1.65 to 1.80%		—
3½s ser F 1963-64 M-N	b1.65 to 1.80%		—
2.10s ser I 1963-67 M-N	b1.65 to 2.20%		—
1⅞s ser J 1965-66 M-S	b2.20 to 2.30%		—
Cortland (City)—			
1.60s 1963-1964 J-D	b1.75 to 2.00%		—
Freeport—			
2.20s sewer 1963-66 A-O	b1.80 to 2.60%		—
Greenburgh Un Sch Dis No 9			
4.40s 1963-1965 J-D	b1.75 to 2.30%		—
Hempstead 2.30s 1963-67 J-J	b1.75 to 2.70%		—
Central High Sch Dist No 1			
2.80s 1963-84 F-A	b1.75 to 3.75%		—
Hempstead—			
Union Free School District			
No 16 2.20s 1963-72 J-J	b1.75 to 3.50%		—
Mamaroneck 3.90s 1963-68 J-J	b1.70 to 2.60%		—
Mineola (V) 4.40 1963-68 J-J	b1.75 to 2.75%		—
Mount Vernon—			
4¼s school 1963-72 M-N	b1.70 to 3.00%		—
Nassau County—			
4.20s 1963-86 M-S	b1.70 to 3.35%		—
3.90s 1963-1989 J-J	b1.70 to 3.40%		—
3.60s 1963-1990 J-D	b1.70 to 3.40%		—
3½s 1963-87 J-D	b1.70 ot 3.35%		—
3.40s 1963-85 A-O	b1.70 to 3.30%		—
3.10s 1963-1991 M-S	b1.60 to 3.30%		—
2½s revenue 1975 M-S	94	—	—
2½s 1963-82 A-O	b1.70 to 3.70%		—
2.10s im 1963-79 F-A	b1.70 to 3.75%		—
2s 1963-80 M-S	b1.70 to 3.90%		—
1.60s 1963-89 M-S	b1.75 to 4.00%		—
New Rochelle—			
4½s 1963-65 M-N	b1.70 to 2.25%		—
1.80s 1963-68 M-S	b1.70 to 2.80%		—

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

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STATE AND MUNICIPAL BONDS

QUOTATIONS FOR ALL SECURITIES ARE AS OF DECEMBER 31, 1962

Bonds—	Yield Basis or To Bid	Ask	Net
New York City (various)—			
4½s Dec 1 1979	116¼	117¾	--
4½s Dec 15 1971	113¼	114½	--
4½s July 1 1967	108½	109½	--
4½s June 1 1965	105	106	--
4½s March 1 1963	100¼	100½	--
4¼s March 1 1981	113	114½	--
4¼s Nov 15 1978	112¼	113¾	--
4¼s Jan 1 1977	112	113¾	--
4¼s Feb 15 1976	112	113½	--
4¼s June 1 1974	111½	113¼	--
4¼s April 15 1972	111	112½	--
4¼s April 1 1966	105¾	106¾	--
4¼s March 1 1964	102⅜	102⅞	--
4s Oct 1 1980	110	111½	--
4s May 1 1977	109½	111	--
3½s Jan 15 1976	104½	106	--
3¼s July 1 1975	101½	103	--
3s June 1 1980	97½	98¼	--
3s Feb 1 1979	97	98¼	--
3s Jan 1 1977	99	100	--
2¾s July 15 1969	100¾	101½	--
New York City Housing Auth—			
2s March 1 1990-2000	b4.00	3.85%	--
2¼s March 1 1990-2000	b3.95	3.80%	--
2½s May 1 1985-1995	b3.90	3.75%	--
2¾s June 1 1991-1999	b3.70	3.60%	--
3s June 1 1986-1990	b3.50	3.40%	--
4s Jan 1 1995-1997	b3.65	3.50%	--
Niagara Falls—			
3.10s Apr 1 1963-78 A-O	b1.50 to 2.95%		--
3.20s pub imp 4-1-63-67 J-D	b1.50 to 2.30%		--
2¾s June 1 1963-79 J-D	b1.50 to 3.05%		--
1.80s water Nov 1 '63-80 M-N	b1.50 to 3.55%		--
Niagara Falls City SD—			
3.10s June 1 1963-80 D-J	b1.50 to 3.00%		--
2.90s Apr 1 1963-87 A-O	b1.50 to 3.30%		--
2.30s Mar 1 1963-83 M-S	b1.50 to 3.30%		--
1.90s Jan 1 1963-78 J-J	b1.50 to 3.45%		--
Onondaga County—			
3s highway Feb 1 '63-76 F-A	b1.50 to 2.80%		--
Port of New York Authority			
Consolidated—			
4¼s Oct 1 1989	109¼	110½	--
3¾s Oct 1 1987	103¼	104¼	--
3⅝s Feb 1 1989	102¼	103¼	--
3½s Nov 1 1991	102	103	--
3.40s Oct 1 1993	99½	100	--
3.40s Feb 1 1987	101½	102½	--
3.40s Sept 1 1986	101½	102½	--
3⅜s May 1 1988	100	101	--
3¼s Sept 1 1993	96½	97¼	--
3s May 1 1986	94½	96	--
3s Nov 1 1982	95½	97	--
2.90s Dec 1 1983	91	92½	--
2¾s April 1 1985	87½	88½	--
2¾s Sept 1 1984	87½	88½	--
Air Terminal—			
2½s Oct 1 1979	90½	91½	--
Air & Marine Terminal—			
2.20s Dec 1 1980	84½	86	--
General & Refunding—			
2s Aug 15 1974	95	96	--
1¾s April 1 1985	71½	73	--
1½s April 1 1985	67½	68½	--
1¼s March 1 1986	61½	63	--
Schenectady—			
3.60s wtr May 1 '63-91 M-N	b1.50 to 3.40%		--
3.60s gen imp 2-1-63-89 F-A	b1.50 to 3.35%		--
3s sewer May 1 '63-69 M-N	b1.50 to 2.40%		--
1¾s sewer Jun 1 '63-76 J-D	b1.50 to 3.45%		--
Schenectady City SD—			
2¾s Feb 1 1963-83 F-A	b1.50 to 3.10%		--
Schenectady County—			
3s hosp bldg Jul 1 '63-89 J-J	b1.50 to 3.35%		--
Syracuse—			
2.20s hway 3-1-1963-72 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 1963-2000 J-D	b1.50 to 3.35%		--
Tonawanda (City)—			
4s imp Apr 1 1963-88 M-S	b1.60 to 3.40%		--
3¾s May 1 1963-78 M-N	b1.60 to 3.00%		--
Tonawanda (Town)—			
3¼s Apr 1 1963-86 A-O	b1.50 to 3.40%		--
3.10s sew Jun 1 1963-76 J-D	b1.50 to 3.00%		--
Tonawanda City SD—			
3¼s Jun 1 1963-86 J-D	b1.50 to 3.40%		--
Triborough Bridge & Tunnel Authority Revenue—			
2⅛s July 1 1965	b2.10	1.90%	--
2⅛s July 1 1967	b2.25	2.15%	--
2⅛s July 1 1968	b2.50	2.35%	--
2⅛s July 1 1969	b2.50	2.40%	--
3¾s Jan 1 1985	105	105¾	--
4s Jan 1 1985	108¼	109¼	--
Troy—			
3.70s May 1 1963-82 M-N	b1.50 to 3.20%		--
3½s Mar 1 1963-79 M-S	b1.50 to 3.10%		--
4s water Mar 1 1963-77 M-S	b1.50 to 3.00%		--
2.90s serially to 1977 A-O	b1.50 to 3.05%		--
Watertown—			
2.70s Apr 1 1963-76 A-O	b1.50 to 3.00%		--
1.60s sch Jan 1 1963-79 J-J	b1.00 to 3.60%		--
Watertown City SD—			
3.20s sch Nov 1 '63-87 M-N	b1.50 to 3.40%		--
Westchester County—			
3.20s Oct 1 1963-81 A-O	b1.50 to 2.90%		--
2.30s Sept 1 1963-83 M-S	b1.50 to 3.25%		--
4s June 1 1963-80 J-D	b1.50 to 2.90%		--
4¼s June 1 1963-81 J-D	b1.50 to 2.95%		--
2.10s Oct 1 1963-81 A-O	b1.50 to 3.35%		--
2.70s July 1 1963-81 J-J	b1.50 to 3.15%		--
Yonkers—			
4s July 1 1963-79 A-O	b1.50 to 3.10%		--
3.90s June 1 1963-77 A-O	b1.50 to 3.00%		--
2¾s May 1 1963-78 A-O	b1.50 to 3.25%		--
3¾s Aug 1 1963-76 A-O	b1.50 to 2.95%		--

NORTH CAROLINA

Issues dated Oct 1 1950—			
1½s April 1 1963	--	--	Par
1⅜s April 1 1965-70	b1.95 to 2.65%		--
Capital Improvement—			
4s 1963-1964 M-N	b1.50 to 1.65%		--
3½s 1965 M-N	--	--	1.80
3¼s 1966-1979 M-N	b1.90 to 2.65%		--
Road bonds dated July 1 1949			
1¼s Jan 1 1963-64	b1.50 to 1.75%		--
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
1¼s Jan 1 1963-64	b1.50 to 1.75%		--
Secondary road of Jan 1 '51			
1½s 1963-81 J-J	b1.50 to 3.25%		--
1¾s 1963-66 J-J	b1.50 to 1.95%		--
2s 1967-70 J-J	b2.00 to 2.35%		--
Asheville—			
2¾-4s gen ref July 1 1976	98	100	--
Buncombe County—			
2¾-4s gen ref July 1 1976	98	100	--
Charlotte—			
4¼s 1963-70 M-N	b1.60 to 2.40%		--
4¼s 1963-79 M-N	b1.60 to 3.00%		--
3s 1963-77 F-A	b1.60 to 2.80%		--
2½s 1963-66 M-N	b1.60 to 2.05%		--
2¼s 1963-72 A-O	b1.60 to 2.70%		--
2½s 1973-80 A-O	b2.65 to 3.20%		--
Issues dated Nov 1 1953—			
6s 1963-64 M-N	b1.60 to 1.75%		--
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 1963-78 F-A	b1.55 to 3.00%		--
2¼s 1979-83 F-A	b3.10 to 3.30%		--
Durham (County of)—			
1½s 1963-1969 J-D	b1.60 to 2.80%		--
Elisabeth City (pub imp)—			
3¼s 1963-67 A-O	b1.75 to 2.60%		--
3s 1968-70 A-O	b2.70 to 2.90%		--
High Point (refunding)—			
3¾s 1963-69 M-N	b1.60 to 2.30%		--
3½s 1970-75 M-N	b2.40 to 2.65%		--
5s water ser 1963-68 J-D	b1.60 to 2.20%		--
1½s April 1 1963-66	b1.65 to 2.50%		--
Kinston (El Lt & Street Imp)			
2¼s 1963-68 J-D	b1.70 to 2.35%		--
2s 1967-71 J-D	b2.50 to 2.90%		--
Macklenburg County—			
1¾s 1963-1965 J-D	b1.65 to 2.10%		--
2s 1966-75 J-D	b2.05 to 3.25%		--
Raleigh 4½s 1963-67 A-O	b1.60 to 2.10%		--
3s 1963-70 A-O	b1.60 to 2.40%		--
Rocky Mount—			
Water and sewer bonds—			
2½s 1963-70 J-J	b1.70 to 2.50%		--
2¼s 1971-80 J-J	b2.90 to 3.45%		--
Wilmington—			
Water Works Extension—			
3¾s-2s-1½s 1963-80 A-O	b1.70 to 3.50%		--
Wilson (Town of)—			
2¼s 1963-65 A-O	b1.70 to 2.00%		--
2½s 1963-78 A-O	b1.70 to 3.25%		--
Winston-Salem—			
4½s 1963-73 M-N	b1.60 to 2.50%		--
2s refunding 1963-68 J-J	b1.60 to 2.20%		--
1¾s refunding 1969-73 A-O	b2.10 to 3.05%		--

OHIO

General obligations—			
Construction—			
3¼s 1963-1966 J-D	b1.50 to 2.10%		--
3s 1967-1971 J-D	b2.20 to 2.35%		--
2.85s 1972-1974 J-D	b2.40 to 2.55%		--
Korean Conflict Compensation			
3s May 15 1963-72	b1.50 to 2.35%		--
Turnpike revenue No 1—			
3¼s June 1 1992	98¼	99¼	--
Major Thorofare Construction			
Series A 1.40s 1963-64 M-S	b1.75 to 1.90%		--
Serial L			
3¼s 1963-1969 M-S	b1.50 to 2.30%		--
3.40s 1970-1972 M-S	b2.35 to 2.45%		--
Major Thoroughfare Const			
Series C 3¼s 1963-64 M-S	b1.50 to 1.75%		--
3s 1965-1972 M-S	b2.00 to 2.45%		--
Akron (City of)—			
3s var purpose '64-83 M-N	b1.70 to 3.15%		--
Cincinnati—			
5s July 1 1965 J-J	b2.25	to2.10%	--
2¼s Sept 1 1963-76	b1.60 to 3.30%		--
2s school 1963-72 M-S	b1.60 to 3.30%		--
2s 1963-90 M-S	b1.60 to 3.55%		--
1¾s water wks 1963-70 M-S	b1.60 to 3.00%		--
1¾s school 1963-73 M-S	b1.60 to 3.10%		--
Limited tax improvement			
2½s 1963-78 M-S	b1.60 to 3.10%		--
Unlimited tax bonds			
3¼s 1963-1984 J-D	b1.60 to 3.00%		--
3½s 1963-1989 J-D	b1.60 to 3.15%		--
Cleveland—			
5½s 1963-1970 J-D	b1.80 to 2.70%		--
4s w w 1963-1968 J-D	b1.80 to 2.60%		--
2¾s 1963-1983 M-S	b1.80 to 3.50%		--
2½s 1963-1973 M-S	b1.80 to 3.10%		--
1¾s 1963-72 M-N	b1.80 to 3.30%		--
1½s 1963-1971 M-S	b1.90 to 3.50%		--
Waterworks extension 1st mtge revenue			
2s 1963-1965 F-A	b2.50 to 2.40%		--
2¼s 1966-72 Aug 1	b1.80 to 2.40%		--
Waterworks extension 1st mtge rev ser D—			
2s 1963-1972 F-A	b1.80 to 3.40%		--
2¼s 1973-1976 F-A	b3.10 to 3.45%		--
Columbus—			
2¼s 1963-1980 J-J	b1.50 to 3.50%		--
2s 1963-1974 A-O	b1.50 to 3.40%		--
1½s 1963-72 M-N	b1.65 to 3.50%		--
Unlimited tax bonds—			
3½s 1963-1997 A-O	b1.50 to 3.40%		--
Limited Tax bonds—			
3½s 1963-2001 A-O	b1.60 to 3.55%		--
Waterworks 2s 1963-87 M-S	b1.60 to 3.70%		--
Various purposes			
3½s Jan 1 1963-1986	b1.50 to 3.20%		--
Cuyahoga County			
1¾s Co Bldg 1963-68 A-O	b1.75 to 3.20%		--
2s Rd imp 1963-73 A-O	b1.75 to 3.40%		--
County Offices Bldg ser B			
2s 1963-1969 A-O	b1.75 to 3.20%		--
Dayton 2¼s Nov 1 1963-73	b1.60 to 3.60%		--
1¾s S D bldgs '63-72 M-N	b1.60 to 3.50%		--
Franklin County 1s '63-68 M-S	b2.00 to 3.40%		--
Hamilton—			
City 1½s 1963-71 M-S	b1.65 to 3.50%		--
County 1s 1963-69 M-S	b1.75 to 3.55%		--
1st mtge Wat Wks Revenue			
2¼s 1963-71 A-O	b1.80 to 3.40%		--
S D 1¾s 1963-70 J-D	b1.75 to 3.30%		--
Library 2s 1963-73 M-S	b1.75 to 3.30%		--
Lima (City) S D—			
2¼s imp 1963-72 J-D	b1.75 to 3.35%		--
Marion (City of)—			
1s and 1¼s 1963-71 J-D	b2.00 to 3.50%		--
Portsmouth (City of)—			
1st mtge Water Revenue—			
2½s 1963-65 A-O	b2.00 to 2.55%		--
2¾s 1966-68 A-O	b2.60 to 2.90%		--
Steubenville 2½s 1963-79 M-N	b1.90 to 3.75%		--
Toledo—			
Waterworks Extension 1st mtge revenue—			
2¾s opt '56 due '63-69 J-D	b1.75 to 2.90%		--
2½s opt 1956 due 1970 J-D	--	--	3.00
Warren (City of)—			
2½s 1963-82 w w Rev J-J	b2.00 to 3.85%		--
2⅝s 1963-90 w w Rev J-J	b2.00 to 3.90%		--
2¾s 1991 J-J	--	--	4.00
Youngstown New Housing Authority—			
2½s 1982	--	--	3.60
Zanesville City (School Dist)			
2s building 1963-1969 M-S	b1.80 to 3.30%		--

OKLAHOMA

State of Oklahoma—			
4s 1964-1978 J-J	b1.65 to 2.60%		--
3.20s 1968 J-J	--	--	2.15
2.80s 1969-1972 J-J	b2.20 to 2.45%		--
3s 1973-1978 J-J	b2.50 to 2.90%		--
3.20s 1979-1982 J-J	b2.95 to 3.20%		--
3.30s 1983-1986 J-J	b3.25 to 3.35%		--
Okla Turnpike Auth—			
3¾s 1990 F-A	100	100½	--
4¾s July 1 2001	108	109¾	--
Munic Auth Water System Ser B 3.30s 1971-2000 J-J	b2.50 to 3.50%		--
Turnpike Revenue— Northeastern Turnpike—			
3¼s 1963-1965 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 1963-71	b1.40 to 2.40%		--
Issues dated May 1 1953			
2½s 1963-68 M-N	b1.40 to 2.20%		--
2¾s 1969-78 M-N	b2.25 to 3.15%		--
Tulsa—			
1s 1964-1966 J-J	b1.50 to 2.20%		--
General obligations—			
1.10s 1963-1965 J-J	b2.25 to 2.40%		--
Waterworks & Sewer—			
2¼s 1963-1973 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 DECEMBER 31, 1962

Bonds—	Yield Basis or To Bid	Ask	Net
OREGON			
Highway 1½s 1963-71 A-O	b1.70 to 3.25%		--
Highway series 1953 "B"			
2¼s 1963-1966 M-S	b1.60 to 2.10%		--
State Highway (series 1962-A)			
2.40s 1963-1968 J-J	b1.60 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	b2.95 to opt		--
2¼s April 1 1967	--	--	2.25
Veterans' Welfare series XV—			
3s 1970-1974 J-D	b2.55 to 2.80%		--
3.20s 1975-1978 J-D	b2.85 to 3.00%		--
Veterans' Compensation—			
1½s Oct 1 1963-1966	b1.70 to 2.55%		--
1¾s Oct 1 1967-1972	b2.55 to 3.20%		--
2s 1964-65 opt '63 A-O	b1.75 to 1.95%		--
2¼s 1966 opt 1963 A-O	b2.10 to Opt		--
Portland—			
2½s Airport 1963-1964 J-J	b1.60 to 1.80%		--
Sewer disposal—			
1½s 1963-65 opt '55 M-N	b1.70 to 2.30%		--
1¼s 1965-66 opt '55 M-N	b2.40 to 2.60%		--
Salem (City of)—			
1½s 1963-70	b1.80 to 3.25%		--
PENNSYLVANIA			
1½s series M 1963-65 M-S	b1.40 to 1.90%		--
1.45s series N 1966-67 F-A	b2.20 to 2.35%		--
Delaware River Port Auth—			
3½s 1st ser rev 1983 J-D	104¼	104¾	--
The General State Authority of the Commonwealth of Pa			
Eighth Series—			
3.30s 1963-64 J-J	b1.75 to 2.00%		--
3.40s 1965-66 J-J	b2.30 to 2.50%		--
3½s 1967-74 J-J	b2.65 to 3.10%		--
3.70s 1975-83 J-J	b3.25 to 3.35%		--
11th Series—			
3¼s 1963-1968 J-J	b1.70 to 2.65%		--
3.40s 1969-1970 J-J	b2.75 to 2.85%		--
3½s 1971-1973 J-J	b2.90 to 3.00%		--
3.60s 1974-1979 J-J	b3.15 to 3.25%		--
3¾s 1980-1986 J-J	b3.30 to 3.40%		--
12th Series—			
3s 1963-1966 J-D	b1.70 to 2.45%		--
3.20s 1967-1971 J-D	b2.50 to 2.80%		--
3.40s 1972,1974 J D	b2.95 to 3.10%		--
3½s 1975-1979 J-D	b3.15 to 3.25%		--
3.60s 1980-1987 J-D	b3.30 to 3.35%		--
16th Series—			
2¼s 1965-1966 J-J	b2.00 to 2.20%		--
2½s 1967-1969 J-J	b2.25 to 2.50%		--
2¾s 1970-1972 J-J	b2.60 to 2.75%		--
3s 1973-1977 J-J	b2.75 to 2.90%		--
3¼s 1978-1981 J-J	b2.95 to 3.10%		--
3.40s 1982-1983 J-J	b3.10 to 3.15%		--
3½s 1984-1989 J-J	b3.20 to 3.35%		--
Korean Conflict Veterans'—			
Series O serial bonds			
4.60s 1963-1964	b1.75 to 2.10%		--
3¼s 1965-1971	b2.00 to 2.35%		--
3⅜s 1972-1975 opt '73	b2.40 to 2.50%		--
State Highway & Bridge Auth			
Series of 1952—			
2.30s 1965-1966 J-D	b2.10 to 2.20%		--
2.40s 1967-1970 J-D	b2.25 to 2.60%		--
2.50s 1971-1974 J-D	b2.60 to 2.75%		--
Series of 1954—			
1¾s 1964-1965 J-D	b2.00 to 2.25%		--
1.90s 1966-1967 J-D	b2.50 to 2.70%		--
2s 1968-1970 J-D	b2.70 to 2.85%		--
2.10s 1971-1973 J-D	b2.95 to 3.00%		--
2¼s 1974-1977 J-D	b3.10 to 3.20%		--
State Pub School Bldg Auth—			
6s 1963-1972 M-N	b2.00 to 2.80%		--
4¾s 1973 M-N	--	--	2.85
2¾s 1974-1975 M-N	b2.90 to 2.95%		--
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	--	--	3.20
3.20s 1983-1986 M-N	b3.20 to 3.30%		--
3.30s 1987-1994 M-N	b3.35 to 3.45%		--
1s 1995 M-N	--	--	4.10
1/10s 1996-2001 M-N	--	--	4.40
Turnpike revenue—			
3¼s term 1988 J-D	101¾	102¼	--
3.10s (1954) ser 1993 J-D	98	98¼	--
2.90s western ext 1986 J-D	101	101¾	--
Delaware River Extension—			
2¾s June 1 1970	100¼	101	--
3s June 1 1982	96⅞	97⅜	--
Allegheny Co—			
2½s 1967-1978 M-S	b2.30 to 3.40%		--
2⅜s 1963-1984 M-N	b1.60 to 3.50%		--
2¼s May 1 1963-1970	b1.60 to 2.75%		--
1⅞s 1963-1972 M-N	b1.75 to 3.40%		--
1⅝s 1963-1980 M-N	b1.75 to 3.80%		--
1⅜s 1963-1965 M-S	b1.75 to 2.40%		--
1½s 1963-1974 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 1968-1971 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 1963-76 J-D	b1.75 to 3.70%		--
S D 1s 1963-1974 F-A	b1.75 to 3.80%		--
Allentown Authority —			
Water rev 2s 1963-69 J-J	b1.75 to 2.90%		--
2⅛s 1970-1977 J-J	b3.00 to 3.70%		--
Chester Municipal Authority—			
Water rev 2s 1963-1969 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 1963-71 M-N	b1.00 to 3.00%		--
2½s 1963-1982 A-O	b1.80 to 3.50%		--
Lehigh (County of)—			
1⅝s 1963-81 J-D	b1.00 to 3.60%		--
Philadelphia (City of)—			
2¾s 1964-1990 J-J	b2.05 to 3.95%		--
1½s 1991-1999 J-J	--	--	4.40
2½s Jan 1 1965-1985	b2.25 to 3.95%		--
2s Jan 1 1986-1992	b4.10 to 4.20%		--
Refunding bonds—			
1½s 1963-1965 J-J	b1.95 to 2.45%		--
3¼s July 1 1986 opt 1956	--	--	3.70
3¼s ref 1975 to 1985	b3.10 to 3.55%		--
3¼s Jan 1 1975 opt 1962	--	--	3.25
Ref (dated Feb 16 1951)—			
1½s 1963-76 J-J	b1.95 to 3.90%		--
Serial bonds—			
1¼s 1963-1965 J-J	b1.95 to 2.75%		--
1½s 1966-1983 J-J	b2.75 to 4.15%		--
1¾s 1984-1996 J-J	b4.15 to 4.20%		--
Serial bonds (1948 issue)—			
3s 1963-1970 J-J	b1.85 to 2.80%		--
2¾s 1971-1998 J-J	b3.10 to 4.00%		--
Term bonds 2¾s 78 opt 68 M-N	--	--	3.35
Term bonds 2s 1963 M-N	--	--	1.00
Issues dated June 1 1950—			
3s Jan 1 1963-1969	b1.85 to 2.65%		--
2¼s Jan 1 1970-1986	b3.00 to 4.00%		--
2s Jan 1 1987-1994	--	--	4.25
1½s Jan 1 1995-2000	--	--	4.40
Issues dated Oct 16 1951—			
2s 1963-1967 J-J	b1.80 to 2.85%		--
2¼s 1968-1977 J-J	b2.95 to 3.75%		--
Issues dated April 1 1953—			
3s 1964-1969 J-J	b2.10 to 2.70%		--
3¼s 1970-1973 J-J	b2.75 to 3.00%		--
3s 1974-1987 J-J	b3.10 to 3.70%		--
Philadelphia School District—			
2¾s impt 1963-73 M-S	b1.85 to 3.30%		--
2⅜s 1963-77 J-J	b1.85 to 3.65%		--
2s 1963-74 A-O	b1.80 to 3.60%		--
1½s Sept 1963	--	--	2.05
1¼s 1963-1970 F-A	b2.15 to 3.60%		--
Pittsburgh—			
1s 1963-65 F-A	b2.00 to 2.75%		--
1.20s 1963-66 F-A	b2.00 to 2.85%		--
2s 1963-68 A-O	b2.00 to 3.05%		--
1.80s 1963-69 A-O	b2.00 to 3.30%		--
1⅜s ref '58 ser A '63-67 F-A	b2.00 to 3.00%		--
3⅜s 1963-1981 J-J	b1.70 to 3.10%		--
Gen Pub Improvement			
1st ser A 1963-64 M-S	b2.00 to 2.70%		--
1.80s of '51 A 1963-71 J-J	b2.00 to 3.50%		--
School District—			
3s 1963-1964 F-A	b1.70 to 1.90%		--
2¼s 1963 J-D	--	--	1.70
Pub Parking Authority			
Project A Rev ser A—			
3½s 1981 A-O	94	--	--
Westmoreland County			
(Mun Auth of)—			
Water revenue 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 1963-68 J-J	b2.00 to 3.00%		--
1¾s 1969-79 J-J	b3.10 to 3.75%		--
2s 1963-1975 J-D	b1.00 to 3.60%		--
York School District—			
1¼s imp 1963-70 F-A	b1.90 to 3.20%		--
RHODE ISLAND			
4s charit inst 1965 M-S	b2.10	2.00%	--
4s June 1 1977 J-D	b3.10	3.00%	--
4½s bridge 1970 F-A	b2.70	2.60%	--
1½s Dec 1 1963-66	b1.90 to 2.40%		--
State of Rhode Island			
and Providence Plantation			
3¼s 1963-85 M-S	b1.60 to 3.25%		--
2¼s 1963-74 A-O	b1.80 to 3.10%		--
2s 1963-75 J-D	b1.80 to 3.25%		--
Highway 2s 1963-72 M-N	b1.80 to 3.15%		--
Cranston 1¾s 1963-83 A-O	b2.00 to 3.90%		--
2½s series G 1963-74 F-A	b2.00 to 3.35%		--
4s 1963-66 J-J	b1.95 to 2.35%		--
4½s Mar 15 1963-78 M-S	b1.60 to 3.35%		--
Newport—			
2¼s waterwks 1963-71 M-S	b2.00 to 3.15%		--
Providence—			
4s Oct 1 1964 A-O	b2.10 to 2.00%		--
3.20s 1963-1984 M-S	b1.80 to 3.25%		--
2.30s 1963-1977 J-J	b2.00 to 3.30%		--
2s 1963-77 J-J	b2.00 to 3.45%		--
1⅜s 1963-1971 J-D	b2.10 to 3.50%		--
New Housing Authority—			
2⅛s 1986	--	--	3.60
Warwick (City)—			
3¼s 1963-91 A-O	b1.90 to 3.60%		--
Woonsocket—			
4½s 1963-1967 J-D	b1.90 to 2.60%		--
SOUTH CAROLINA			
Public Service Authority—			
2½s July 1 1963-71	b2.90	2.70%	--
2⅝s July 1 1972-77	b3.30	3.10%	--
2.70s July 1 1978-93	b3.60	3.50%	--
School (series U) 2½s 1963-82	b2.70	2.60%	--
State H'way Ctfs of Indeb't—			
1¼s 1963-65 M-N	b2.00	1.80%	--
State H'way 1.70s 1963-67 J-D	b2.20	2.10%	--
State H'way & Port purposes			
2.10s ser G 1963-1968 J-D	b2.20	2.10%	--
2.55s ser B 1963-1978 J-D	b2.60	2.50%	--
State Institution—			
1¾s 1963-70 A-O	b2.40	2.30%	--
2s 1971-74 A-O	b2.70	2.55%	--
State School 1½s 1963-68 A-O	b2.50	2.30%	--
2.35s 1963-75 J-D	b2.60	2.50%	--
2.30s 1963-74 F-A	b2.40	2.25%	--
2.20s 1963-68 M-N	b2.20	2.10%	--
3.10s 1963-78 M-N	b2.60	2.50%	--
Charleston—			
3¼s wat wks 1963-78 A-O	b2.90	2.80%	--
Greenville 3½s 1963-76 M-N	b2.90	2.80%	--
Water rev 2¼s 1963-71 A-O	b2.70	2.60%	--
Spartanburg—			
4½s water 1963-65 J-J	b2.10	1.90%	--
2¼s 1963 J-J	b2.00	1.75%	--
York (County of)—			
2½s 1963-68 M-N	b2.60	2.40%	--
2.60s 1969-71 M-N	b2.75	2.60%	--
TENNESSEE			
2.00s 1964-65 J-D	b2.10	2.00%	--
2.40s 1963 J-D	b2.00	1.90%	--
4½s July 1 1963-67	b1.70 to 2.40%		--
H'way & Educ Institutional			
4s 1963-69 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 1963-68 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	102½	103½	--
Power bonds 1961 ser A			
4⅝s July 1 1986	104	106	--
Power bonds 1962 ser B			
4½s Feb 1 1987	103	104	--
Blount County—			
2½s 1963-72 J-D	b1.75 to 3.00%		--
2¾s 1973-76 J-D	b3.30 to 3.10%		--
Chattannooga—			
Electric Power Revenue—			
Series AA—			
2s 1963-64 J-J	b1.50 to 2.00%		--
1¾s 1964-66 J-J	b2.50 to 3.00%		--
1½s 1967-69 J-J	b3.40	3.20%	--
Ser B 2½s 1963-69 J-J	b1.90 to 2.75%		--
3s 1968-78 J-D	b2.70 to 3.25%		--
Davidson County—			
2¼s rural sch 1963-74 J-J	b1.80 to 3.00%		--
1.80s rural sch 1963-75 A-O	b1.80 to 3.25%		--
Johnson City ref 3½s 1963-70	b2.00 to 3.10%		--
Electric Revenue ser A			
1¼s 1963-1965 J-D	b2.00 to 3.50%		--
Knox County (Rural School)			
2½s 1963-68 M-N	b1.80 to 3.00%		--
Knoxville—			
General obligation 4½s	b3.90	3.70%	--
General obligation 4¾s	b3.90	3.75%	--
General obligation 5s	b4.00	3.80%	--
Water 4½s	b3.90	3.75%	--
Electric revenue ser A 1949			
2½s 1963-65 F-A	b2.00 to 2.50%		--
2¾s 1966-68 F-A	b2.50 to 2.75%		--
2s 1969 F-A	b3.25	3.00%	--
Memphis—			
Electric Plant—			
1.40s 1963-1969 J-D	b1.40 to 3.40%		--
4.40s 1992	111	113	--
Board of Education —			
1.20s 1963-64 A-O	b1.40 to 3.00%		--
1s 1963-75 J-J	b1.40 to 3.90%		--
General liability 1¾s			
and 1½s 1963-77 F-A	b2.00 to 3.75%		--
1¾s various 1963-74 M-N	b2.00 to 3.75%		--
2s various 1975-81 M-N	b4.00 to 3.90%		--
Nashville —			
4¼s 1963-67 J-J	b1.40 to 2.70%		--
2½s school 1963-88 A-O	b1.40 to 3.75%		--
1½s 1963-1974 J-D	b1.75 to 3.75%		--
1s 1963-1974 J-D	b1.75 to 3.90%		--
Elec Power Rev ser C—			
1¾s 1963-66 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 1963-69	b1.40 to 3.50%		--
Robertson County—			
2½s 1963-66 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 DECEMBER 31, 1962

Bonds—	Yield Basis or To Bid	Ask	Net
TEXAS			
Texas Turnpike Authority			
Dallas-Fort Worth Revenue			
2.70s (1955 ser) 1980 J-J	94	96	—
2⅞s (1955 ser) 1995 J-J	93½	95½	—
Veterans' Land Bonds—			
1½s 1963-65	b1.75 to 2.00%		—
1¾s 1966-74	b2.10 to 3.00%		—
1¾s 1975-79	b3.10 to 3.50%		—
Series of 1953—			
2s 1966-68 J-D	b2.00 to 2.20%		—
2¼s 1969-77 J-D	b2.30 to 3.00%		—
2.40s 1978-81 J-D	b3.05 to 3.15%		—
2.40s 1982-89 opt '64 J-D	b3.20 to 3.40%		—
Series 1961-A			
3½s 1966-1991 J-D	b2.00 to 3.25%		—
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	b2.90 to 3.10%		—
3⅜s 1988-1991 J-D	b3.15 to 3.25%		—
Austin—			
1½s 1963-1968 J-J	b1.90 to 2.60%		—
1¾s 1967-75 J-J	b2.50 to 3.25%		—
Beaumont—			
4½s 1963-1970 J-J	b1.90 to 2.70%		—
4s 1963-77 A-O	b1.90 to 3.25%		—
Colo Riv Mun Wat Dist—			
Water Revenue bonds			
2s Jan 1 1963-66	b2.00 to 2.50%		—
2¼s Jan 1 1967-72	b2.00 to 3.10%		—
2⅜s Jan 1 1973-76	b3.15 to 3.25%		—
Corpus Christi—			
Gen obl 3½s 1963-73 J-D	b1.80 to 2.80%		—
Waterworks Revenue—			
3¼s 1963-1978 J-D	b1.80 to 3.20%		—
Dallas—			
4½s 1963-70 M-N	b1.75 to 2.50%		—
3¼s 1963-1973 J-J	b1.75 to 2.70%		—
1¾s 1963-69 F-A	b1.75 to 2.70%		—
1.70s 1963-1970 F-A	b1.75 to 2.80%		—
1s April 1 1963-68	b2.20 to 3.10%		—
Independent School District			
1s April 1 1963-68	b2.20 to 3.10%		—
2s 1963-67	b1.75 to 2.40%		—
1¾s 1963-67 M-N	b1.75 to 2.60%		—
Independent School Dist—			
Series A of 1949—			
1¾s 1963-66 J-D	b1.75 to 2.50%		—
1½s 1967-69 J-D	b1.90 to 2.90%		—
El Paso—			
Impt 2½s 1963-68 J-D	b1.80 to 2.35%		—
2¾s 1969-74 J-D	b2.45 to 3.05%		—
Fort Worth—			
3¾s Nov 1 1963-1967 M-N	b1.60 to 2.40%		—
3s 1963-73	b1.70 to 2.75%		—
2½s 1963-1972 M-N	b1.70 to 2.90%		—
2¼s 1963-71 A-O	b1.70 to 2.90%		—
Galveston 1s 1963-64 F-A	b2.30 to 2.70%		—
Harris County—			
2¾s Road 1963-68 M-S	b1.60 to 2.40%		—
1.70s 1963-75 F-A	b1.10 to 3.30%		—
Flood Control District			
1¾s 1963-65 F-A	b1.60 to 2.10%		—
Houston—			
2¼s 1963-1976 M-N	b1.60 to 3.50%		—
2s 1963-1976 M-N	b1.75 to 3.60%		—
1¾s April 1 1963-71	b1.60 to 3.40%		—
1s 1963-65 F-A	b2.10 to 2.60%		—
1s April 1 1963-71	b1.80 to 3.70%		—
Various Imp Purposes—			
2¾s 1963-1968 J-D	b1.75 to 2.40%		—
2¾s 1963-1969 J-D	b1.60 to 2.60%		—
Houston (Ind Sch Dist)—			
2¾s 1963-74 J10-J	b1.60 to 2.90%		—
2½s 1975-78 J10-J	b3.15 to 3.50%		—
Lower Colorado River Auth—			
Revenue Refunding			
2s 1963-70 M-N	b2.00 to 3.00%		—
San Antonio—			
5½s w w 1963-65 M-N	b1.70 to 2.10%		—
4½s 1963-67 J-J	b1.70 to 2.20%		—
4¼s 1963-68 F-A	b1.70 to 2.30%		—
2¾s 1963-66 M-S	b1.70 to 2.20%		—
2s Nov 1 1963-1966	b1.70 to 2.60%		—
Elec & Gas—			
Rev ref 1¾s 1963-71 F-A	b1.70 to 2.80%		—
Electric & Gas Rev Imp (1962 series)			
5s 1964-1970 F-A	b2.00 to 2.70%		—
2¾s 1971-1974 F-A	b2.75 to 2.95%		—
3s 1975-1979 F-A	b2.90 to 3.20%		—
3.10s 1980-1981 F-A	—	—	3.25
3¼s 1982-1984 F-A	—	—	3.30
Waco 4½s 1963-68 J-J	b1.75 to 2.50%		—
Wichita Falls—			
2¾s Dec 1 1963-74	b1.75 to 3.00%		—

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 1966-1975 A-O	b2.00 to 2.65%		—
2¾s 1976-1978 A-O	b2.70 to Par		—
2.80s 1979-1980 A-O	—	—	par
VERMONT			
State 3s 1963-81 M-S	b1.80 to 2.95%		—
State 2s 1963-66 J-J	b1.80 to 1.90%		—
School Bldg 1½s 1963-74 M-S	b1.75 to 2.80%		—
School Bldg & H'way Const—			
3s 1963-77 J-J	b1.80 to 2.80%		—
3⅛s Aug 15 1963-1979 F-A	b1.80 to 2.80%		—
Various 2.80s 1964-1982 M-S	b1.85 to 2.85%		—
Burlington—			
1½s various 1963-75	b1.80 to 3.10%		—
Rutland—			
2.20s various 1963-75 J-J	b1.80 to 3.05%		—
VIRGINIA			
Toll revenue (series 1949)—			
3s (series 1954) 1994 M-S	98	99½	—
Virginia State Ports Authority			
Port Facilities Bonds—			
3s 1963-1971 J-D	b1.65 to 2.80%		—
3¼s 1972-1975 J-D	b2.85 to 3.05%		—
3½s 1976-1979 J-D	b3.10 to 3.20%		—
3¾s Dec 1 1991	104½	—	—
Alexandria 3s 1963-83 J-D	b1.60 to 3.10%		—
2½s Dec 15 1963-77	b1.60 to 3.25%		—
2¾s 1963-84 M-S	b1.60 to 3.35%		—
Charlottesville—			
Street Imp & Wat Syst—			
1.40s 1963-72 M-N	b1.60 to 3.20%		—
Chesapeake Bay Bridge & Tunnel District—			
4⅞s ser A July 2000	111	113	—
5½s ser B July 1 2000	114	—	—
5¾s series C July 1 2000	107	108½	—
Danville (City of)—			
2s 1964-68 J-J	b1.65 to 2.80%		—
Elizabeth River Tunnel Dist—			
4½s revenue 2000 F-A	109	112	—
Fairfax County—			
Sewer (series A)			
6s 1963-65 J-J	b1.70 to 2.00%		—
4¼s 1966 J-J	—	—	2.10
2¾s 1967-75 J-J	b2.25 to 3.20%		—
2.80s 1976-89 J-J	b3.35 to 3.60%		—
Fredericksburg (City of)—			
2s 1963-1971 J-D	b1.60 to 2.90%		—
Hampton (City of)—			
2¾s 1963-68 J-J	b1.60 to 2.25%		—
3s 1969-78 J-J	b2.35 to 2.90%		—
Lynchburg 1.30s 1963-67 M-S	b1.70 to 3.00%		—
1¼s 1963-76 F-A	b1.70 to 3.40%		—
Newport News—			
2.30s Pub Bldg 1963-68 F-A	b1.60 to 2.25%		—
Norfolk—			
1.70s gen imp 1963-71 F-A	b1.60 to 3.10%		—
2¼s gen imp 1963-67 M-N	b1.60 to 2.25%		—
2.40s water 1963-1967 J-D	b1.60 to 2.15%		—
2¾s gen imp 1963-72 J-D	b1.60 to 2.55%		—
4½s 1963-72	b1.60 to 2.60%		—
Water of 1948 series A—			
2½s Dec 1 1963-77	b1.60 to 3.15%		—
1962 issues			
5s 1963-1972 J-J	b1.60 to 2.55%		—
3¼s 1973-1983 J-J	b2.60 to 3.10%		—
3.40s 1984-1985 J-J	—	—	3.15
Richmond—			
4½s July 1 1964 J-J	—	—	1.50
4¼s July 1 1965 J-J	—	—	1.70
1¾s 1963-68 J-J	b1.40 to 2.25%		—
1½s 1963-71 J-J	b1.40 to 2.80%		—
1¼s 1963-69 J-J	b1.50 to 3.00%		—
Public Improvement—			
2¾s 1963-1971 J-J	b1.40 to 2.30%		—
3s 1972-1982 J-J	b2.40 to 2.85%		—
Richmond-Petersburg—			
Turnpike Authority—			
3.45s Tpke rev 1995 J-J	99	100½	—
4½s Tpke rev 1995 J-J	106	109	—
Roanoke—			
2¾s water 1963-68 A-O	b1.60 to 2.15%		—
Gen obligation—Wat System			
1¼s 1963-75 J-J	b1.70 to 3.60%		—
WASHINGTON			
Motor Vehicle Fuel Tax rev			
Revenue (series B)—			
2¼s Sept 1 1963-69	bPar to 3.50%		—
2½s Sept 1 1970-76	b3.25 to 3.75%		—
Pub Sch & Inst Bldg Const—			
2s May 1 1971 opt 1959	b3.50 less 1¼		—
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	b3.50 less 1		—
1¾s 1966-67 M-S	b3.25 less 1¼		—
1¾s 1968 M-S	b3.70 less 1¼		—
1¾s 1971-72 M-S	b4.00 less 1¼		—
1¾s 1973-75 M-S	b4.10 less 1¼		—
Washington Pub Power Supply System Parkwood Lake			
3⅝s 2012 M-S	98½	100½	—

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	107½	—	—
Wash State Ferry System—			
3¼s revenue Apr 1 1966	100	—	—
Vancouver-Portland Interstate Toll Bridge—			
3⅛s 1963-68 M-N	bPar to 2.90%		—
3.20s 1971 M-N	100	—	—
Chelan County—			
Nash Dist No 1 5s 2013	115¾	116¾	—
Grant County—			
Public Utility Dist No 2			
3⅞s 1956 series Nov 1 2005	105	107	—
4⅞s 1959 series July 1 2009	114½	116½	—
Seattle—			
2¼s 1963-68 J-J	b2.00 to 2.75%		—
1¾s sewer 1963-68 M-S	b2.00 to 3.50%		—
Seattle Light & Power			
2½s 1963-70 J-J	b2.00 to 3.25%		—
2s ref ser LS-5 '63-70 F-A	b2.00 to 3.40%		—
Municipal Lt & Pow Rev—			
2s 1963-67 J-J	b2.00 to 2.75%		—
2¼s 1963-74 F-A	b1.85 to 3.25%		—
2¾s 1970-87 M-S	b2.75 to 3.60%		—
1958 Series—			
6s 1963-67 M-S	b2.25 to 2.85%		—
3¼s 1968-77 M-S	b2.75 to 3.40%		—
3½s 1978-88 M-S	b3.25 to 3.50%		—
Spokane—			
1½s 1963-72 J-J	bPar to 3.60%		—
Spokane Co Sch Dist No 81			
1.30s Sept 1 1967-75	b3.30 to 4.00%		—
Tacoma—Revenues—			
General obligations—			
1¾s July 1 '64 opt '62 M-N	b2.75 less 1		—
Central Library Building—			
1.70s 1963-67 M-N	bPar to 3.40%		—
Tacoma Narrows Toll Bridge—			
3¾s revenue 1978 M-S	100½	—	—
WEST VIRGINIA			
Road Bonds—			
3s 1963-67 J-J	b1.60 to 2.70%		—
1¾s 1963-64 M-S	b1.70 to 2.50%		—
1½s 1963-64 A-O	b1.70 to 2.60%		—
1½s 1963-73 J-D	b1.60 to 3.50%		—
1¼s 1963-68 J-J	b1.70 to 3.40%		—
1s 1963-70 J-J	b1.70 to 3.60%		—
Road Bond series C—			
1½s 1963-64 J-J	b1.60 to 2.50%		—
1¾s 1965-67 J-J	b2.40 to 3.00%		—
Turnpike Revenue (ser A)—			
3¾s Dec 1 1989	63½	67	—
4⅛s Dec 1 1989	69	73	—
Veterans series V—			
1¾s Dec 1 1963-71	b1.80 to 3.30%		—
Charleston—			
2¼s 1963-72 J-D	b1.60 to 3.35%		—
Dunbar Bridge—			
Revenue 4s Feb 1992	f62	72	—
Kanawha (County)—			
1¼s 1963-75 J-J	b1.60 to 3.80%		—
Board of Education			
3¼s 1963-1969 J-D	b1.60 to 2.70%		—
WISCONSIN			
Madison City 1¾s '63-64 M-S	b1.50 to 1.75%		—
3¼s June 1 1963-1980	b1.50 to 2.90%		—
Library & School purposes			
2¼s 1963-1971 J-D	b1.50 to 2.50%		—
2¾s 1972-1976 J-D	b2.60 to 2.75%		—
3s 1977-1982 J-D	b2.75 to 3.00%		—
Metropolitan Sewerage Dist			
2s extension 1963-67 F-A	b1.70 to 2.40%		—
Milwaukee (City of)—			
1¾s 1963-71 J-J	b1.50 to 2.40%		—
1½s school 1963-71 M-N	b1.50 to 2.40%		—
Corporate Purpose			
2¼s 1963-1964 A-O	b1.50 to 1.80%		—
2¾s 1965-1973 A-O	b1.90 to 2.50%		—
Pub improvement ser E			
2½s 1963-1968 M-S	b1.60 to 2.45%		—
2¾s 1969-1974 M-S	b2.50 to 2.75%		—
Milwaukee County—			
Metropolitan Sewerage Area			
2½s 1963-67 F-A	b1.50 to 2.10%		—
Expressway bonds			
3.20s 1963-1981 F-A	b1.50 to 2.85%		—
Housing Auth 3½s Sep 1 '94	98	100	—
Racine street imp & sewer—			
1½s 1963-66 F-A	b1.75 to 2.40%		—
WYOMING			
Casper ref 4½s 1963-64 J-J	b1.85 to 2.00%		—
Cheyenne—			
Waterworks improvement			
6s 1963-1971 A-O	b1.85 to 2.85%		—
3.30s 1972-1976 A-O	b2.95 to 3.10%		—
3.30s 1977-78 opt '76 A-O	—	—	3.15
3.40s 1979-82 opt '76 A-O	b3.20 to 3.25%		—
3½s 1983-87 opt '76 A-O	b3.25 to 3.30%		—
3.60s 1988-91 opt '76 A-O	—	—	3.35
Sheridan (wat) 3½s 1963-65	b2.05 to 2.30%		—

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

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INSURANCE STOCKS

QUOTATIONS FOR ALL SECURITIES ARE AS OF DECEMBER 31, 1962

OVER-THE-COUNTER INSURANCE STOCKS

Stocks—	Par	Bid	Ask
Academy Life Ins (Colo)	30c	3⅝	3⅞
Aetna Casualty & Surety Co	3.50	81	85½
Aetna Life Insurance Co	5	123½	127¾
Agricultural Insurance Co	10	a36	39⅛
All American Life & Casualty	1	23¾	24¾
Allied Security Ins Co (S C)	1	9	9⅞
American Bankers Life Assurance Co of Fla class A	1	24	25½
Amer Equitable Assurance Co	2.50	22⅛	24⅝
American Fidelity & Casualty	5	18	22
$1.25 conv preferred	5	19	23
American Fidelity Life Ins Co	1	11¼	12⅝
American Founders Life (Austin)	*	44	--
American Genl Insur Co Tex	1.50	77½	81½
American Heritage Life Ins Co— (Jacksonville Fla)	1	11¾	12⅞
American Home Assurance com	2.50	37	40¾
$4.64 prior preferred	15	94	--
American Illinois Life Ins	25c	2⅞	3⅛
American Income Life Ins (Ind)	1	8¼	9¼
American Indemnity Co (Galv)	10	36	--
Amer Independent Reinsurance Co	1	n3½	4
American Insurance (Newark)	2½	a31	32⅞
American Life Companies Inc	1	8	8⅞
American Life Ins (Ala)	1	35	37⅝
American Mercury (Wash D C)	1	3¼	4
American Motorist Ins (Chic)	3	22	23½
American National Ins (Galv)	1	13⅞	14¼
American Pioneer Life Ins	2	4⅞	5⅛
American Re-insurance (N Y)	5	55½	88¾
American Surety Co (N Y)	6.25	19	--
Amicable Life (Waco Texas)	10	110	--
Animal Insurance Co of Amer	2	28	30
Appalachian National Life Ins	1	4⅜	4⅞
Argonaut Insurance (Cal)	1	5⅜	5⅞
Aviation Employees Corp	10c	2⅜	2¾
Bankers National Life Insurance	2	60	63
Bankers & Shippers	10	60	62
Beneficial Standard Life (L A)— Class A	1	24¾	26¾
Boston Insurance Co	5	36¾	39⅛
Business Men's Assurance Co of America	4	71	73
Calif Western States Life Ins	2.50	51	52½
Century Life (Ft Worth)	*	37	40
Cherokee Insurance Co (Tenn)	5	16	17½
Citadel Life Ins (N Y)	10	27½	--
Citizens Casualty Co of New York— Class A common	2	13	13¾
Citizens Life Insurance Co of NY	2	23½	26¼
Civil Service Employees	5	38	43⅞
Coastal States Life Insurance	1.25	21	22
Colorado Insurance Service	*	1⅜	1¾
Combined Ins Co of America	1	42¼	43
Commonwealth Life (Louisville)	2	57½	60⅞
Connecticut General Life Ins	5	133	135
Consumers Natl Life Ins (Ind)	1	7	7⅜
Continental American Life Ins (Wilmington Del)	10	62	64
Continental Assurance Co	5	148	152
Continental Casualty Co	5	75½	79½
Cosmopolitan Insurance (Chic)	1	4½	5¼
Craftsman Life Insurance (Boston)	10	12	16
Criterion Insurance (D C)	2	36	37½
Crum & Forster	5	48½	49½
Dallas Title & Guaranty	10	21	--
Denver National Life Ins	25c	⅞	1¼
Eagle Fire (Newark)	1.25	3¼	4¼
Eastern Life Ins Co N Y	1	23	25⅛
Educators Ins of Amer (Cal)	1.50	22	27¼
Employers Casualty (Dallas)	10	38	39
Employer's Group Associates	*	60	62
Employers Nat Life Insur Co	*	40	44
Employers Reinsurance Corp	5	71	77½
Excelsior (N Y)	6	10	--
Farmers New World Life	10	300	--
Farmers Underwriters Assn (L A)	1	53½	55½
Federal Insurance Co. (N J)	4	69	73½
Federal Life & Casualty Co (Battle Creek)	10	a95	98
Fidelity Bankers Life Insurance	1	13	13⅞
Fidelity & Deposit Co of Md	5	60	64⅜
Fidelity Union Life (Dallas)	10	310	330
Financial Corp of Amer (Calif)	1	12½	13½
Firemen's (Washington D C)	20	29½	--
Firemen's Fund (San Fran)	2.50	68	68¾
First Colony Life Insurance	2.25	11	12
First National Life Ins (Ariz)	1	7	7⅞
First United Life Ins (Ind)	1	4⅜	5
Franklin Life Insurance Springfield Ill	4	121½	123
General Life Ins Corp of Wis	45c	4⅛	4½
General Reinsurance	10	200	215
Georgia International Life Insurance Co	2.50	13⅞	15
Germantown Fire	30	130	150
Gibralter Life Ins Co of America (Dallas)	*	10¼	11½
Glens Falls Insurance (Glens Falls N Y)	5	42¼	44⅞
Globe & Republic	5	a27	30⅜
Government Employees Corp	2	27½	28½
Government Employees Insur	4	60½	62
Government Employees Life Ins	1.50	95	99
Great American Ins Co (N Y)	5	61¼	64⅛
Great Amer Reserve Ins (Dallas)	3	60	65
Great National Life (Dallas)	2	26	--
Great Plains Life Ins of Wyo	1	4¾	5¼
Great Southern Life (Houston)	10	127	132
Greatamerica Corp	3	17⅝	17⅞
Guaranty National Ins (Colo)	50c	2⅜	2¾
Guaranty Savings Life Ins (Mobile)	1	7⅛	7⅝
Gulf Insurance (Dallas)	5	43	--
Gulf Life Insurance Co— (Jacksonville Fla)	2.50	47	49½
Hamilton Life Ins Co of N Y	2	27	--
Hanover Insurance Co	10	49¾	50¼
Harbor Insurance Co	5	9¼	10½
Hartford Fire Insurance	5	67½	68½
Hartford Steam Boiler Inspec & Insurance Co	10	109	115¾
Home (New York)	5	60¾	63⅝
Illinois Mid-Continent Life Insurance	50c	8¾	9⅛
Independence Life Insurance Co of America (Calif)	1.50	22	24⅝
Inland Life Ins (Chicago)	50c	9⅛	9⅝
Insurance Co. of Oregon	2.50	14¾	15½
Insurance Co of the South	5	n3	3¾
Intercoast Co Inc	10	9	10½
International Fidelity (Dallas)	*	1¾	2⅜
Interstate Fire & Casualty (Chi)	5	22½	23½
Interstate Life & Accident Ins (Tenn)	1	13⅞	15
Investors Security Life Insurance (Illinois)	17½c	3⅝	4¼
Jefferson Standard Life (Greensboro N C)	5	84	88
Jersey Insurance Co	10	38	41¾
Kansas City Life Ins	100	3,375	3,450
Kennesaw Life & Accident (Ga)	1	9½	10¼
Kentucky Central Life and Accident Insurance Co class A	1	16¼	--
Lamar Life Insur (Jackson Miss)	2	48½	50½
Lawyers Title Insurance Corp (Richmond Va)	5	25¼	26½
Liberty Life Ins (Greenville S C)	2	33	35
Liberty Nat'l Life Ins (Birm)	2	90	94
Life Assurance Co of Penn	5	27½	30⅜
Life & Casualty (Nashville Tenn)	3	41⅞	44⅛
Life Insurance Co of Ala— Class A common $1 par		5¾	6¼
Class A common $5 par		26	28
Life Insurance Co of Fla	1	--	4⅜
Life Insurance Co of Georgia	10	129	133¾
Life Insurance Co of Virginia	10	128	134¾
Lincoln American Life Ins (Memphis)	1	4	4½
Lincoln Income Life Ins Co (Ky)	1	19½	20
Lincoln Liberty Life Insur Co	1	12¾	13⅞
Lincoln Natl Life (Fort Wayne)	5	158	162
Loyal American Life Ins (Mobile Ala)	1	4	4⅝
Maryland Casualty Co	1	51	53⅜
Massachusetts General Life Insurance Co	3	12⅛	12⅜
Massachusetts Indemnity & Life Insurance Co	5	51½	55¾
Mercantile Security Life (Dallas)	10	26	27½
Merchants Fire Assurance Corp of New York	5	a54	--
Mercury Casualty Co (Cal)	2	3½	4¼
Michigan Life Insurance	50	600	--
Midwestern United Life Ins Co	1	71	76½
Mission Equities Corp (Calif)	*	7¼	8⅛
Monumental Life Ins (Balt)	10	84	89½
Mtge Guaranty Ins Corp (Milw)	1	28¼	29
Mutual Savings Life Ins (Ala)	1	10¼	11¼
National Casualty (Detroit)	10	50	65
National Fire (Hartford)	10	115	127¾
National Life Accident Insurance (Nashville)	5	89½	90½
National Old Line Life Ins— Class AA common	1	21⅞	23¼
Class BB common	1	22	22¾
National Union Fire (Pittsburgh)	5	43½	48⅜
National Western Life Ins	1	9⅛	9⅝
Nationwide Corp class A	2.50	17½	18
New Hampshire Insurance Co	5	31¾	34¼
New York Fire Insurance	5	40	42¾
North American Life (Chic)	2	29¼	31⅜
Northeastern (Hartford)	3.33⅓	16½	19⅜
North River Insurance (N Y)	2½	42	44⅞
Northern Insurance Co (N Y)	12½	41¼	43⅞
Northwestern Nat'l Ins (Milw)	5	32	33½
Northwestern National Life (Minneapolis Minn)	10	227	235
Occidental Life Ins Co of N C	1	9¼	--
Ohio Casualty Insurance	1.25	24	25
Ohio State Life (Columbus Ohio)	2	63	65
Old Line Life Ins Co of America	2	45½	47
Old Republic Insurance (Pa)	5	16	17
Old Republic Life Ins (Chic)	1.50	25½	26½
Pacific Employers Ins (L A)	5	27	30⅜
Pacific Indemnity Co	3.33⅓	30½	32¾
Pacific Insurance Co of N Y	10	61	64⅜
Pacific Mutual Life Ins of Calif	1	6	7
Pacific National Life Assurance Co (Calif)	100	27¾	30⅛
Pacific Southwest Life Ins	50c	9¼	10½
Peerless Insurance Co	5	48¾	51⅝
Peninsular Life Ins (Fla)	5	28	--
Peoples Life Ins (Wash D C)	5	59	61
Philadelphia Life Insurance	5	91	95½
Phoenix Insurance (Hartford)	10	109	113¾
Pioneer American Life Ins (Tex)	1	19	21
Pioneer Home Owners Life Ins	1	10	10¾
Postal Life Insurance	2	a58½	60
Professional & Business Men's Insurance (Denver)	1	5¾	6⅜
Protective Life Ins (Birm Ala)	5	66½	68½
Protective Security Life Ins (Cal)	1	3	3¾
Providence-Washington (Prov)	10	31½	32
$2 convertible preferred	10	47	--
Provident Life & Accid't (Tenn)	10	83	86
Public Savings Insurance (S C)	1	4¼	5½
Pyramid Life	1	5½	6⅜
Quaker City Life Ins Co	5	78	79½
Reinsurance Corp (New York)	2	24	27¼
Renewal Guaranty Corp	1	3½	3⅞
Republic Franklin Life Insurance— Class A	1	6¾	7¼
Republic Insurance (Dallas)	5	32	34
Republic Natl Life Ins (Dallas)	2	71	80
Reserve Insurance Co (Ill)	3.50	14	14¾
Richmond Life Ins Co Inc	2½	10½	11½
Rio Grande Natl Life (Dallas)	10	70	--
St Paul Fire & Marine Ins Co	6.25	57	60⅜
Seaboard Life Insurance Co of America (Florida)	1	8	8¾
Seaboard Surety Corp (N Y)	5	44	47⅜
Secured Insurance Co (Ind)	10	16½	19
Security Insurance Co of N H	10	63	67½
Security Life Accident (Colo)— Class A	4	89	93
Security Life & Trust (Winston-Salem N C)	5	81	--
Security Title & Guar Co (N Y)	5	7¼	7¾
Southern Equitable Life Ins (Ark)— Class A common	10c	3⅛	3⅜
Class B common	10c	2¼	2½
Southern Fire & Casualty Co	*	5¼	5¾
$1.50 conv preferred	25	24	--
Southland Life Ins (Dallas)	5	117	120
Southwest Indemnity & Life Ins	2	7½	8⅝
Southwestern Insurance Co	1	1½	1¾
Southwestern Life Ins (Dallas)	5	125	127
Springfield Insurance Co Common	2	46½	49½
$6.50 preferred	10	102	107½
Standard Security Life Insurance Co of N Y	2	9⅜	10¼
Standard Union Life Ins (Montgomery Ala)	1	2¼	2½
State Life of Colo	1	2⅛	2⅜
Stuyvesant Insurance Co	5	45	--
Stuyvesant Life Ins Co (Pa)	10	200	--
Sunset Life Ins (Wash)	10	75	--
Surety Life Ins (Utah)	10	15¼	16¾
Telephone Employees Life Ins	10	32	34
Title Guaranty Co (N Y)	8	21	23
Title Insur & Trust (Los Ang)	2.50	55	58¾
Travelers Insurance Co	5	160½	166½
Trinity Universal Life (Dallas)	5	32	34
Union Bankers Ins (Texas)	1	10¾	12
Union Trust Life Ins (Minn)	1	10½	11¾
United American Life Ins (Denver)	1	27	28
United Family Life Ins Co	50c	5¼	5¾
United Fidelity Life (Dallas)	10	80	--
United Insur Co of America	2.50	65	68½
United Security Life Ins (Ala)	1	23¼	24⅞
U S Fidelity & Guarantee (Balt)	5	61¼	64⅜
United States Fire Ins Co	3	32	34½
U S Life Insurance Co in the City of New York	2	76¼	79¾
Universal Life & Accident (Dallas Texas)	10	25	27¼
Variable Annuity Life Ins Co of America	1	7⅞	8⅛
Volunteer State Life Insurance (Chattanooga Tenn)	10	91	--
Vulcan Life & Accident Ins— (Birmingham Ala)	2.50	n21½	22½
Washington Life Ins (N O)	1½	n6	--
Washington Nat'l Insurance (Ill)	10	76	78
West Coast Life Insur (San Fran)	5	44	--
Westchester Fire (New York)	2	35	38⅛
Western Casualty & Surety	5	50¾	51½
Western Insurance Sec common	*	185	--
Partic pref A	*	56	--
Western Pacific Ins (Wash)	10	18	--
Wilshire Insurance (Calif)	2	4½	5¼
Wisconsin National Life Ins	10	54	57
Wolverine Insurance Co (Battle Creek) class A	10	a47	52

*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

MIDDENDORF, COLGATE & CO.

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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 DECEMBER 31, 1962

ALABAMA

	Par	Bid	Ask
Birmingham—			
Birmingham Trust Natl Bank	10	41	44
Exchange-Security Bank	1	6⅛	6¾
First National Bank	10	58½	60½
Mobile—			
American National Bank & Trust	10	27	--
First National Bank	25	125	--
Merchants National Bank	10	52½	--
Montgomery—			
Alabama National Bank	10	74	78
First National Bank	5	32¼	34½
Peoples Bank & Trust Co	1	6⅜	6⅞
Union Bank & Trust Co	5	62	--

ARIZONA

Phoenix—			
The Arizona Bank	5	26	28¼
Valley National Bank of Arizona	5	54	57¾

ARKANSAS

Little Rock—			
Amer Natl Bank No Little Rock	20	60	64
Commercial National Bank	20	62	65
First National Bank (The)	25	45	47½
Union National Bank	20	72	76
Pine Bluff—			
National Bank of Commerce	10	38	39½

CALIFORNIA

Beverly Hills—			
City Natl Bank of Beverly Hills	5	21½	26¾
Los Angeles—			
Citizens National Bank	10	62	66
Peoples Bank	12	71	74½
Security-First National Bank	12½	21½	24⅝
Union Bank	7.50	73¾	77¼
Wilshire National Bank	7.50	26½	29⅞
Hawthorne—			
Pacific State Bank	3	22	23⅝
Mar Vista—			
Fidelity Bank	40	27	30⅜
Oakland—			
Central Valley National Bank	10	33½	34½
Oakland Bank of Commerce	50	265	--
Pacoima—			
San Fernando Valley Bank	3.50	13½	15⅛
San Bernardino			
American National Bank of San. Bernardino	5	58	--
San Diego—			
First Natl Trust & Savings Bank	5	33½	36⅛
San Diego Trust & Sav Bank	25	120	--
U S National Bank	10	44	48
Santa Monica—			
Santa Monica Bank	3	21½	23⅝
San Francisco—			
Bk of Amer Natl Tr & Sav Assn	6¼	55⅞	56¼
Bank of California N A	10	55	56
Bank of Trade	10	20	22
Century Bank	15	12½	13⅞
Continental Bank	15	25	26
Crocker-Anglo National Bank	10	50⅜	50⅞
First Westn Bank & Trust Co	12.50	55½	57
Golden Gate National Bank	5	18½	20½
Hibernia Bank (The)	25	77	--
Pacific National Bank	10	46½	47¼
United California Bank	12½	50	50¾
Wells Fargo Bank—			
American Trust Co	10	65	66
San Jose—			
First National Bank	5	41	43⅞

CANADA

Prices are in Canadian Dollars

NOVA SCOTIA

Halifax—			
Bank of Nova Scotia	10	73⅞	74½

ONTARIO

Toronto—			
Canadian Imperial Bank of Commerce	10	64½	64⅝
National Trust Co	2	20	22
Toronto Dominion Bank	10	63	63½

QUEBEC

Bank of Montreal	10	65⅞	66
Banque Canadienne	10	73⅛	74½
Provincial Bank of Canada	10	49½	50
Royal Bank of Canada	10	76⅜	76¾

COLORADO

Denver—			
Central Bank & Trust	10	21½	22½
Colorado National Bank	25	76	80
Denver U S National Bank	10	35½	37
First National Bank	50	235	260

CONNECTICUT

Bridgeport—			
City Trust Co	10	50	52
Connecticut National Bank	5	16⅞	17⅜
Glastonbury—			
Glastonbury Bank & Trust Co	10	115	--
Greenwich—			
Putnam Trust Co	10	51	--
Hartford—			
Connecticut Bank & Trust Co	12½	65	66½
Glastonbury Bank & Trust	10	115	--
Hartford National Bk & Tr Co	10	57	58½
Riverside Trust Co	10	53	56
Simsbury Bank & Trust Co	10	95	--
South End Bank & Trust Co	10	31	33
Meriden—			
Home National Bank & Trust Co	10	35	--
Meriden Trust & Safe Dep Co	25	58	--
Puritan Bank & Trust Co	25	58	--
New Haven—			
American Bank & Trust Co	10	a54¾	--
First New Haven National Bank	10	31¾	33¾
General Bank & Trust Co	12.50	37	--
Second National Bank	12½	47	49½
Trademen's National Bank	10	54	--
Union & New Haven Trust Co	10	40	42
New London—			
Union Bank & Trust Co	100	120	--
Winthrop Bank & Trust Co	25	40	--
Stamford—			
Fairfield County Trust Co	10	47	49
Stamford Fidelity Bk & Tr Co	10	50	--
State National Bank of Conn	10	32½	34½
Waterbury—			
Colonial Bank & Trust Co	10	57	61
Connecticut Natl Bk of Bridgeport	5	16⅞	17⅛
Waterbury National Bank	12½	39	41

DELAWARE

Wilmington—			
Bank of Delaware	10	33½	35½
Colonial Trust Co—			
Name changed to Colonial National Bank	10	31	--
Commercial Trust Co	10	17	--
Delaware Trust Co	5	60	--
Farmers Bank	5	95	105
Peoples Bank & Trust Co	25	93	--
Wilmington Trust Co	6.25	69	72½

DISTRICT OF COLUMBIA

Washington—			
American Security & Trust Co	10	107	110
Bank of Commerce	100	400	--
Industrial Bank	10	30	--
International Bank	1	3¾	4⅛
National Bank of Washington	10	--	60
National Savings & Trust Co	10	70	90
Riggs National Bank	25	160	165
Security Bank	25	120	130
Union Trust Co	10	47	--

FLORIDA

Jacksonville—			
American National Bank	10	47	50
Atlantic National Bank	10	65½	68
Barnett Natl Bk of Jacksonville	20	59	61½
Florida National Bank	25	36½	38½
Miami—			
First National Bank	10	82	85
Florida National Bank & Tr Co	25	61	64
Little River Bank & Trust Co	10	38	41
Merchants Bank of Miami	10	22	23¾
Metropolitan Bank of Miami	10	15¼	16¼
Miami Beach First Natl Bank	10	63	--
Orlando—			
Citizens National Bank	10	53	56
First National Bank at Orlando	10	95	100
Palm Beach—			
First National Bank	10	*73	--
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	y40	45

GEORGIA

Atlanta—			
Bank of Georgia (The)	10	43	--
Citizens & Southern Natl Bank	10	82	83
First National Bank	10	53¼	54¼
Fulton National Bank	10	50½	53
Georgia Savings Bank & Tr Co	100	325	--
Peoples Bank (The)	10	32	--
Trust Co of Georgia	10	146	152
Augusta—			
First Natl Bank & Trust Co	10	*45.31	--
Savannah—			
Citizens & Southern Natl Bank	10	82	84
Liberty National Bank & Trust	10	36	--
Savannah Bank & Trust	10	44	46½

HAWAII

Bank of Hawaii	8	44¾	45½
First National Bank of Hawaii	10	55	56
Hawaiian Trust Co	20	42	--

IDAHO

Boise—			
Idaho First National Bank	10	50½	53

ILLINOIS

Aurora—			
Aurora National Bank	25	90	--
Chicago Banks—			
Aetna State Bank	12½	20	--
American National Bk & Tr	100	520	540
Avenue St Bank Oak Park	40	110	--
Bank of Chicago (The)	15	30	--
Belmont Natl Bank of Chicago	10	43	--
Beverly Bank	25	75	85
Central National Bank	10	36	38
Chatham Bank of Chicago	100	225	325
Citizens National Bank	2	45	--
Commercial National Bank	20	40	--
Cont Ill Natl Bank & Trust	33⅓	143	145
Cosmopolitan National Bank	100	185	--
Devon-North Town State Bank	20	66	74
District National Bank	10	35	--
Drexel National Bank	40	155	--
Drovers National Bank	10	28½	--
Exchange National Bank	10	46	49
First Commercial Bank	20	58	--
First National Bank (Chicago)	20	82½	84
First National Bank of Lincolnwood	10	14	17
First Security Trust & Sav	13⅓	14	--
Guaranty Bank & Trust Co	20	28	32
Irving State Bank	10	28	32
Jefferson State Bank	25	48	--
Lake Shore National Bank	10	40	44
La Salle National Bank new	25	44	46
Lawndale National Bank	10	60	--
Lincoln National Bank	25	70	--
Live Stock National Bank	20	105	--
Madison Bank & Trust Co	10	31	36
Main State Bank	10	35	--
Manufacturers National Bank	20	54	--
Marquette National Bank	20	45	--
Merchandise National Bank	10	30	35
Mercantile National Bank	20	44	48
Metropolitan State Bank	100	225	--
Michigan Avenue Natl Bank	20	56	60
Mid-America National Bank	40	110	--
Mid-City National Bank	100	245	265
Mutual National Bank of Chicago	1	35	--
National Bank of Albany Pk	12½	35	40
National Bank of Austin	50	84	--
National Bank of Commerce	20	55	--
National Bank of Hyde Park	20	55	--
National Boulevard Bank	20	100	--
Natl Security Bank of Chicago	25	72	76
North Shore National Bank	10	43	47
Northwest National Bank	20	74	--
Oak Park Trust & Savings Bk	50	105	--
Park National Bank	10	20	--
Peoples National Bank	10	22	26
Pioneer Trust & Savings Bank	25	85	100
Sears Bank & Trust Co	25	85	95
South Chicago Savings Bank	62½	190	--
South East National Bank	10	38	42
South Shore National Bank	10	30	--
State Bank of Clearing	100	180	--
Steel City National Bank	10	23	--
Univ National Bank of Chicago	100	700	--
Upper Avenue National Bank	50	115	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	115	--
Colonial Bank & Trust Co	10	30	--
Harris Trust & Savings Bank	20	90	95
Lake View Trust & Savings Bank	20	140	150
Northern Trust Co	20	137	142
South Side Bank & Trust Co	10	10	--
Peoria—			
Commercial National Bank	20	49	--
First National Bank	20	62	--
Jefferson Trust & Savings Bank	25	62½	--
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 Co	100	275	--
First Natl Bank & Trust	40	87½	--
Springfield—			
First National Bank	20	75	--
Illinois National Bank	10	33	--
Springfield Marine Bank	25	85	--

INDIANA

Evansville—			
Citizens National Bank	12.50	42	43
Lamasco Bank	10	16	17
National City Bank	10	26	27
Old National Bank	10	40	42
Gary—			
Bank of Indiana	10	50	55
Gary National Bank	10	500	--
Indianapolis—			
Amer Fletcher Natl Bk & Tr Co	10	51½	54½
Indiana National Bank	20	85	91
Live Stock Exchange Bank	10	36	--
Merchants Natl Bank & Trust	10	60½	--

*Sale price. a See comprehensive footnotes below. d Ex-rights. t New stock. x Ex-dividend. y 50% stock dividend paid in July.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF DECEMBER 31, 1962

	Par	Bid	Ask
South Bend—			
American Bank	10	22	23
First Bank & Trust Co	10	37	39
National Bank & Trust Co	10	29	31
St Joseph Bank & Trust Co	20	57	60
Terre Haute—			
Merchants National Bank	25	50	--
Terre Haute First Natl Bank	20	70	--

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	90	95
Capitol City State Bank	100	175	--
Central National Bank & Tr Co	50	375	400
Valley Bank & Trust Co	100	175	--

KANSAS

	Par	Bid	Ask
Topeka—			
Fidelity State Bank	100	375	--
First National Bank of Topeka	10	69	74
Merchants National Bank	25	100	--
State Savings Bank	100	150	--
Topeka State Bank	25	65	--
Wichita—			
First National Bank	100	350	--
Fourth National Bank	10	49	52
Union National Bank	10	34	36

KENTUCKY

	Par	Bid	Ask
Covington—			
Citizens National Bank	100	200	--
Covington Trust & Banking Co	10	22	--
First National Bk & Trust Co	10	37	40
Peoples-Liberty Bank & Trust	10	20	--
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—			
Citizens Fidelity Bank & Trust	10	47	48
First National Bank	No par	116	--
Liberty National Bank & Trust	25	74	--
Louisville Trust Co	10	29	--
Royal Bank & Trust Co	10	60	--
Stock Yards Bank	20	75	--
Newport—			
Newport National Bank	10	36	40

LOUISIANA

	Par	Bid	Ask
Jefferson Parrish—			
First National Bank	1	64	69½
National Bank of Commerce	10	29	29½
New Orleans—			
Bank of La in New Orleans	10	16	18
Bank of New Orleans & Trust Co	12.50	31	--
Hibernia National Bank	10	51	53
Natl Amer Bank of New Orleans	10	45¼	47¼
National Bank of Commerce	10	39¼	41
Whitney Holding Co	*	43	44¼
Shreveport—			
Commercial National Bank	25	70	--
First National Bank	12½	65	--

MAINE

	Par	Bid	Ask
Augusta—			
First National Granite Bank	20	51	54½
Depositors Trust Co	12.50	49	51¼
Bangor—			
Eastern Trust & Banking Co	100	320	--
Merchants' National Bank	100	140	--
Merrill Trust Co (The)	40	210	230
Lewiston—			
First-Manufactures National Bank of Lewiston & Auburn	12.50	40	--
Portland—			
Canal National Bank	10	34½	36½
Casco Bank & Trust Co	12½	34½	36½
First National Bank	25	68	72
Waterville—			
Federal Trust Co	25	58	62
Westbrook—			
Westbrook Trust Co	25	46	48

MARYLAND

	Par	Bid	Ask
Baltimore—			
Canton National Bank	100	225	--
Carrolton Bank of Baltimore	10	35	--
Equitable Trust Co	10	117	--
First National Bank of Md	10	53	55
Maryland National Bank	10	75	77
Mercantile Safe Deposit & Tr Co	10	75	77
Union Trust Co	10	64	68
Bethesda—			
Bank of Bethesda	25	101	--
Cumberland—			
First National Bank & Trust Co	20	a38	--
Liberty Trust Co	10	29	--
Second National Bank	25	a49	--
Frederick—			
Farm & Mechanics-Citz Natl Bk	10	38½	--
Frederick Co National Bank	10	29	--
Fredericktown Savings & Trust	20	54	--
Western Maryland Trust	10	42	--
Hagerstown—			
Farmers & Merchants Bank	10	25	--
Hagerstown Trust Co	10	18	--
Nicodemus National Bank	10	33	--
Second National Bank	10	47	--

MASSACHUSETTS

	Par	Bid	Ask
Boston—			
Boston Safe Deposit & Trust	25	140	--
City Bank & Trust Co	5	35	38
First National Bank	12.50	83	87
National Shawmut Bank	12½	65½	68½
New England Merchants National Bank	10	54	58
State Street Bank & Trust Co	10	38	41
United States Trust Co	10	41	--
Beverly—			
Beverly National Bank	25	50	--
Beverly Trust Co	10	35	--
Brockton—			
Home National Bank	50	a205	--
Natl Bank of Plymouth County	10	30	--
Cambridge—			
Cambridge Trust Co	25	125	--
Harvard Trust Co	10	77	--
Everett—			
Everett National Bank	10	29	--
Middlesex Co National Bank	10	50	--
Fall River—			
Durfee (B M C) Trust Co	25	110	--
Fall River National Bank	25	75	--
Fall River Trust	100	220	--
Fitchburg—			
Safety Fund National Bank	50	170	--
Gloucester—			
Cape Ann Bank & Trust Co	20	60	--
Gloucester National Bank	10	28	--
Haverhill—			
Haverhill National Bank	100	1350	--
Merrimack Valley National Bank	20	44	--
Holyoke—			
Holyoke National Bank	10	25	--
Park National Bank	50	80	--
Lawrence—			
Bay State Merchants National	12½	32	35
Lowell—			
Union National Bk of Lowell	12½	68	73
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	44	48
New Bedford—			
First Safe Deposit National Bk	5	20	--
Merchants National Bank	10	40	--
Salem—			
Merchants-Warren Natl Bank	10	35	--
Naumkeag Trust Co—			
Common	10	75	--
Preferred	10	10	--
Springfield—			
Safe Deposit & Trust Co	10	31	34
Security National Bank	10	46	--
Third Natl Bank of Hampden Co	10	62	--
Valley Bank & Trust	10	38	--
Taunton—			
Bristol County Trust	25	100	--
First Machinists' National Bank	10	27	29½
Worcester—			
Mechanics National Bank	100	625	--
Guaranty Bank & Trust Co	10	35½	--
Industrial City Bank & Bkg Co	10	45	--
Worcester County Natl Bank	10	48	52

MICHIGAN

	Par	Bid	Ask
Bay City—			
Bay City Bank	20	36	--
Peoples Natl Bank & Trust Co	10	30½	--
Dearborn—			
Bank of Dearborn	10	28⅝	30
Detroit—			
Bank of the Commonwealth	16⅔	46	48
City National Bank of Detroit	10	36	38
Detroit Bank & Trust Co	10	54½	55½
Manufacturers National Bank	10	53½	54¼
National Bank of Detroit	12½	62¼	63
Public Bank	25	12¾	13¾
Flint—			
Citizens Commercial & Savings Bank	20	67	69
Genesee Merchants Bk & Trust	10	60	62
Grand Rapids—			
Central Bank	10	53	57
Citizens Industrial Bank	100	340	--
Old Kent Bank & Trust Co	10	49½	52
Union Bank & Trust Co	10	52	54
Lansing—			
Michigan National Bank	10	37½	39½
Montrose—			
Montrose State Bank	20	48	50
Saginaw—			
Second National Bank	25	68½	71½

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	93	95
First National Bank	10	96	98
Vicksburg—			
First National Bank & Trust	8	25	--

MISSOURI

	Par	Bid	Ask
Kansas City—			
Baltimore Bank	100	245	--
Blue Hills Bank of Commerce	20	45	--
Central Bank	20	30	--
City National Bank & Trust Co	25	67	79
Columbia National Bank	100	a210	--
Commerce Trust Co	20	57½	60½
Community State Bank	20	40	--
First National Bank	25	104	114
Grand Avenue Bank	20	72	--
Kansas City Bank & Trust Co	25	74	--
Linwood State Bank	20	30	--
Livestock National Bank	10	19	--
Manufacturers & Merchants Bk	20	60	--
Merchants-Produce Bank	20	42	--
Mercantile Bank & Trust	25	55	--
Missouri Bank & Trust Co	100	175	--
National Bank in North KC	20	59	--
Park National Bank	100	200	--
Peoples Bank	100	140	--
Plaza Bank of Commerce	20	53	--
Southeast State Bank	100	200	--
South Side Bank	100	250	--
Traders National Bank	25	56	62
Union National Bank	10	29	34
University Bank	20	50	--
Westport Bank	100	250	--
St Joseph—			
First National Bank	100	250	--
St. Louis Banks—			
American National Bank	20	45	--
Baden Bark	20	45	--
Big Bend Bank	25	49	--
Boatmen's National Bank	20	74	--
Bremen Bank & Trust Co	20	65	--
Cass Bank & Trust Co	20	95	--
Clayton Bankshares Corp	1	4½	4¾
Crestwood Bank	20	30	--
Crestwood Bank Shares Holding Co	1	12	--
First National Bank	10	39½	40½
Hampton Bank	10	18	--
Jefferson Bank & Trust Co	20	45	--
Jefferson-Gravois Bank	30	40	--
Manchester Bank	10	35	37
Manufacturers Bank & Trust Co	20	73	75
Northwestern Bank & Trust Co	20	50	--
St Louis Co National Bank	20	40	43
Security Trust Co	10	35½	37½
Southern Commercial & Sav Bk	20	58	--
South Side National Bank	20	79	--
Southwest Bank	10	25	--
Tower Grove Bank & Trust	20	70	--
St Louis Trust Cos—			
Chippewa Trust Co—			
New common (split 2 for 1 plus 80% stock dividend)		t33	--
Lindell Trust Co	10	33	--
Mercantile Trust Co	12.50	43	45
Mound City Trust Co	10	19¾	20¾
North St Louis Trust Co	20	85	--
St Louis Union Trust Co	10	68½	70½

NEBRASKA

	Par	Bid	Ask
Lincoln—			
First National Bank & Trust Co	20	79	--
National Bank of Commerce & Savings Association	20	60	--
Omaha—			
First National Bank	5	35	--
Omaha National Bank—			
Split two-for-one plus 25% stock dividend		35	--

NEW HAMPSHIRE

	Par	Bid	Ask
Manchester—			
Amoskeag National Bank	100	1,200	--
Nashua—			
Indian Head National Bank	25	110	--
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-33⅓% stock dividend. z Ex-10% stock dividend.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF DECEMBER 31, 1962

Par	Bid	Ask
NEW JERSEY		
Asbury Park—		
Asbury Park & Ocean Grove Bk—5	28	31
First Merchants National Bank—2.50	9	9¾
Atlantic City—		
Boardwalk National Bank—25	52	56
Guarantee Bank & Trust—1	6½	7½
Bayonne—		
Broadway National Bank—50	160	—
Bridgeton—		
Bridgeton National Bank—100	132	—
Cumberland National Bank—100	240	—
Farmers & Merch Nat'l Bank—20	36	—
Camden—		
Camden Trust Co—5	39½	40½
First Camden Natl Bk & Tr Co—6¼	43	44
Merchantville Natl Bk & Trust—5	34	—
Elizabeth—		
Central Home Trust Co—20	79	84
Elizabethport Banking Co—20	72	78
National State Bank—10	35	37
Union County Trust Co—10	39	42
Freehold—		
Central Jersey Bank & Trust Co—1	22	24
Hackensack—		
Bergen County National Bank—25	160	—
Peoples Tr Co of Bergen County—5	30	32
Haddonfield—		
Haddonfield National Bank—5	29½	32
Jersey City—		
Commercial Trust Co—10	49	52
First National Bank—10	40	43
Hudson County National Bank—10	31	34
Trust Company of New Jersey—2½	9¾	10¾
Maplewood—		
Maplewood Bank & Trust—20	190	205
Morristown—		
First National Iron Bank—10	35	—
Trust Co of Morris County—20	61	64
Mt Holly—		
Union Natl Bank & Trust—10	31	—
Newark—		
Bank of Commerce—25	44	47
Broad National Bank—30	45	50
Fidelity Union Trust Co—5	52	55
Nat'l Newark & Essex Banking—10	36½	38½
National State Bank—6.25	40	43
New Brunswick—		
National Bank of N J—10	46	—
New Brunswick Trust Co—		
Common—10	14	—
3% class A preferred—10	10	—
Peoples National Bank—25	66	—
Passaic—		
Bank of Passaic & Clifton—10	54	58
Paterson—		
Broadway Bank & Trust—6½	31	—
First National Bank of Passaic County—25	92	94
Franklin Bank—10	33	35
New Jersey Bank & Trust Co—11	40½	43
Peoples Bank of Hawthorne—10	15	17
Prospect Park National Bank—25	170	—
Plainfield—		
Plainfield Trust State Natl Bk—5	23	24½
Point Pleasant—		
Ocean County National Bank—50	280	—
Rahway—		
State Bank of Rahway—12½	25	—
Red Bank—		
Monmouth County National Bk—1	6½	7¼
Rutherford—		
National Community Bank of Rutherford—12.50	38½	40
Toms River—		
First National Bank—5	30¼	32
Trenton—		
Broad Street National Bank—20	82	—
First Trenton National Bank—10	46	48
Security National Bank—25	60	—
Trenton Trust Co—5	78	—
Union City—		
Hudson Trust Co—8	20	22
NEW MEXICO		
Albuquerque—		
First National Bank—12.50	42	44
NEW YORK		
Albany—		
First Trust Co—10	80	90
Mechanics & Farmers Bank—10	52	—
Natl Commercial Bk & Tr Co—7½	48	50
State Bank of Albany—10	78	82
Auburn—		
National Bank of Auburn—50	150	—
Brooklyn—		
See King's and Queens County—		
Buffalo—		
Bank of Buffalo—10	28	32
Liberty Bank and Trust Co—10	38	42
Lincoln National Bank—5	14	—
Manufacturers & Traders Tr Co—5	27¾	29¾
Cohoes—		
National Bank of Cohoes—100	350	—
Elmira—		
Chemung Canal Trust Co—5	27	—
Ithaca—		
Tompkins County Trust Co—10	54	—
Jamestown—		
Bank of Jamestown—10	32	—
First National Bank—5	55	—
King's and Queens County—		
Bensonhurst National Bank—5	25	29
Central State Bank—5	29	31
King's County Trust Co—10	58	60
Lafayette National Bank—10	48	50
National Bank of Far Rockaway—100	80	—
United Industrial Bank—100	350	—
United Natl Bank of Long Island—10	70	—
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	a1,000	—
Bank of Westbury Trust—12.50	48	52
Community Bank (Lynbrook)—20½	36	39
County National Bank (Mineola)—10	19	22
First Natl Bank (Farmingdale)—100	a500	—
First National Bank (Glen Head)—5	46	48
Franklin National Bank of Long Island—		
Common—5	51	52
4.60% preferred—100	101	102
Hempstead Bank—5	28½	30
Long Island Natl Bk (Hicksville)—5	25½	27
Long Island Tr Co (Garden City)—5	29	30
Matinecock Bank (Locust Valley)—5	48	52
Meadow Brook National Bank—5	26½	27¼
Nassau Trust Co. (Glen Cove)—5	44	48
Oceanside Natl Bk (Oceanside)—100	400	—
Peninsula Natl Bk (Cedarhurst)—6.25	35	37
Second National Bank & Trust (Hempstead)—10	48	52
Valley Natl Bank of Long Island—5	30½	32½
Long Island (Suffolk County)—		
Bank of Babylon—5	40	43
Bank of Smithtown—10	79	82
Bk of Suffolk Co (Stony Brook)—10	60	65
Bridgehampton National Bank—10	50	53
Eastern National Bank of Long Island (Smithtown)—10	25	27
First National Bank (Bay Shore)—10	70	75
First National Bank (East Islip)—5	25	—
First Natl Bank (Southampton)—10	110	—
Hampton Bays National Bank—100	450	—
Natl Bank of Lake Ronkonkoma—20	60	—
North Fork Bk & Tr (Mattituck)—10	70	—
Oysterman's Bank & Tr (Sayville)—5	34	—
Patchogue Bank (Patchogue)—5	45	50
Peoples Natl Bank (Patchogue)—5	60	65
Seaside Bk (Westhampton Beach)—20	65	—
Security Natl Bank of Long Island (Huntington)—5	30½	31½
Suffolk Co Natl Bk (Riverhead)—10	53	—
Tinker Natl Bk (East Setauket)—10	110	120
Newburgh—		
Highland National Bank—25	*61	—
New York City Banks—		
Bank of Commerce—10	48½	—
Bank of New York (The)—100	362	367
Chase Manhattan Bank—12½	80	80½
Chemical Bank New York Tr Co—12	83¾	84¼
Commercial Bank of No America—5	32	33½
First National City Bank—20	94¼	94¾
Gotham Bank of N Y—10	a67	73
Grace National Bank—100	450	—
Merchant's Bank of N Y—6.25	48½	50½
Royal National Bank—5	28¼	29¼
Sterling National Bank & Trust—15	65	67
New York City Trust Cos—		
American Trust Co—10	29	—
Bankers Trust Co—10	56¼	56¾
Empire Trust Co—50	280	285
Federation Bank & Trust Co—10	35	35¾
Fiduciary Trust Co—10	50	53
Irving Trust Co—10	46	46½
Manufacturers Hanover Trust Co—15	54	54½
Morgan Guaranty Trust Co—25	130	131
Trade Bank & Trust Co—10	30	—
Underwriters Trust Co—40	120	140
U S Trust Co of New York—20	132	137
Rochester—		
Central Trust Co—20	73	76
Lincoln Rochester Trust Co—20	78	82
Security Trust Co—25	68	72
Schenectady—		
Citizens Trust Co—25	60	—
Mohawk National Bank—25	51	—
Schenectady Trust Co—16	54	58
Suffern—		
Rockland National Bank—5	28½	30
Syracuse—		
First Trust & Deposit—		
Common—2.50	17	18
Lincoln National Bank & Trust Co of Central New York—10	41½	43½
Merchants National Bank—10	42	44
Troy—		
Union National Bank—20	115	—
Utica—		
Bank of Utica—20	75	—
Marine Midland Trust Co of the Mohawk Valley—5	17	19
Oneida National Bank & Trust Co of Central New York—10	60	64
Watertown—		
Northern New York Trust—25	100	—
Watertown National Bank—40	34	—
Westchester County—		
County Trust Co (White Plains)—5	55½	56½
First National Bank (Mount Vernon)—25	190	—
First National Bank (North Tarrytown)—100	1,000	—
First National Bank of Yonkers—2.50	17½	18½
First Westchester Natl Bank (New Rochelle)—5	31	31½
National Bank of Westchester (White Plains)—5	29½	—
Northern Westchester Natl Bank (Chappaqua)—12.50	115	—
Scarsdale National Bank & Trust Co (Scarsdale)—10	45	—
NORTH CAROLINA		
Asheville—		
Bank of Asheville—10	32	—
Charlotte—		
First Union National Bank—5	24¼	26
North Carolina National Bank—5	31¼	32¼
Durham—		
Central Carolina Bank & Trust—25	93	—
Mechanics & Farmers Bank—5	7½	8
Hickory—		
First Natl Bk of Catawba County—5	28	30
North Wilkesboro—		
Northwestern Bank—5	73	77
Raleigh—		
First-Citizens Bank & Trust Co—10	250	—
Wilson—		
Branch Banking & Trust Co—5	50	—
Winston-Salem—		
Wachovia Bank & Trust—5	34½	36
OHIO		
Akron—		
First National Bank—10	60	63
Canton—		
Canton National Bank—50	48	—
Dime Bank—10	22	—
First National Bank of Canton—10	38	—
Harter Bank & Trust Co—100	34	—
Peoples Merchants Trust Co—25	52	—
Cincinnati—		
Central Trust Co—10	44	46
Fifth-Third Union Trust Co—25	69	71
First National Bank—10	55	58
Northside Bank & Trust Co—50	100	—
Provident Bank—10	51	53
South Ohio National Bank—20	95	—
Cleveland—		
Capital Bank—25	78½	82½
Central National Bank—16	57½	59
Cleveland Trust Co—50	350	360
Continental Bank—10	34	36
National City Bank—8	56	57½
Society Corp vtc—1	47	48
Union Commerce Bank—10	37	38½
Columbus—		
City National Bank & Trust Co—10	52½	—
Huntington National Bank—20	100	—
Dayton—		
National Bank of Dayton—12.50	50¼	—
Third National Bank & Tr Co—12½	50	—
Winters National Bank & Trust—10	34	—
Toledo—		
Lucas County Bank—50	137½	—
National Bank of Toledo—25	59	—
Ohio Citizens Trust Co—20	58	—
State Bank of Toledo—50	112½	—
Toledo Trust Co—20	75	80
Youngstown—		
Dollar Savings & Trust Co—10	34½	35
Mahoning National Bank—10	28½	29½
Union National Bank—10	33	35
OKLAHOMA		
Oklahoma City—		
First National Bank & Trust—10	48½	52
Liberty National Bank & Trust—10	58	63
Tulsa—		
First National Bank & Trust—10	42½	44
Fourth National Bank—10	28	30
National Bank of Tulsa—10	39	41
Utica Square National Bank—15	28	30
OREGON		
Portland—		
First National Bank of Oregon—12½	59¾	62⅞
Oregon (The) Bank of—20	33	—
Security Bank of Oregon—20	16½	18½
United States National Bank—20	66½	70
PENNSYLVANIA		
Allentown—		
First National Bank—10	31½	32½
Lehigh Valley Trust Co—10	23	26
Merchants National Bank—10	35	38
Altoona—		
Altoona Central Bank & Tr Co—10	59	—
First National Bank—10	50	—
Berwyn—		
Upper Main Line Bank—10	34	—
Bryn Mawr—		
Bryn Mawr Trust Co—5	48	51
Carlisle—		
Farmers Trust Co—10	62	—
Chester—		
Delaware County Natl Bank—10	53	57
Doylestown—		
Doylestown Natl Bank & Trust—5	41	—
Doylestown Trust Co—20	74	—
Harrisburg—		
Dauphin Deposit Trust Co—10	63¾	—
Harrisburg National Bank & Trust Co—10	113	—
Keystone Trust Co—10	29	—
Lancaster—		
Conestoga National Bank—20	66	69
Farmers Bank & Trust—10	27	28
Fulton National Bank—20	66	68
Lancaster Co National Bank—10	40	42

*Sale price. a See comprehensive footnotes on page 93. d Ex-rights. t New stock. x Ex-dividend. y Ex-5% stock dividend. z Ex-20% stock dividend.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF DECEMBER 31, 1962

	Par	Bid	Ask
Lemoyne—			
Lemoyne Trust Co	10	39	--
McKeesport—			
Peoples Union Bank & Tr Co	12.50	42	--
Western Pennsylvania Natl Bank	10	39	41
New Cumberland—			
Cumberland County National Bank & Trust	10	31	--
Norristown—			
Montgomery County Bk & Trust	10	32½	33½
Philadelphia Banks—			
Central-Penn National Bank	10	58	59
First Pennsylvania Banking & Trust Co	5	30½	31½
Philadelphia National Bank	10	51¾	52¾
Second National Bank of Phila	10	40½	42
Philadelphia Trust Cos—			
Broad Street Trust Co	5	33½	34½
Citizens & Southern Bank	5	10	12
Fidelity-Philadelphia Trust Co	10	73½	74½
Frankford Trust Co	10	71½	--
Girard Trust-Corn Exchange Bk	10	a67¾	68¾
Industrial Valley Bank & Trust	5	25½	26½
Liberty Real Estate Bk & Tr Co	10	38½	40½
Pennsylvania Warehousing & Safe Deposit Co.	100	155	--
Provident Tradesmen's Bk & Tr	12	72½	73½
Sonsitaly Bank & Trust Co	50	45	--
Pittsburgh—			
Allegheny Valley Bank	50	90	--
Avalon Bank	50	140	--
Brookline Savings & Trust	12.50	55	--
Commonwealth Bank & Tr Co	100	47	--
Hazlewood Bank (The)	10	32	--
Iron & Glass Dollar Savings	100	250	--
Mellon Natl Bank & Trust Co	10	69	71
North Side Deposit Bank	40	90	--
Pittsburgh National Bank	10	39	40
St Clair Deposit Bank	10	27	--
Union National Bank	10	42	--
Pottsville—			
Miners National Bank	20	53½	--
Reading—			
Berks County Trust Co	5	33	34
Peoples Trust-City Bank	5	22	23
Reading Trust Co	10	44	45½
Scranton—			
East Scranton State Bank	25	41	--
Green Ridge Bank	12.50	65	--
North Scranton Bank & Trust	15	45	--
Northeast Pa Natl Bank & Tr	18	48½	--
Scranton National Bank	50	122	--
South Side Bank & Trust	25	52	--
Third National Bank & Trust	25	80	--
West Side Bank	25	90	--
Wilkes-Barre—			
First National Bank	20	58	62
Hanover National Bank	40	110	--
Miners National Bank	10	40	42
Wyoming National Bank	10	30	--
Williamsport—			
First National Bank	10	34½	--
West Branch Bank & Trust	10	45	--
York—			
Drover & Mechanics Natl Bank	10	29	30
First National Bank	10	50	--
Industrial Natl Bank West York	10	35	37
National Bank & Trust Co of Central Pennsylvania	10	22¾	24
York Bank & Trust Co	33	34	36

RHODE ISLAND

Providence—			
Citizens Trust Co	50	80	--
Columbus National Bank	10	25	28
Industrial National Bank of Rhode Island	10	51	54
Plantation Bank of Rhode Island	10	34	--
Rhode Island Hospital Trust Co	10	70½	75

SOUTH CAROLINA

Charleston—			
Citizens & Southern Natl Bank	10	94	98
South Carolina Natl Bank	5	44	45½
Columbia—			
First National Bank of South Carolina	5	35	--
Greenville—			
Peoples National Bank	10	65	--

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 Natl Bank	10	48½	51½
National Bank of Commerce	10	50	53
State Savings Bank	100	200	205
Tri-State Bank of Memphis	100	105	110
Union Planters National Bank	10	51	54
Nashville—			
Commerce Union Bank	10	29½	30½
First Amer National Bank	10	35	36
Third National Bank in Nashville	10	76	78

TEXAS

Dallas—			
American Bank & Trust Co	10	35	--
Bank of Services & Trust Co	10	33	37
East Dallas Bank & Trust	24	36	--
Empire State Bank	20	27	--
Exchange Bank & Trust Co	10	--	38
Fair Park National Bank	20	33	--
First Citizens Bank of Dallas	10	30	33
First National Bank	10	61	62
Grand Avenue Bank & Trust Co	20	50	--
Greenville Ave State Bank	20	60	--
Grove State Bank	20	46½	--
Hillcrest State Bank	20	55	--
Industrial National Bank	10	14	--
Lakewood State Bank	20	50	--
Mercantile National Bank	20	39½	41
Merchants State Bank	20	52	--
National Bank of Commerce	10	42	48
Northwest National Bank		55	--
Oak Cliff Bank & Trust Co	10	34½	--
Park Cities Bank & Trust		26	--
Preston State Bank	12	25¼	--
Republic National Bank	12	64	64¾
South Oak Cliff State Bank	100	225	--
Texas Bank & Trust Co	10	31	32
Wynnewood State Bank	20	60	--
El Paso—			
Chelmont State Bank	10	30	--
El Paso National Bank	20	61	--
Southwest National Bank	20	48½	--
State National Bank	100	410	--
Fort Worth—			
Continental National Bank	10	28½	30
First National Bank	10	27	29
Fort Worth National Bank	10	34	37
Riverside State Bank	20	70	--
Union Bank	12½	31	34
Houston—			
American Bank & Trust Co	10	34	--
Bank of the Southwest N A	20	90½	--
Central National Bank	10	17½	--
Chimney Rock National Bank	20	62	--
Citizens State Bank	100	700	--
Fidelity Bank & Trust Co	20	72	--
First City National Bank	10	58½	60
Harrisburg National Bank	10	28	--
Houston Bank & Trust Co	20	80	--
Houston National Bank	10	40	--
Lockwood Natl Bk of Houston	10	60	--
Long Point National Bank	20	50	--
MacGregor Park National Bank	20	52	--
National Bank of Commerce	10	92½	--
North Side State Bank	5	33	--
Reagan State Bank	20	95	--
South Main State Bank	20	73	--
Texas National Bank	10	71	--
University State Bank	100	550	--
Port Arthur—			
First National Bank	20	73	--
San Antonio—			
Alamo National Bank	20	84	--
Bexar Co of National Bank	50	41	44½
First National Bank	10	30	--
Frost National Bank	100	1300	--
Groos National Bank	100	38	42
Kelly Field National Bank	10	49	--
National Bank of Commerce	10	27¾	30¼

UTAH

	Par	Bid	Ask
Ogden—			
Commercial Security Bank	25	52	55
First Security Corp	1.25	43	44½
First Security Investment Co	25c	8	8½
Salt Lake City—			
Continental Bank & Trust Co	10	32½	34
Tracy-Collins Bank & Trust Co	6.25	66	71
Walker Bank & Trust Co	25	50	53
Zions First National Bank	10	84	88

VERMONT

Brattleboro—			
Vermont Bank & Trust Co	12	41	42
Montpelier—			
Montpelier National Bank	20	35	--
Rutland—			
Rutland County Bank	100	220	--

VIRGINIA

Lynchburg—			
First Natl Trust & Saving Bk	12½	32	--
Lynchburg Natl Bk & Trust Co	10	42	--
People's Natl Bk & Trust Co	20	a90	----
Norfolk—			
National Bank of Commerce	5	38	39½
Seaboard Citizen National Bk	10	79½	--
Southern Bank of Norfolk	10	--	57
Portsmouth—			
American National Bank	10	40	--
Citizens Trust Co	100	34½	--
Merchants & Farmers Bank	10	47	--
Richmond—			
Central National Bank	7.50	45	47
First & Merchants Natl Bank	10	45½	47
Southern Bank & Trust	15	79	--
State-Plant Bk of Com & Trusts	20	92	95
Virginia Commonwealth Corp	10	36¼	37¼
Virginia Trust Co	20	72½	--
Roanoke—			
Colonial-Amer National Bank	10	41	43
First National Exchange Bank	10	46½	47½
Mountain Trust Bank	10	40	--

WASHINGTON

Seattle—			
Marine Bancorporation	No par	150	--
Pacific National Bank	10	32½	34
Peoples National Bank of Wash	20	75	--
Seattle-First National Bank	10	61	62
Seattle Trust & Savings Bank	20	45	--
Spokane—			
First National Bank in Spokane	100	130	135
Old National Bank of Spokane	10	38¾	40½
Old National Corp	10	39¾	41
Washington Trust Bank	100	500	560
Tacoma—			
Puget Sound National Bank	10	48	52

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	73¾	--
Wheeling Dollar Sav & Tr Co	25	88	--

WISCONSIN

Milwaukee—			
American State Bank	10	60	--
Marshall & Ilsley Bank	10	46	49
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	50	53
Mitchell St State Bank	20	50	--
West Side Bank	20	47	--

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

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

American Bank & Trust Co. (New Haven) subject to approval of stockholders may merge with and into Second National Bank (New Haven). If approved holders will receive 1.165 shares for each share held.

Bank of Rockville Centre Trust Co. (N. Y.) if stockholders and regulatory agencies approve will be acquired by Chemical Bank N. Y. Trust Co. If approved 14 shares will be exchanged for each Chemical share.

Columbia National Bank (Kansas City) stockholders voted on Jan. 8 on a proposed four-for-one split, and a reduction in the par value from $100 to $25.

First National Bank & Trust Co. (Cumberland, Md.) see Second National Bank in this tabulation.

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.

Gotham Bank (N. Y.) subject to approval of stockholders on Dec. 31 may merge with and into Royal National Bank of N. Y. formerly Royal State Bank. Stockholders will receive 2½ shares for each share held.

Home National Bank (Brockton, Mass.) to merger with Plymouth National Bank under name of Plymouth Home National Bank, subject to stockholders and supervisors authorities approval.

Peoples National Bank & Trust Co. (Lynchburg, Va.) proposed merger with and into First & Merchants National Bank of Richmond is subject to approval of regulatory agencies. If approved shareholders will receive 2.1 shares for each share held.

Seaboard Citizens National Bank (Norfolk, Va.) institution being absorbed by First Virginia Corp.

Second National Bank (Cumberland, Md.) may merge with First National Bank & Trust Co. of Cumberland to form First-Second National Bank & Trust Co. If stockholders approve on Jan. 8, Second National holders will receive 1⅜ shares for each share held, and First National would be exchanged share-for-share.

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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

Baltimore & Ohio RR. Co. 2½s equipment trust series BB due Jan. 1, 1963 to 1965, funds have been deposited with United States Trust Co. for prepayment offer. Holders may present their certificates on or before Nov. 15 to receive principal amount plus interest to Jan. 1, 1963.

STOCKS

Agricultural Insurance Co see Channing Financial Corp in this tabulation.

Amalgamated Leather Cos. 6% convertible preferred, 25% of outstanding shares called for redemption on Dec. 17 at $55 plus dividend of $14.88 per share. All remaining shares to be redeemed on Jan. 21 at $55 per share plus $15.17 dividend. Convertible into common at rate of six shares per preferred share.

American Insurance Co. (Newark, N. J.) proposed acquisition by Firemen's Insurance Co. of San Francisco is contingent on approval of capital increase and acceptance by holders of 80% of American shares. If approved holders will receive one share of new common for each share held.

Astron Corp. merger with Renwell Electronics Corp. has been approved by stockholders. Name will be changed to Renwell Industries, Inc. Astron common stock will be exchanged one-ninth share new common for each old held. Renwell shares are being exchanged share for share.

Carwin Co. acquired by Upjohn Co. Basis of exchange is seven shares of Upjohn for each eight Carwin held.

Channing Corp. proposed new holding company will be Channing Financial Corp. Formation is to acquire stock of company and several other firms. If approved Channing Financial would issue 1.7 common shares in exchange for each company share, 10.6 shares for each Federal Life and Casualty Co share, 5.1 shares for each Wolverine Insurance Co. class A share, 1.9 shares for each Secured Insurance Co. share, and two 80 cent conv. pfd. shares for each Agricultural Insurance Co. share.

Cheney Bigelow Wire Works acquired by National Standard Co. Common stockholders receive three shares common for each share held, and preferred holders one-ninth common for each preferred held.

Colonial Mortgage Service Co. majority of stock acquired by Atlas Credit Corp.

Federal Life & Casualty Co. see Channing Financial Corp. in this tabulation.

Globe & Republic Insurance Co. effective Dec. 31 will merge with and into American Equitable Assurance Co. Stockholders will receive 1.2 shares for each share held.

Hidden Splendor Mining Co. merged with and into Atlas Corporation. Each common share being exchanged for $6 of Atlas 5% bonds due Aug. 1, 1977.

Merchants Fire Assurance Corp. of N. Y. subject to stockholders approval may be acquired by United States Fidelity & Guaranty Co. by exchange of 9/10th of a share for each Merchants share held.

Moxie Company in spinn-off stockholders receive one share of United Manufacturing & Engineering Co. for each six shares held.

Norma-Hoffman Bearings Corp. understand that purchase offer was made by Universal American Corp. at $20 per share.

North Shore Gas Co. (Illinois) merged with and into Peoples Gas Light & Coke Co. Stockholders to receive ¾ share common for each share held.

Panoramic Electronics, Inc. acquired by Singer Manufacturing Co. Stockholders to receive one-seventh share for each share held.

Postal Life Insurance Co. stockholders approve merger with and into Bankers Security Life Insurance Society. Two shares are being exchanged for each share held.

Radiation Instrument Development Laboratory, Inc. if stockholders approve, may merge with and into Nuclear-Chicago Corp. One share of Nuclear would be issued in exchange for each 1¾ shares held.

Renwell Electronics Corp. see Astron Corp. in this tabulation.

Secured Insurance Co. see Channing Financial Corp. in this tabulation.

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

Securities Acceptance Corp. merged into Associates Investment Co. Stockholders receive one share for each six common held.

Vector Manufacturing Co. tentative agreement on plans for the merger with Beckman Instruments, Inc. have been announced. Subject to the approval of stockholders it is contemplated that Vector will be liquidated with Beckman stock then being distributed to the holders.

Wolverine Insurance Co. see Channing Financial Corp. in this tabulation.

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.

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New York Stock Exchange—Bonds

Continued from page 15

Sales for Year 1962 $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
	Vanadium Corp of America—											
48,000	3⅛s conv subord debs—1969	J-D	102½	115¾	70	95	—	95	89 Dec 27	95 Dec 6	89 Dec 27	102½ Jan 12
1,258,000	4¼s conv subord debs—1976	M-S	88	91	81	Sale	78½	Sale	77 Dec 21	81½ Dec 3	77 Dec 21	92 Feb 27
	Vendo (The) Company—											
3,008,000	4½s conv subord debs—1980	M-S	136	Sale	108¾	Sale	106	Sale	106 Dec 31	110 Dec 5	94 May 29	136 Jan 2
	Virginia Electric & Power—											
186,000	1st & ref M 2¾s ser E—1975	M-S	82½	Sale	85	86	86½	—	85½ Dec 10	86⅜ Dec 28	82¼ Mar 2	86⅞ Nov 29
----	1st & ref M 3s ser F—1978	M-S	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
40,000	1st & ref M 2¾s ser H—1980	M-S	--	76¾	--	--	--	--	-- ------	-- ------	75 Feb 26	79⅛ Apr 23
36,000	1st & ref M 3⅜s ser I—1981	J-D	--	85½	88	--	87	89⅛	-- ------	-- ------	83 July 6	88 Nov 21
104,000	1st & ref M 3¼s ser J—1982	A-O	81	83½	86¼	89	--	86¾	-- ------	-- ------	82¾ Feb 15	87½ May 10
40,000	Va & Southw 1st gtd 5s—2003	J-J	84	90	84	--	84½	--	-- ------	-- ------	84 Aug 10	88 Jan 19
17,000	Gen mtge 4¼s—1983	M-S	85	—	86⅝	--	91⅛	--	92 Dec 28	92 Dec 28	92 Dec 28	92 Dec 28
385,000	Virginia Ry 3s series B—1995	M-N	72	—	76	Sale	75¼	76⅝	75¼ Dec 19	76⅛ Dec 12	71⅝ Feb 15	76⅛ Dec 12
41,000	1st lien & ref M 3¼s ser C '73	A-O	86⅛	—	90	92	90	92	90 Dec 6	91 Dec 12	85⅛ July 13	91 Nov 16
19,000	1st lien & ref 4s ser F—1983	M-N	91⅝	—	89	91	91⅝	--	90 Dec 4	90 Dec 4	90 Dec 4	91⅛ Aug 20
689,000	6s subord income debs—2008	F-A	113½	Sale	115¼	118	116⅝	117½	116½ Dec 10	118 Dec 6	113⅛ Feb 2	120 May 2
	Vornado Inc—											
3,670,000	5s conv subord debs—1982	M-S	—	—	98	Sale	90½	Sale	90½ Dec 31	98 Dec 4	90½ Dec 31	116 Apr 18
	Wabash RR Co—											
102,000	Gen mtge 4s ser A Jan 1981	Apr	70	74	72	Sale	72	74	72 Dec 3	73½ Dec 26	69½ Jun 11	75 Mar 2
666,000	Gen inc 4¼s ser B Jan 1991	Apr	69½	Sale	71	93	71¼	85	71½ Dec 7	73 Dec 20	66½ July 10	73 Nov 30
296,000	1st mtge 3¼s ser B—1971	F-A	82⅛	—	86¾	87¼	87⅛	88½	86¾ Dec 18	87½ Dec 26	83⅛ Feb 2	88½ Oct 22
80,000	Warren RR 1st ref gtd 3½s 2000	F-A	29	—	30	33	32½	Sale	30 Dec 19	32½ Dec 31	28½ Jun 11	36 Aug 21
10,000	Wash Term 2⅝s ser A—1970	F-A	84⅜	—	85¼	--	85¼	--	-- ------	-- ------	84¾ Nov 9	86 Nov 19
491,000	Westchester Lightg 3½s—1967	J-J	97	--	98¼	98⅝	98	99	98 Dec 17	98⅝ Dec 5	94 Jan 10	99¼ May 7
1,000	Gen mtge 3s gtd—1979	M-N	79½	83⅞	79½	85	79½	85	-- ------	-- ------	80⅛ Mar 8	80⅛ Mar 8
31,000	West Penn Electric 3½s—1974	M-N	92⅝	97	92	--	91	--	92 Dec 20	92 Dec 20	92 Dec 20	93¼ Oct 26
	West Penn Power—											
818,000	1st mtge 3½s ser I—1966	J-J	96⅜	Sale	99	99½	99¼	Sale	99 Dec 4	99⅞ Dec 27	96⅜ Jan 2	99⅞ Dec 27
1,470,000	West Shore 1st 4s gtd—2361	J-J	50⅛	Sale	57½	Sale	55½	58½	54⅝ Dec 17	58½ Dec 3	50⅛ Jan 2	59½ May 17
1,273,000	Registered —2361	J-J	51⅞	Sale	57½	Sale	56¾	Sale	55 Dec 13	57½ Dec 3	50¼ Jan 3	59 May 7
	Western Maryland Ry Co—											
543,000	Gen mtge 4s ser A—1969	J-J	99½	100¾	96⅛	Sale	95⅜	97⅝	94½ Dec 10	96⅛ Dec 3	92 Jan 9	98 Nov 14
82,000	1st mtge 3½s ser C—1979	A-O	92⅝	Sale	82	Sale	80½	--	80 Dec 5	82 Dec 3	79 Nov 14	82 Dec 3
70,000	5½s debentures—1982	A-O	80½	--	98	Sale	98	--	98 Dec 3	98 Dec 3	97¾ Nov 7	103½ Aug 6
7,000	Western Pacific RR 3⅛s—1981	J-J	70	—	70	--	70	--	-- ------	-- ------	77 May 10	77 May 10
249,000	5s income debentures—1984	May	97⅛	Sale	98	--	98	--	-- ------	-- ------	96½ Feb 1	99 Jan 8
1,057,000	Western Union Tel 5¼s—1987	F-A	--	—	106	Sale	106	Sale	105 Dec 5	106 Dec 3	103⅛ Aug 16	107 May 21
120,000	Westinghouse Elec 2⅝s—1971	M-S	86	—	86¼	--	86	--	-- ------	-- ------	86 Jan 24	87 Apr 23
	Wheeling & Lake Erie RR—											
6,000	Gen & ref M 2¾s ser A—1992	M-S	73½	—	73¾	--	75¼	--	73¾ Dec 13	75¼ Dec 24	73¾ Dec 13	75¼ Dec 24
369,000	Wheeling Stl 3¼s ser C—1970	M-S	94¼	—	98½	--	98⅞	--	98½ Dec 17	98⅞ Dec 24	94¼ Jan 3	98⅞ Dec 24
72,000	1st mtge 3¼s ser D—1967	J-J	94	95	98¼	--	98½	100	98¼ Dec 11	98½ Dec 14	94 Jan 3	98¾ July 23
2,287,000	3¾s conv debentures—1975	M-N	97	Sale	89	90	89	Sale	88⅝ Dec 31	90¼ Dec 14	85½ Nov 1	99½ Feb 8
41,000	Whirlpool Corp 3½s—1980	F-A	85	87	86¾	--	86¾	--	86¾ Dec 11	86¾ Dec 11	85 Jan 22	86¾ Aug 20
151,000	Wilson & Co 4⅛s s f debs—1978	J-J	95½	97	96⅞	98½	97½	--	98 Dec 28	98 Dec 28	95½ Jan 4	98 Dec 28
	Wisconsin Central RR Co—											
610,000	1st mtge 4s ser A—2004	J-J	61	Sale	63	64	64¾	66	63½ Dec 4	65⅛ Dec 26	57½ Jun 13	65⅛ Dec 26
1,344,000	4½s inc ser A—Jan 1 2029	May	41	47⅞	54⅞	Sale	56½	Sale	54⅞ Dec 3	58 Dec 5	36 Aug 9	58 Dec 5
70,000	Wisconsin Elec Pwr 2⅝s—1976	J-D	79½	—	83	Sale	83¾	85	83 Dec 3	83¾ Dec 27	79½ Feb 1	83¾ Dec 27
67,000	Wisconsin Pub Serv 3¼s—1971	J-J	88½	—	90¾	94	92½	--	94 Dec 28	94 Dec 28	89 Jan 23	94½ May 29
15,000	Yonkers Elec Lt & Pr 2⅝s—'76	J-J	77¾	—	79	--	80	--	80 Dec 17	80 Dec 17	80 Nov 19	80 Nov 19
	Youngstown Sheet & Tube Co											
195,000	1st mtge 4½s series H—1990	A-O	99¾	101	102	104	102	103¾	102½ Dec 19	102½ Dec 19	99⅛ Aug 6	103½ Nov 20

• Negotiability impaired by maturity.

Δ 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 December $	Aggregate Sales for Year 1962 $	American Stock Exchange BONDS	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN DECEMBER Dec. 3 Opening or Bid	Dec. 3 Opening or Ask	Dec. 31 Closing or Bid	Dec. 31 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE FOR YEAR 1962 Lowest Sale Prices	RANGE FOR YEAR 1962 Highest Sale Prices
63,000	1,082,000	Ohio Power 3¼s 1968	95⅜	Sale	97¾	--	95	97¼	96¼ Dec 20	98 Dec 5	89½ Jun 14	98 Nov 28
6,000	83,000	1st mortgage 3s 1971	87	88½	90	90½	90	--	90 Dec 27	90½ Dec 6	87 Jan 4	91 Oct 24
1,000	92,000	Penn Water & Pw 3¼s 1964	96½	--	98	--	98	--	98 Dec 13	98 Dec 13	97 Jan 17	98½ Jun 21
1,000	19,000	3¼s 1970	89	--	93⅞	95¾	94½	95¾	94½ Dec 24	94½ Dec 24	90 Jan 4	94½ Dec 24
29,000	161,000	Pub Serv El & Gas 6s 1998	119	126	123¼	--	125⅛	129	123¼ Dec 4	125 Dec 5	119 Jan 5	125 Dec 5
12,000	764,000	Rapid-American 7s 1967	101	Sale	98	Sale	99	Sale	98 Dec 3	100 Dec 10	98 Nov 30	104 Feb 21
184,000	3,194,000	5¾s conv sub debs 1977	120	Sale	93	94	90⅛	Sale	90 Dec 24	94 Dec 5	86 Nov 26	137 Feb 12
39,000	699,000	Realty Equities Corp— 7½% sub deb ww 1972	--	--	88	Sale	86	87	85 Dec 6	88½ Dec 19	74 May 29	90 Nov 28
30,000	149,000	Reeves Broadcasting & Development 6s 1976	--	--	77	79⅞	77	Sale	72 Dec 11	77 Dec 5	72 Dec 11	83 Aug 9
----	----	Safe Harbor Wt Pr 3s 1981	83	--	85	--	85	--	-- ------	-- ------	-- ------	-- ------
355,000	4,002,000	Southern Cal Edison 3s 1965	96¾	Sale	99½	Sale	98¾	Sale	98⅝ Dec 31	99½ Dec 3	95⅛ July 27	100 Nov 16
13,000	30,000	3⅛s series A 1973	82¼	--	89	Sale	89	--	89 Dec 3	89 Dec 3	82 Jan 31	89½ Oct 16
39,000	72,000	3s series B 1973	85	--	87⅛	--	88½	89¼	86¾ Dec 28	91¼ Dec 7	82⅛ Feb 28	91¼ Dec 7
----	36,000	2⅞s series C 1976	79	83¾	81¼	--	86½	--	-- ------	-- ------	84¾ Nov 20	85½ Sep 24
11,000	92,000	3⅛s series D 1976	80	85	87⅛	--	82	--	85 Dec 28	85 Dec 28	83 Jan 5	88¼ Oct 18
----	121,000	3⅝s series E 1978	89	--	92⅜	--	92	--	-- ------	-- ------	88¾ Feb 14	93½ May 15
2,000	108,000	3s series F 1979	80¾	81¼	84⅝	86¾	79	--	84½ Dec 7	84½ Dec 7	80½ Feb 14	85¾ Nov 13
13,000	298,000	3⅝s series G 1981	87	90	91¼	Sale	91½	--	91¼ Dec 3	92⅞ Dec 24	86 Jan 19	93¾ Sep 28
28,000	712,000	4¼s series H 1982	95½	96¼	99¾	101¼	100⅛	101¼	99 Dec 11	101¼ Dec 24	96 Feb 1	101½ Apr 25
2,000	271,000	4¾s series I 1982	101½	103¾	104	--	104	--	104 Dec 11	104 Dec 11	101¼ Jan 25	105⅞ Mar 26
5,000	263,000	4⅞s series J 1982	104	--	103¾	104¼	104	104½	104 Dec 11	104¼ Dec 7	103 Jun 6	105 Jan 15
----	484,000	4⅝s series K 1983	101¾	--	102⅞	--	103¼	--	-- ------	-- ------	101 Jan 16	105⅛ May 14
----	71,000	5s series L 1985	105½	--	104½	107	104½	107	-- ------	-- ------	105 Mar 2	107 Sep 11
28,000	914,000	4⅜s series M 1985	97⅜	99⅜	101¾	102¾	95	102¼	101⅛ Dec 27	102⅜ Dec 7	98½ Jan 17	103 Sep 24
19,000	360,000	4½s series N 1986	101	102½	102	104	102¾	104	101½ Dec 10	102¾ Dec 11	99¾ Feb 2	103¾ Jun 15
93,000	421,000	4¼s Series O 1987	--	--	100	--	100	--	100 Dec 10	101¼ Dec 28	99¼ July 31	101¼ Dec 28
20,000	278,000	South Calif Gas 3¼s 1970	91⅛	--	93⅞	Sale	93¾	94¾	93¾ Dec 3	94 Dec 27	91⅛ Jan 19	94½ Nov. 16
7,000	25,000	Southern Counties Gas of California 3s 1971	89	92¼	91½	Sale	91	Sale	91 Dec 31	91½ Dec 3	89 Jan 3	92 Mar 13
6,000	79,000	Southwestern Gas & Electric 3¼s A 1970	89½	--	93¼	Sale	93⅛	--	93⅛ Dec 4	93¼ Dec 3	89½ Jan 29	94⅝ May 25
9,000	187,000	Szabo Food Service 6s 1973	--	--	100	101	90	92	90 Dec 6	90½ Dec 11	78 Jan 16	92 Nov 14
66,000	2,268,000	Teleregister Corp 6s 1980	73	Sale	75	76	73½	Sale	70 Dec 27	76 Dec 6	60 Jun 26	83½ Mar 13
167,000	1,879,000	Transportation Corp of America 6½s 1973	112	117	90	92	101½	Sale	89 Dec 5	103 Dec 26	77 Jun 25	122 Jan 16
26,000	846,000	United Improvement & Investment Corp 6s 1976	125	Sale	92½	Sale	89½	90	85 Dec 26	92½ Dec 3	85 Dec 26	128 May 8
118,000	1,435,000	U S Natural Gas 6s 1977	--	--	145	154	145	160	145 Dec 11	154 Dec 4	92 Jun 25	165 Nov 26
20,000	310,000	Wasatch Corp 6s A 1963	99	Sale	100	101	100	100¼	100 Dec 5	100 Dec 5	97½ May 29	100¼ Aug 29
2,000	184,000	Wash Water Pr 3½s 1964	97½	Sale	99⅛	99½	99	100¼	99 Dec 14	99 Dec 14	97½ Jan 2	100 Nov 30
95,000	1,248,000	Webb & Knapp Inc 5s 1974	73½	Sale	71½	Sale	70¼	Sale	69½ Dec 27	71½ Dec 3	67 Jun 15	80 Apr 10
		FOREIGN GOVERNMENT AND MUNICIPALITIES										
----	----	△Baden (Germany) 7s 1981	120	--	120	--	120	--	-- ------	-- ------	-- ------	-- ------
----	54,000	△Danzig Port & Waterways Board 6½s 1952	7½	10	6½	13½	7⅞	13½	-- ------	-- ------	6 Jun 15	9½ Feb 26
----	25,000	German Sav Bank & Clear Assn debt adjust debs 5¼s series A 1967	90	--	90½	--	96½	--	-- ------	-- ------	94¼ Mar 2	99 July 9
----	34,000	4½s series B 1967	88	--	94¼	--	94½	--	-- ------	-- ------	93 Aug 21	95½ Aug 1
----	----	△Hanover (Prov) 6½s 1949	120	--	110	--	110	--	-- ------	-- ------	-- ------	-- ------
----	2,000	Maranhao (State of) Brazil Stpd pursuant to Plan A Int red to 2⅛% 2008	64	--	63½	--	63½	--	-- ------	-- ------	65 Sep 17	66 Feb 6
----	----	Mortgage Bank of Bogota— △7s issue May 1927 1947	60	--	60	--	60	--	-- ------	-- ------	-- ------	-- ------
----	----	△7s issue Oct 1927 1947	60	--	60	--	60	--	-- ------	-- ------	-- ------	-- ------
1,000	13,000	Mtge Bk of Denmark 5s 1972	99	--	99	100¼	99	100¼	99 Dec 5	99 Dec 5	99 Sep 19	100½ Apr 26
----	29,000	Parana (Brazil)— Stpd pursuant to Plan A Int red to 2⅛% 2008	62	66	50	60	50	61	-- ------	-- ------	60 Sep 10	64 Mar 6
193,000	1,904,000	Peru (Republic of)— 3s sinking fund 1997	44¼	Sale	43	Sale	42¾	Sale	42¼ Dec 5	43 Dec 3	32 Jun 14	47⅝ Apr 23
3,000	36,000	Rio de Janeiro— Stpd pursuant to Plan A Int red to 2% 2012	52⅛	56	42	48	44	Sale	43 Dec 14	44 Dec 31	40 Nov 19	53 July 6

* 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 1962 stock dividends and split-ups, are indicated below in alphabetical arrangement.

Name of Company Stock Issue	Basis of Split or Stock Dividend	Date Admitted to Trading	Name of Company Stock Issue	Basis of Split or Stock Dividend	Date Admitted to Trading
Astrex, Inc.	Three-for-two	Jan 15	Pratt & Lambert, Inc.	Two-for-one	Mar 29 wi
Baker Industries	Two-for-one	May 22		Two new A and one new	
Bearings, Inc.	One-for-three	Apr 9	Presidential Realty Corp.	B for each common	Apr 23
Brandywine Raceway Assn.	Two-for-one	Sep 13 wi	San Carlos Milling	25% stock dividend	Oct 9
Budget Finance Plan	25% stock dividend	July 17	South Coast Corp.	50% in stock	Feb 2
Canaveral International	Two-for-one	Jun 14 wi	Southern Calif. Edison, 5% orig pfd	Three-for-one	Jan 25
Capital City Products	Two-for-one	Nov 9 wi	Steel Co. of Canada	Four-for-one	May 7 wi
Cook Paint & Varnish	Two-for-one	Jan 3 wi	Steel Parts Corp	Three-for-two	Apr 2
Duro-Test Corp.	Seven-for-one	Apr 11 wi	Stylon Corp.	One-for-four	Nov 1
Eastern Company	25% stock dividend	Nov 29	Technical Materiel Corp.	Two-for-one	Jan 16 wi
Gulf American Land Corp.	Four-for-one	Feb 7 wi	Tobacco Securities Trust	Four-for-one	Feb 5
Hazel Bishop, Inc.	One-for-four	Jan 24	Transue & Williams Steel	Two-for-one	Jan 2 wi
Highway Trailer Industries	One-for-five	Sep 10	United Elastic Corp.	33⅓% in stock	Jan 18
Hoffman International	25% stock dividend	July 10	United Stockyards Corp.		
Locke Steel Chain Co.	Two-for-one	Jan 5 wi	(Formerly on NYSE)	Four-for-one	Apr 9
Mead Johnson & Co.	Three-for-one	Apr 30 wi	West Chemical Products, Inc.	Four-for-three	Aug 20
Midwestern Financial	Two-for-one	Apr 16	Westbury Fashions	2½-for-1	Apr 9 wi
Murray Ohio Mfg. Co.	Two-for-one	Apr 2	Zale Jewelry Co.	Two-for-one	May 16 wi
New Process Co.	Five-for-one	Sep 17			

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