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MOODY'S
INDUSTRIAL MANUAL

AMERICAN and FOREIGN

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Statistical Record (cont'd)	1959	1958	1957	1956	1955	1954	1953
Times charges earned:							
Before income taxes	71.71	6.98	9.26	8.70	5.98	5.07	31.31
After income taxes	7.04	6.39	8.09	7.42	5.10	4.67	26.18
Times charges & pref. div. earned	5.81	5.23	6.64	6.17	4.34	3.87	10.59
Net tangible assets $1,000 lg. tm. debt	$3,315	$2,962	$2,856	$2,563	$2,306	$1,794	$8,805
Net curr. assets per $1,000 lg. tm. debt	$416	$532	$408	$377	$398	$365	$1,467
Number of shares—preference	100,000	100,000	100,000	100,000	100,000	100,000	100,000
—common	4,128,802	4,125,959	4,123,892	4,103,706	4,009,706	3,324,196	3,324,196
Financial & Operating Ratios							
Current assets ÷ current liabilities	1.75	2.04	1.83	1.80	1.89	2.25	2.07
% cash & securities to current assets	27.63	44.31	36.19	39.08	48.27	42.00	58.02
% inventory to current assets	35.19	27.71	32.67	33.82	28.17	32.97	7.97
% net current assets to net worth	17.95	27.14	21.97	24.10	30.49	45.99	18.79
% property depreciated	53.23	53.84	51.76	50.48	50.25	51.71	41.03
% annual depr., etc. to gross prop.	4.65	5.50	5.10	5.20	4.58	5.50	5.66
Capitalization:	30.16	33.76	35.01	39.02	43.37	11.18	11.36
% long term debt	2.41	2.45	2.51	2.57	2.65	5.79	6.16
% preference stock	67.43	63.79	62.48	58.41	53.98	83.03	82.48
% com. stock & surplus	6.77	6.83	6.76	6.20	5.73	4.65	1.77
Sales ÷ inventory	6.41	6.76	7.07	7.73	6.86	6.13	4.15
Sales ÷ receivables	81.63	84.14	84.23	85.28	75.41	75.68	64.63
% sales to net property	59.48	56.93	59.38	58.62	49.55	48.33	39.34
% sales to total assets	7.05	6.09	8.30	8.23	6.23	5.28	10.82
% net income to total assets	11.81	10.80	14.97	15.99	13.13	13.88	14.27
% net income to net worth	28.49	24.36	32.35	31.60	23.36	17.73	17.11
Preference div. times earned	%	%	%	%	%	%	%
Analysis of Operations							
Net sales & other revenues	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Cost and expenses	80.00	81.52	78.84	75.22	75.80	79.20	55.52
Dry hole expense	2.27	1.74	3.25	3.71	3.46	5.03	7.70
Surrendered lease & abandonments	2.26	2.81	2.09	2.15	2.60	3.56	3.73
Operating income	15.06	13.93	15.82	18.92	18.14	12.21	33.05
Other income	0.06	*dr* 0.06	2.44	0.12	0.20	2.93	1.54
Total income	15.12	13.87	18.26	19.04	18.34	15.14	34.59
Interest paid	1.96	1.99	1.97	2.19	3.07	2.98	1.10
Balance	13.16	11.88	16.29	16.85	15.27	12.16	33.49
Federal income taxes	1.32	1.17	2.31	2.81	2.69	------	5.68
Subs. earn. prior to acquisition	--------	--------	--------	------	------	1.22	------
Net income	11.84	10.71	13.98	14.04	12.58	10.94	27.81

[1]Also 2½% in stock.

LONG TERM DEBT

Term Loan: Outstanding, Dec. 31, 1959, $33,875,000 4% notes payable quarterly to May 1, 1965 and balance Aug. 1, 1965. Proceeds to repay $35,000,000 outstanding loan and for plant additions.

Company may not pay cash dividends in excess of earnings after Dec. 31, 1957 plus $4,000,000; also agrees to maintain net current assets of not less than $10,000,000. At Dec. 31, 1959 $45,000,000 of earned surplus was so restricted.

Note: Also outstanding Dec. 31, 1959, $787,940 mortgage notes payable at rates up to 6%, due serially to 1976.

CAPITAL STOCK

1. Champlin Oil & Refining Co. $3 cumulative convertible preference; no par:

AUTHORIZED—100,000 shares; outstanding, 100,000 shares; no par.

PREFERENCES—Has preference as to assets and dividends. In liquidation entitled up to $55 per share and dividends.

CALLABLE—As a whole or in part at $65 per share on 60 days' notice on any dividend payment date.

VOTING POWER—Has equal voting power per share with common.

CONVERTIBLE—Into common at rate 1.025 shares and $1.15 cash for each preferred share. Fractional shares paid in cash at $29.25 per share.

Conversion privilege is protected against dilution. Convertible to and including redemption date if called.

PREEMPTIVE RIGHTS—None.

DIVIDENDS—Initial dividend of 55 cents paid Dec. 1, 1929; 1930 and 1931, $3; 1932, $2.25; 1933, $1; 1934, $1.50; 1935, $1.75; 1936, $8.50; 1937, $3; 1938, $2.25; 1939, $3; 1940, $2.50; 1941, $2; 1942, $3; 1943, $5.25 (clearing arrears); quarterly dividends paid regularly thereafter.

Dividends payable quarterly, Mar. 1, etc., to stock of record Feb. 15, etc.

OFFERED—(750,000 preference shares and 750,000 common shares) in Sept., 1929, by Continental Illinois Co. and Field, Glore & Co., Chicago, in units of one preference share and one common share at $68.50 per unit.

TRANSFER AGENT—At company's office in Chicago.

REGISTRAR—First National Bank, Chicago.

LISTED—On Midwest Stock Exchange.

2. Champlin Oil & Refining Co. common; par $1:

AUTHORIZED—5,000,000 shares; outstanding, 4,128,802 shares; reserved for options, 145,301 shares; reserved to conversion of preference stock, 102,500 shares; par $1 (changed from no par Dec. 19, 1932, share for share).

VOTING RIGHTS—Has equal voting power per share with preference.

PREEMPTIVE RIGHTS—None.

DIVIDENDS—

1929–45	nil	1946	$0.25	1947	$0.45
1948	$0.50	1949–51	0.60	1952	0.75
1953–54	0.80	1955	0.85	[1]1956–59	1.00
[2]1960	0.50				

[1]Also 2½% in stock in 1957.
[2]To May 3.

OFFERED—In Sept., 1929, by Continental Illinois Co. and Field, Glore & Co., Chicago, in units (see preference).

TRANSFER AGENT—Marine Midland Trust Co., New York, or at company's office in Chicago.

REGISTRARS — Chase Manhattan Bank, New York and First National Bank, Chicago.

LISTED—On New York and Midwest Stock Exchanges. Unlisted trading on Boston and Pacific Coast Stock Exchanges.

Subscription Rights: Common stockholders of record May 2, 1955 had right to subscribe to 672,000 common shares at $18 per share on basis of one share for each 5 shares held. Rights expired May 19, 1955. Underwritten by Glore, Forgan & Co. and Ladenburg, Thalmann & Co., New York.

Stock Options held by officers and key employees at Dec. 31, 1959 on 137,754 shares at prices from $17.34 to $23.17. Options expire 1963 to 1969.

CORNING GLASS WORKS

CAPITAL STRUCTURE

LONG TERM DEBT Issue	Rating	Amount Outstanding	Times Charges Earned 1959	1958	Interest Dates	Call Price	Price Range 1959	1932–59
1. Income debenture 3¾s, due 2002	[5]--	$9,300,000	35.42	44.68	A&O 1	See text	[5]--	[5]-----

CAPITAL STOCK Issue	Par Value	Amount Outstanding	Earned per Sh. 1959	1958	Divs. per Sh. 1959	1958	Call Price	Price Range 1959	1932–59
1. 3½% cumulative pfd., 1945 series	$100	26,880 shs.	$414.37	$266.18	$3.50	$3.50	101	88 –84½	[2]109¾–74
2. 3½% cumulative pfd., 1947 series	100	31,850 shs.			3.50	3.50	102½	88 –85	[3]105¾–79½
3. Common	5	6,722,052 shs.	3.57	2.52	1.62½	1.50	-----	154¾–89¾	[7]154¾–54

[2]Range since 1945. [3]Range since 1947. [5]Privately held. [7]Range since 2½-for-1 split in 1955; range from 1945 and to the split in 1955, 156¾–18.

HISTORY

Incorporated in New York Dec. 24, 1936, as a consolidation of a New York company of same name originally incorporated in 1875 and Macbeth-Evans Glass Co. incorporated in Pennsylvania in 1899. Business established in 1851 and 1869.

On Sept. 12, 1945, merged Corning Realty Co., a wholly-owned subsidiary owning Corning Building at Fifth Ave. and 56th St., New York and certain realty at Corning, N. Y.

On Nov. 28, 1918 merged Steuben Glass Inc., a subsidiary, now a division.

SUBSIDIARIES & AFFILIATES

Corhart Refractories Co., Inc. (wholly-owned): Organized in Delaware in 1927. Owns and operates refractories plant at Louisville, Ky. On Dec. 27, 1958 acquired refractories business of parent.

Corning Glass Works of Canada, Ltd. (wholly-owned): Organized in 1945. Owns 105,800 sq. ft. plant at Leaside, Ont. Corning ware for the Canadian market is processed at Leaside; and plant is used as a warehouse and distributing point for Canadian market.

Corning Glass International, S.A. (wholly owned by Corning Glass Works of Canada, Ltd.): Incorporated in Panama in 1959 with offices at Panama, R.P., Zurich, Switzerland, 717 Fifth Ave., New York and Corning, N. Y. to coordinate export of all Corning and Corhart products in all countries outside of the U. S. and Canada.

Corning Glass Works of So. America (Cristalerias Corning de Sud America, S. A.) (wholly-owned): Incorporated under Argentine laws in 1942. Owns Argentinian and Chilean patents of company and 26.04% of Cristalerias Rigolleau. Latter operates glass plant near Buenos Aires, Argentina. Also owns 22.84% of Cristalerias de Chile, which operates a glass plant at Santiago, Chile, and is exclusive licensee of company's patents in Chile.

Vidros Corning Brasil, S. A. (wholly-owned): Organized in Brazil in 1944. Owns 31% of ordinary shares and 24% of preferred shares of Cia Vidraria Santa Marina, which operates a glass plant at Sao Paulo, Brazil.

Pittsburgh Corning Corp. (50% owned): Organized in Pennsylvania in 1937 in association with Pittsburgh Plate Glass Co. Owns and operates plant at Port Allegheny, Pa., and Sedalia, Mo. for manufacture of hollow glass building blocks, also cellular glass products sold under trade name of Foamglas used in refrigeration chambers and as a flotation material.

Owens-Corning Fiberglas Corp. (31.81% owned): See general index.

Dow Corning Corp. (50% owned): Incorporated in Michigan in 1943 in association with Dow Chemical Co. Operates plant at Midland, Mich. for manufacture of electrical insulating resins, greases, fluids and elastomers resembling natural or artificial rubber, all generally known as silicones.

Sylvania-Corning Nuclear Corp. (50% owned): Incorporated in Delaware in 1957 in association with Sylvania Electric Products, Inc. (see general index). Operates plants at Bayside and Hicksville, N. Y., for research, development and production of nuclear fuel elements.

Dow Corning AG (50% owned): Incorporated in Switzerland in 1960 in associate with Dow Chemical Co., to finance and manage certain interests outside U. S.

Industrial Reactor Laboratories, Inc.: Formed jointly with nine other companies to provide facilities for atomic energy research programs of constituent companies. Began operation early in 1959.

Corning Mexicana S. A. (wholly owned): Organized in Mexico in 1951.

Corning Fibre Box Corp. (100% owned): Fabricates substantial part of paper packing material used by company in shipping products to customers and distributors.

James A. Jobling Co. Ltd. (England) (40% owned): Stock interest acquired by company in 1954 from Pilkington Brothers, Ltd. Manufactures Pyrex brand ovenware, tableware, chemical ware, and industrial specialties in a plant at Sunderland, England.

Societe des Verreries Industrielles Reunies du Loing "Sovirel" (France) (formerly La Pyrex, S. A.) (32% owned): Manufactures Pyrex brand ovenware, television bulbs, chemical ware and other products at plants at Bagneaux-sur-Loing and Aniche, France.

Other associated companies are Cristalerias Rigolleau, S. A. (Buenos Aires), Cia. Vidraria Santa Marina, S. A. (Sao Paulo), Cristalerias de Chile, S. A. (Santiago), and L'Electro Refractaire (Paris).

BUSINESS & PRODUCTS

Engaged in manufacture of glass products, including fluorescent, electric light, television and radio bulbs, electronic components; tree ornaments, tumblers, lamp chimneys, tubing, vacuum bottle liners, tableware and lighting ware, Steuben line of stemware and art glass, cooking ware, laboratory ware, insulators, lantern globes, optical glass, refractory products for chemical, metallurgical and electronics industries, etc. Most of company's products are sold under trade marks, Pyrex, Pyroceram and Vycor.

Sales offices at Corning, N. Y., New York, Chicago, San Francisco, Los Angeles, Dallas, Houston, Atlanta, Washington, D. C., Cleveland and Zurich, Switzerland.

Of 1957 consolidated net sales, about 55% represented sales of electrical and electronic products; 14% sales of consumer products, and 31% sales of technical and other products.

PLANT AND PROPERTIES

Main Plant: Corning, N. Y.: Railroad, marine and aviation signal ware; thermometer and other tubing; coffee makers; piping, special industrial glassware; optical ware; and technical glass filters, ovenware, top-of-stove cooking utensils. Pilot Plant No. 1 is located in this plant. Floor space, 1,021,800 sq. ft.

Pressware Plant: Corning, N. Y.: Television bulbs. Floor space, 331,200 sq. ft.

Fall Brook Plant: Corning, N. Y.: Machine-made tubing and small bulbs. Floor space, 253,500 sq. ft.

Refractories Plant: Corning, N. Y.: Refractories. Floor space, 71,000 sq. ft.

VYCOR Plant: Corning, N. Y.: VYCOR ware and special products. Floor space, 81,400 sq. ft.

Pilot Plant No. 2: Corning, N. Y.: To study new manufacturing methods under production conditions. Floor space, 55,800 sq. ft.

Glass Center: Corning, N. Y.: Employee's recreation center and Hall of Science and Industry. Floor space, 57,500 sq. ft.

Mechanical Engineering Building: Corning, N. Y.: Central machine shop and machine development departments. Floor space, 57,700 sq. ft.

Houghton Park: Corning, N. Y. Includes in addition to Steuben Plant and Corning Glass Center an administration building, 114,400 sq. ft.; research laboratory, 60,100 sq. ft.; development workshop, 68,200 sq. ft.

Corning Fibre Box Corp.: Corning, N. Y.: Fibre boxes. Floor space, 170,000 sq. ft.

Big Flats, N. Y., Plant: Chemical and laboratory glassware and other miscellaneous industrial glassware. Floor space, 152,000 sq. ft.

Wellsboro, Pa., Plant: Machine-made bulbs; Christmas tree ornaments. Floor space, 298,400 sq. ft.

Central Falls, R. I. Plant: Machine-made tubing, bulbs and vacuum bottle liners. Floor space, 441,400 sq. ft.

Charleroi, Pa. Plant: Housewares, tableware, lighting ware, miscellaneous products. Floor space, 612,100 sq. ft.

Bradford, Pa., Plant: Electronic components. Floor space, 142,560 sq. ft. Also leased plant; floor space, 18,500 sq. ft.

Parkersburg, W. Va. Plant: Machine-made tubing; chemical and apparatus ware; gauge glasses; miscellaneous industrial ware and piping. Floor space, 272,600 sq. ft.

Muskogee, Okla., Plant: Laboratory and coffee making ware. Floor space, 135,600 sq. ft.

Albion, Mich. Plant: Manufactures television bulbs. Floor space, 530,300 sq. ft.

Danville, Ky. Plant: Manufactures bulbs and tubing. Floor area, 270,400 sq. ft.

Harrodsburg, Ky. Plant: Manufacturers optical and ophthalmic glass. Floor area, 103,000 sq. ft.

Greenville, O.: Pyrex ware plant. Floor area, 265,000 sq. ft.

New York Office: Office building and Steuben retail shop. Company and associates occupy about 33⅓%, balance leased. Floor space, 345,000 sq. ft.

Corning Glass Works of Canada, Ltd.: Leaside, Ont.: Housewares; warehouse and distributing point. Floor space, 105,800 sq. ft.

Corhart Refractories Co., Louisville, Ky.: Refractories. Floor space, 142,500 sq. ft.

Sydney, Australia: Small plant for manufacture of bulbs for television tubes. Floor space, 50,000 sq. ft.

Total floor space, all plants, 6,244,360 sq. ft. including 2,377,700 sq. ft. at Corning, N. Y.

New Plants: Company has under construction a plant at Martinsburg, W. Va. for the manufacture of Corning ware and a plant for the assembly and distribution of Corning ware and Pyrex ware at Greencastle, Pa.

MANAGEMENT

Officers:
Amory Houghton, Chairman
William C. Decker, President
Charles D. LaFollette, Fin. Vice-Pres.
Amory Houghton, Jr., Staff Vice-Pres.
William H. Armistead, Vice-President
Paul T. Clark, Vice-President
John L. Hanigan, Vice-President
John F. G. Hicks, Vice-President
N. J. Vang, Vice-President
R. Lee Waterman, Vice-President
Arthur W. Weber, Vice-President
Frederick H. Knight, Secretary
Thomas Waaland, Treasurer
J. L. Ward, Controller
Henry H. Sayles, Assistant Secretary
William W. Sinclaire, Assistant Secretary
C. H. Kruidenier, Assistant Treasurer
Robert W. Foster, Assistant Controller

Honorary Officers
Eugene C. Sullivan, Hon. Chairman
Harry M. Hosier, Honorary Vice-Pres.
Jesse T. Littleton, Honorary Vice-Pres.
G. D. Macbeth, Honorary Vice-Pres.

Directors:
W. C. Decker, Corning, N. Y.
Amory Houghton, Corning, N. Y.
Amory Houghton, Jr., Corning, N. Y.
Arthur A. Houghton, Jr., New York
Charles D. LaFollette, Corning, N. Y.
George D. Macbeth, Corning, N. Y.
George Murnane, New York
R. D. Murphy
R. V. N. Hadley, Jr., Corning, N. Y.
Howard C. Sheperd, New York
Walter Bedell Smith, Washington, D. C.
Eugene C. Sullivan, Corning, N. Y.

Auditors: Price Waterhouse & Co.
Annual Meeting: Second Tuesday in Apr.
Number of Stockholders, Jan. 3, 1960 (all classes), 12,845.
Number of Employees: Dec. 31, 1958, 13,000.
Main Office: Corning, N. Y.

INCOME ACCOUNT

COMPARATIVE CONSOLIDATED INCOME ACCOUNT, YEARS ENDED

	Jan. 3,'60	Dec. 28,'58	Dec. 29,'57	Dec. 30,'56	Jan. 1,'56	Jan. 2,'55	Dec. 31,'53
Net sales	$204,887,424	$159,137,729	$159,069,721	$163,053,554	$157,663,837	$147,938,842	$149,294,036
[2]Cost of sales	133,887,424	108,092,336	111,329,776	109,015,676	102,830,612	97,019,437	99,731,973
[2][1]Selling, gen & adminis. exps.	25,379,666	16,791,054	15,893,734	14,638,269	13,409,574	12,326,938	11,826,845
Research & development expenses	8,132,645	6,903,224	5,630,697	4,792,272	5,319,275	4,493,529	5,220,558
Operating profit	37,861,411	27,351,115	26,215,514	34,607,337	36,104,376	34,098,938	32,514,640
Other income	8,071,216	6,162,427	5,541,296	3,832,717	3,574,689	2,398,466	1,977,743
Total income	45,932,627	33,513,542	31,756,810	38,440,054	39,679,065	36,497,404	34,492,383
Interest, etc.	1,296,728	749,999	723,406	707,301	782,394	506,213	452,988
Federal income tax	20,300,000	15,600,000	14,500,000	18,900,000	19,900,000	18,200,000	17,286,000
Federal excess profits tax	--------	--------	--------	--------	--------	--------	3,814,000
State income tax	--------	--------	--------	400,000	370,000	301,000	258,000
Net income	24,335,899	17,163,543	16,533,404	18,432,753	18,626,671	17,490,191	12,681,395
Earned surplus, Jan. 1	66,470,956	59,612,267	53,362,886	44,728,683	54,820,569	45,577,287	38,491,550
[4]Surplus credits	--------	--------	--------	429,735	--------	--------	--------
Preferred dividends	216,582	228,351	231,370	236,755	264,647	269,885	277,672
Common dividends	10,963,143	10,076,503	10,052,653	9,991,530	9,980,655	7,977,024	5,318,016
Surplus charges	--------	--------	--------	--------	[3]18,473,255	--------	--------
Earned surplus, Dec. 31	$79,627,130	$66,470,956	$59,612,267	$53,362,886	$44,728,683	$54,820,569	$45,577,287
SUPPLEMENTARY P. & L. DATA							
Maintenance & repairs	$17,052,335	$12,611,204	$11,642,565	12,944,160	11,079,784	9,413,891	Not stated
Depreciation, depl. & amort.	8,427,873	7,984,072	5,936,242	6,659,124	5,899,031	5,848,254	5,643,223
[7]Taxes, other than income	5,396,080	4,183,082	3,453,004	4,066,298	3,798,631	3,246,790	Not stated
Rents	1,550,156	851,851	950,000	1,506,675	945,467	719,387	--------
Royalties	--------	--------	--------	--------	40,648	139,878	--------

[1]1956-53: Include contributions to the Corning Glass Works Foundation (a charitable corporation established during 1952): 1956, $900,000; 1955 and 1954, $1,794,000; 1953, $1,333,000.

[2]Includes related portions of items shown under "Supplementary p. & l. data" shown below amount.

[3]Transfer to capital in connection with common stock split.

[4]1956: Represents undistributed earned surplus of wholly-owned subsidiary consolidated during year.

[7]Includes payroll taxes.

General: (a) Company's equity in undistributed earnings of its major domestic affiliated companies (Dow Corning Corp., Owens-Corning Fibreglas Corp., Pittsburgh Corning Corp. and from 1957, Sylvania-Corning Nuclear Corp.) was: 1959, $2,372,730; 1958, $2,227,736; 1957, $2,509,732; 1956, $4,412,688; 1955, $5,323,607; 1954, $2,973,661; 1953, $3,127,960 and is not included in above statements.

(b) Company's share in undistributed earnings of its wholly owned foreign associates and subsidiary companies not consolidated was: 1959, $1,436,319; 1958, $314,580; 1957, $631,086; 1956, $359,928; 1955, $43,964; 1954, $143,712; 1953, d $174,974.

(c) Commencing Jan. 1, 1954, parent company adopted the sum-of-the-years-digits method of computing depreciation of fixed assets as permitted by the Internal Revenue Code of 1954. The effect of this change on income for 1954 was not material.

Record of Earnings, years ended Dec. 31 (in $):

Year	Net Sales	Cost and Expenses	Operating Profit	Oth. Inc. & Ded. (Net)	Inc. Bef. Taxes	Income Taxes	Net Income	Common Dividends	Com. Shs. Outstand.	Earn. Per Com. Sh.
1942	43,277,815	33,887,332	9,390,483	d 354,000	9,036,483	6,417,708	2,618,775	1,285,536	642,768	3.85
1943	51,000,281	42,689,218	9,311,063	d 350,566	8,960,497	6,366,130	2,594,367	1,285,536	642,768	3.93
1944	52,398,020	44,190,437	8,207,583	d 1,255,173	6,952,410	4,959,718	1,992,692	1,285,536	650,777	3.05
1945	48,202,201	44,141,289	4,060,912	d 383,885	3,677,027	1,292,080	2,384,947	1,317,654	2,634,708	0.86
1946	55,851,710	50,572,664	5,279,046	817,701	4,461,345	1,660,700	2,800,645	1,317,254	2,634,308	1.00
1947	61,295,727	57,145,718	4,150,009	d 549,100	3,600,909	1,382,500	2,218,409	1,317,154	2,634,308	0.73
1948	67,866,101	60,609,294	7,256,807	d 1,161,264	6,095,543	2,447,290	3,648,253	1,317,154	2,634,308	1.25
1949	73,197,782	61,618,194	11,579,588	236,848	11,816,436	4,738,052	7,078,384	2,634,308	2,634,308	2.56
1950	116,473,981	81,573,689	34,900,292	770,495	35,670,787	18,058,432	17,612,355	5,287,366	2,649,533	6.53
1951	115,750,172	93,052,059	22,698,113	1,164,551	23,862,664	13,721,500	10,141,164	5,318,016	2,659,008	3.70
1952	126,455,784	98,811,014	27,644,770	871,386	28,516,156	18,193,000	10,323,156	5,318,016	2,659,008	3.77
1953	149,294,036	116,779,396	32,514,640	1,524,755	34,039,395	21,358,000	12,681,395	5,318,016	2,659,008	4.66

BALANCE SHEET

CONSOLIDATED BALANCE SHEET, AS OF

ASSETS	Jan. 3,'60	Dec. 28,'58	Dec. 29,'57	Dec. 30,'56	Jan. 1,'56	Jan. 2,'55	Dec. 31,'53
Cash	$15,017,506	$16,289,418	$13,732,387	$20,848,080	$18,121,173	$14,598,996	$13,256,364
U. S. Govt. securities (at cost)	30,217,606	28,004,996	24,468,179	26,930,815	32,832,445	32,423,937	24,288,014
Receivables, net	21,435,936	15,802,082	11,359,646	10,971,652	10,908,958	9,844,001	7,703,700
[1]Inventories	28,169,480	21,149,611	20,723,796	19,513,477	17,798,250	15,764,160	18,599,312
Prepaid expenses	898,988	1,116,145	1,069,977	1,109,982	1,094,180	920,786	863,472
Total current assets	$95,739,516	$82,362,252	$71,353,985	$79,374,006	$80,755,006	$73,551,880	$64,710,862

BALANCE SHEETS

COMPARATIVE BALANCE SHEETS, AS OF DEC. 31

ASSETS	1959	1958	1957	1956	1955	1954	1953
Cash	$12,469,745	$5,006,123	$6,656,167	$13,481,284	$14,966,688	$13,936,970	$9,021,071
Accounts receivable	15,060,489	17,629,148	5,837,553	8,015,040	5,543,957	6,746,698	8,690,334
[1]Expenditures:							
On shipbldg. contracts & est. profits thereon, less billings	12,733,691	22,641,547	33,785,590	11,845,973	8,665,371	9,711,598	14,231,039
On uncompleted hydraulic turbines etc., less billings	3,583,114	7,614,862	7,295,214	8,840,938	5,130,671	7,670,915	9,317,216
[2]Material & supplies	6,789,961	6,754,042	7,640,223	6,733,406	4,598,644	3,999,849	5,378,807
Prepaid and deferred items	560,988	628,185	847,598	578,955	568,498	591,755	652,535
Total current assets	$51,197,988	$60,273,907	$62,062,345	$49,495,596	$39,473,829	$42,657,785	$47,291,002
Invest. in wholly-owned subsidiary	100,000	100,000	100,000	100,000	--------	--------	--------
Buildings, equip., etc.—cost	52,918,024	49,960,839	44,246,559	41,164,811	38,491,251	36,656,988	35,628,245
Depreciation and amortization	25,515,827	23,882,702	22,253,614	21,105,338	19,835,483	18,800,488	17,953,152
Net buildings, etc.	27,402,197	26,078,137	21,992,945	20,059,473	18,655,768	17,856,500	17,675,093
Land, at cost	1,450,129	1,441,872	1,398,011	1,323,970	1,282,850	1,258,175	1,245,649
Small tools, net	1,020,362	1,068,631	760,569	466,227	675,394	922,606	1,086,803
Total	$81,170,676	$88,962,547	$86,313,870	$71,445,266	$60,087,841	$62,695,066	$67,298,547
LIABILITIES							
Notes payable	--------	$5,000,000	$3,500,000	--------	--------	--------	$5,000,000
Accounts payable	$4,779,708	7,300,869	7,483,763	$5,254,306	$3,583,845	$3,754,256	3,615,205
Accrued wages, vacations, etc.	8,742,838	7,916,462	7,193,469	5,222,064	4,478,221	5,223,495	4,504,001
[3]Accrued taxes	2,774,916	6,744,509	8,492,468	3,603,592	1,218,479	6,276,631	9,995,329
Misc. provisions & accruals	2,714,577	1,258,921	970,602	1,286,795	1,106,170	1,235,682	1,357,387
[6]Excess billings	1,082,052	3,729,086	5,484,100	6,099,171	1,121,517	48,577	634,573
Total current liabilities	$20,094,091	$31,949,847	$33,124,402	$21,465,928	$11,508,232	$16,538,641	$25,106,495
[9]Common stock	20,995,910	20,926,490	20,805,200	20,000,000	20,000,000	20,000,000	3,500,000
[4]Capital surplus	284,041	181,722	6,932	--------	--------	--------	--------
Earned surplus	39,796,634	35,904,488	32,377,336	29,979,338	28,579,609	26,156,425	38,692,052
Total	$81,170,676	$88,962,547	$86,313,870	$71,445,266	$60,087,841	$62,695,066	$67,298,547
Net current assets	$31,103,897	$28,324,060	$28,937,943	$28,029,668	$27,965,597	$26,119,144	$22,184,507

[1]See General Notes under Income Account.
[2]At average cost.
[3]Less treasury tax anticipation certificates and interest thereon: 1959, $6,895,390; 1958-57, none; 1956, $1,768,715; 1955, $6,038,548; 1954, $5,020,833.
[4]Excess consideration received for common stock purchased by employees under restricted option plan over stated value of $13 per share.
[6]Billings on shipbuilding contracts in excess of expenditures and profits recorded thereon. See General Notes under Income Account.
[9]Represented by $1 par shares: 1959, 1,615,070; 1958, 1,609,730; 1957, 1,600,400; 1956 and prior years, 800,000.

STATISTICAL RECORD

	1959	1958	1957	1956	1955	1954	1953
Earned per share—common	$4.81	$4.19	$4.00	$4.25	$6.03	$8.96	$6.52
Dividends per share—common	$2.40	$2.00	[2]2.75	$2.50	$3.00	$4.00	$3.00
Price range—common	49⅜–35	50⅝–36¼	[3]42⅞–36¾	87½–50	78¾–41¾	49½–25⅝	34-23¾
Net tangible assets per share—com.	$37.82	$35.42	$33.24	$62.47	$60.72	$57.70	$52.74
Number of shares—common	1,615,070	1,609,730	1,600,400	800,000	800,000	800,000	800,000

[2]Includes $1.50 prior to 100% stock dividend.
[3]After 100% stock dividend; before, 84½-67¼.

CAPITAL STOCK

1. Newport News Shipubilding & Dry Dock Co. common; par $1:

AUTHORIZED—3,000,000 shares; outstanding, 1,615,070 shares; reserved for options, 104,930 shares; par $1 (changed from $100 par Aug. 8, 1940, 0.65 preferred share and eight $1 common shares issued for each $100 share).

DIVIDENDS (payments since 1904 follow):

On $100 par shares:

1906	$15.00	1907–18	Nil	1919	$55.00
1920	100.00	1921	Nil	1922	[1]
1923–30	Nil	1931	$1.00	1932	4.50
1933	6.00	1934	6.00	[1]1935	12.00
1936	8.50	1937–38	1.00	1939	10.00
1940	6.00				

On $1 par shares:

1940	1.00	1941–45	2.50	1946	4.00
1947	3.25	1948–49	2.00	1950	2.50
1951	3.00	1952	2.50	1953	3.00
1954	4.00	1955	3.00	1956	2.50
[1]1957	1.50				

On $1 par shares (after 100% stock div.):

1957	1.25	1958	2.00	1959	2.40
[2]1960	0.40				

[1]Stock dividends: 1922, 400%; 1935, 48.2%; 1957, 100%.
[2]To Mar. 2.

Dividends payable quarterly about Mar. 2, etc., to stock of record about Feb. 15, etc.

VOTING RIGHTS—Has one vote per share.

PREEMPTIVE RIGHTS—None.

LISTED—On New York Stock Exchange.

TRANSFER AGENTS — Morgan Guaranty Trust Co., New York and First & Merchants National Bank, Richmond, Va.

REGISTRARS—Marine Midland Trust Co., New York, and Central National Bank, Richmond.

DIVIDEND DISBURSING AGENT — Morgan Guaranty Trust Co., New York.

Stock Options held by officers and employees at Dec. 31, 1959, on 46,540 shares at prices from $29.27 to $41.44 per share.

OWENS-CORNING FIBERGLAS CORPORATION

CAPITAL STRUCTURE

LONG TERM DEBT Issue	Rating	Amount Outstanding	Times Charges Earned 1959	1958	Interest Dates	Call Price	Price Range 1959	1932–59
1. Term loans	[1]--	$25,000,000	43.68	30.97	------	---	[1]--	[1]-----

CAPITAL STOCK Issue	Par Value	Amount Outstanding	Earned per Sh. 1959	1958	Divs. per Sh. 1959	1958	Call Price	Price Range 1959	1932–59
1. Common	$1	6,602,988 shs.	$2.43	$1.67	$0.80	$0.80	---	94¾–61¼	[2]94¾–35¼

[1]Privately held. [2]Range since 2-for-1 split in 1956; range from 1952 and to the split in 1956, 147-38.

HISTORY

Incorporated under Delaware laws Oct. 31, 1938, by Owens-Illinois Glass Co. and Corning Glass Works to continue development of fibrous glass products.

On Nov. 30, 1954, Fiberglas Contracting & Supply Co. and Fiberglas Engineering & Supply Co., former subsidiaries, were dissolved; now operated as divisions.

AFFILIATION

Company is affiliated with Owens-Illinois Glass Co. and Corning Glass Works, see general index, through stock ownership (see common stock, below).

Owns 49% of common and 50% of preferred stock of Fiberglas Canada Limited; 40% of Vitro Fibras, S.A., of Mexico; 40% of common of Asahi Fiber Glass, Ltd., of Japan; and 40% of common of Australian Fibre Glass Pty., Ltd.; also interests in New Zealand Fibre Glass Ltd. and Owens-Corning Fiberglas International S. A. (Panama).

Fiberglas Corp. (Del.), wholly-owned, is considered not significant.

BUSINESS & PRODUCTS

Company is engaged in development and manufacture of fibrous glass products, distributed by its own sales organization which has 60 sales offices located in cities throughout the United States.

Company's products can be classified into the following five groups: (1) Fiberglas "wool" products, used for thermal insulation and acoustical applications; (2) Fiberglas textile products, consisting of strands, yarns and cords, used by other companies in manufacture of electrical insulation and decorative and industrial fabrics, as reinforcements for plastics, papers, twines and rubber goods and for other industrial purposes; (3) Fiberglas Aerocor, an extremely light weight wool product used as an insulating and sound control material; (4) Fiberglas filter products, used in heating, air conditioning and ventilating systems and in industrial processes; and (5) Fiberglas mat products, consisting of porous thin sheets used principally in manufacture of storage batteries and as protective wrapping for underground pipes.

In 1958 a new type of roofing material was added.

PLANTS & PROPERTIES

Company owns plants at Newark, O., Kansas City, Kan., Santa Clara, Cal., Barrington, N. J., Anderson, S. C., Ashton, R. I. Huntingdon, Pa. and Berlin, N. J., with combined floor area of 4,519,000 sq. ft. including 139,000 sq. ft. research center at Granville, O. A 596,000 sq. ft. plant at Aiken, S. C. will be completed in 1960.

Toledo office and sales offices in principal cities are leased.

Capital outlays of approximately $40,000,000 in 1960 were contemplated including completion of New Aiken, S. C., plant.

Affiliate Plants: Canadian affiliate has plants with an aggregate floor space of 370,000 sq. ft. at Sarnia and Guelph, Ont. Japanese and Mexico affiliates completed new plants in 1958.

MANAGEMENT

Officers:
Harold Boeschenstein, President
Games Slayter, Vice-Pres. (Research)
H. R. Winkle, Vice-Pres. (Finance)
B. S. Wright, Vice-Pres. (Purchases & Transportation)
J. M. Briley, Vice-Pres., Gen. Counsel
L. R. Kessler, Vice-Pres. (Oper.)
W. H. Curtiss, Jr., Vice-Pres. (Mktg.)
B. E. Boyd, Vice-Pres. (Mfg.), General Products Division
E. J. Detgen, Vice-Pres. (Home Bldg. Prod.)
E. W. Smith, Vice-President
J. H. Thomas, Vice-Pres. & Gen. Mgr., Pacific Coast Division
W. M. Keller, Vice-Pres. (Fiberglas Reinforced Plastics)
T. V. Fowler, Vice-Pres. (Sales to Mfrs.)
J. A. McKay, Vice-Pres. (Ind. & Com. Constr. Materials)
S. J. Weinberg, Jr., Vice-Pres. (Fiberglas Textile Fabrics)
W. J. Clark, Vice-Pres. (Advt.)
J. W. Trimble, Vice-Pres. (Sales)
W. H. Boeschenstein, Vice-Pres. (Sales)
R. E. Brown, Vice-Pres. (Sales)
D. W. Ladd, Vice-Pres. (Sales)
H. S. Neipp, Vice-Pres. (Sales)
C. G. Staelin, Secretary
C. F. Scarbrough, Treasurer
H. M. Cranston, Compt. & Asst. Treas.
Frederick Kiel, Assistant Treasurer
A. C. Freligh, Assistant Treasurer
J. W. Overman, Assistant Secretary
H. H. Keech, Asst. Treas. & Asst. Sec.

Directors:
Harold Boeschenstein
J. E. Bierwirth
F. M. Eaton
J. M. Kemper
D. W. Malott
H. J. Morgens
W. J. Murray, Jr.
R. T. Stevens

Auditors: Arthur Andersen & Co.
Annual Meeting: Fourth Wednesday in Apr.
No. of Stockholders: Dec. 31, 1959, 9,641.
No. of Employees: 1959 (average), 9,765.
General Offices: National Bank Bldg., Toledo 1, O.
New York Office: 717 Fifth Ave.

Financial and Operating Ratios	1959	1958	1957	1956	1955	1954	1953
Current assets ÷ current liabilities	3.11	3.45	3.25	3.21	3.08	3.04	2.44
% cash and secur. to current assets	34.18	28.62	26.08	31.36	43.84	45.69	64.24
[5]% inventory to current assets	37.14	39.75	42.35	37.74	33.14	33.57	19.83
[4]% net current assets to net worth	39.42	34.92	36.06	38.04	41.07	38.64	52.05
% property depreciated	53.91	50.94	48.43	46.67	45.27	43.19	45.55
% annual depr. & depl., to gross prop.	5.40	5.65	5.68	5.68	5.64	4.09	3.34
Capitalization:							
% long-term debt	27.06	29.03	30.07	31.97	33.15	34.65	36.75
% com. stk. surp. & surp. res.	72.94	70.97	69.93	68.03	66.85	65.35	63.25
[5]Sales ÷ inventory	7.05	7.19	6.91	7.54	7.73	7.28	9.07
Sales ÷ receivables	9.13	9.03	9.28	9.21	11.12	11.78	11.30
% sales to net property	153.21	130.47	140.22	141.38	140.91	120.98	147.97
% sales to total assets	91.65	84.93	90.29	90.15	86.72	77.05	77.65
% net income to total assets	6.37	4.57	6.77	6.33	7.19	6.25	6.43
[4]% net income to net worth	10.58	7.57	11.45	11.04	12.93	11.42	13.12
Analysis of Operations	%	%	%	%	%	%	%
Total gross sales and revenues	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Cost of sales and operating expenses	69.33	71.76	71.86	70.88	68.46	70.32	71.52
Depreciation & depletion	7.65	8.83	7.86	7.53	7.32	5.96	4.15
Selling, general and other expenses	8.93	9.18	8.47	8.64	8.36	9.08	8.44
Gross operating income	14.09	10.23	11.81	12.95	15.86	14.64	15.89
Dividends and other income	0.71	0.66	2.23	0.64	0.64	1.42	1.11
Total income	14.80	10.89	14.04	13.59	16.50	16.06	17.00
Interest charges	0.92	1.10	1.06	1.09	1.16	1.41	1.24
Income & excess profits taxes	6.93	4.40	5.48	5.48	7.05	6.54	7.48
Net income	6.95	5.39	7.50	7.02	8.29	8.11	8.28

[1]Paid prior to 2-for-1 split. [2]After 2-for-1 split; before, 132-92. [3]1956: $4.88 before 3% stock dividend; 1955: $5.71 before 5% stock dividend. [4]Net worth includes reserve for increased cost replacement (surplus reserve). [5]Based on net inventory for 1953 and prior years. [6]Plus 3% stock dividend in 1956 and 5% in 1955.

LONG TERM DEBT

1. Allied Chemical & Dye Corp. debenture 3½s, due 1978:

Rating—Aa

AUTHORIZED — $200,000,000; outstanding, $175,436,000.

DATED—Apr. 1, 1953.

MATURITY—Apr. 1, 1978.

INTEREST—A&O 1 at Chase Manhattan Bank, New York.

TRUSTEE—First National City Trust Co., New York.

DENOMINATION—Coupon, $1,000 and $100,000; registrable as to principal; fully registered, $1,000, $5,000, $10,000 and authorized multiples of $1,000 C & R and denominations interchangeable.

CALLABLE—As a whole or in part on at least 30 days' notice at any time to April 1, incl., as follows:

1957	102½	1960	102	1963	101½
1966	101	1969	100½	1978	100

Also callable for sinking fund (which see) to April 1, incl., as follows:

1957	101¼	1960	101	1963	100¾
1966	100½	1969	100¼	1978	100

SINKING FUND — Fixed payments each Mar. 31 as follows: 1959-63, $7,000,000; 1964-68, $9,000,000; 1969-73, $11,000,000; 1974-77, $13,000,000, with right to anticipate payments through voluntary retirement of debentures at lower of sinking fund redemption price or cost thereof. In addition, but not in reduction of mandatory payments, optional cash payments up to $5,000,000 may be made each Mar. 31, 1954-77. Cash in sinking fund if sufficient to redeem at least $25,000 debentures is to be used on Apr. 1 for redemption of debentures at sinking fund call price.

SECURITY—Not secured by mortgage. Company and any subsidiary will not mortgage property unless debentures are equally and ratably secured therewith, except for (1) purchase money or existing mortgages up to 66 2/3% of lower of cost or fair value of property, as provided and (2) other permitted liens. If on any consolidation or sale of substantially all properties, any property would become subject to mortgage, debentures will be secured by direct prior lien thereon except for any existing lien.

RIGHTS ON DEFAULT—In event of default (30 day grace period for payment of interest or fixed sinking fund), trustee or 25% of debentures may declare debentures due and payable.

INDENTURE MODIFICATION — Indenture may be modified, except as provided, with consent of 66 2/3% of debentures.

PURPOSE—Proceeds for plant expansion, additions and improvements and for working capital.

LEGAL—For savings banks in Maine, Massachusetts, New Jersey and New York.

OFFERED—($200,000,000) at 99 proceeds to company, 98) on April 1, 1953 by Morgan Stanley & Co., New York and associates.

CAPITAL STOCK

1. Allied Chemical Corp. common; par $9:

AUTHORIZED—24,000,000 shares; issued and outstanding, 19,906,318 shares; reserved for options, 463,637 shares; par $9.

No par shares split 4-for-1 in Aug. 1950; changed from no par to $18 in Apr. 1956, share for share; from $18 to $9 Dec. 21, 1959 by 2-for-1 split.

Of shares outstanding, 2,419,252 (12.2%) held Feb. 28, 1960 by The Bank of New York, successor under voting trust agreement dated Oct. 21, 1957, between North American Solvay, Inc. and First National City Bank, New York.

Dividend Record (in $)

1921	3.00	1922-26	4.00	[1]1927-36	6.60
1937	7.50	1938	6.00	1939	9.00
1940-41	8.00	1942	7.00	1943-45	6.00
1946	8.00	1947-48	9.00	1949	10.00
1950	4.00				

(No par shares—after 4-for-1 split.)

1950	2.00	[1]1951-55 ($18 par shares)	3.00	1956	0.75
[1]1956	2.25	1957-58 ($9 par shares)	3.00	1959	3.15
[2]1960	0.90				

[1]Also paid stock dividends: Jan. 3, 1930, Jan. 3, 1931, and Dec. 15, 1955, 5%; Dec. 14, 1956, 3%.

[2]To June 12.

Dividends payable quarterly March 10, etc. to stock of record about Feb. 13, etc.

PREEMPTIVE RIGHTS — Has preemptive rights.

LISTED—New York Stock Exchange; unlisted trading on Boston, Philadelphia-Baltimore and Pacific Coast Stock Exchanges.

TRANSFER AND DIVIDEND DISBURSING AGENT—Morgan Guaranty Trust Co., New York.

REGISTRAR—Bankers Trust Co., New York.

ISSUED—At various times. For details see Moody's 1949 Industrial Manual.

Stock Options held by key employees at Dec. 31, 1959, on 345,857 shares at prices from $30.40 to $57.75 per share expire to 1969.

OWENS-ILLINOIS GLASS COMPANY

CAPITAL STRUCTURE

LONG TERM DEBT Issue	Rating	Amount Outstanding	Times Charges Earned 1959	Times Charges Earned 1958	Interest Dates	Call Price	Price Range 1959	Price Range 1932-59
1. Promissory notes	[2]--	$50,000,000	23.34	19.67	-------	-------	[2]---	[2]--------
2. Debenture 3¾s, due 1988	Aa	49,200,000			J&D 1	[5]105.40	95-87	[6]100½-87

CAPITAL STOCK Issue	Par Value	Amount Outstanding	Earned per Sh. 1959	Earned per Sh. 1958	Divs. per Sh. 1959	Divs. per Sh. 1958	Call Price	Price Range 1959	Price Range 1932-59
1. 4% cum. preferred	$100	822,991 shs.	$49.61	$39.78	$4.00	$4.00	[5]104.75	110½-97¾	[4]110½-86
2. Common	6.25	7,216,692 shs.	5.20	4.12	2.50	2.50	-------	104¾-79½	[1]104¾-50¾

[1]Range since 2-for-1 split in 1955; range from 2-for-1 split in 1937 and to the 2-for-1 split in 1955, 131½-38¾; range from 1932 and to the split in 1937, 200-12. [2]Privately held. [4]Range since 1956. [5]Subject to change—see text. [6]Range since issuance.

HISTORY

Incorporated in Ohio, Dec. 16, 1907 as The Owens Bottle Machine Corp., successor to a New Jersey corporation of the same name, incorporated Sept. 3, 1903. Charter is perpetual. Name changed to The Owens Bottle Co Apr. 9, 1919 and to Owens-Illinois Glass Co. Apr. 17, 1929.

For subsequent acquisitions, see Moody's 1948 and 1949 Industrial Manuals.

In 1951 company purchased Sameric, Inc., Riverdale, N. J., manufacturer of thermoplastic caps and closures for glass and metal containers and plastic articles.

On Apr. 1, 1952 company sold American Coating Mills division to Robert Gair Co., Inc., for $6,170,190 and 400,000 shares of Gair common stock. Transaction involved paperboard mills at Elkhart, Ind., and Middletown, O., and carton plants at Elkhart, Chicago and Grand Rapids, Mich.

On Dec. 16, 1952, formed Owens-Illinois Inter-America Corp., wholly-owned.

On Sept. 16, 1953, acquired 50% interest in Plax Corporation (Del.), from Emhart Manufacturing Co. at a cost of $8,000,000 (sold in 1957).

On Oct. 4, 1956, merged National Container Corp. (Del.); reincorporated in Ohio and operated as a subsidiary. Under the plan each common share was exchanged for one-fifth share of $100 4% preferred and one-fourth common share and each preferred share for 352/1000 of a preferred share and 44/100 of a common share. Exchange required 822,991 preferred shares and 1,028,739 common shares.

Company's Kaylo Division, manufacturing a fireproof insulating hydrous calcium silicate material, was sold to Owens-Corning Fiberglas Corp. in May, 1958.

In Sept., 1959, properties and inventories of Owens-Illinois Plywood, Inc. (Vt.) were sold to Roddis Plywood Corp. and subsidiary liquidated. Also in 1959, company liquidated Glasco Products Co. (Ill.), National Container Corp. of Mich. (Mich.), and Toledo Automatic Brush Machine Co. (Ohio), former subsidiaries. Also formed Bristol Paper Products Corp. (Pa.) and Northeastern Container Corp. (Pa.), as wholly-owned subsidiaries. On Nov. 2, 1959, acquired entire capital stock of Keystone Brass Works (Pa.) for 19,459 common shares; renamed Libbey Plastics, Inc., a wholly-owned subsidiary.

SUBSIDIARIES

Company is primarily an operating company.

On Dec. 31, 1959, held 100% voting power in the following subsidiaries:

Name, place of incorporation and business:

Bristol Paper Products Corp. (Pa.)

Libbey Plastics, Inc. (Pa.)

Lauterbach Corp. (Del.)—Plastic molding machinery

Kimble Glass Co. (Ohio)—Television bulbs, glass tubing and rod, laboratory apparatus, glass block, insulators and miscellaneous pressed glass articles.

Owens-Illinois Inter-America Corp. (Ohio)—Sells company products in Western Hemisphere outside of the U. S.

Owens-Illinois International, S. A. (Switzerland)—Formed early in 1960; headquarters in Geneva.

Owens-Illinois Silica Co. (Mich.)

Owens-Illinois Thinlite, Inc. (Ohio)

Marinette, Tomahawk & Western R.R. Co. (Wisc)—(see Moody's Transportation Manual).

Northeastern Container Corp. (Pa.)

O-I Timber Corp. (Wisc.)

National Container Corp. of California (Cal.)

Valdosta Southern R.R. Co. (Fla.)

Names of 5 unconsolidated foreign subsidiaries are omitted from above list since, considered in aggregate, they would not constitute a significant subsidiary.

Other Investments: As of Dec. 31, 1959, Owens-Illinois Glass Co. owned 2,100,000 common shares (about 33 1/3%) of Owens-Corning Fiberglas Corp. (see general index). Amount includes 864,141 shares reserved for exchange—see 4% preferred, below.

Also owned 334,813 common shares of Continental Can Co. held in voting trust.

Also owned 180,000 shares of Container Corp. of America (see general index), 338,130 shares of Monsanto Chemical Co. (see general index) and 74,428 shares of Pennsylvania Glass Sand Corp. (see general index).

Company also has majority interest in Actien-Gesellschaft der Gerresheimer Glashuttenwerke vorm. Ferd. Heye (Germany) and

Compagnie Internationale de Gobeleterie Inebrechable, S. A. "Durober" (Belgium); and minority interest in Companhia Industrial Sao Paulo E Rio "Cisper" (Brazil).

BUSINESS AND PRODUCTS

The general organization is composed of an administrative division and several operating divisions and subsidiaries.

Glass Container Division—Comprises largest part of company's business, with manufacturing plants located to serve all sections of the country. Operates container factories and sales offices east of the Rocky Mountains. Products include glass containers sold under the trade-mark Duraglas. These are used for packaging prepared and processed food, medicinal, health, dairy, household, toiletry and cosmetic products, beer, carbonated beverages, liquor and wine. Major plants of this division also produce corrugated shipping cases for their own use.

Pacific Coast Division—Independent operating division with glass container factories, sand plants, closure plant, and sales offices, located west of the Rocky Mountains. Operations in the West parallel those of Glass Container Division in the East.

Closure and Plastics Division—Independent operating division. Manufactures metal and plastic closures and other plastic products which are sold by company's other divisions and subsidiaries.

Libbey Glass Division—Produces Libbey Safedge glass tumblers, stemware, and tableware for the retail trade and for hotels, restaurants, cafes, clubs, bars and soda fountains; cut and engraved glassware. Also makes tumblers used as jars for packing food products, "melamine" plastic dinnerware.

Mill Division—Operates paper mills and is important part of company's paper products business which also comprises National Container Corp. of California (subsidiary) and Multiwall Bag Division. Processes pine and hardwood, from company-owned and other sources, into pulp, containerboard and semi-chemical corrugated medium. Sells to company and to others.

Multiwall Bag Division—Makes wide line of paper bags for sale to others.

Electronic Products Division—Manufactures and sells complete line of glass television bulbs.

Blown and Tubular Products Division—Manufactures glass tubing and rod and products made from them, including ampuls, vials, syringe cartridges, etc.

Industrial Materials Division—Manufactures and sells glass block, daylighting panel and communication insulators.

International Division—The division handles all company business outside the Continental United States, including sales, manufacturing, investments, licensing, and sale or lease of machinery and equipment. Is also responsible for operations of Owens-Illinois Inter-America Corp. which sells company's products in Western Hemisphere outside of the United States, and for Owens-Illinois of Panama S.A., which has responsibility for investments in Central and South American countries. First glass container factories to be operated by this divisions are near Havana, Cuba, near Valencia, Venezuela and near Bogota, Colombia.

PRINCIPAL PLANTS & PROPERTIES

Factories are located as follows:

Alton, Ill.	Lg. Island City, N. Y.
Atlanta, Ga.	Los Angeles, Cal.
Aurora, Ind.	Madison, Ill.
Big Island, Va.	Memphis, Tenn.
Bogota, Col., S. A.	Mercedes, Tex.
Bradford, Pa.	Miami, Fla.
Bridgeton, N. J.	Milwaukee, Wisc.
Bristol, Pa.	Minneapolis, Minn.
Buffalo, N. Y.	Muncie, Ind.
Charleston, W. Va.	Newark, N. J.
Chicago, Ill.	Oakland, Cal.
Chicago Heights, Ill.	Pacific Grove, Cal.
Clarion, Pa.	Portland, Ore.
Columbus, O.	Riverdale, N. J.
Corona, Cal.	St Charles, Ill.
Dallas, Tex.	Salisbury, N. C.
Detroit, Mich.	San Jose, Cal.
Fairmont, W. Va.	San Jose de las Lajas, Cuba
Flint, Mich.	Streator, Ill.
Gas City, Ind.	Toledo, O.
Glassboro, N. J.	Tomahawk, Wisc.
Godfrey, Ill.	Toronto, Can.
Huntington, W. Va.	Valdosta, Ga.
Ione, Cal.	Valencia, Venezuela
Jacksonville, Fla.	Vineland, N. J.
Jaite, O.	Waco, Tex.
Kansas City, Mo.	Warsaw, Ind.
Lake City, Pa.	

Company has in West Virginia, an undivided half interest in 155,783 acres of gas rights, on which there are 699 producing wells supplying gas requirements of Charleston plant.

National Container Corp. (subsidiary) owns, leases or controls timberlands aggregating about 925,000 acres in Wisc., Mich., Vt., Ga., Fla., Canada and the Bahamas.

Capital Expenditures in 1960 are estimated at $32,000,000 which compares with $32,400,000 in 1959.

MANAGEMENT

Officers

J. P. Levis, Chmn. of Bd. & Exec. Com.
C. R. Megowen, President
H. C. Laughlin, Exec. Vice-President
C. G. Bensinger, Exec. Vice-President
G. S. Babcock, Vice-President
O. G. Burch, Vice-President
E. D. Dodd, Vice-President
H. S. Wade, Vice-President
R. A. Cosh, Vice-President
J. L. Gushman, Vice-President
R. H. Mulford, Vice-President
S. L. Rairdon, Vice-President
W. J. Stewart, Vice-President
A. M. Turner, Vice-President
P. W. Hancock, Vice-President
C. G. McLaren, Vice-President
R. E. Graham, Vice-President
G. B. Skinta, Vice-President
E. E. Smith, Treasurer
C. F. Babbs, Secretary
F. M. Canter, Comptroller

Directors

C. G. Bensinger, Toledo
W. H. Boshart, Toledo
[1]H. E. Collin, Toledo
A. J. Hettinger, Jr., New York
Fritz Heye, Dusseldorf, Ger.
J. A. Hill, Hartford, Conn.
C. E. Janssen, Brussels, Belgium
H. K. Kimble, Ocean City, N. J.
W. W. Knight, Toledo
H. C. Laughlin, Toledo
[1]J. P. Levis, Toledo
[1]W. E. Levis, Toledo
[1]C. R. Megowen, Toledo
[1]J. T. Rohr, Toledo
C. S. Root, Daytona Beach, Fla.
R. L. Snideman, Chicago
[1]Member of Executive Committee.

Auditors: Arthur Young & Co.

General Counsel: Fred E. Fuller.

Annual Meeting: Third Wednesday in April at Toledo, O.

No. of Stockholders: Dec. 31, 1959: Preferred, 7,765; common, 26,515.

No. of Employees: Dec. 31, 1959, 33,722.

General Office: Owens-Illinois Bldg., Madison Ave., Toledo 1, O.

Management Profit-Sharing: Executives and department heads receive additional compensation under plan adopted Jan. 20, 1930, as determined by the company's president out of a fund representing up to 8% of earnings in excess of 10% of capital and surplus at the beginning of the year. Total of the participating salaries shall not exceed 10% of the excess earnings for each year. Total bonus to any participant in any year shall not exceed his salary for that year.

INCOME ACCOUNTS

COMPARATIVE CONSOLIDATED INCOME ACCOUNT. YEARS ENDED DEC. 31
(Taken from reports filed with Securities and Exchange Commission)

	1959	1958	1957	[7]1956	1955	1954	1953
Net sales & other operating rev.	$552,676,933	$508,459,931	$510,486,850	$495,974,236	$370,347,666	$336,708,809	$333,024,055
[4][5]Cost of sales, royalties paid, etc.	420,919,431	395,884,012	396,440,245	378,699,937	287,810,152	267,211,730	268,523,903
[5]Selling, general & adm. expenses	53,425,878	49,278,249	47,660,666	46,370,575	29,539,134	27,655,642	26,240,558
Operating profit	78,331,624	63,297,670	66,385,939	70,903,724	52,998,380	41,841,439	38,259,594
Dividends received	2,938,575	3,073,383	2,942,313	2,533,272	2,171,570	1,836,921	1,702,401
Interest received	1,974,545	767,392	434,240	767,653	503,116	148,670	87,181
Miscellaneous other income	1,514,553	1,005,729	998,195	1,339,706	56,554	56,120	48,308
Total	84,759,297	68,144,174	70,760,687	75,544,355	55,729,620	43,883,147	40,097,484
Provision for bad debts	42,508	280,643	150,175	429,523	--------	68,178	318,571
Interest expense	3,581,940	3,350,070	2,723,433	2,717,112	1,554,246	1,364,777	549,797
[2]Sundry expenses & losses (net)	1,103,495	1,972,866	399,762	258,502	53,064	11,228	4,055,729
Total income before taxes	80,031,354	62,540,595	67,487,317	72,139,218	54,122,310	42,438,965	35,173,386
[8]Provision for Federal income tax	39,200,000	29,800,000	32,800,000	35,840,000	26,900,000	20,800,000	16,700,000
Federal excess profits tax	--------	--------	--------	--------	--------	--------	2,100,000
[16]State & foreign income taxes	--------	--------	600,000	950,000	200,000	100,000	106,000
Net income	40,831,354	32,740,595	34,087,317	35,349,218	27,022,310	21,538,965	16,267,386
[11]Special item	--------	cr 5,031,410	cr 1,722,700	--------	--------	--------	--------
Net income to surplus	40,831,354	37,772,005	35,810,017	35,349,218	27,022,310	21,538,965	16,267,386
[10]Earned surplus beginning of year	156,936,517	140,322,819	125,662,983	136,871,613	86,064,518	76,753,049	72,713,159
[11]Surplus credits	--------	--------	--------	1,526,674	--------	--------	--------
[12]Preferred dividends	3,291,964	3,291,964	3,291,964	1,001,946	--------	--------	--------
[13]Common dividends	17,898,317	17,866,343	17,858,217	17,581,671	12,991,714	12,227,496	12,227,496
[14]Stock dividends	--------	--------	--------	1,041,614	--------	--------	--------
[15]Other surplus debits	--------	--------	--------	28,459,291	--------	--------	--------
[6]Earned surplus, end of year	$176,577,590	$156,936,517	$140,322,819	$125,662,983	$100,095,114	$86,064,518	$76,753,049
SUPPLEMENTARY P. & L. DATA							
Deprec., depl. & amortization	$17,689,496	$18,196,439	$17,319,473	$15,255,826	$9,444,679	$8,045,007	$7,416,977
[9]Molds charged to expense	8,244,310	8,686,520	9,514,725	8,073,506	7,003,852	6,377,142	6,351,879
Maintenance & repairs	27,477,988	23,813,041	23,882,185	22,349,107	14,448,883	13,666,061	14,078,872
[3]Taxes (other than income)	12,691,098	9,716,294	9,161,625	8,365,556	5,516,995	4,711,570	4,467,453
Rents	3,528,139	3,252,501	3,344,491	3,379,745	2,515,414	2,838,548	1,975,214
Royalties	1,148,283	928,710	1,035,289	1,128,471	1,298,331	1,118,160	694,465

[2]1953: Includes $2,958,499 loss on sale of plant

[3]Includes payroll taxes (1959, $5,887,242).

[4]Cost of sales and other operating expenses (including depreciation, depletion and amortization: 1959, $16,941,544; 1958, $17,611,936; 1957, $16,915,723; 1956, $15,120,935; 1955, $9,198,637; 1954, $7,833,694; 1953, $7,246,043; and research and engineering expenses: 1959, $12,321,631; 1958, $11,747,430; 1957, $12,700,246; 1956, $11,350,433).

[5]Includes related portions of items shown under "Supplementary P. & L. Data" below statement.

[6]At Dec. 31, 1959, $77,725,229 of earned surplus was restricted as to cash dividends on common stock.

[7]Includes, for entire year, operations of National Container Corp., merged Oct. 4, 1956

[8]1957: Includes $1,040,000 deferred income taxes provided in amounts equal to reduction in current taxes due to excess of accelerated amortization over book depreciation.

[9]No depreciation is provided on molds. The amount at which molds are carried in the company's accounts represents the value thereof at Dec. 31, 1930 as determined by independent appraisal plus (a) certain additions for molds acquired from companies whose assets were purchased and (b) additions for molds for new products, minus (c) molds specifically allocated to plants sold in their entirety. All other new molds or mold replacements are charged to expense.

[10]1956: $100,095,114 Owens-Illinois Glass Co. and $36,776,499 National Container Corp.; total, $136,871,613.

[11]1956: Transfer from equity in surplus of non-consolidated on acquisition of minority interest by National Container Corp.

[12]1956: On National Container Corp. preferred prior to Oct. 5, 1956, $214,755; on Owens-Illinois Glass Co. preferred subsequent to Oct. 4, 1956, $787,191; total, $1,001,946.

[13]1956: Includes $1,653,660 paid on National Container Corp. common prior to Oct. 5, 1956.

[14]1956: 1% stock dividend paid June 8, 1956 on National Container Corp. common.

[15]1956: Charges arising from merger with National Container Corp.