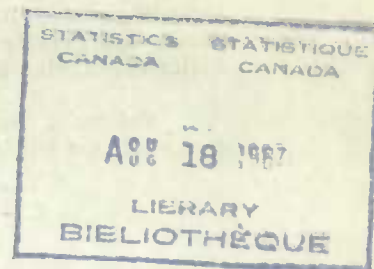


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# THE SUGAR REFINING INDUSTRY

## 1956



*Published by Authority of*  
The Honourable Gordon Churchill, Minister of Trade and Commerce

**DOMINION BUREAU OF STATISTICS**  
Industry and Merchandising Division  
Foods and Beverages Section

6513-514-126

Price 25 cents

Vol. 2—Part III—P-1

EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1957.

## NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I** — The Primary Industries, including mining, forestry and fisheries; **Volume II** — Manufacturing; **Volume III** — Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries or provinces which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I — General Review of the Manufacturing Industries, \$1.50
- II — The Manufacturing Industries of Canada, (7 sections, as follows:)
  - Section A. Summary for Canada, 25¢
  - Section B. Atlantic Provinces, 50¢
  - Section C. Quebec, 25¢
  - Section D. Ontario, 25¢
  - Section E. Prairie Provinces, 40¢
  - Section F. British Columbia, 25¢
  - Section G. The Manufacturing Industries of Canada, Regional Distribution, 75¢
- III — Foods and Beverages
- IV — Tobacco and Tobacco Products
- V — Rubber Products
- VI — Leather Products
- VII — Textile Mills
- VIII — Knitting Mills
- IX — Clothing
- X — Wood and Paper Products
- XI — Printing Trades
- XII — Iron and Steel Products
- XIII — Transportation Equipment
- XIV — Non-ferrous Metal Products
- XV — Electrical Apparatus and Supplies
- XVI — Non-metallic Mineral Products
- XVII — Products of Petroleum and Coal
- XVIII — Chemicals and Allied Products
- XIX — Miscellaneous Manufactures

The present report belongs in Part III, Foods and Beverages. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A — General Review, 25¢
- B — The Slaughtering and Meat Packing Industries, 25¢
- C — The Dairy Products Industry, 25¢
- D — The Fish Processing Industry, 25¢
- E — The Fruit and Vegetable Preparations Industry, 25¢
- F — The Flour Milling Industry, 25¢
- G — The Prepared Breakfast Foods Industry, 25¢
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- R — The Miscellaneous Food Preparations Industry, 25¢
- S — The Canned Foods Summary, 25¢

# THE SUGAR REFINING INDUSTRY 1956

Beginning in 1952, the Bureau changed its policy with regard to the collection of Statistics on the production of manufactured goods. Firms in this industry were requested to report quantity and value of shipments f.o.b. plant, as well as the quantity of production. This changeover should result in better consumption data and should, eventually, provide industry with better statistics for economic analysis.

The gross selling value of shipments amounted to \$126,690,159, approximately \$7,017,322 more than the value of shipments in 1955. Accompanying this increase in value of shipments, cost factors such as salaries and wages and raw materials also increased. Salaries and wages in 1956 were \$11,863,845 compared to \$11,548,086 in 1955, while the cost of raw materials at the plant which had been \$87,782,720 in 1955 rose to \$96,958,985 in the present year.

Although the dollar value of sales has increased by approximately 5.9% the physical volume of production of the industry decreased 1.6%. Volume of all sugar production decreased to 1,553 million pounds compared to 1,578 million pounds in 1955. The total production of molasses in the same period increased approximately 2 million pounds to 82,494,000 pounds in 1956. Likewise, there was an increase of nearly 5 million pounds in the production of molasses made from beets. Average price of sugar at the plant increased further from 7.6¢ per lb. in 1955 to 7.8¢ per lb. in 1956. The price of molasses increased from .97¢ per pound to 01.2¢ per pound in 1956. (See Table 3).

Inventory values of raw materials and supplies, goods in process and finished goods of own manufacture were collected in 1954 for the first time and are recorded in Table 13.

Value added by manufacture (net value) is shown in column 6, Table 1. From 1924 to 1953, the value added by manufacture is computed by subtracting the cost of fuel and electricity and

cost of materials from the gross value of production. In 1954, gross selling value of shipments, plus or minus the increase or decrease in finished goods inventory equals gross value of production. From this point, value added by manufacture may be obtained in a manner similar to the period 1924 to 1953. Data prior to 1924 are not comparable because statistics on the cost of electricity are not available.

The refineries in the present report are located provincially as follows: New Brunswick 1, Quebec 3, Ontario 2, Manitoba 1, Alberta 3, and British Columbia 1. Since 1943 several plants were shut down and their operations pooled with other refineries in the vicinity. This was due to the limited amount of raw sugar available as well as shortage of labour.

Special attention should be given to the production of beet sugar which is dependent on weather conditions and as a result fluctuates widely from year to year. The production of sugar from beets depends not only on the quantity of beets harvested but also on the amount of sucrose in the beets. The year of highest beet sugar production was in 1950 when the number of acres of sugar beets harvested were the highest on record. The percentage of beet sugar to total sugar produced in Canada was 15.9% in 1956. The highest ratio ever reached was in 1942 when 23.6% of all sugar was made from beets. During the war years, when consumption of sugar was under control, the percentage of beet sugar to total sugar produced was higher than in previous years. After the war, when ships again became available for bringing in raw cane sugar, this percentage dropped.

Detailed statistics of production, materials used, employment, etc., are given in the tables following. In order that there should be no disclosure of statistical information of individual plants, statistics are prepared for the Dominion only. On page 9 charts show (a) the production of cane and beet sugar, and (b) consumption of sugar by industries.

TABLE 1. Principal Statistics of the Sugar Refining Industry, Significant Years, 1917-56<sup>1</sup>

Year	Estab-lish-ments	Employees	Salaries and wages	Fuel and electricity	Cost at works of materials used	Value added by manufacture	Gross selling value of shipments <sup>2</sup>
	No.	No.	\$	\$	\$	\$	\$
1917	8	2,527	2,324,828	Not available	53,179,911	8,248,876	61,428,787
1920	8	3,118	4,632,814	"	103,689,088	15,397,643	119,086,731
1921	7	2,469	3,182,894	"	56,882,242	12,627,585	69,509,827
1925	8	2,784	3,828,442	1,959,452	54,457,385	12,029,042	68,445,879
1929	8	2,325	3,686,037	1,130,158	35,640,125	10,381,677	47,151,960
1933	8	2,092	3,048,817	898,140	22,846,473	13,445,347	37,189,960
1937	10	2,332	3,318,861	951,416	29,013,057	10,951,571	40,916,044
1938	10	2,318	3,315,633	995,540	28,838,685	11,557,871	41,392,096
1939	10	2,399	3,467,367	1,089,169	33,728,967	15,078,627	49,896,763
1941	11	2,642	3,834,639	1,487,848	46,067,190	14,847,671	62,402,709
1942	11	2,326	3,772,431	1,225,955	33,283,971	11,459,785	45,969,711
1944	11	2,590	4,576,060	1,476,377	48,033,547	14,364,944	63,874,868
1946	11	2,633	5,010,789	1,532,486	45,900,913	13,748,222	61,181,621
1947	11	3,003	6,309,481	2,106,343	63,883,259	14,204,767	80,194,369
1948	11	3,267	7,662,318	2,753,831	88,031,106	22,725,610	113,510,547
1949	11	3,587	8,842,783	2,891,954	90,172,181	23,703,295	116,767,430
1950	12	3,919	9,535,834	3,219,676	109,713,103	31,939,788	144,872,567
1951	12	3,562	10,272,939	2,840,533	107,540,497	28,728,247	139,109,277
1952	12	3,492	11,044,491	2,689,768	93,303,708	33,044,822	129,038,298 <sup>2</sup>
1953	12	3,388	10,958,086	2,642,586	79,588,400	35,721,466	117,952,452 <sup>2</sup>
1954	11	3,426	11,352,622	2,501,162	81,010,230	33,281,483	117,807,453 <sup>2</sup>
1955	11	3,376	11,548,086	2,532,298	87,782,720	33,002,905	119,672,837 <sup>2</sup>
1956	11	3,285	11,863,845	2,724,554	96,958,985	30,122,828	126,690,159 <sup>2</sup>

1. Excise taxes are not included for 1933 and succeeding years.

2. Beginning in 1952, the gross value of production is replaced by gross value of shipments, f.o.b. plant. (See text above).



TABLE 2. Comparison of Principal Statistics, 1955 and 1956

Items		1955	1956	+ Increase - Decrease
Refineries .....	No.	11	11	-
Employees on salaries:				
Total .....	No.	611	601	- 10
Male .....	"	512	484	- 28
Female .....	"	99	117	+ 18
Total salaries .....	\$	2 749.739	2 970.974	+ 221.235
Employees on wages - (monthly average):				
Total .....	No.	2 765	2 684	- 81
Male .....	"	2 526	2 452	- 74
Female .....	"	239	232	- 7
Total wages .....	\$	8 798.347	8 892.871	+ 94.524
Cost of fuel and electricity .....	\$	2 532.298	2 724.554	+ 192.256
Cost of materials used .....	\$	87 782.720	96 958.985	+ 9 176.265
Gross value of shipments .....	\$	119 672.837	126 690.159	+ 7 017.322
Value added by manufacture .....	\$	33 002.905	30 122.828	- 2 880.077

Note. Profits or losses cannot be estimated from census figures as no data are collected for certain items such as interest, rent, depreciation, taxes, insurance, advertising, etc.

## Production and Shipments in Sugar Refineries

Table 3 gives the production and shipments of sugar and its by-products by class for 1955 and 1956. Production of all types of sugar in Canadian refineries was lower in 1956 by nearly 25,495 million pounds. Shipments increased by nearly

45,068 million pounds and value by \$6,344,819. Molasses increased in both production and shipments by 956 tons and 677 tons respectively, with a marked increase of \$192,197 in value of shipments.

TABLE 3. Production and Shipments of Sugar and By-Products

		1955			1956		
		Production	Shipments		Production	Shipments	
		Quantity	Quantity	Value of shipments \$	Quantity	Quantity	Value of shipments \$
Sugar:							
Made from cane .....	lb.	1,303,615,189	1,277,825,094	95,748,984	1,306,015,536	1,287,661,834	98,500,996
Made from beets .....	"	274,516,924	239,575,564	20,376,478	246,621,644	274,806,694	23,969,285
Total sugar .....	"	1,578,132,113	1,517,400,658	116,125,462	1,552,637,180	1,562,468,528	122,470,281
Granulated .....	"	1,354,417,290	1,293,932,061	98,644,306	1,328,921,109	1,337,215,380	104,338,098
Yellow or brown .....	"	131,811,059	130,943,918	9,392,420	132,067,708	130,985,463	9,637,235
Pulverized (no starch added) .....	"	6,046,200	6,564,950	541,728	8,247,525	7,505,076	626,358
Icing (starch added) .....	"	74,100,356	73,758,239	6,291,029	70,717,961	73,465,890	6,469,343
Loaf .....	"	11,757,208	12,201,490	1,255,981	12,682,877	13,296,719	1,399,247
Syrups (not including molasses) .....	"	14,890,000	14,650,000	707,999	16,990,000	17,064,000	1,494,377
Molasses:							
Made from cane .....	"	18,824,000	21,390,000	234,182	15,832,000	13,132,000	277,996
Made from beets .....	"	61,758,000	58,760,000	541,365	66,662,000	68,372,000	689,748
Total molasses .....	"	80,582,000	80,150,000	775,547	82,494,000	81,504,000	967,744
Beet pulp, wet or dried .....	ton	209,127	127,767	2,063,829	182,047	116,331	1,757,757
Other products .....	-	-	-	-	-	-	-
Total value of shipments .....	-	-	-	119,672,837	-	-	126,690,159

## Production of Sugar Beets and Beetroot Sugar

The number of acres of sugar beets harvested, the total yield and average crop per acre and the total value of the crop delivered at the factory are shown in Table 4 for the years

1918 to 1956. Acreage of sugar beets harvested in 1956 was 3,030 acres less than 1955. The total crop decreased by 88,059 tons and the total value of the crop was up by \$60,000.

TABLE 4. Area, Yield and Value of Sugar Beets in Canada and Production of Refined Beetroot Sugar Compared, 1918 to 1956

Year	Acres harvested	Total yield	Yield per acre	Total value	Average price per ton	Refined Beetroot Sugar			
						Quantity produced	Total value	Average value per lb.	Percentage to total sugar
	No.	tons	tons	\$	\$	lb.	\$	Cents	
1918	18,000 <sup>1</sup>	180,000	10.00	1,845,000	10.25	50,092,835	4,358,077	8.70	7.7
1919	24,000 <sup>1</sup>	240,000	9.80	2,606,000	10.86	37,839,342	3,924,411	10.70	3.7
1920	35,000 <sup>1</sup>	412,000	11.37	5,279,000	12.80	89,280,719	12,846,424	14.40	11.4
1925	43,000 <sup>1</sup>	459,000	10.64	2,794,000	6.09	72,819,919	5,206,624	7.15	6.2
1930	52,000 <sup>1</sup>	467,000	9.05	3,209,000	6.87	94,624,701	4,529,944	4.79	10.0
1931	43,000 <sup>1</sup>	436,000	10.06	2,663,000	6.11	107,139,129	4,794,551	4.48	10.7
1932	45,000 <sup>1</sup>	506,000	11.28	3,097,000	6.12	132,016,859	5,789,205	4.38	14.0
1933	44,000 <sup>1</sup>	442,000	10.14	2,784,000	6.29	131,392,501	5,713,181	4.35	15.1
1934	38,000 <sup>1</sup>	413,000	10.72	2,328,000	5.64	114,002,950	4,714,624	4.14	12.8
1935	52,000 <sup>1</sup>	459,000	8.84	2,501,000	5.45	119,857,668	4,617,733	3.85	12.4
1936	50,000	556,000	11.02	3,233,000	5.82	156,066,242	6,103,264	3.91	14.3
1937	44,000	422,000	9.65	2,492,000	5.90	120,440,235	5,230,971	4.34	11.7
1938	45,000	498,000	11.04	3,286,000	6.60	143,013,847	6,001,380	4.20	13.7
1939	57,000	586,000	10.23	4,430,000	7.55	169,320,343	8,063,332	4.76	14.6
1940	78,000	825,000	10.65	5,612,000	6.80	213,602,511	10,853,665	5.08	18.5
1941	63,999	711,923	11.12	5,405,000	7.59	215,879,271	11,639,825	5.39	17.6
1942	62,381	715,524	11.47	6,053,000	8.46	189,066,870	11,349,746	6.00	23.6
1943	52,719	474,378	9.00	4,980,000	10.50	129,268,010	8,728,995	6.75	14.8
1944	55,021	566,294	10.29	6,283,000	11.09	165,318,840	11,281,052	6.82	16.2
1945	59,283	618,785	10.44	6,567,000	10.61	163,837,790	11,198,989	6.84	16.7
1946	66,619	735,850	11.05	9,196,000	12.50	205,779,800	14,022,621	6.81	21.4
1947	58,405	605,759	10.37	8,685,000	14.34	156,262,700	13,208,824	8.45	14.4
1948	60,065	629,206	10.48	9,202,000	14.62	175,641,250	15,663,858	8.92	12.9
1949	84,216	858,727	10.20	11,749,000	13.68	224,853,992	20,232,100	9.00	16.2
1950	101,496	1,115,854	10.99	18,299,000	16.40	300,185,390	30,845,292	10.28	19.6
1951	92,920	965,433	10.39	14,440,000	14.96	247,753,449	26,445,879	10.67	18.9
1952	82,588	1,022,884	11.05	15,493,000	15.15	298,245,300	29,041,841 <sup>3</sup>	9.73 <sup>3</sup>	20.9
1953	81,949	900,347	10.99	12,061,000	13.40	245,476,088	21,943,670 <sup>3</sup>	8.94 <sup>3</sup>	18.2
1954	90,453	1,003,869	11.10	12,107,000	12.06	232,074,736	20,167,295 <sup>3</sup>	8.69 <sup>3</sup>	16.1
1955	81,908	981,014	11.98	13,170,000	13.42	274,516,924	23,361,390 <sup>3</sup>	8.51 <sup>3</sup>	17.4
1956	78,878	892,955	11.32	13,230,000 <sup>2</sup>	14.82 <sup>2</sup>	246,621,644	21,505,407 <sup>3</sup>	8.72 <sup>3</sup>	15.9

1. This is the number of acres seeded, which is slightly higher than the harvested acreage.

2. Based on estimated total payments.

3. Estimated from value of shipments.

TABLE 5. Exports-Sugar, Molasses and Beet Pulp, 1949-1956

Product	Quantity	Value
		\$
Molasses and syrups, n.o.p.:		
1949	gal.	1,504,692
1950	"	2,010,272
1951	"	2,768,000
1952	"	2,236,645
1953	"	2,195,332
1954	"	1,967,466
1955	"	634,707
1956	"	1,522,521
Sugar, n.o.p.:		
1949	Cwt.	16,899
1950	"	210,040
1951	"	23,734
1952	"	106,384
1953	"	46,003
1954	"	6,285
1955	"	23,032
1956	"	12,612
Beet pulp:		
1949	Cwt.	234,284
1950	"	247,967
1951	"	554,621
1952	"	442,173
1953	"	390,648
1954	"	271,504
1955	"	233,198
1956	"	188,655



TABLE 6. Imports of Sugar, Molasses, etc., 1949-1956

Product	Quantity	Value
		\$
Molasses of cane testing under 35 degrees but not less than 20 degrees: <sup>1</sup>		
1949 .....	gal. 4,538,375	675,970
1950 .....	" 6,415,768	1,279,225
1951 .....	" 3,977,595	1,385,206
1952 .....	" 3,399,957	739,303
1953 .....	" 4,402,754	824,185
1954 .....	" 5,071,265	1,034,608
Molasses of cane, imported direct, testing not less than 35 degrees nor more than 56 degrees: <sup>1</sup>		
1949 .....	gal. —	—
1950 .....	" 4,908	2,667
1951 .....	" —	—
1952 .....	" 3,383	2,735
1953 .....	" —	—
1954 .....	" 13,107	2,080
Molasses of cane the produce of any country entitled to the British Preferential Tariff, imported direct, testing not more than 56 degrees: <sup>1</sup>		
1949 .....	gal. 9,689,230	2,420,438
1950 .....	" 9,422,286	3,032,698
1951 .....	" 4,908,194	2,863,117
1952 .....	" 3,752,306	1,789,216
1953 .....	" 7,178,771	2,244,886
1954 .....	" 9,476,392	2,379,158
Syrups and molasses of all kinds, the product of the sugar cane or beet, n.o.p. and all imitations and substitutes: <sup>1</sup>		
1949 .....	Cwt. 9,249	58,432
1950 .....	" 8,972	71,627
1951 .....	" 7,702	72,576
1952 .....	" 6,068	58,462
1953 .....	" 8,068	61,004
1954 .....	" 9,412	80,554
Molasses for human consumption:		
1955 .....	gal. 8,719,638	2,744,786
1956 .....	" 3,244,053	1,836,036
Molasses of cane, n.o.p.:		
1955 .....	" 7,908,212	901,548
1956 .....	" 12,678,659	1,782,659
Syrups of cane or beet, n.o.p.:		
1955 .....	" 60,593	58,074
1956 .....	" 33,470	42,548
Sugar, raw, for sugar refiners:		
1949 .....	Cwt. 12,360,630	65,624,413
1950 .....	" 12,655,393	76,409,211
1951 .....	" 10,664,144	75,395,230
1952 .....	" 11,733,231	58,766,492
1953 .....	" 11,188,127	46,547,494
1954 .....	" 12,854,673	50,501,669
1955 .....	" 13,284,390	51,370,925
1956 .....	" 14,077,071	54,820,068
Sugar, raw, n.o.p.:		
1949 .....	Cwt. 84,938	501,528
1950 .....	" 126,499	799,078
1951 .....	" 261,378	1,705,104
1952 .....	" 131,070	779,281
1953 .....	" 200,384	943,206
1954 .....	" 240,802	1,017,809
1955 .....	" 231,417	941,474
1956 .....	" 242,205	1,007,806
Sugar, refined (From January 1, 1952):		
1952 .....	Cwt. 338,705	1,904,397
1953 .....	" 241,434	1,196,109
1954 .....	" 33,621	182,052
1955 .....	" 72,811	333,905
1956 .....	" 50,262	236,777

1. These classifications have been discontinued in Trade of Canada beginning 1955.

TABLE 7. Prices of Sugar at Montreal from Factory to Wholesaler for Specified Months  
(Compiled by the Prices Section)

	January	April	July	October
	\$	\$	\$	\$
Sugar granulated, standard, per cwt.:				
1955 .....	7.08	7.17	7.08	7.08
1956 .....	7.08	7.08	7.27	7.27
Sugar, yellow, No. 2, per cwt.:				
1955 .....	8.84	6.94	6.84	6.84
1956 .....	6.84	6.84	7.03	7.03

## Materials Used

The cost of materials used in the industry during 1956 as shown in Table 8, amounted to \$96,958,985. This is an increase of \$9,176,265 from the previous year. Raw materials, consisting of raw cane and sugar beets, constitute over 91 per cent of the total cost, other materials about 2 per cent, and

containers of all kinds nearly 7 per cent. The average cost price of raw cane sugar laid down at the factory was \$4.93 per hundred-weight in 1955 and \$5.45 per hundred-weight in 1956. The cost at the factory of sugar beets was \$13.69 per ton in 1955 and \$17.02 in 1956.

TABLE 8. Materials Used

Materials	1955		1956	
	Quantity	Cost value at the refinery	Quantity	Cost value at the refinery
		\$		\$
Raw cane sugar .....	lb. 1,351,829,081	66,619,672	1,347,487,603	73,514,345
Sugar beets .....	ton 1,003,218	13,732,685	867,492	14,761,218
Cornstarch .....	lb. 2,215,463	176,992	2,201,963	176,954
Boneblack .....	" 2,813,639	244,978	2,706,634	245,760
Vegetable char .....	" —	—	—	—
Infusorial earth .....	" 4,188,644	158,960	4,391,505	165,026
Lime .....	" 5,760,241	56,085	5,191,711	50,307
Limestone .....	ton 46,077	204,728	41,162	189,434
Sulphur .....	lb. 336,320	10,225	279,697	9,143
Sulphuric acid .....	" 638,412	12,647	677,220	13,081
Hydrochloric and muriatic acid .....	" 233,673	10,733	295,655	13,688
Phosphoric acid .....	" 126,050	11,893	147,683	13,459
Soda ash .....	" 404,020	11,528	346,430	10,556
Filtering materials, n.e.s. ....	—	35,611	—	25,750
Containers (boxes, bags, etc.) .....	—	6,040,737	—	6,042,339
All other materials including chemicals .....	—	455,246	—	65,789
Operating maintenance and repair supplies .....	—	not collected	—	1,662,136
<b>Total cost of materials<sup>1</sup> .....</b>	<b>—</b>	<b>87,782,720</b>	<b>—</b>	<b>96,958,985</b>

1. Does not include office supplies which amounted to \$64,478 in 1956.

## Employment Statistics

Employment statistics are given in Tables 9 and 10. Wage-earners in 1956 numbered 2,452 males and 232 females, with a payroll of \$8,892,871 while salaried employees numbered 484 males and 117 females, with salaries totaling \$2,970,974. Compared with 1955 there was a decrease of 91 in the number

of persons employed and an increase of \$315,759 in the salaries and wages paid. The maximum employment of wage-earners was reached in October with a total of 4,083 and a minimum in July with a total of 2,115.

TABLE 9. Employees and their Earnings, 1939-1956

Year	Average number					Salaries and wages		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
	No.	No.	No.	No.	No.	\$	\$	\$
1939 .....	346	60	1,888	105	2,399	1,187,767	2,279,600	3,467,367
1949 .....	399	118	2,783	287	3,587	1,883,882	6,958,901	8,842,783
1950 .....	411	127	3,101	280	3,919	2,062,131	7,473,703	9,535,834
1951 .....	435	131	2,747	249	3,562	2,339,926	7,933,013	10,272,939
1952 .....	486	100	2,640	266	3,492	2,513,602	8,530,889	11,044,491
1953 .....	478	105	2,538	267	3,388	2,697,639	8,260,447	10,958,086
1954 .....	509	109	2,550	258	3,426	2,832,692	8,519,930	11,352,622
1955 .....	512	99	2,526	239	3,376	2,749,739	8,798,347	11,548,086
1956 .....	484	117	2,452	232	3,285	2,970,974	8,892,871	11,863,845



TABLE 10. Production Workers, by Months, 1955 and 1956

Months	1955		1956		Months	1955		1956	
	Male	Female	Male	Female		Male	Female	Male	Female
	No.	No.	No.	No.		No.	No.	No.	No.
January .....	1,982	210	2,086	219	August .....	2,266	221	2,267	231
February .....	1,898	193	1,895	205	September .....	3,180	291	3,080	301
March .....	1,966	243	2,002	218	October .....	4,276	309	3,782	301
April .....	2,205	248	2,095	209	November .....	3,537	278	3,329	261
May .....	2,203	220	2,212	211	December .....	2,651	247	2,497	226
June .....	2,193	214	2,234	209	Monthly average .....	2,526	239	2,452	232
July .....	1,934	187	1,942	173					

TABLE 11. Production of Cane Sugar, 1936 - 1956

Year	Lbs.	Year	Lbs.
1936 .....	937,224,803	1947 .....	928,446,828
1937 .....	905,113,220	1948 .....	1,182,498,065
1938 .....	900,448,767	1949 .....	1,161,057,744
1939 .....	987,266,491	1950 .....	1,227,764,354
1940 .....	943,204,679	1951 .....	1,062,683,736
1941 .....	1,010,873,797	1952 .....	1,122,877,120
1942 .....	612,052,345	1953 .....	1,103,991,323
1943 .....	741,289,010	1954 .....	1,208,476,730
1944 .....	852,298,738	1955 .....	1,303,615,189
1945 .....	816,692,338	1956 .....	1,306,015,536
1946 .....	754,165,670		

TABLE 12. Production of Molasses, 1936 - 1956

Year	Cane	Beet	Year	Cane	Beet
	lbs.	lbs.		lbs.	lbs.
1936 .....	15,545,925	29,998,000	1947 .....	18,526,000	46,880,000
1937 .....	11,710,939	16,968,000	1948 .....	23,552,000	44,152,000
1938 .....	16,050,149	30,216,552	1949 .....	21,678,000	69,154,000
1939 .....	14,938,324	38,016,400	1950 .....	19,626,000	75,168,000
1940 .....	15,820,784	59,102,750	1951 .....	14,794,000	75,426,000
1941 .....	19,854,719	53,656,627	1952 .....	19,710,000	72,492,000
1942 .....	11,522,318	53,237,849	1953 .....	14,998,000	66,306,000
1943 .....	15,612,913	37,537,480	1954 .....	20,162,000	62,768,000
1944 .....	18,262,227	39,316,335	1955 .....	18,824,000	61,758,000
1945 .....	17,881,753	45,608,363	1956 .....	15,832,000	66,662,000
1946 .....	13,808,000	55,838,000			



TABLE 13. Inventory Values, 1956

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total inventory
	\$	\$	\$	\$
Opening .....	9,502,281	432,630	23,044,794	32,979,705
Closing .....	11,804,716	449,121	26,144,511	38,398,348

TABLE 14. Capital, Repair and Maintenance Expenditures, 1948-1956

(Figures prepared in General Assignments Division)

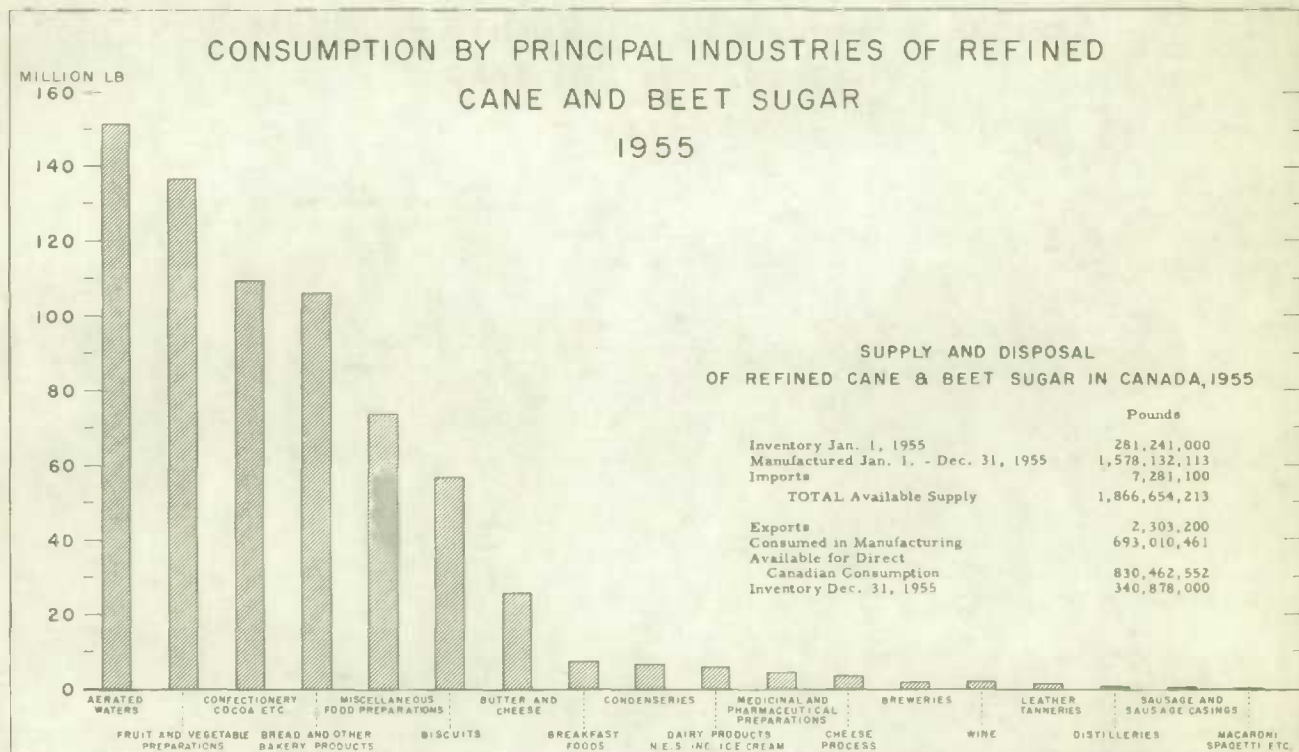
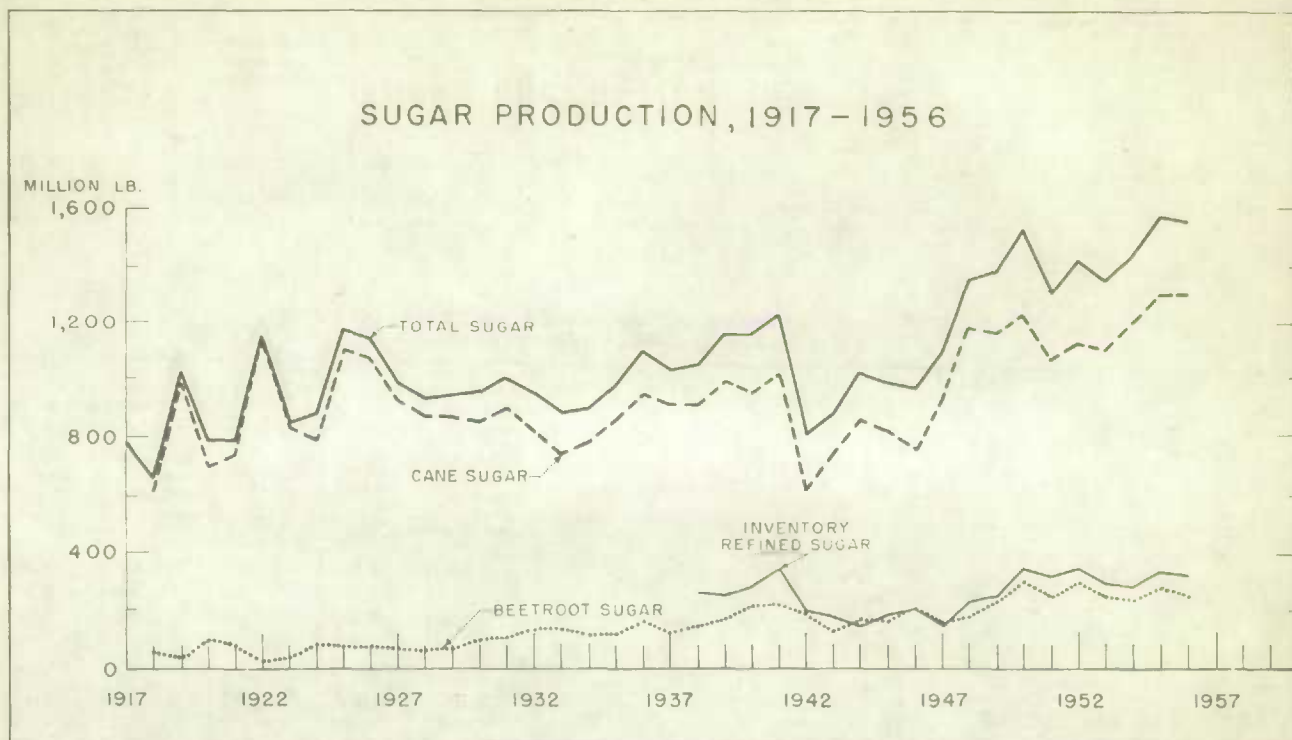
	Capital expenditures			Repair and maintenance expenditures			Capital, repair and maintenance expenditures		
	Construc- tion	Machinery and equipment	Sub- total	Construc- tion	Machinery and equipment	Sub- total	Construc- tion	Machinery and equipment	Total
Thousands of dollars									
1948 .....	not available		1,110	288	1,592	1,880	359	2,631	2,990
1949 .....	315	1,145	1,460	291	1,823	2,114	606	2,968	3,574
1950 .....	2,174	2,786	4,960	287	2,056	2,343	2,461	4,842	7,303
1951 .....	1,200	1,958	3,158	395	2,399	2,794	1,595	4,357	5,952
1952 .....	691	2,374	3,065	568	2,858	3,426	1,259	5,232	6,491
1953 .....	707	1,345	2,052	591	2,507	3,098	1,298	3,852	5,150
1954 .....	718	1,701	2,419	489	2,380	2,869	1,207	4,081	5,288
1955 .....	1,026	1,328	2,354	458	2,467	2,925	1,484	3,795	5,279
1956 .....	2,591	2,080	4,671	522	2,402	2,924	3,113	4,482	7,595

## List of Sugar Refineries

Name of firm	Plant address
<b>New Brunswick:</b>	
Atlantic Sugar Refineries, Limited <sup>1</sup> .....	Saint John
<b>Quebec:</b>	
Canada & Dominion Sugar Company, Limited <sup>1</sup> .....	1410 Montmorency St., Montreal
St. Lawrence Sugar Refineries, Limited <sup>1</sup> .....	4026 Notre Dame St. E., Montreal
Quebec Sugar Refinery <sup>2</sup> .....	St. Hilaire East
<b>Ontario:</b>	
Canada & Dominion Sugar Company, Limited <sup>2</sup> .....	Chatham
Canada & Dominion Sugar Company, Limited <sup>2</sup> .....	Wallaceburg
<b>Manitoba:</b>	
The Manitoba Sugar Company, Limited <sup>2</sup> .....	(Fort Garry) Winnipeg
<b>Alberta:</b>	
Canadian Sugar Factories, Limited <sup>2</sup> .....	Raymond
Canadian Sugar Factories, Limited <sup>2</sup> .....	Picture Butte
Canadian Sugar Factories, Limited <sup>2</sup> .....	Taber
<b>British Columbia:</b>	
The British Columbia Sugar Refining Company Limited <sup>1</sup> .....	Rogers Street, Vancouver

1. Made cane sugar only.

2. Made beet sugar only.







THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION  
PUBLISHED WEEKLY  
CHICAGO, ILL., U.S.A.

Subscription price, Five Dollars Per Annum in Advance.  
Single Copies, Fifteen Cents.

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