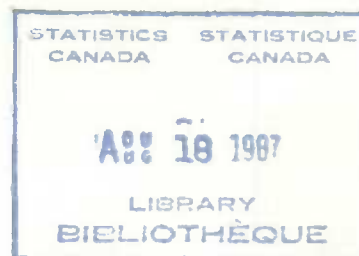


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ANNUAL



THE RAILWAY ROLLING STOCK INDUSTRY 1958



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PUBLICATIONS

The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a series of industry reports which are released each year as the compilations are completed. Reports for industries in the **Transportation Equipment Major Group** are listed below, along with current and annual publications of related interest. Similar reports are issued for other industries. A complete catalogue of publications of the Bureau is available on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's Printer, Ottawa.

A — Annual

M — Monthly

Catalogue number	Title	Price
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made payable to the Receiver General of Canada and forwarded to
the Information Services Division, Dominion Bureau of Statistics,
or to the Queen's Printer, Ottawa, Canada.*

EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1958 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1958, are as follows:

Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in repair work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc., are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including freight, duty, etc.

Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants of reporting companies

for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers and resold without further processing are not included. Values are computed on f.o.b. plant or plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

Inventories

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

Value Added by Manufacturing

Figures are computed from value of shipments plus or minus changes in inventories of finished

goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.

Standard Industrial Classification

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Short Forms

Prior to 1949 all manufacturing firms, regardless of size, were required to complete a standard form annually covering all census details, but for later years an effort was made to ease the reporting burden for smaller firms which usually do not maintain regular records in the required detail. A modified or short form was introduced in 1949 asking for the total value of shipments only, or in industries with a large number of small firms, for total value of shipments and quantities and values of a few principal products. Using the ratio of value of shipments in the current year to value of shipments in the base year, 1948, estimates of other census data were made for each plant for inclusion in the regular compilations. In general, the cut-off point for short forms was set at \$50,000 gross value of shipments annually, but there were lower cut-offs for a number of industries in which the small firms accounted for a larger share of total shipments. About 40 per cent of the total number of establishments reported on the modified or short form. They accounted for less than 3 per cent of the total value. In 1958, to establish a new base year, the small firms were again asked to report data on employees, salaries and wages, and other principal statistics together with some detail on material and products.

¹ To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the Annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

THE RAILWAY ROLLING STOCK INDUSTRY

1958

This industry includes establishments which were occupied chiefly in making railway cars and locomotives, or in making parts for same, such as wheels, brakes, tires, bolsters, springs etc. The principal repair shops of the Canadian National Railways and the Canadian Pacific Railways are also included.

Production in 1958 was valued at \$295,961,250, a decline of 23.5 per cent from the corresponding total of \$386,722,053 for 1957. Output included new railway cars valued at \$64,126,138, new locomotives at \$75,229,711 and other lines, such as railway car wheels, parts for railway cars and locomotives, repair work, etc.

Twenty-nine establishments were in operation in this group in 1958, there being 12 in Ontario, 6 in Quebec, 4 in Manitoba, 2 in Nova Scotia, 2 in Alberta, and 1 in each of Newfoundland, New Brunswick and British Columbia. Only the larger repair shops were included.

Employees in 1958 numbered 22,374 and salaries and wages for the year totalled \$87,953,769. Materials used in manufacturing or repair work cost \$188,155,709 and fuel and power costs amounted to \$4,006,379.

TABLE 1. Principal Statistics of the Railway Rolling Stock Industry, Significant Years 1929-1958 and by Provinces, 1957 and 1958

Year and Province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture	Gross selling value of products
	number				dollars		
1929	35	25,488	38,311,179	2,570,981	74,156,037	49,760,019	126,487,037
1933	37	16,172	14,584,021	1,535,225	13,574,592	14,562,448	29,672,265
1937	37	21,496	29,187,157	2,090,074	56,191,146	35,573,335	93,854,555
1939	38	17,569	25,050,559	1,882,557	34,070,884	24,756,763	60,710,204
1945	37	30,515	61,793,939	4,181,244	84,264,315	92,804,283	181,249,842
1946	37	28,553	57,815,845	3,567,097	83,937,365	74,655,059	162,159,521
1949	39	32,410	82,135,159	4,471,448	133,053,860	109,228,718	246,754,026
1954	36	29,214	96,862,444	4,442,645	162,219,587	116,736,335	283,398,567
1955	32	25,400	86,257,623	3,940,088	139,475,062	102,324,180	245,739,330
1956	29	28,118	100,729,171	4,394,127	207,028,080	134,093,999	345,516,206
1957							
Newfoundland, Nova Scotia and New Brunswick	4	2,635	9,539,791	515,091	24,209,729	10,221,928	34,946,748
Quebec	6	12,649	46,155,300	2,085,328	104,999,779	61,159,451	168,244,558
Ontario	13	5,959	24,752,076	1,083,607	86,087,881	45,883,513	133,055,001
Manitoba	4	4,822	17,205,635	566,859	17,040,452	16,626,328	34,233,639
Alberta and British Columbia	3	1,844	6,515,340	164,933	9,492,890	6,584,284	16,242,107
Total	30	27,909	104,168,142	4,415,818	241,830,731	140,475,504	386,722,053
1958							
Newfoundland, Nova Scotia and New Brunswick	4	2,055	7,840,914	418,615	17,036,942	9,636,351	27,091,908
Quebec	6	9,827	38,356,733	2,044,073	82,405,728	39,173,617	123,623,418
Ontario	12	4,601	20,234,674	880,566	63,960,801	32,484,002	97,325,369
Manitoba	4	4,214	15,653,150	522,218	15,736,777	16,610,902	32,869,897
Alberta and British Columbia	3	1,677	5,868,298	140,907	9,015,461	5,894,290	15,050,658
Canada	29	22,374	87,953,769	4,006,379	188,155,709	103,799,162	295,961,250

Note: Profits or losses cannot be calculated from above figures as data are not available for general expense items such as interest, rent, depreciation, taxes, insurance, advertising, etc.

TRANSPORTATION EQUIPMENT

TABLE 2. Inventories,¹ 1958

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening:				
Newfoundland, Nova Scotia and New Brunswick.....	636,123	2,736,135	55,934	3,428,192
Quebec	29,764,378	4,186,346	130,920	34,081,644
Ontario	15,153,443	8,816,524	1,070,334	25,040,301
Manitoba	6,586,083	140,233	126,640	6,852,956
British Columbia and Alberta	3,601,844	2,367	—	3,604,211
Canada	55,741,871	15,881,605	1,383,828	73,007,304
Closing:				
Newfoundland, Nova Scotia and New Brunswick.....	825,532	2,769,535	21,630	3,616,697
Quebec	17,932,661	3,798,063	137,655	21,868,379
Ontario	7,392,875	5,782,150	1,385,066	14,560,091
Manitoba	5,434,250	189,090	20,060	5,643,400
British Columbia and Alberta	3,415,758	2,009	—	3,417,767
Canada	35,001,076	12,540,847	1,564,411	49,106,334

¹ (a) Book value of all manufacturing inventories owned and held at plant and plant warehouses.

(b) Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Railway Rolling Stock Industry for the year under review are shown in the above table.

(c) The opening inventory for 1958 does not necessarily agree with the closing inventory for 1957 because of the addition of new plants, transfer of plants to other industries and plants going out of business.

TABLE 3. Products Manufactured in the Railway Rolling Stock Industry, 1957 and 1958

Product	1957		1958	
	Quantity	Selling value at works	Quantity	Selling value at works
		\$		\$
Brakes, brake beams, brake shoes and parts	—	2,503,807	—	3,067,452
Cars, railway, complete:				
Passenger	No. 25	2,503,406	99	9,551,987
Freight:				
Box (except refrigerator)	5,169	41,512,636	1,395	11,527,553
Flat	100	988,254	306	3,389,306
Gondola	1,050	9,643,142	600	6,516,952
Refrigerator	200	3,503,964	295	5,351,015
Tank	197	2,914,461	219	3,277,330
All other types	3,734	37,468,819	2,399	24,511,995
Cars, narrow gauge, for mines, quarries, etc.	400	515,814	150	72,150
Locomotives, diesel-electric, standard gauge, new	521	94,417,333	417	75,229,711
Castings, grey iron (sold)	ton 2,158	639,160	2,367	929,917
Forgings (sold)	—	92,817	—	15,730
Other parts for cars and locomotives	—	27,811,462	—	16,283,859
Repairs on freight cars	—	36,934,133	—	34,906,347
Repairs on passenger cars	—	14,411,096	—	13,960,896
Repairs on locomotives	—	30,569,546	—	24,354,133
Receipts from other customs and repair work	—	42,372,782	—	38,160,813
All other products	—	39,811,316	—	34,392,771
Total of above items	—	388,744,948	—	305,499,917
Add value of work done during year on cars, etc., which were not complete at year-end	—	25,594,558	—	15,282,914
Total	—	414,339,506	—	320,782,831
Deduct value of work done in previous years on cars, etc., completed during current year	—	27,617,453	—	24,821,581
Total value of production	—	386,722,053	—	295,961,250

TABLE 4. Materials Used in the Railway Rolling Stock Industry, 1957 and 1958

Material		1957		1958	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Iron and steel:					
Pig iron	ton	2,077	127,419	2,878	180,996
Bars and rods, steel	"	32,965	4,824,536	20,517	2,941,733
Wire steel	"	286	81,223	276	76,477
Plates, steel	"	67,688	9,539,819	52,987	7,822,033
Sheets - Plain	"	18,949	2,553,352	8,896	1,219,113
Galvanized	"	5,034	865,107	2,353	428,307
Strip, steel	"	2,203	347,295	1,366	191,692
Structural shapes, steel	"	53,868	7,428,305	32,697	4,513,881
Alloy steel	—	—	274,393	—	374,142
Scrap iron and steel	ton	123,244	4,242,516	106,364	4,319,677
Castings (rough and semi-finished received from foundry):					
Iron (gray and malleable)	"	6,777	1,765,386	5,190	1,814,038
Steel	"	19,029	7,701,333	15,515	6,036,055
Other iron and steel	—	—	5,416,174	—	2,396,186
Non-ferrous metals:					
Aluminum - Castings	lb.	376,560	270,200	104,511	67,358
Sheet	"	3,680,854	1,341,720	2,489,470	892,961
Other forms	"	203,574	119,364	80,275	51,666
Brass and bronze	"	8,041,721	5,178,325	7,179,999	3,779,760
Copper - Sheet	"	199,901	111,710	40,567	25,316
Wire	"	14	11	496	249
Other forms	"	300,778	170,591	250,540	106,373
Lead	"	45,169	11,942	39,426	10,737
Nickel	"	689	532	12,269	9,553
Tin	"	30,401	31,593	19,146	20,226
Zinc	"	408,860	123,393	277,046	68,399
Babbitt metal and solder	"	194,314	65,817	124,089	39,155
Other non-ferrous metals	—	—	85,967	—	53,914
Ferro-alloys	—	—	224,275	—	148,070
Other materials and supplies:					
Iron and steel pipe, tubes and fittings	—	—	3,158,450	—	2,659,784
Paints, oil and varnishes	—	—	1,314,994	—	1,045,546
Wheels	—	—	13,639,982	—	13,146,664
Springs	—	—	1,105,443	—	914,213
Other car and locomotive parts	—	—	74,520,573	—	53,020,940
Foundry coke	ton	21,187	711,311	16,936	564,139
Moulding sands	"	6,168	71,984	6,935	92,114
Core sands	"	2,851	27,088	1,791	16,590
Plumbago and graphite	lb.	39,292	3,272	47,575	5,692
Lumber	M bd. ft.	69,567	8,645,263	27,047	3,595,222
Firebrick and cupola blocks	—	—	130,265	—	77,700
Fireclay	ton	658	17,204	473	13,515
Core oil	Imp. gal.	5,103	5,646	3,493	3,979
All other materials	—	—	85,576,958	—	75,411,544
Total	—	—	241,830,731	—	188,155,709

TABLE 5. Production of Railway Spikes, 1949 - 1958

Year	Tonnage made	Tonnage sold	Income from sales
	tons		dollars
1949	11,279	10,792	1,125,272
1950	16,168	16,053	1,776,991
1951	16,908	17,068	2,142,668
1952	17,240	16,950	2,396,596
1953	14,820	14,401	2,087,052
1954 .....	..	11,393	1,685,033
1955 .....	..	14,380	2,159,334
1956 .....	..	18,817	3,235,704
1957 .....	..	12,358	2,293,294
1958 .....	..	13,200	2,625,868

.. Not available.

TABLE 6. Production of Railway Cars and Locomotives, 1949 - 1958

Year	Standard railway cars		Locomotives	
	Number	Selling value at works	Number	Selling value at works
		\$		\$
1949	10,798	60,684,727	319	38,144,425
1950	4,762	33,213,687	146	22,285,122
1951	10,613	75,428,547	267	41,893,150
1952	11,954	92,258,661	226	38,306,186
1953	8,464	85,879,182	260	42,259,233
1954	8,287	88,394,512	244	41,105,438
1955	3,736	27,821,586	362	59,692,536
1956	9,221	70,980,820	488	78,220,162
1957	10,475	98,665,682 ¹	521	94,417,333
1958	5,313	64,126,138	417	75,229,711

¹ Revised.

TABLE 7. Production of Finished Rail Fastenings, 1949 - 1958

Year	Tie plates			Fish plates or splice bars		
	Quantity made	Factory sales		Quantity made	Factory sales	
		Quantity	Income from sales		Quantity	Income from sales
	tons		\$	tons		\$
1949	48,493	48,343	4,231,844	14,481	14,267	1,398,322
1950	53,807	53,510	4,603,788	14,151	13,912	1,377,614
1951	67,588	66,783	6,464,668	18,655	18,577	2,008,149
1952	74,519	73,605	7,822,057	16,344	15,803	1,891,455
1953	50,181	50,202	5,530,240	14,939	14,159	1,754,308
1954	39,386	38,027	4,152,574	13,175	12,786	1,545,914
1955	66,856	67,683	7,272,282	15,582	16,812	1,986,547
1956	88,590	86,592	10,103,650	18,487	18,675	2,465,669
1957	78,555	80,575	10,148,065	17,022	16,793	2,502,295
1958	56,118	56,189	7,338,111	14,078	14,088	2,066,763

TABLE 8. Principal Statistics Classified According to Type of Ownership, 1957 and 1958

Type	Estab-lish-ments	Employees	Salaries and wages	Cost at plant of materials used	Gross selling value of products
	number			dollars	
1957					
Incorporated companies	30	27,909	104,168,142	241,830,731	386,722,053
Total	30	27,909	104,168,142	241,830,731	386,722,053
1958					
Incorporated companies	29	22,374	87,953,769	188,155,709	295,961,250
Total	29	22,374	87,953,769	188,155,709	295,961,250

TABLE 9. Principal Statistics of the Railway Rolling Stock Industry in Canada, Grouped According to Size of Establishment, 1957 and 1958

Establishments reporting value of production	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Gross selling value of products
	number		dollars		
1957					
\$200,000 to \$499,999	2	268	958,248	2,133,521	3,374,607
\$500,000 to \$999,999	4				
\$1,000,000 to \$4,999,999	8	2,257	7,835,042	10,015,402	19,181,966
\$5,000,000 and over	16	25,384	95,374,852	229,681,808	364,165,480
Total	30	27,909	104,168,142	241,830,731	386,722,053
1958					
\$100,000 to \$199,999	1	41	157,057	551,714	790,847
\$200,000 to \$499,999	2				
\$500,000 to \$999,999	4	242	861,509	2,038,037	3,428,988
\$1,000,000 to \$4,999,999	9	3,277	12,705,435	14,489,897	29,792,571
\$5,000,000 and over	13	18,814	74,229,768	171,076,061	261,948,844
Total	29	22,374	87,953,769	188,155,709	295,961,250

TABLE 10. Employees, Salaries and Wages in the Railway Rolling Stock Industry, by Provinces, 1957 and 1958

Province	Employees					Salaries	Wages	Total salaries and wages
	On salaries		On wages		Total			
	Male	Female	Male	Female				
	number					dollars		
1957								
Newfoundland, Nova Scotia and New Brunswick	195	13	2,420	7	2,635	892,162	8,647,629	9,539,791
Quebec	1,162	121	11,351	15	12,649	6,432,283	39,723,017	46,155,300
Ontario	869	201	4,877	12	5,959	5,668,974	19,083,102	24,752,076
Manitoba	263	3	4,556	—	4,822	1,277,640	15,927,995	17,205,635
Alberta and British Columbia	106	7	1,731	—	1,844	503,113	6,012,227	6,515,340
Total	2,595	345	24,935	34	27,909	14,774,172	89,393,970	104,168,142
1958								
Newfoundland, Nova Scotia and New Brunswick	201	9	1,839	6	2,055	953,039	6,887,875	7,840,914
Quebec	1,032	104	8,678	13	9,827	6,314,563	32,042,170	38,356,733
Ontario	857	174	3,555	15	4,601	5,762,260	14,472,414	20,234,674
Manitoba	280	3	3,931	—	4,214	1,375,161	14,277,989	15,653,150
Alberta and British Columbia	106	5	1,566	—	1,677	517,619	5,350,679	5,868,298
Total	2,476	295	19,569	34	22,374	14,922,642	73,031,127	87,953,769

TABLE 11. Production Workers, by Months, 1957 and 1958

Month	1957			1958		
	Male	Female	Total	Male	Female	Total
	number					
January	26,543	38	26,581	22,174	43	22,217
February	25,514	37	25,551	21,894	45	21,939
March	26,061	36	26,097	21,978	45	22,023
April	26,445	36	26,481	21,146	40	21,186
May	25,951	32	25,983	21,528	37	21,565
June	25,570	34	25,604	21,170	36	21,206
July	25,303	33	25,336	18,699	34	18,733
August	23,996	34	24,030	17,934	27	17,961
September	23,686	35	23,821	17,471	27	17,498
October	23,904	36	23,940	17,568	27	17,595
November	23,407	35	23,442	16,800	27	16,827
December	22,848	39	22,887	16,475	26	16,501
Average	24,935	34	24,969	19,569	34	19,603

TABLE 12. Capital and Repair Expenditures in the Railway Rolling Stock Industry, 1954 - 1958

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
	thousands of dollars						
1954	1,836	4,596	6,432	3,982	8,032	12,014	18,446
1955	1,691	2,270	3,961	3,715	6,240	9,955	13,916
1956	1,540	3,432	4,972	4,290	7,950	12,240	17,212
1957	4,026	4,240	8,266	4,758	8,859	13,617	21,883
1958 ¹	12,952	8,418	21,370	3,947	6,954	10,901	32,271

¹ Preliminary.

TABLE 13. Fuel and Electricity Used in the Railway Rolling Stock Industry, 1957 and 1958

Kind		1957		1958	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Bituminous coal—From Canadian mines	ton	34,352	409,150	29,004	322,390
Imported	"	75,104	742,530	74,900	767,389
Anthracite coal	"	10,135	110,219	10,598	115,218
Lignite coal	"	97,332	183,542	87,898	168,197
Coke (for fuel only)	"	3,011	94,991	3,341	106,936
Gasoline (including gasoline used in cars or trucks)	Imp. gal.	227,882	75,991	216,814	69,623
Fuel oil (including kerosene or coal oil)	"	8,067,091	1,168,890	8,951,036	1,008,432
Wood	cord	122	947	63	425
Gas—Liquefied petroleum gases (propane etc.)	Imp. gal.	—	—	36,617	21,150
Manufactured	M cu. ft.	83,126	90,964	25,146	26,354
Natural	"	261,423	59,152	270,655	92,940
Other fuel	—	—	46,785	—	36,928
Electricity purchased	kwh.	195,840,192	1,432,657	153,816,998	1,270,397
Total	—	—	4,415,818	—	4,006,379
Electricity generated for own use	kwh.	868,860	—	758,000	—

TABLE 14. Power Equipment Reported in the Railway Rolling Stock Industry, 1958

Type of equipment	Driving generators	Not driving generators
	horsepower	
A. Prime movers:		
1. Steam engines	4,570	2,100
2. Steam turbines	6,000	510
3. Diesel engines	464	968
4. Gasoline, gas and oil engines, other than diesel engines	—	419
5. Hydraulic turbines or water wheels	—	—
Total	11,034	3,997
B. Electric motors (one quarter horsepower and over)	—	129,593

TABLE 15. Imports and Exports of Specified Railway Equipment, 1957 and 1958

Item	1957		1958	
	Quantity	Value	Quantity	Value
		\$		\$
Imports				
Railway cars:				
Box and flat	No. 90	201,957	46	79,383
Tank	125	605,711	49	300,276
Passenger	15	195,610	46	401,319
Other	711	1,104,407	469	628,789
Railway car parts	—	6,225,037	—	4,330,346
Motor rail cars or units for use on railways and chassis for same, and parts	No. 110	7,509,190	27	947,202
Railway locomotives	" 20	171,028	12	614,423
Locomotive chassis, tops, wheels and bodies	—	4,045,676	—	2,082,051
Locomotives and motor cars for railways, of a class or kind not made in Canada, for sawmill, mining or metallurgical operations, and complete parts; also Diesel switching locomotives of a class or kind not made in Canada	No. 213	3,543,785	131	2,430,746
Locomotive beds or frames of steel, cast in one piece; tender frames of steel, cast in one piece; cast steel cradles for the rear ends of locomotive frames; cast steel truck frames and bolsters for engines, tenders and passenger coaches; platform castings for passenger coaches	—	213	—	5,304
Steel wheels, other, for use on railway rolling stock	—	5,669,621	—	4,198,665
Tires of steel, in the rough, not drilled or machined in any manner, for railway vehicles	cwt. 41,372	506,821	1,557	23,326
Exports				
Railway cars and coaches, and parts	No. 96	1,357,059	153	1,400,493
Locomotives and parts	" 70	11,511,948	8	969,225

108,907,440

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TRANSPORTATION EQUIPMENT

List of Firms in the Railway Rolling Stock Industry, 1958

Name	Location of works
Newfoundland:	
Canadian National Railways	St. John's
Nova Scotia:	
Canada Iron Foundries Limited	New Glasgow
Eastern Car Division of Dominion Steel and Coal Corp. Ltd.	Trenton
New Brunswick:	
Canadian National Railways	Moncton
Quebec:	
Canadian Car Company Limited	Ville St-Pierre
Canadian National Railways	Pointe St-Charles
Canadian Pacific Railway Company	Montreal
B.J. Coghlin Company Limited	3320 Ontario Street East, Montreal
Montreal Locomotive Works, Limited	1505 Dickson St. Montreal
Standard Railway Equipment Mfg. Co. (Canada) Ltd.	2100 Remembrance St., Lachine
Ontario:	
Buffalo Brake Beam Company	21 Dunbar Avenue, Hamilton
Canada Iron Foundries Limited	St. Thomas
Canadian Locomotive Co. Limited	140 Ontario Street, Kingston
Canadian National Railway Company	Florence Street, London
Canadian National Railway Company	256 Downie Street, Stratford
Canadian Pacific Railway Company	West Toronto
Canadian Westinghouse Co. Ltd.	286 Sanford Ave., Hamilton
Fairmont Railway Motors Limited	Montfair Ave., Toronto
General Motors Diesel Limited	Oxford Street, East, London
Hamant Car & Engineering Works Ltd.	29 Dunbar Avenue, Hamilton
National Steel Car Corporation Limited	Kenilworth Avenue North, Hamilton
The Sylvester Steel Products Company Limited	1 Victoria Avenue South, Lindsay
Manitoba:	
Canada Iron Foundries Limited	St. Boniface
Canadian National Railways	Fort Rouge
Canadian National Railways	Transcona
Canadian Pacific Railway Company	Winnipeg
Alberta:	
Canadian National Railways	Edmonton North
Canadian Pacific Railway Company	Calgary
British Columbia:	
Canadian Pacific Railway Company	Foot of Drake Street, Vancouver