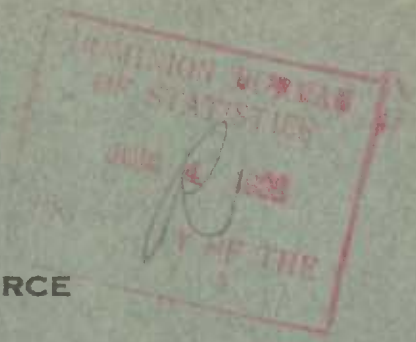


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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
MINING, METALLURGICAL & CHEMICAL BRANCH

AUTOMOBILE STATISTICS
FOR
CANADA
1935

(including Automobile Manufacturing, Imports and Exports,
Retail sales, Automobile financing, Registrations,
and Revenues from motor vehicles.)

Published by Authority of the HON. W.D. EULER, M.P.,
Minister of Trade and Commerce.

OTTAWA
1936

FOREWORD

This bulletin presents automobile statistics for Canada under four general headings: (a) Automobile Manufacturing; (b) Imports and Exports; (c) Retail Sales and Financing of Retail Sales, and (d) Registrations and Revenues.

Figures on the number of Automobiles produced in Canada are published monthly by the Bureau. More detailed information is published annually as in the present report. The general data on capital, employees, etc., for the automobile manufacturing industry cover only the car manufacturing and assembling plants and no attempt has been made to measure the total employment, etc., afforded by the automobile industry in all its phases. A number of concerns make auto parts such as bodies, wheels, radiators, etc., or materials such as lacquers, upholstering fabrics, etc., which are used in making automobiles, but the activities of these firms are not included in the figures for the automobile manufacturing industry. The total production of auto parts is summarized in Table 22.

Data on registrations, revenues, etc., are compiled from information supplied by the provincial departments. Only preliminary summary figures are given in this report but a more detailed analysis will appear in the special report which the Bureau issues annually on "The Highway and the Motor Vehicle in Canada".

Foreign trade statistics (imports and exports) are on a monthly basis, and special reports are published quarterly and annually giving details by countries of origin and destination. Only summary figures are given in this bulletin.

Statistics of retail sales and data on the financing of retail sales of new and used cars are published monthly. A special report on "Sales of Motor Vehicles and Motor Vehicle Financing in Canada, 1935" has been issued by the Bureau and is available upon request.

R. H. Coats,
Dominion Statistician.

Dominion Bureau of Statistics,
Ottawa, May 19, 1936.

Published by Authority of the HON. W. D. EULER, M.P.,
Minister of Trade and Commerce.

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
MINING, METALLURGICAL AND CHEMICAL BRANCH
OTTAWA - CANADA

Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)
Chief - Mining, Metallurgical and Chemical Branch: W. H. Losee, B.Sc.

AUTOMOBILE STATISTICS FOR CANADA, 1935.

THE AUTOMOBILE MANUFACTURING INDUSTRY - Final figures for 1935 indicate that production from the automobile manufacturing industry was valued at \$106,624,445 or 40 per cent more than in 1934 and the highest value reported since 1929. This total represents the factory selling value, or the wholesale value of all motor cars and parts made for sale in Canada or for export by the automobile manufacturing and assembling plants in this country, and also the amount received for custom and repair work done in these establishments.

Automobile production alone totalled 172,877 units with an aggregate wholesale value of \$99,013,047. This was an increase of 48 per cent in number and 41.4 per cent in value over the 1934 output of 116,852 cars and trucks worth \$70,030,474. About 60 per cent of the 1935 output, or 103,529 units, were made for sale in Canada and 40 per cent, or 69,348, were for export. The number made for the domestic market was 43 per cent above the 1934 figure and the number made for export was 55 per cent higher.

Passenger car production amounted to 135,562 units valued at \$79,209,276 including 107,183 permanent closed models, 2,890 permanent open cars, 1,709 convertible models, and 23,780 chassis. Sedans and coaches made up 70.6 per cent of the total; coupes, 8.3 per cent; open touring cars, 1.5 per cent; roadsters, 0.6 per cent; convertible coupe roadsters, 1.3 per cent, and chassis 17.5 per cent. Sixty-three per cent of the passenger cars, or 85,415, were intended for sale in Canada and 37 per cent, or 50,147, were for export.

Output of commercial cars totalled 37,315 in number and \$19,803,771 in value in 1935. This number, which was 54 per cent above the 1934 figure, was made up as follows: $\frac{3}{4}$ tons or less, 12,766; 1 ton and less than $1\frac{1}{2}$ tons, 1,047; $1\frac{1}{2}$ tons and less than 2 tons, 13,826; 2 tons and less than $2\frac{1}{2}$ tons, 8,852; over $2\frac{1}{2}$ tons, 763; and buses and special, 61. More than one-half of these trucks, or 19,201 units, were made for export, and 18,114 were for domestic consumption.

Slightly more than half of the cars and trucks made in 1935 carried 8-cylinder engines and about 48 per cent were equipped with 6-cylinder engines. The numbers by types of engines were: 4-cylinders, 232; 6-cylinders, 83,640; 8-cylinders, 88,980, and 12-cylinders, 25.

Engines made by the automobile manufacturers numbered 140,948 in 1935 compared with 83,036 in 1934 and 34,687 in 1933. Imports of engines totalled 30,893 in 1935 against 29,760 and 26,567 in 1934 and 1933 respectively.

Fourteen companies manufactured or assembled motor cars in Canada during 1935 and 20 separate factories were in operation. Fourteen of these establishments were located in Ontario, 2 in Quebec, 3 in British Columbia and 1 in Manitoba. The total floor space of the buildings was reported at 5,206,917 square feet and the estimated yearly capacity was given at 228,274 passenger cars and 39,151 trucks. On this basis it is calculated that the industry operated at about 65 per cent of capacity during 1935 as compared with 44 per cent in 1934, 17 per cent in 1933 and 66 per cent in 1929.

Capital employed in manufacturing was reported at \$40,765,548 in 1935 compared with \$34,520,938 in 1934. The value of lands, buildings and machinery was given at \$14,399,147, the value of inventories at \$9,321,517 and operating capital at \$17,044,884. The chief gain over 1934 was in operating capital which increased \$6.1 millions; inventories were higher by \$0.7 millions, while the value of buildings, etc. declined \$0.5 millions.

The average number of employees in 1935 was higher than in any other years except 1928 and 1929. The number on the payrolls in 1935 was 13,095 compared with 9,674 in 1934 and 8,134 in 1933. Salaried workers numbered 1,930 and salaries totalled \$4,046,338. Wage-earners averaged 11,165 and their earnings aggregated \$14,751,261.

Materials for manufacturing or assembling cost \$75,645,998 at the works after allowing for duty drawback on imported items. Fuel and electricity cost \$720,200.

APPARENT CONSUMPTION OF AUTOMOBILES - The apparent consumption of motor cars in Canada in any year may be computed by deducting the number of cars exported from the sum of production and imports. In 1935 production totalled 172,877 cars and imports amounted to 4,111 making an available supply of 176,988 cars, but exports and re-exports aggregated 64,621 units leaving 112,367 as the number apparently absorbed by the Canadian market. Corresponding figures for other years are as follows: 75,990 in 1934; 46,733 in 1933; 49,216 in 1932; 76,758 in 1931; 131,234 in 1930; 204,937 in 1929 and 209,607 in 1928.

CARS WITHDRAWN FROM USE - An estimate of the number of cars which were registered in 1934 and which were not licensed again in 1935 may be made by adding the apparent consumption to the previous year's registrations and deducting the registrations for the current year. In 1934 a total of 1,119,226 cars (excluding motor cycles) were registered and in 1935 there was an apparent consumption of 112,367 making a possible total of 1,231,593 cars in use in 1935. But registrations in 1935 actually were only 1,165,642 indicating that 65,951 cars were withdrawn from use. In 1934 the corresponding figure was 29,721 cars; in 1933, 78,860 cars; in 1932, 135,111 cars; in 1931, 108,509; in 1930, 95,241; and in 1929, 87,152.

It does not necessarily follow from the above calculation that the numbers indicated were actually scrapped or permanently withdrawn from use. No account has been taken of the changes in dealers' stocks of unlicensed new and used cars, nor has any consideration been given to the fact that during the depression years many private owners kept their cars in their garages to avoid operating costs. The very decided decline in the figure for 1934 as compared with other years was probably due in part to the return to the roads of many of these private cars and to the relicensing of used cars which were not registered in the previous year.

PRODUCTION OF AUTOMOBILE PARTS - The Industrial Census does not record complete data on the Canadian production of automobile parts and supplies but some figures are available and these have been assembled in Table 23 for 1934 and 1933. This compilation shows that the output in 1934 amounted in value to \$59,540,865 compared with \$37,602,636 in 1933. The details which make up these totals include bodies, tires, batteries, bumpers,

springs, wheels, radiators, etc., but do not include paint, lumber, upholstering cloth and other such articles for which there are no separate figures concerning the amounts used by the automobile trade.

Imports of automobile parts advanced to \$24,517,832 in 1935 from \$19,474,767 in 1934 and \$10,836,590 in 1933.

IMPORTS AND EXPORTS - Imports of automobiles and parts (other than engines) in the calendar year 1935 were valued at \$27,328,583 compared with a value in the previous year of \$21,471,896 or an increase of about 27 per cent. Imports of passenger cars numbered 3,133 valued at \$2,021,142 compared with 1,988 cars valued at \$1,348,789 in 1934. Imports of automobile parts in 1935 were valued at \$24,517,832 or \$5.1 millions more than in the preceding year. The bulk of the imports of automobiles and parts came from the United States which supplied \$26,870,805 worth or 98 per cent of the total. Imports of automobile engines during the calendar year 1935 increased to 30,893 engines worth \$5,936,507 from 29,760 engines valued at \$5,282,822 in 1934.

Export trade in Canadian-made automobiles and parts during the calendar year 1935 amounted to \$25,894,249 representing an increase of \$6.2 millions when compared with the 1934 figure. Exports in 1935 comprised 64,330 cars and trucks valued at \$22,968,582 and parts valued at \$2,925,667 compared with 43,368 cars and trucks worth \$17,203,794 and parts valued at \$2,415,222 in 1934. Exports of passenger cars increased 52 per cent in number and 30 per cent in value; trucks gained 38 per cent in number and 44 per cent in value, and the value of parts increased by 21 per cent.

Canada's best markets for automobiles and parts in 1935 in order of importance, were: Australia, British South Africa, United Kingdom, New Zealand, Spain, British Straits Settlements, British West Indies, British East Africa, Southern Rhodesia, British West Africa, Ceylon, Hong Kong and United States, while numerous other countries also appear in the list to which Canadian cars were shipped.

Re-exports from Canada of imported cars and parts represented a value of \$476,575 in the calendar year 1935 compared with \$523,222 in 1934. The total for 1935 includes 281 passenger cars at \$124,439, 10 trucks at \$3,407, and parts valued at \$348,729.

RETAIL SALES OF NEW MOTOR VEHICLES - Statistics of sales of new motor vehicles in Canada are collected monthly from companies which manufacture or assemble motor vehicles in Canada and from manufacturers in the United States of vehicles made for sale in Canada. Nineteen companies submitted reports in 1932 and 1933, twenty-two companies in 1934 and twenty-four companies in 1935. The coverage of business in this field is now more than 95 per cent.

The retail value reported is the price paid by an individual purchaser at the Canadian point of manufacture and includes sales and excise taxes, charges for standard accessories, dealer's commission, etc. Freight charges from factory to place of purchase have been excluded. Duty is included in the retail value of imported cars.

Sales of new motor vehicles in Canada in 1935 numbered 100,961 and were valued at \$101,285,655. Of the total number, 83,242 were passenger cars which sold for \$83,429,114, while 17,719 were trucks and buses which sold for \$17,856,541. Passenger car sales showed a gain over the 1934 totals of 35.3 per cent in number and 31.2 per cent in retail value, while the increase in truck and bus sales was still greater, being 49.5 per cent in number and 46.1 per cent in retail value. New motor vehicles to the number of 31,950 were financed for \$22,410,656 in 1935, while in the preceding year there were 23,264 new vehicles financed to the extent of \$16,364,735. In 1935 the amount of financing of new motor vehicles amounted to 22.1 per cent of the total selling value of all

such vehicles sold. In 1934 the corresponding ratio was slightly lower, or 21.6 per cent; in 1933 it was 22.1 per cent, while in 1932 it was 28.2 per cent.

While all sections recorded gains in number and value of cars, trucks and buses sold in 1935 over 1934, the relative increases were not uniform for all provinces. In comparison with the Dominion average of 37.6 per cent increase in total number of new vehicles sold, the increase in Saskatchewan was greatest, 59.6 per cent, while that in the Maritime Provinces was least, or 18.8 per cent.

In the passenger car group, the greatest relative improvement over 1934 in number and value of vehicles sold was recorded for the Western Provinces. Saskatchewan led with an increase of 51.3 per cent in number and 46.3 per cent in value, while Manitoba came second with increases of 45.5 per cent and 40.0 per cent in number and value respectively. Increases in passenger car sales in the Maritimes were much lower than in the other provinces as reflected in the percentage changes of 9.7 per cent in number of cars and 4.9 per cent in value of sales.

In number of commercial vehicles sold, Saskatchewan again showed the largest percentage gain in 1935 over 1934 and was followed by British Columbia, Manitoba and the Maritime Provinces.

FINANCING OF SALES OF NEW AND USED MOTOR VEHICLES IN CANADA - Statistics on financing of sales of motor vehicles have been compiled from returns made by all large finance companies in Canada, which are engaged in purchasing accounts, contracts or notes arising out of retail sales of motor vehicles. The reporting companies give separate totals for new and used vehicles and also for original and renewal financing or refinancing, but statistics on original financing only are published. At the present time totals for the whole of Canada only are available, but the Bureau has recently been receiving reports on volume of financing business by provinces from the various companies. As soon as sufficient data are on hand to make adequate comparisons, provincial figures will be published.

Table 32 presents a summary of motor vehicle financing by years from 1929 to 1935 to show the number of new and used vehicles whose sales were financed each year, and the corresponding amounts of financing. There were 100,178 motor vehicles whose sales in 1935 were financed to the extent of \$40,342,264. In 1934 there were 76,170 vehicles financed for \$30,091,463, while in 1933 the number was 54,238 and amount of financing, \$20,158,788.

The total number for 1935 included 31,950 new motor vehicles which were financed for \$22,410,656 or an average of \$701 each. There were also 68,228 used vehicles which were financed to the extent of \$17,931,608 or an average of \$263 each. Table 32 indicates that in so far as new motor vehicles are concerned the average amount of financing per vehicle has increased by approximately \$100 during recent years. On the other hand, the amount of financing per used vehicle has undergone an almost continuous decrease since 1929. Of the total number of motor vehicles whose sales in 1929 were financed, 43.6 per cent were new and 56.4 per cent were used. The percentage of new to total vehicles declined continuously until 1933 when it was 29.3 per cent. In 1934 it had risen slightly to 30.5 per cent and in 1935 it was 31.9 per cent.

The distribution of the total amount of financing as between new and used vehicles does not follow the continuous trend observed for the number of units. In 1929, 54.6 per cent of the total amount of financing was for new vehicles. The percentage of new to total dropped to 45.4 per cent in 1930, remained relatively stable at approximately 50 per cent from 1931 to 1933, and then increased to 54.4 per cent and 55.6 per cent in 1934 and 1935 respectively.

MOTOR VEHICLE REGISTRATIONS - The number of motor vehicle licenses issued in 1935 was 1,176,126 compared with 1,129,532 in 1934 and 1,083,178 in 1933. The gain in 1935 amounted to 4 per cent over 1934 which in turn was 4 per cent over the total for 1933 but the advance in these two years was not sufficient to offset the decline during the three preceding years. Registrations were still lower than in 1929, 1930 or 1931.

Automobiles were registered for the first time in Canada in 1904 and Ontario was the only province recorded as having issued licenses in that year. New Brunswick began registering cars in 1905, Quebec, Saskatchewan and Alberta in 1906, British Columbia in 1907, Manitoba and Nova Scotia in 1908, the Yukon in 1914, and Prince Edward Island in 1918.

Every province reported a greater number of permits than in 1934. The percentage gains were: Ontario, 4; Quebec, 3; British Columbia, 7; Saskatchewan, 3.6; Alberta, 5; Manitoba, 0.3; New Brunswick, 7; Nova Scotia, 5; Prince Edward Island, 14; and the Yukon, 6.

Passenger car licenses in 1935 numbered 984,670; trucks, 172,775; motor cycles, 10,484; taxicabs, 5,084; motor buses, 1,848; and ambulances, hearses, etc., 1,265.

REVENUES - Statistics are not yet available for 1935 concerning the revenues obtained by the provincial governments through motor vehicle licenses, gasoline taxes, operators' permits, etc., but the increase in registrations would indicate greater receipts from these sources. In 1934 a total of \$21,567,830 was collected for auto licenses, mileage, tax, etc., and \$29,054,853 for gasoline taxes.

Dominion revenues for the calendar year 1934 from import duties on motor vehicles, parts and tires amounted to \$6,493,117 and from excise tax on motor vehicles, \$315,527 or a total of \$6,808,644 as compared with a total of \$4,021,803 in 1933.

The tax rate on gasoline is now 8 cents per gallon in Prince Edward Island, Nova Scotia and New Brunswick; 7 cents in Manitoba, Saskatchewan, Alberta, and British Columbia and 6 cents in Quebec and Ontario.

HIGHWAYS EXPENDITURE - The surfaced highway mileage at the end of 1934 as reported by the several provincial departments amounted to 93,642 miles and unsurfaced roads to 315,627 miles, making a total of 409,269 miles, exclusive of streets in cities, towns or incorporated villages. Expenditures on highways during 1934 totalled \$67,026,260 including \$46,144,295 for capital expenditures and \$20,881,965 for maintenance. In 1933 the amount spent on highways was \$40,505,054. Data for 1935 are not yet available.

TOURIST TRADE - A preliminary estimate of Canada's tourist trade in 1935 places the total expenditures of tourists from other countries at approximately \$201,000,000 and the total expenditures of Canadian tourists in other countries at approximately \$91,000,000, these being increases of \$71,000,000 and \$30,000,000 respectively as compared with the previous year.

The number of automobiles from the United States for touring purposes was 3,605,086 in 1935 compared with 3,261,848 in 1934. The estimated expenditures by these automobile tourists was \$131,806,000 as compared with \$86,259,000 in 1934.

Canadian automobiles entering the United States for touring purposes numbered 659,259 in 1935 against 513,852 in 1934. Their total expenditures were estimated to have been approximately \$50,206,000 in 1935 compared with \$32,645,000 in 1934.

A - THE AUTOMOBILE MANUFACTURING INDUSTRY

Compiled in the Mining, Metallurgical and Chemical Branch

Chief: W. H. Losee, B.Sc.

Table 1 - PRODUCTION OF AUTOMOBILES SUBDIVIDED AS BETWEEN PASSENGER CARS AND TRUCKS, 1920 - 1935.

Years	PASSENGER CARS(x)			TRUCKS		T O T A L	
	Number	Selling value at works		Number	Selling value at works	Number	Selling value at works (a)
		\$			\$		\$
1920	83,970	80,558,204	10,174	8,153,517	94,144	88,711,721	
1921	61,098	53,561,415	5,148	3,843,288	66,246	57,404,703	
1922	92,838	67,226,654	8,169	5,232,405	101,007	72,459,059	
1923	127,976	78,282,372	19,226	8,941,011	147,202	87,223,383	
1924	114,537	70,609,960	18,043	8,125,916	132,580	78,735,876	
1925	135,573	86,158,773	26,397	12,234,486	161,970	98,393,259	
1926	166,887	106,000,203	37,840	16,629,334	204,727	122,629,537	
1927	146,421	100,962,211	32,633	14,942,017	179,054	115,904,228	
1928	197,848	127,263,877	44,206	21,913,122	242,054	149,176,999	
1929	203,307	134,023,280	59,318	29,474,395	262,625	163,497,675	
1930	121,337	75,253,581	32,035	16,513,225	153,372	91,766,806	
1931	65,072	42,634,173	17,487	10,330,763	82,559	52,964,936	
1932	50,694	32,490,129	10,095	6,070,667	60,789	38,560,796	
1933	53,849	32,568,268	12,003	6,062,195	65,852	38,630,463	
1934	92,647	57,260,156	24,205	12,770,318	116,852	70,030,474	
1935	135,562	79,209,276	37,315	19,803,771	172,877	99,013,047	

(x) Prior to 1925 all chassis included with passenger cars; subsequently the division between passenger and truck chassis has been made.

(a) Selling value represents amount of money received by manufacturers from their dealers or distributors; taxes, 'dealers' commissions, etc., are not included.

Table 2 - HISTORICAL SUMMARY OF THE AUTOMOBILE MANUFACTURING INDUSTRY, 1920 - 1935.

Years	Number of plants(x)	Capital employed	Average number of employees	Salaries and wages	Cost of materials at works(a)	Selling value of products at works(b)
		\$		\$	\$	\$
1920 ...	17	53,906,506	8,281	13,331,084	67,157,045	101,465,846
1921 ...	14	40,080,269	5,475	7,887,173	45,119,345	67,050,209
1922 ...	15	47,761,964	7,344	11,273,643	54,408,719	81,956,429
1923 ...	10	60,146,195	9,305	14,998,267	71,851,633	96,614,176
1924 ...	12	60,766,886	9,277	14,219,137	64,146,581	88,480,418
1925 ...	11	74,678,451	10,301	17,249,270	74,166,378	110,835,380
1926 ...	11	82,791,968	11,905	19,650,804	89,372,095	133,598,456
1927 ...	11	88,831,668	11,063	18,862,846	88,451,757	128,700,514
1928 ...	14	97,056,328	16,749	29,548,114	114,892,190	162,867,495
1929 ...	17	98,378,301	16,435	26,864,808	120,329,612	177,315,593
1930 ...	16	90,671,678	12,541	19,473,782	66,924,019	101,677,487
1931 ...	26	59,638,057	9,545	13,113,192	36,476,355	59,674,345
1932 ...	25	49,641,777	8,810	11,435,741	28,278,809	43,801,389
1933 ...	22	40,000,559	8,134	8,557,331	28,730,750	42,885,643
1934 ...	21	34,520,938	9,674	12,938,933	52,693,074	76,133,448
1935 ...	20	40,765,548	13,095	18,797,599	75,645,998	106,624,445

(x) Includes assembly plants.

(a) Duty drawback has been deducted.

(b) Includes value of parts made in auto factories.

Table 3 - CAPITAL EMPLOYED IN THE AUTOMOBILE MANUFACTURING INDUSTRY, 1921 - 1935.

Years	Present value of lands, buildings, machinery and tools	Inventory value of materials on hand, stocks in process, supplies on hand and finished products on hand	Operating capital (cash, accounts and bills receiv- able, prepaid expenses, etc.)	TOTAL CAPITAL EMPLOYED
	\$	\$	\$	\$
1921	17,773,865	15,094,164	7,212,240	40,080,269
1922	21,134,444	16,456,849	10,170,671	47,761,964
1923	28,737,687	16,444,121	14,964,387	60,146,195
1924	33,452,739	13,265,731	14,048,416	60,766,886
1925	34,515,437	17,222,966	22,940,048	74,678,451
1926	33,584,155	17,110,073	32,097,740	82,791,968
1927	40,373,467	14,980,042	33,478,159	88,831,668
1928	47,970,676	20,951,734	28,133,918	97,056,328
1929	51,108,033	20,156,604	27,113,664	98,378,301
1930	51,985,366	13,927,033	24,759,279	90,671,678
1931	28,668,312	9,337,257	21,632,488	59,638,057
1932	23,406,717	7,763,934	18,471,126	49,641,777
1933	19,654,240	6,720,495	13,625,824	40,000,559
1934	14,924,275	8,652,766	10,943,897	34,520,938
1935	14,399,147	9,321,517	17,044,884	40,765,548

Table 4 - EMPLOYEES, SALARIES AND WAGES IN THE AUTOMOBILE MANUFACTURING INDUSTRY, 1921 - 1935.

Years	AVERAGE NUMBER OF EMPLOYEES					Salaries	Wages	TOTAL SALARIES AND WAGES
	On salaries		On wages		TOTAL			
	Male	Female	Male	Female				
						\$	\$	\$
1921	759	267	4,311	138	5,475	1,402,536	6,484,637	7,887,173
1922	1,007	334	5,826	217	7,384	2,810,397	8,463,246	11,273,643
1923	1,169	311	7,596	229	9,305	3,260,467	11,737,800	14,998,267
1924	1,050	355	7,675	197	9,277	3,280,935	10,938,202	14,219,137
1925	1,227	369	8,497	208	10,301	3,517,421	13,731,849	17,249,270
1926	1,233	422	10,047	203	11,905	3,913,865	15,736,939	19,650,804
1927	1,547	570	8,746	200	11,063	4,723,711	14,139,135	18,862,846
1928	1,740	696	14,075	238	16,749	5,255,897	24,292,217	29,548,114
1929	1,687	603	13,922	223	16,435	5,227,608	21,637,200	26,864,808
1930	1,631	577	10,197	136	12,541	4,775,918	14,697,864	19,473,782
1931	1,301	456	7,612	176	9,545	4,288,009	8,825,183	13,113,192
1932	1,302	464	6,903	141	8,810	3,949,998	7,485,743	11,435,741
1933	1,214	429	6,339	152	8,134	3,306,226	5,251,105	8,557,331
1934	1,346	427	7,685	216	9,674	3,532,018	9,406,915	12,938,933
1935	1,459	471	10,866	299	13,095	4,046,338	14,751,261	18,797,599

Table 5 - NUMBER OF WAGE-EARNERS EMPLOYED IN THE AUTOMOBILE MANUFACTURING INDUSTRY,
BY MONTHS, 1934 and 1935.

Months	1934			1935		
	Male	Female	TOTAL	Male	Female	TOTAL
January	6,421	175	6,596	9,071	258	9,329
February	7,298	218	7,516	12,194	349	12,543
March	9,978	274	8,252	13,233	400	13,633
April	9,085	303	9,388	13,069	416	13,485
May	9,821	344	10,165	12,699	403	13,107
June	9,121	348	9,469	11,325	352	11,677
July	8,291	266	8,557	10,340	225	10,565
August	7,723	177	7,900	8,929	133	9,062
September	6,350	59	6,409	8,712	160	8,872
October	6,133	95	6,228	10,127	265	10,392
November	6,744	143	6,887	9,909	288	10,197
December	7,239	188	7,427	10,769	327	11,096
AVERAGE FOR YEAR	7,685	216	7,901	10,866	299	13,095

Table 6 - FUEL AND ELECTRICITY USED IN THE AUTOMOBILE MANUFACTURING INDUSTRY, 1934 and 1935.

Kinds	Unit of measure	1934		1935	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Anthracite coal	short ton	4	55	...	...
Bituminous coal - Canadian ...	short ton	8,227	40,018	8,348	42,583
Foreign	short ton	60,555	273,180	74,351	348,577
Lignite coal	short ton	101	402	...	...
Gasoline	Imp. gal.	48,304	6,887	69,011	9,593
Kerosene	Imp. gal.	13,031	1,538	...	...
Fuel oil	Imp. gal.	540,676	28,705	657,110	35,653
Gas	M cu.ft.	127,595	68,340	173,743	93,286
Wood	cord	3,192	7,355	3,540	7,685
Electricity purchased	K. W. H.	10,836,578	140,245	14,365,479	182,675
Other fuel	xxx	...	145	...	148
TOTAL COST	xxx	...	566,870	...	720,200
Electricity generated for own use	K. W. H.	21,541,850	...	28,893,990	...

Table 7 - POWER EQUIPMENT IN THE AUTOMOBILE MANUFACTURING INDUSTRY, 1934 and 1935.

	1934		1935	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Steam engines and turbines	34	23,201	32	23,492
Total Primary Equipment	34	23,201	32	23,492
Electric motors run by purchased power ...	2,764	14,889	2,948	14,478
TOTAL	2,798	38,090	2,980	37,970
Electric motors run by power generated with above primary units	4,970	22,616	4,677	21,628
Total Electric Motors	7,734	37,505	7,625	36,108
Boilers	26	10,569	26	10,390

Table 8 - POWER EQUIPMENT SUBDIVIDED BETWEEN IN USE AND RESERVE OR IDLE, 1935.

	Ordinarily in use		In reserve or idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Steam engines and turbines	29	16,668	3	6,824
Total Primary Equipment	29	16,668	3	6,824
Electric motors run by purchased power ...	2,632	12,886	316	1,592
TOTAL	2,661	29,554	319	8,416
Electric motors run by power generated with above primary units	4,177	19,333	500	2,295
Total Electric Motors	6,809	32,219	816	3,887
Boilers	23	8,233	3	2,161

Table 9 - AREA, FLOOR SPACE, AND ESTIMATED YEARLY CAPACITY OF AUTOMOBILE MANUFACTURING PLANTS, 1921 - 1935.

Years	No. of plants	Total area covered by plants Acres	Total floor space of buildings Sq. ft.	Estimated yearly capacity of plants		
				Passenger cars	Trucks	TOTAL
				No.	No.	No.
1921	14	100	2,748,911	130,600	26,561	157,161
1922	15	127	3,156,840	155,100	30,812	185,912
1923	10	116	4,196,295	258,500	30,100	288,600
1924	11	175	4,442,768	263,500	35,300	298,700
1925	11	218	4,588,332	242,500	27,490	269,990
1926	11	222	4,979,917	265,050	26,890	291,940
1927	11	229	5,646,779	305,000	27,240	332,240
1928	14	309	6,291,233	328,000	38,665	366,665
1929	17	335	6,598,483	334,611	63,579	398,190
1930	16	343	6,619,467	324,611	60,779	385,390
1931	26	346	6,852,253	328,110	71,980	400,090
1932	25	300	6,412,712	364,425	61,970	426,395
1933	22	273	6,018,351	340,332	31,693	372,025
1934	21	244	5,213,684	233,794	33,431	267,225
1935	20	243	5,206,917	228,274	39,151	267,425

Table 10 - NUMBER AND SELLING VALUE AT WORKS OF AUTOMOBILES PRODUCED, SUBDIVIDED BETWEEN MADE FOR SALE IN CANADA AND FOR EXPORT, 1935.

Types	Produced for sale in Canada		Produced for Export		T O T A L	
	Selling value		Selling value		Selling value	
	Number	at works	Number	at works	Number	at works
		\$		\$		\$
(a) PASSENGER CARS						
Permanent open cars -						
Roadsters	200	111,844	643	292,147	843	403,991
Touring	64	37,410	1,983	937,821	2,047	975,231
Convertible cars -						
Coupe, roadster	837	683,490	843	453,054	1,680	1,136,544
Sedan, touring	22	28,358	7	11,857	29	40,215
Permanent closed cars -						
Coupe	9,571	5,856,499	1,699	763,013	11,270	6,619,512
2-Door sedan	29,779	18,162,849	2,771	1,288,872	32,550	19,451,721
4-Door sedan	44,842	34,185,251	18,350	10,178,979	63,192	44,364,230
Other closed	62	92,411	109	189,344	171	281,755
Chassis (sold without bodies)	38	24,684	23,742	5,911,393	23,780	5,936,077
Total Passenger Cars	85,415	59,182,796	50,147	20,026,480	135,562	79,209,276

Table 10 - NUMBER AND SELLING VALUE AT WORKS OF AUTOMOBILES PRODUCED, SUBDIVIDED BETWEEN
MADE FOR SALE IN CANADA AND FOR EXPORT, 1935 (concluded)

Types	Produced for		Produced for Export		T O T A L	
	Sale in Canada		Selling value		Selling value	
	Selling value		Selling value		Selling value	
	Number	at works	Number	at works	Number	at works
		\$		\$		\$
(b) COMMERCIAL CARS, including TRUCKS, BUSES, TRUCK CHASSIS, BUS CHASSIS, ETC.						
3/4 ton or less	6,446	3,379,989	6,320	2,132,827	12,766	5,512,816
1 ton and less than 1½ tons	1,047	660,579	...	...	1,047	660,579
1½ tons and less than 2 tons	3,198	2,207,226	10,628	4,009,170	13,826	6,216,396
2 tons and less than 2½ tons	6,625	5,248,359	2,227	884,508	8,852	6,132,867
2½ tons and less than 3½ tons	528	534,489	26	12,722	554	547,211
3½ tons and 4½ tons in- clusive	181	392,645	...	...	181	392,645
5 tons	23	65,615	...	...	23	65,615
5½ tons and over	5	20,000	...	...	5	20,000
Special (ambulances, hearses, etc.)	2	2,347	...	...	2	2,347
Buses (including truck chassis for bus use) ...	59	253,295	...	...	59	253,295
Total Commercial Cars ..	18,114	12,764,544	19,201	7,039,227	37,315	19,803,771
TOTAL - ALL CARS	103,529	71,947,340	69,348	27,065,707	172,877	99,013,047
Repair parts and accessories .....	...	3,360,059	...	888,427	...	4,248,486
Amount received for custom work and repairs .....	...	...	...	...	...	79,973
All other products .....	...	...	...	...	...	3,282,939
TOTAL - ALL PRODUCTS ...	...	...	...	...	...	106,624,445

Table 11 - AUTOMOBILE PRODUCTION DISTRIBUTED ACCORDING TO SIZE OF ENGINES, 1935.

Types	Number of units having				TOTAL NUMBER OF UNITS
	4	6	8	12	
	cyl.	cyl.	cyl.	cyl.	
(a) <u>PASSENGER CARS</u>					
Permanent open cars -					
Roadsters	87	756	..	843
Touring	195	1,852	...	2,047
Convertible cars -					
Coupe, roadster	292	1,388	...	1,680
Sedan, touring	28	1	29
Permanent closed cars -					
Coupe	5,591	5,679	...	11,270
2-Door sedan	16,219	16,331	...	32,550
4-Door sedan	32,516	30,657	19	63,192
Other closed	32	138	5	175
Chassis (sold without bodies)	13,291	10,485	...	23,776
Total Passenger Cars	68,223	67,314	25	135,562

Table 11 - AUTOMOBILE PRODUCTION DISTRIBUTED ACCORDING TO SIZE OF ENGINES, 1935.
(concluded)

(continued)

Types	NUMBER OF UNITS HAVING				TOTAL NUMBER OF UNITS
	4 cyl.	6 cyl.	8 cyl.	12 cyl.	
(b) COMMERCIAL CARS, including TRUCKS, BUSES, TRUCK CHASSIS, BUS CHASSIS, ETC.					
3/4 ton or less .....	...	4,628	8,138	...	12,766
1 ton and less than 1½ tons	224	823	...	...	1,047
1½ tons and less than 2 tons .....	...	4,950	8,876	...	13,826
2 tons and less than 2½ tons .....	...	4,231	4,621	...	8,852
2½ tons and less than 3½ tons .....	...	554	...	...	554
3½ tons and 4½ tons inclusive	8	173	...	...	181
5 tons .....	...	23	...	...	23
5½ tons and over .....	...	5	...	...	5
Special (ambulances, hearses, etc.) .....	...	...	2	...	2
Buses (including truck chassis for bus use) .....	...	30	29	...	59
Total Commercial Cars	232	15,417	21,666	...	37,315
TOTAL - ALL CARS	232	83,640	88,980	25	172,877

Table 12 - NUMBER AND SELLING VALUE AT WORKS OF AUTOMOBILES PRODUCED, 1934.

NUMBER OF UNITS HAVING							TOTAL	TOTAL
12 cyl-							NUMBER	SELLING
4 cyl-	6 cyl-	8 cyl-	inders			OF	VALUE	
inder	inder	inder	and over			UNITS	AT WORKS	
								\$
(a) PASSENGER CARS -								
Permanent open cars -								
Roadsters	79	207	779	...	1,065	499,072		
Touring	910	252	1,270	...	2,432	1,057,998		
Convertible cars -								
Coupe, roadster	3	635	904	10	1,552	1,212,651		
Sedan, touring .....	...	...	44	1	45	90,960	
Permanent closed cars -								
Coupe	120	5,861	4,699	...	10,680	6,868,709		
2-Door sedan	356	10,731	9,359	...	20,446	11,805,089		
4-Door sedan	1,039	24,362	18,216	27	43,644	31,885,909		
Other, closed .....	...	1	241	12	254	509,533	
Chassis (sold without bodies) ..	865	5,713	5,951	...	12,529	3,330,235		
Total Passenger Cars	3,372	47,762	41,463	50	92,647	57,260,156		
(b) COMMERCIAL CARS, including TRUCKS, BUSES, TRUCK CHASSIS, BUS CHASSIS, etc.								
3/4 ton or less	931	2,387	2,887	...	6,205	2,944,413		
1 ton and less than 1½ tons	47	400	...	...	447	221,089	
1½ tons and less than 2 tons ...	2,113	5,264	6,287	...	13,664	6,306,787		
2 tons and less than 2½ tons ...	...	3,362	256	...	3,618	2,757,115	
2½ tons and less than 3½ tons ..	...	136	...	...	136	184,589	
3½ tons and 4½ tons inclusive ..	6	68	2	...	76	164,103		
5 tons .....	...	26	...	...	26	50,883	
5½ tons and over .....	...	1	...	...	1	9,500	
Buses (including truck chassis for bus use) .....	...	19	13	...	32	131,839	
Total Commercial Cars	3,097	11,663	9,445	...	24,205	12,770,318		
TOTAL - ALL CARS	6,469	59,425	50,908	50	116,852	70,030,474		
Amount received for custom work and repairs							179,671	
All other products including parts for repairs and for export							5,923,303	
TOTAL							76,133,448	

Table 13 -- PRODUCTION BY ENGINE TYPES, 1921 - 1935.

Years	4 cylinders		6 cylinders		8 cylinders		Over 8 cylinders		TOTAL NUMBER
	No.	%	No.	%	No.	%	No.	%	
1921	59,232	89.4	6,824	10.3	190	0.3	...	...	66,246
1922	88,782	87.9	12,031	11.9	194	0.2	...	...	101,007
1923	134,816	91.6	12,180	8.3	206	0.1	...	...	147,202
1924	119,005	89.8	13,310	10.1	165	0.1	...	...	132,580
1925	142,233	87.8	19,521	12.1	216	0.1	...	...	161,970
1926	176,055	86.0	28,532	13.9	140	0.1	...	...	204,727
1927	131,532	73.5	47,294	26.4	228	0.1	...	...	179,054
1928	185,606	76.7	55,660	23.0	788	0.3	...	...	242,054
1929	123,275	46.9	138,414	52.7	936	0.4	...	...	262,625
1930	82,664	53.9	63,500	41.4	7,208	4.7	...	...	153,372
1931	35,758	43.3	41,413	50.1	5,295	6.5	93	0.1	82,559
1932	17,552	28.9	27,875	45.8	15,320	25.2	42	0.1	60,789
1933	11,575	17.6	32,251	49.0	21,994	33.4	32	...	65,852
1934	6,469	5.5	59,425	50.9	50,908	43.6	50	...	116,852
1935	232	0.2	83,640	48.4	88,980	51.4	25	...	172,877

Table 14 - PRODUCTION OF AUTOMOBILES, BY MONTHS, 1928 - 1935. (NUMBER ONLY)

Months	1928	1929	1930	1931	1932	1933	1934	1935
January	8,463	21,501	10,388	6,496	3,731	3,358	6,904	10,607
February ...	12,504	31,287	15,548	9,864	5,477	3,298	8,571	18,114
March	17,469	40,621	20,730	12,993	8,318	6,632	14,180	21,975
April	24,211	41,901	24,257	17,159	6,810	8,255	18,363	24,123
May	33,942	31,559	24,672	12,738	8,221	9,396	20,161	20,702
June	28,399	21,492	15,090	6,835	7,112	7,323	13,905	15,745
July	25,226	17,461	10,188	4,220	7,472	6,540	11,114	13,069
August	31,245	14,214	9,792	4,544	4,067	6,079	9,904	7,692
September ..	21,193	13,817	7,957	2,646	2,342	5,808	5,579	5,323
October	18,536	14,523	4,541	1,440	2,923	3,682	3,780	8,313
November ...	11,769	9,424	5,407	1,247	2,204	2,291	1,697	13,496
December	9,097	4,825	4,802	2,377	2,112	3,190	2,694	13,718
TOTAL	242,054	262,625	153,372	82,559	60,789	65,852	116,852	172,877

Table 15 - PRODUCTION OF AUTOMOBILES BY MONTHS, 1933 - 1935, SHOWING MADE FOR SALE IN CANADA AND MADE FOR EXPORT, SEPARATELY

Months	1 9 3 3			1 9 3 4			1 9 3 5		
	For sale in Canada	For ex- port	TOTAL	For sale in Canada	For ex- port	TOTAL	For sale in Canada	For ex- port	TOTAL
(a) PASSENGER CARS									
January	2,713	208	2,921	2,464	2,482	4,946	4,943	3,326	8,269
February	2,864	161	3,025	4,616	2,485	7,101	8,498	5,387	13,885
March	4,582	1,345	5,927	9,118	3,154	12,272	11,627	6,552	18,179
April	5,026	1,931	6,957	11,678	3,773	15,451	15,309	5,379	20,688
May	6,229	1,795	8,024	12,864	3,640	16,504	13,473	3,557	17,030
June	4,699	1,306	6,005	6,711	4,099	10,810	8,316	3,960	12,276
July	3,949	1,373	5,322	4,594	3,813	8,407	5,135	4,336	9,471
August	3,507	1,412	4,919	3,564	3,761	7,325	1,376	4,148	5,524
September ...	1,892	2,466	4,358	1,066	3,145	4,211	1,109	2,710	3,819
October	635	2,088	2,723	448	1,677	2,125	4,033	3,095	7,128
November	361	1,142	1,503	671	381	1,052	5,947	6,095	12,042
December	887	1,284	2,171	2,030	413	2,443	5,649	1,602	7,251
TOTAL	37,344	10,511	53,855	59,824	32,823	92,647	85,415	50,147	135,562

Table 15 - PRODUCTION OF AUTOMOBILES BY MONTHS, 1933 - 1935, SHOWING MADE FOR SALE IN CANADA AND MADE FOR EXPORT, SEPARATELY (concluded)

CANADA AND MADE FOR EXPORT, SEPARATELY (continued)												
	1	9	3	3	1	9	3	4	1	9	3	5
Months	For sale in Canada	For ex- port	TOTAL	For sale in Canada	For ex- port	TOTAL	For sale in Canada	For ex- port	TOTAL			
(b) COMMERCIAL CARS												
January ...	317	120	437	506	1,452	1,958	1,078	1,260	2,338			
February ..	266	7	273	795	675	1,470	1,747	2,482	4,229			
March	496	209	705	1,157	751	1,908	2,419	1,377	3,796			
April	617	681	1,298	1,847	1,065	2,912	2,504	931	3,435			
May	938	434	1,372	2,324	1,333	3,657	2,608	1,064	3,672			
June	823	495	1,318	1,717	1,378	3,095	1,594	1,875	3,469			
July	613	605	1,218	1,301	1,406	2,707	2,012	1,586	3,598			
August	653	507	1,160	1,369	1,210	2,579	1,311	857	2,168			
September ..	560	890	1,450	305	1,063	1,368	416	1,088	1,504			
October ...	281	678	959	628	1,027	1,655	694	491	1,185			
November ..	212	576	788	404	241	645	729	725	1,454			
December ..	138	881	1,019	94	157	251	1,002	5,465	6,467			
TOTAL ...	5,914	6,083	11,997	12,447	11,758	24,205	18,114	19,201	37,315			
(c) ALL CARS												
January ...	3,030	328	3,358	2,970	3,934	6,904	6,021	4,586	10,607			
February ..	3,130	168	3,298	5,411	3,160	8,571	10,245	7,869	18,114			
March	5,078	1,554	6,632	10,275	3,905	14,180	14,046	7,929	21,975			
April	5,643	2,612	8,255	13,525	4,838	18,363	17,813	6,310	24,123			
May	7,167	2,229	9,396	15,188	4,973	20,161	16,081	4,624	20,702			
June	5,522	1,801	7,323	8,428	5,477	13,905	9,910	5,835	15,745			
July	4,562	1,978	6,540	5,895	5,219	11,114	7,147	5,922	13,069			
August	4,160	1,919	6,079	4,933	4,971	9,904	2,687	5,005	7,692			
September ..	2,452	3,356	5,808	1,371	4,208	5,579	1,525	3,798	5,323			
October ...	916	2,766	3,682	1,076	2,704	3,780	4,727	3,586	8,313			
November ..	573	1,718	2,291	1,075	622	1,697	6,676	6,820	13,496			
December ..	1,025	2,165	3,190	2,124	570	2,694	6,651	7,087	13,718			
TOTAL ...	43,258	22,594	65,852	72,271	44,581	116,852	103,529	69,348	172,877			

Table 16 - IMPORTS INTO CANADA AND EXPORTS OF AUTOMOBILES, BY MONTHS, 1932 - 1935.

Months	I M P O R T S :				EXPORTS AND RE-EXPORTS			
	1932	1933	1934	1935 :	1932	1933	1934	1935
	No.	No.	No.	No. :	No.	No.	No.	No.
January	202	129	133	264	582	504	2,404	1,598
February	160	99	194	329	414	277	3,045	4,858
March	295	158	371	587	592	1,637	4,954	9,379
April	186	226	266	520	355	1,268	3,968	6,371
May	163	159	556	569	374	2,729	4,242	6,539
June	81	161	383	365	802	2,299	5,298	4,873
July	114	181	289	335	1,540	1,790	6,598	5,105
August	86	174	189	269	1,566	1,754	3,567	6,009
September	56	95	110	164	1,717	2,247	3,343	4,792
October	49	131	144	180	2,462	2,952	3,778	3,956
November	40	110	107	327	1,486	1,786	1,929	5,606
December	17	158	163	202	1,132	1,657	641	5,535
TOTAL	1,449	1,781	2,905	4,111	13,022	20,900	43,767	64,621

Table 17 - TREND IN CLOSED CAR OUTPUT, 1920 - 1935.

Years	PASSENGER CAR PRODUCTION			
	TOTAL (x)	Open	Closed	% closed
	No.	No.	No.	
1920	79,035	71,078	7,957	10
1921	57,401	48,472	8,929	16
1922	79,194	63,296	15,898	20
1923	106,226	79,017	27,209	26
1924	98,365	67,204	31,161	32
1925	124,373	74,333	50,040	40
1926	154,061	69,582	84,479	55
1927	137,290	37,585	99,705	73
1928	176,096	40,680	135,416	77
1929	188,721	34,744	153,977	82
1930	115,535	19,849	95,686	83
1931	64,639	8,072	56,567	88
1932	48,380	3,336	45,044	93
1933	47,523	2,696	44,827	94
1934	80,118	4,295(a)	75,823(a)	95
1935	111,782	3,744(a)	108,038(a)	97

(x) Excluding passenger chassis. (a) Convertible cars divided evenly between open and closed types.

Table 18 - APPARENT CONSUMPTION OF AUTOMOBILES IN CANADA, 1917 - 1935.

Years	TOTAL	SUPPLY	:	LESS	APPARENT
	Production	Imports	:	Exports Re-Exports	CONSUMPTION
	No.	No.		No. No.	No.
1917	93,810	16,656		9,492 567	100,407
1918	82,408	10,812		10,361 322	82,537
1919	87,835	11,750		22,949 305	76,331
1920	94,144	9,145		23,012 542	79,735
1921	66,246	7,270		10,726 254	62,536
1922	101,007	11,591		37,958 268	74,372
1923	147,202	11,822		69,920 438	88,666
1924	132,580	9,301		56,655 326	84,900
1925	161,970	14,632		74,151 341	102,110
1926	204,727	28,544		74,324 370	158,577
1927	179,054	36,630		57,414 438	157,832
1928	242,054	47,408		79,388 467	209,607
1929	262,625	44,724		101,711 671	204,967
1930	153,372	23,233		44,553 818	131,234
1931	82,559	8,738		13,813 726	76,758
1932	60,789	1,449		12,534 488	49,216
1933	65,852	1,781		20,403 497	46,733
1934	116,852	2,905		43,368 399	75,990
1935	172,877	4,111		64,330 291	112,367

Table 19 - ESTIMATE OF NUMBER OF CARS WITHDRAWN FROM USE, 1923 - 1935.

Years	Licenses issued in preceding year	Plus Apparent Consumption in current year	Less Registra- tions in current year	Cars withdrawn from use
	No.	No.	No.	No.
1923	504,446	88,666	576,684	16,428
1924	576,684	84,900	644,034	17,550
1925	644,034	102,110	720,085	26,059
1926	720,085	158,577	829,260	49,402
1927	829,260	157,832	938,106	48,986
1928	938,109	209,607	1,068,922	78,794
1929	1,068,922	204,967	1,186,737	87,152
1930	1,186,737	131,234	1,222,730	95,241
1931	1,222,730	76,758	1,190,979	108,509
1932	1,190,979	49,216	1,105,084	135,111
1933	1,105,084	46,733	1,072,957	78,860
1934	1,072,957	75,990	1,119,226	29,721
1935	1,119,226	112,367	1,165,642	65,951

Table 20 - COMPARATIVE STATEMENT OF THE PRODUCTION AND IMPORTS OF AUTOMOBILE ENGINES AND THE NUMBER OF AUTOMOBILES MADE IN CANADA, 1921 - 1935.

Years	Engines imported into Canada	As reported by automobile manufacturers.		
		Engines purchased	Engines made	Automobiles produced
	No.	No.	No.	No.
1921	9,939	21,074	44,621	66,246
1922	22,260	48,901	52,311	101,007
1923	31,547	71,383	88,437	147,202
1924	27,371	53,130	80,584	132,580
1925	67,305	67,525	96,059	161,970
1926	82,361	87,388	119,821	204,727
1927	107,941	127,245	49,342	179,054
1928	117,007	147,658	97,288	242,054
1929	91,434	98,143	165,421	262,625
1930	34,629	39,270	114,880	153,372
1931	22,384	25,896	55,966	82,559
1932	26,709	31,545	29,482	60,789
1933	26,567	30,516	34,687	65,852
1934	29,760	34,652	83,036	116,852
1935	30,893	32,699	140,948	172,877

Table 21 -

MANUFACTURERS OF AUTOMOBILES IN CANADA, 1935.

<u>Names of Companies</u>	<u>Location of Plants</u>
Chrysler Corporation of Canada, Limited	Walkerville, Ont., Windsor, Ont.
Federal Truck Co. of Canada, Ltd.	Windsor, Ont.
Ford Motor Company of Canada, Limited	East Windsor, Ont., with assembling plants at Toronto, Ont., Winnipeg, Man., and Vancouver, B.C.
General Motors of Canada, Limited	Oshawa, Ont.
Graham-Paige Motors (Canada) Limited	Walkerville, Ont.
Hayes Manufacturing Co. Limited	Vancouver, B.C.
Hudson Motors of Canada, Limited	Tilbury, Ont.
Hupp Motor Car Corporation	Windsor, Ont.
International Harvester Co. of Canada, Limited	Chatham, Ont.
Leyland Motors Limited	Montreal, P.Q., Toronto, Ont., and Vancouver, B.C.
Packard Motor Car Company of Canada, Limited	East Windsor, Ont.
Stewart Truck Corporation of Canada, Ltd.	Fort Erie, Ont.
Studebaker Corporation of Canada, Limited	Walkerville, Ont.
White Company Limited	Montreal, P.Q.

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Table 22 -

WORLD PRODUCTION OF MOTOR VEHICLES, 1930 - 1934.

(Figures from Automotive Division, Department of Commerce, Washington, U.S.A. Data for 1935 not available at time of publication of this bulletin).

Countries	1930	1931	1932	1933	1934
	Number	Number	Number	Number	Number
Austria	3,200	4,100	2,364	1,575	1,355
Belgium	4,700	3,200	2,225	1,400	740
Canada	153,372	82,559	60,789	65,852	116,852
Czechoslovakia	16,840	16,980	13,580	10,000	10,000
Denmark	230	193	148	140	182
England	234,571	223,219	244,434	280,526	347,856
France	230,700	196,860	170,955	191,929	201,644
Germany	70,044	77,225	50,417	105,832	173,014
Hungary	841	237	121	143	222
Italy	42,685	29,280	29,100	42,000	43,416
Japan	371	531	675	1,808	2,845
Poland	288	200	175	780	800
Russia	7,972	20,500	26,849	49,675	72,466
Spain	450	250	435	375	830
Sweden	2,400	2,444	2,995	2,975	3,122
Switzerland	1,000	1,070	996	480	436
United States (a)	3,355,986	2,389,738	1,370,678	1,920,057	2,753,111
WORLD TOTAL	4,125,650	3,048,648	1,976,963	2,675,547	3,728,891

(a) Including motor vehicles exported as "parts for assembly."

Table 23 - TOTAL PRODUCTION OF SPECIFIED AUTO PARTS AND ACCESSORIES, FROM ALL INDUSTRIES, 1933 and 1934.

Products	Unit of measure	1933		1934	
		Selling value		Selling value	
		Quantity	at works	Quantity	at works
Axles, axle shafts and rough forgings	xx	...	939,080	...	2,009,774
Batteries, storage (for autos)	No.	446,488	2,106,376	522,132	2,262,960
Bodies and cabs	xx	...	1,466,679	...	2,913,202
Brakes	xx	...	(x)	...	(x)
Brake linings, asbestos	xx	...	335,066	...	458,147
Bumpers and bumperettes	xx	...	188,507	...	439,786
Cables and wire assemblies	xx	...	(x)	...	(x)
Chains and cross chains, tire	xx	...	281,424	...	393,497
Clutches	No.	...	(x)	89,370	250,237
Clutch facings, asbestos	xx	...	19,572	...	49,317
Coils, ignition	No.	101,550	130,267	159,190	346,287
Covers for radiators, tires, etc.	xx	...	149,915	...	310,237
Differentials	xx	...	(x)	...	(x)
Distributors	xx	...	(x)	...	(x)
Drag links and tie rods	xx	...	(x)	...	(x)
Engine valves	xx	...	(x)	...	(x)
Engines	xx	...	(x)	...	(x)
Engine parts	xx	...	...	...	81,675
Fan belts, rubber	No.	602,460	143,346	786,541	162,498
Generators	xx	...	(x)	...	(x)
Glass, laminated, etc.	xx	...	516,255	...	668,722
Hardware, auto	xx	...	328,279	...	457,113
Heaters, auto and engine	xx	...	170,132	...	191,348
Lamps and parts (headlights, etc.)	xx	...	(x)	...	(x)
Lamps, incandescent, miniature	No.	5,763,149	485,166	7,282,187	496,574
Lubricating systems	xx	...	(x)	...	(x)
Motor temperature indicators	xx	...	(x)	...	(x)
Pistons	xx	...	(x)	...	(x)
Piston rings	No.	3,748,203	454,008	5,902,040	712,938
Radiators, complete	No.	21,036	164,094	43,698	253,787
Radiator cores	xx	...	274,765	...	539,940
Radios for automobiles	No.	9,905	335,274	12,368	438,961
Shock absorbers	xx	...	(x)	...	(x)
Spark plugs and parts	xx	...	(x)	...	(x)
Springs, chassis	xx	...	512,106	...	789,062
Starters	No.	130,502	552,042	209,688	780,413
Steering gears	xx	...	(x)	...	(x)
Steering wheels	xx	...	(x)	...	...
Tires (casings and tubes)	xx	...	17,777,538	...	26,907,409
Tire and luggage carriers	xx	...	5,095	...	9,500
Tire valves	xx	...	(x)	...	(x)
Tops, auto	xx	...	8,118	...	71,467
Trailers	No.	142	125,110	162	166,432
Transmissions	xx	...	(x)	...	(x)
Tubing for automobiles	xx	...	(x)	...	(x)
Wheels	xx	...	(x)	...	(x)
Windshields	xx	...	(x)	...	(x)
Windshield wipers	xx	...	(x)	...	13,458
Parts (service) made in auto factories	xx	...	2,861,249	...	3,574,423
Other auto parts and supplies, not specified separately	xx	...	1,266,598	...	2,511,025
Value of products reported by only 1 or 2 firms as indicated above	xx	...	6,006,575	...	11,280,696
TOTAL	xx	...	37,602,636	...	59,540,865

(x) Indicates that the commodity was reported by only 1 or 2 plants and therefore production cannot be published separately.

NOTE - Data for 1935 are not available at time of publication of this report.

B - FOREIGN TRADE STATISTICS

Compiled in the EXTERNAL TRADE BRANCH

Chief - W. A. WARNE, B.A.

Table 24 - IMPORTS OF AUTOMOBILES AND PARTS INTO CANADA, CALENDAR YEARS 1920 - 1935.

Calendar Years	PASSENGER CARS		TRUCKS		Parts(c)	TOTAL VALUE
	Number	Value	Number	Value	Value	
		\$		\$	\$	\$
1920	7,191	9,890,487	1,954	3,971,113	14,051,818	27,913,418
1921	6,319	8,688,976	951	1,815,723	8,393,507	18,898,206
1922	10,705	11,516,715	886	1,643,738	13,744,496	26,904,949
1923	10,467	10,447,045	1,355	1,879,574	15,047,633	27,374,252
1924	8,344	8,202,643	957	1,438,666	15,173,108	24,814,417
1925	13,486	12,855,940	1,146	1,693,369	20,690,989	35,240,298
1926	26,345	21,563,258	2,199	2,818,434	27,465,642	51,847,334
1927	32,826	26,904,209	3,804	4,638,207	31,852,100	63,394,516
1928	40,226	32,527,641	7,182	8,305,235	48,839,955	89,672,831
1929	39,446	32,605,958	5,278	6,817,176	44,772,091	84,195,225
1930	19,683	15,897,880	3,550	4,662,406	23,358,763	43,919,049
1931	7,492	5,766,895	1,246	1,613,939	14,442,570	21,823,404
1932	1,160	919,886	289	289,007	11,588,190	12,797,083
1933	1,098	759,341	683	444,927	10,836,590	12,040,858
1934	1,988	1,348,789	917	648,340	19,474,767	21,471,896
1935	3,133	2,021,142	978	789,609	24,517,832	27,328,583

(c) Does not include automobile engines.

Table 25 - IMPORTS INTO CANADA OF AUTOMOBILES AND PARTS BY PRINCIPAL COUNTRIES, Calendar Year 1935.

Countries of origin	AUTOMOBILES		Automobile	TOTAL
	Passenger	Trucks	parts	
United Kingdom	No. 340	84	...	...
	\$ 240,034	82,328	125,805	448,167
United States	No. 2,791	891	...	...
	\$ 1,780,041	699,433	24,391,331	26,870,805
Other countries	No. 2	3	...	...
	\$ 1,067	7,848	696	9,611
TOTAL	No. 3,133	978	...	...
	\$ 2,021,142	789,609	24,517,832	27,328,583

Table 26 - EXPORTS OF CANADIAN AUTOMOBILES AND PARTS FROM CANADA, Calendar Years 1920-1935.

Calendar Years	PASSENGER CARS		TRUCKS		Automobile	TOTAL
	Number	Value	Number	Value	parts	
		\$		\$	\$	\$
1920	18,070	13,576,179	4,942	3,059,056	4,276,027	20,911,262
1921	9,305	4,586,664	1,421	718,780	1,128,181	6,433,625
1922	35,394	21,059,574	2,564	1,094,519	1,926,098	24,080,191
1923	57,481	29,325,031	12,439	4,503,659	3,530,377	37,359,067
1924	43,883	22,080,232	12,772	4,429,161	4,992,049	31,501,442
1925	58,005	27,794,884	16,146	5,250,002	6,372,728	39,417,614
1926	53,628	25,779,659	20,696	6,957,242	5,485,486	38,222,387
1927	39,900	22,156,871	17,514	6,272,126	3,434,465	31,863,462
1928	55,732	25,224,014	23,656	8,652,301	2,152,166	36,028,481
1929	64,863	29,824,433	36,848	14,831,006	2,350,232	47,005,671
1930	28,841	12,737,784	15,712	6,060,999	1,587,571	20,386,354
1931	9,282	4,011,921	4,531	1,779,751	829,838	6,621,510
1932	9,800	4,282,666	2,734	963,295	1,846,033	7,091,994
1933	15,828	6,812,989	4,575	1,693,070	1,337,302	9,843,361
1934	31,274	12,988,365	12,094	4,215,429	2,415,222	19,619,016
1935	47,592	16,885,736	16,738	6,082,846	2,925,667	25,894,249

Table 27 - EXPORTS OF CANADIAN AUTOMOBILES AND PARTS FROM CANADA, BY PRINCIPAL COUNTRIES,
Calendar Year 1935.

Countries of Destination		AUTOMOBILES		Automobile	TOTAL
		Passenger	Trucks	parts	
United Kingdom	No.	5,689	9	...	...
	\$	3,533,673	4,020	24,656	3,562,349
Ceylon	No.	126	212	...	...
	\$	61,770	89,873	10,603	162,246
British East Africa	No.	326	787	...	...
	\$	156,627	338,895	98,323	593,845
British South Africa	No.	6,940	1,864	...	...
	\$	2,083,581	730,593	1,328,150	4,142,324
Southern Rhodesia	No.	490	446	...	...
	\$	252,743	202,110	34,294	489,147
British West Africa	No.	148	364	...	...
	\$	73,911	143,156	44,130	261,257
British India	No.	2,180	2,404	...	...
	\$	1,099,651	993,541	134,854	2,228,046
British Straits Settlements	No.	1,060	1,216	...	...
	\$	525,683	482,350	70,267	1,078,300
British West Indies	No.	1,134	499	...	...
	\$	584,250	254,742	27,716	866,708
Hong Kong	No.	169	132	...	...
	\$	90,754	57,183	352	148,289
Malta	No.	76	110	...	...
	\$	44,839	46,486	2,899	94,224
Newfoundland	No.	103	34	...	...
	\$	50,784	16,943	9,215	76,942
Australia	No.	22,388	7,147	...	...
	\$	4,902,326	2,109,495	918,165	7,929,986
New Zealand	No.	3,116	1,054	...	...
	\$	1,489,487	407,543	129,656	2,026,686
Other British countries	No.	156	234	...	...
	\$	80,242	97,974	20,478	198,694
Argentina	No.	1	...	...	...
	\$	1,045	...	1,287	2,332
Belgium	No.	65	...	...	...
	\$	50,183	...	988	51,171
China	No.	45	...	...	...
	\$	21,016	...	...	21,016
Denmark	No.	...	...	...	...
	\$	...	...	1,358	1,358
Egypt	No.	1	...	...	...
	\$	991	...	668	1,659
Germany	No.	...	...	...	...
	\$	...	...	1,180	1,180
Japan	No.	...	...	...	...
	\$	...	...	23	23
Morocco	No.	...	...	...	...
	\$	...	...	3	3
Netherlands	No.	...	...	...	...
	\$	...	...	1,723	1,723
Dutch East Indies	No.	...	...	...	...
	\$	...	...	323	323
Portuguese Africa	No.	70	88	...	...
	\$	35,646	37,637	7,873	81,156

Table 27 - EXPORTS OF CANADIAN AUTOMOBILES AND PARTS FROM CANADA, BY PRINCIPAL COUNTRIES
Calendar Year 1935.

Countries of Destination	AUTOMOBILES		Automobile parts	TOTAL
	Passenger	Trucks		
Spain	No. 2,631	2	...	...
	\$ 1,416,871	847	3,122	1,420,840
Sweden	No. ...	...	...	...
	\$ ...	...	182	182
United States	No. 347	14	...	...
	\$ 97,424	1,985	43,300	142,709
Other foreign countries	No. 331	122	...	...
	\$ 232,339	67,473	9,819	309,531
TOTAL EXPORTS	No. 47,592	16,738	...	...
	\$ 16,885,736	6,082,846	2,925,667	25,894,249

Table 28 - RE-EXPORTS OF AUTOMOBILES AND PARTS, Calendar Years 1920 - 1935.

Calendar Years	PASSENGER CARS		TRUCKS		Automobile parts	TOTAL
	Number	Value \$	Number	Value \$		
1920	488	910,391	54	138,097	969,081	2,017,569
1921	230	387,033	24	70,624	556,554	1,014,211
1922	263	433,978	5	14,143	478,440	926,561
1923	422	335,746	16	30,916	488,645	855,307
1924	301	354,275	25	59,867	473,020	887,162
1925	328	421,005	13	13,852	605,341	1,040,198
1926	356	395,398	14	17,358	590,285	1,003,041
1927	423	495,455	15	15,421	719,402	1,230,678
1928	423	477,068	44	47,584	1,264,812	1,789,464
1929	622	458,746	49	55,406	1,327,507	1,841,659
1930	757	448,306	61	75,678	794,943	1,318,927
1931	682	375,009	44	78,143	643,743	1,096,895
1932	442	228,893	46	102,423	423,407	754,723
1933	469	214,597	28	39,657	270,347	524,601
1934	379	153,761	20	9,511	359,950	523,222
1935	281	124,439	10	3,407	348,729	476,575

Table 29 - RE-EXPORTS OF AUTOMOBILES AND PARTS BY PRINCIPAL COUNTRIES, Calendar Year 1935.

Countries of destination	AUTOMOBILES		Automobile parts	TOTAL
	Passenger	Trucks		
United Kingdom	No. 3	...	...	...
	\$ 2,445	...	2,190	4,635
United States	No. 274	10	...	...
	\$ 119,482	3,407	344,021	466,910
Other countries	No. 4	...	...	...
	\$ 2,512	...	2,518	5,030
TOTAL	No. 281	10	...	...
	\$ 124,439	3,407	348,729	476,575

Table 30 - EXPORTS OF MOTOR CARS FROM PRINCIPAL MOTOR-CAR PRODUCING COUNTRIES OF THE WORLD, Calendar Years 1930 - 1935.

	1930	1931	1932	1933	1934	1935
	Number	Number	Number	Number	Number	Number
<u>UNITED STATES</u> -						
Passenger cars	153,103	82,457	41,441	64,511	145,157	173,681
Motor trucks	84,512	48,248	24,960	43,616	92,723	90,080
Total Exports	237,615	130,705	66,401	108,127	237,880	272,761
<u>CANADA</u> -						
Passenger cars	28,841	9,282	9,800	15,828	31,274	47,592
Motor trucks	15,712	4,531	2,734	4,575	12,094	16,738
Total Exports	44,553	13,813	12,534	20,403	43,368	64,330
<u>FRANCE</u> -						
Passenger cars	22,557	20,269	14,485	21,601	21,292	16,366
Motor trucks	5,718	2,416	1,776	1,484	1,615	1,307
Total Exports	28,275	22,685	16,261	23,085	22,907	17,673
<u>UNITED KINGDOM</u> -						
Passenger cars	23,210	19,032	32,043	40,956	43,877	54,517
Motor trucks	6,543	5,610	8,381	10,683	13,737	13,685
Total Exports	29,753	24,642	40,424	51,639	57,614	68,202
<u>ITALY</u> -						
Motor cars, all kinds ...	20,735	...	...	...	...	...
Passenger cars		11,686	6,191	6,793	8,859	8,884
Motor trucks		1,227	317	596	575	560
Total Exports	20,735	12,913	6,508	7,389	9,434	9,444(a)
<u>GERMANY</u> -						
Passenger cars	3,898	8,332	9,131	11,001	11,150	21,140
Motor trucks	2,284	3,496	2,789	2,562	2,273	3,820
Total Exports	6,182	11,828	11,920	13,563	13,423	24,960

(a) Figures are for the 9 months ended September 30th.

NOTE - In 1913 the total exports of motor cars were: United States, 26,889 cars; United Kingdom, 9,814 cars; and Canada, 6,306 cars. No statistics available in 1913 as to the number of motor cars exported from France, Germany and Italy.

(c) SALES OF NEW MOTOR VEHICLES AND FINANCING OF SALES OF NEW AND USED VEHICLES.

Compiled by the Internal Trade Branch

Chief: H. Marshall, B.A., F.S.S.

NOTE - The retail value of sales used is the price paid by an individual purchaser at the Canadian point of manufacture and includes sales and excise taxes, charges for standard accessories, dealer's commission, etc. Freight charges from Canadian point of manufacture to point of delivery have been excluded. Duty is included in the retail value of imported cars.

A more detailed report on "Sales of Motor Vehicles and Motor Vehicle Financing in Canada, 1935" has been issued by the Bureau and is available upon request.

Table 31 - RETAIL SALES AND FINANCING OF NEW MOTOR VEHICLES, 1930 - 1935.

Years	Sales of New Vehicles		Financing of New Vehicles			
	Number	Retail value \$	Per cent		Per cent of	
			of total		value of	
			Number	Amount	total number	total number
			Number sold	Amount sold		
				\$		
1930	(x)	122,165,000	47,961	(x)	28,610,731	23.4
1931	(x)	(x)	33,988	(x)	20,869,547	(x)
1932	45,870	45,260,742	21,293	46.4	12,741,179	28.2
1933	45,332	45,450,230	15,880	35.0	10,030,368	22.1
1934	73,358	75,785,461	23,264	31.7	16,364,735	21.6
1935	100,961	101,285,655	31,950	31.6	22,410,656	22.1

(x) Figures not available.

The table shows that of the 100,961 new motor vehicles which were sold in 1935, 31.6 per cent, or 31,950, were financed by the various financing companies. The amount of financing formed 22.1 per cent of the total value of sales of all new vehicles in that year.

Table 32 - FINANCING OF SALES OF NEW AND USED MOTOR VEHICLES, 1929 - 1935.

Years	Total, New and Used			New Vehicles			Used Vehicles	
	Vehicles			Vehicles			Used Vehicles	
	Average:			Average:			Average:	
	Number	Amount	per vehicle	Number	Amount	per vehicle	Number	Amount
		\$			\$			\$
1929	164,131	88,165,531	537	71,582	48,104,523	672	92,549	40,061,008
1930	128,314	62,978,174	491	47,961	28,610,731	597	80,353	34,367,443
1931	98,623	41,941,254	425	33,988	20,869,547	614	64,635	21,071,707
1932	69,291	25,864,873	373	21,293	12,741,179	598	47,998	13,123,694
1933	54,238	20,158,788	372	15,880	10,030,368	632	38,358	10,128,420
1934	76,170	30,091,463	395	23,264	16,364,735	703	52,906	13,726,728
1935	100,178	40,342,264	403	31,950	22,410,656	701	68,228	17,931,608

Table 33 - SALES OF NEW MOTOR VEHICLES AT RETAIL, BY PROVINCES, 1934 and 1935.

Provinces	Number of Vehicles			Retail Value		
	% change, :			% change, :		
	1934	1935	1935/1934 :	1934	1935	1935/1934
				\$	\$	
<u>PASSENGER CARS</u>						
Maritimes	5,207	5,710	/ 9.7	5,392,486	5,655,768	/ 4.9
Quebec	10,658	14,445	/ 35.5	11,171,216	14,685,563	/ 31.5
Ontario	32,752	44,396	/ 35.6	33,959,354	44,762,149	/ 31.8
Manitoba	2,966	4,316	/ 45.5	2,995,882	4,192,977	/ 40.0
Saskatchewan ...	2,134	3,228	/ 51.3	2,121,385	3,104,488	/ 46.3
Alberta	3,913	5,624	/ 43.7	3,977,465	5,543,855	/ 39.4
British Columbia	3,873	5,523	/ 42.6	3,948,614	5,484,314	/ 38.9
CANADA	61,503	83,242	/ 35.3	63,566,402	83,429,114	/ 31.2
<u>TRUCKS AND BUSES</u>						
Maritimes	1,243	1,955	/ 57.3	1,227,933	1,930,478	/ 57.2
Quebec	2,078	3,177	/ 52.9	2,182,559	3,360,122	/ 54.0
Ontario	5,150	7,233	/ 40.4	5,371,896	7,287,132	/ 35.7
Manitoba	844	1,336	/ 58.3	816,667	1,244,329	/ 52.4
Saskatchewan ...	383	790	/ 106.3	367,443	731,931	/ 99.2
Alberta	1,120	1,526	/ 36.3	1,112,746	1,463,556	/ 31.5
British Columbia	1,037	1,702	/ 64.1	1,139,815	1,838,993	/ 61.3
CANADA	11,855	17,719	/ 49.5	12,219,059	17,856,541	/ 46.1
<u>TOTAL VEHICLES</u>						
Maritimes	6,450	7,665	/ 18.8	6,620,419	7,586,246	/ 14.6
Quebec	12,736	17,622	/ 38.4	13,353,775	18,045,685	/ 35.1
Ontario	37,902	51,629	/ 36.2	39,331,250	52,049,281	/ 32.3
Manitoba	3,810	5,652	/ 48.3	3,812,549	5,437,306	/ 42.6
Saskatchewan ...	2,517	4,018	/ 59.6	2,488,828	3,836,419	/ 54.1
Alberta	5,033	7,150	/ 42.1	5,090,211	7,007,411	/ 37.7
British Columbia	4,910	7,225	/ 47.1	5,088,429	7,323,307	/ 43.9
CANADA	73,358	100,961	/ 37.6	75,785,461	101,285,655	/ 33.6

Table 34 - SALES OF NEW MOTOR VEHICLES AT RETAIL, BY MONTHS, 1934 and 1935.

Months	Number of Vehicles			Retail Value		
	1934	1935	% change, : 1935/1934 :	1934	1935	% change 1935/1934
				\$	\$	
PASSENGER CARS						
TOTALS	61,503	83,242	/ 35.3	63,566,402	83,429,114	/ 31.2
January	1,875	2,857	/ 52.4	1,815,612	2,868,956	/ 58.0
February	3,642	5,073	/ 39.1	3,607,242	5,099,505	/ 41.3
March	7,580	9,244	/ 22.0	7,616,926	9,287,901	/ 21.9
April	10,649	15,401	/ 44.6	11,136,081	15,191,248	/ 36.4
May	11,868	13,858	/ 16.8	12,336,175	13,493,025	/ 9.1
June	8,486	9,698	/ 14.3	8,810,943	9,682,678	/ 9.9
July	5,506	6,265	/ 13.8	5,684,999	6,282,368	/ 10.5
August	4,042	3,950	- 2.3	4,188,057	4,068,147	- 2.9
September	3,059	2,523	- 17.4	3,194,367	2,818,069	- 11.8
October	1,992	2,953	/ 48.2	2,153,202	3,255,459	/ 51.2
November	1,155	5,201	/ 350.3	1,247,798	5,329,638	/ 327.1
December	1,649	5,244	/ 218.0	1,745,000	5,150,220	/ 195.1
TRUCKS AND BUSES						
TOTALS	11,855	17,719	/ 49.5	12,219,059	17,856,541	/ 46.1
January	256	615	/ 140.2	300,483	680,722	/ 126.5
February	616	1,253	/ 103.4	611,821	1,255,646	/ 105.2
March	871	1,717	/ 97.1	891,412	1,608,632	/ 80.5
April	1,478	2,766	/ 87.1	1,544,841	2,772,905	/ 79.6
May	1,899	2,717	/ 43.1	1,946,587	2,843,865	/ 46.1
June	1,639	2,042	/ 24.6	1,636,504	1,898,613	/ 16.0
July	1,126	1,119	- 0.6	1,133,567	1,219,311	/ 7.6
August	1,220	1,415	/ 16.0	1,234,266	1,428,766	/ 15.8
September	951	1,436	/ 51.0	976,785	1,486,471	/ 52.2
October	710	983	/ 38.5	741,507	963,878	/ 30.4
November	556	814	/ 46.4	587,612	798,974	/ 36.0
December	533	842	/ 58.0	613,674	894,758	/ 45.8
TOTAL VEHICLES						
TOTALS	73,358	100,961	/ 37.6	75,785,461	101,285,655	/ 33.6
January	2,131	3,472	/ 62.9	2,116,095	3,549,678	/ 67.7
February	4,258	7,231	/ 69.8	4,219,063	7,255,151	/ 72.0
March	8,451	10,961	/ 29.7	8,508,338	10,896,433	/ 28.1
April	12,127	18,167	/ 49.8	12,680,922	17,965,153	/ 41.7
May	13,767	16,575	/ 20.4	14,312,762	16,338,890	/ 14.2
June	10,125	11,740	/ 16.0	10,447,447	11,581,291	/ 10.9
July	6,632	7,384	/ 11.3	6,818,566	7,501,679	/ 10.0
August	5,262	5,365	/ 2.0	5,422,323	5,496,913	/ 1.4
September	4,010	4,029	/ 0.5	4,171,152	4,304,540	/ 3.2
October	2,702	3,936	/ 45.7	2,894,709	4,222,337	/ 45.9
November	1,711	6,015	/ 251.5	1,835,410	6,128,612	/ 233.9
December	2,182	6,086	/ 178.9	2,358,674	6,044,978	/ 156.3

Table 35 - FINANCING OF MOTOR VEHICLE SALES BY MONTHS, 1933 - 1935.

Months	Number of Vehicles				Amount of Financing			
	1933	1934	1935	% of change 1934-35 :	1933	1934	1935	% of change, 1934-35
NEW VEHICLES								
January ..	868	509	885	/ 73.9	456,275	363,847	651,272	/ 79.0
February ..	946	882	1,592	/ 80.5	532,639	623,447	1,136,203	/ 82.2
March	1,659	1,775	2,540	/ 43.1	919,287	1,221,058	1,756,967	/ 43.9
April	1,732	3,119	4,779	/ 53.2	1,065,995	2,109,794	3,250,246	/ 54.1
May	2,318	4,123	5,288	/ 28.3	1,463,407	2,852,630	3,668,725	/ 28.6
June	1,976	3,469	3,862	/ 11.3	1,244,699	2,469,198	2,669,173	/ 8.1
July	1,775	2,774	3,541	/ 27.6	1,145,803	1,910,377	2,531,943	/ 32.5
August ...	1,388	2,080	2,371	/ 14.0	908,390	1,480,983	1,692,405	/ 14.3
September.	1,229	1,774	1,961	/ 10.5	836,969	1,310,041	1,428,316	/ 9.0
October ..	952	1,280	1,480	/ 15.6	688,736	930,492	1,096,937	/ 17.3
November .	608	865	1,787	/ 106.6	459,236	636,688	1,242,813	/ 95.2
December .	429	614	1,864	/ 203.6	308,932	456,180	1,285,656	/ 181.8
TOTAL ..	15,880	23,264	31,950	/ 37.3	10,030,368	16,364,735	22,410,656	/ 36.9
USED VEHICLES								
January ..	2,145	1,648	1,844	/ 11.9	544,478	450,126	513,076	/ 14.0
February ..	2,323	1,852	2,657	/ 43.5	638,935	504,955	848,001	/ 67.9
March	3,579	3,396	4,645	/ 36.8	854,917	918,164	1,223,575	/ 33.3
April	3,812	5,373	7,970	/ 48.3	998,769	1,387,137	2,123,201	/ 53.1
May	5,141	7,686	9,448	/ 22.9	1,638,962	1,953,204	2,478,268	/ 26.9
June	4,647	7,023	8,959	/ 27.6	1,156,450	1,797,387	2,286,465	/ 27.2
July	4,077	6,602	8,424	/ 27.6	991,889	1,714,419	2,109,499	/ 23.0
August ...	3,395	5,422	6,710	/ 23.8	902,444	1,385,022	1,712,378	/ 23.6
September.	3,022	4,200	5,324	/ 26.8	764,400	1,085,155	1,377,752	/ 27.0
October ..	2,555	4,186	4,843	/ 15.7	663,722	1,075,877	1,266,777	/ 17.7
November .	2,083	3,314	4,062	/ 22.6	544,231	851,469	1,050,592	/ 23.4
December .	1,579	2,204	3,342	/ 51.6	429,223	603,813	942,024	/ 56.0
TOTAL ..	38,358	52,906	68,228	/ 29.0	10,128,420	13,726,728	17,931,608	/ 30.6
TOTAL - NEW AND USED VEHICLES								
January ..	3,013	2,157	2,729	/ 26.5	1,000,753	813,973	1,164,348	/ 43.0
February ..	3,269	2,734	4,249	/ 55.4	1,171,574	1,128,402	1,984,204	/ 75.8
March	5,238	5,171	7,185	/ 38.9	1,774,204	2,139,222	2,980,542	/ 39.3
April	5,544	8,492	12,749	/ 50.1	2,064,764	3,496,931	5,373,447	/ 53.7
May	7,459	11,809	14,736	/ 24.8	3,102,369	4,805,834	6,146,993	/ 27.9
June	6,623	10,492	12,821	/ 22.2	2,401,149	4,266,585	4,955,638	/ 16.1
July	5,852	9,376	11,965	/ 27.6	2,137,692	3,624,796	4,641,442	/ 28.0
August ...	4,783	7,502	9,081	/ 21.0	1,810,834	2,866,005	3,404,783	/ 18.8
September.	4,251	5,974	7,285	/ 21.9	1,601,369	2,395,196	2,806,068	/ 17.2
October ..	3,507	5,466	6,323	/ 15.7	1,352,458	2,006,369	2,363,714	/ 17.8
November .	2,691	4,179	5,849	/ 40.0	1,003,467	1,488,157	2,293,405	/ 54.1
December .	2,008	2,818	5,206	/ 84.7	738,155	1,059,993	2,227,680	/ 110.2
TOTAL ..	54,238	76,170	100,178	/ 31.5	20,158,788	30,091,463	40,342,264	/ 34.1

D - REGISTRATIONS, REVENUES, GASOLINE SALES, HIGHWAYS

Compiled in the TRANSPORTATION AND PUBLIC UTILITIES BRANCH

Chief: G. S. Wrong, B.Sc.

NOTE - A more detailed report on "The Highway and the Motor Vehicle in Canada" will be issued as soon as complete statistics for 1935 are available. The 1935 registration figures as given below are preliminary and subject to revision.

Table 36 - REGISTRATIONS OF MOTOR VEHICLES IN CANADA, 1904 - 1935.

Years	Passenger cars	Commercial vehicles	Motor cycles	TOTAL
1904	535	...	...	535
1905	553	...	...	565
1906	1,176	...	...	1,447
1907	1,530	...	...	2,148
1908	2,172	...	...	3,054
1909	3,160	...	...	4,809
1910	5,890	...	55	9,158
1911	13,775	...	264	21,783
1912	20,367	...	2,291	36,429
1913	29,295	...	3,702	54,380
1914	45,716	384	4,769	74,246
1915	60,688	533	5,412	95,284
1916	77,963	3,519	5,696	128,328
1917	115,596	6,053	6,787	203,502
1918	157,079	9,611	6,902	276,893
1919	196,367	14,444	8,017	342,433
1920	251,945	22,310	8,195	408,790
1921	333,621	29,294	7,806	464,805
1922	368,510	37,643	9,375	509,382
1923	513,075	54,564	8,346	575,985
1924	573,204	64,003	8,056	645,263
1925	641,186	74,938	7,924	724,048
1926	736,729	88,019	7,520	832,268
1927	830,001	102,088	7,562	939,651
1928	930,619	130,827	7,897	1,069,343
1929	1,022,654	155,820	8,857	1,187,331
1930	1,055,514	167,548	9,427	1,232,489
1931	1,023,923	167,097	9,648	1,200,668
1932	945,073	159,041	9,419	1,113,533
1933	917,008	156,170	10,000	1,083,178
1934	952,427	166,799	10,306	1,129,532
1935	989,754	175,888	10,484	1,176,126

NOTE - Livery and taxi-cabs included with passenger cars.

Buses, convertible cars, road tractors, ambulances, etc., included with commercial vehicles.

Table 37 - REGISTRATIONS OF MOTOR VEHICLES IN CANADA, BY PROVINCES, 1931 - 1935.

Provinces	1931	1932	1933	1934	1935
	Number	Number	Number	Number	Number
Prince Edward Island ...	7,744	6,982	6,940	7,206	8,231
Nova Scotia	43,758	41,153	40,443	41,932	43,952
New Brunswick	33,627	28,044	26,842	29,094	31,227
Quebec	177,485	165,730	160,012	165,526	170,644
Ontario	562,220	531,597	520,353	542,245	564,076
Manitoba	75,210	71,570	68,740	70,430	70,660
Saskatchewan	107,981	91,275	84,734	91,461	94,792
Alberta	94,727	86,878	86,110	89,369	93,870
British Columbia	97,932	91,042	88,554	92,021	98,411
Yukon	223	232	229	248	263
CANADA	1,200,907	1,114,503	1,082,957	1,129,532	1,176,126

Table 38 - REGISTRATIONS OF MOTOR VEHICLES IN CANADA, BY TYPES, 1935.

Provinces	Passenger cars	Taxi-cabs	Motor trucks	Motor buses	Motor cycles	Ambulances, hearses, etc.	TOTAL
	Number	Number	Number	Number	Number	Number	Number
Prince Edward Island ...	7,420	(x)	787	3	16	5	8,231
Nova Scotia	35,820	(x)	7,597	44	312	179	43,952
New Brunswick	26,195	(x)	4,624	58	173	177	31,227
Quebec	135,293	4,204	28,153	505	2,489	...	170,644
Ontario	489,610	(x)	69,256	704	4,506	...	564,076
Manitoba	59,170	300	10,250	80	590	270	70,660
Saskatchewan	75,467	260	18,636	64	365	...	94,792
Alberta	76,562	320	16,353	91	480	64	93,870
British Columbia	78,999	(x)	17,023	298	1,544	547	98,411
Yukon	134	...	96	1	9	23	263
CANADA	984,670	5,084	172,775	1,848	10,484	1,265	1,176,126

(x) Included with passenger automobiles.

Table 39 - REVENUES FROM MOTOR VEHICLE REGISTRATIONS, BY PROVINCES, 1932 - 1934.

Provinces	1932	1933	1934
	\$	\$	\$
Prince Edward Island	122,456	95,288	101,228
Nova Scotia	1,106,825	1,055,940	1,014,075
New Brunswick	838,866	758,397	772,714
Quebec	5,221,201	5,091,907	5,277,983
Ontario	7,589,459	7,640,765	8,290,124
Manitoba	964,790	883,236	963,513
Saskatchewan	1,518,087	1,480,066	1,430,175
Alberta	1,783,627	1,609,741	1,690,340
British Columbia	1,978,528	1,958,633	2,025,046
Yukon	2,432	2,425	2,632
CANADA	21,126,271	20,576,392	21,567,830

NOTE - Statistics on revenues during 1935 are not available at time of publication of this report.

Table 40 - REVENUES FROM MOTOR VEHICLE REGISTRATIONS, BY CLASSES, 1932 - 1934.

	1 9 3 2	1 9 3 3	1 9 3 4
	\$	\$	\$
Passenger automobiles	13,040,614	12,442,356	12,656,395
Motor trucks	4,789,014	4,666,198	5,123,958
Motor trucks, convertible			27,561
Motor buses	27,720	154,642	109,67
Taxi cabs	182,382	135,688	131,957
All other motor vehicles	6,924	7,831	73,352
Motor cycles	33,350	39,854	34,252
Trailers	147,409	188,789	215,517
Chauffeurs' licenses	501,185	490,796	496,596
Drivers' licenses	1,531,990	1,552,371	1,588,170
Beginners' or temporary drivers' licenses			39,397
Dealers' licenses	109,199	80,319	83,055
Duplicate licenses, badges, etc.	17,521	11,198	10,642
Transfer of motor vehicles	203,224	208,245	237,045
Gasoline and service stations	29,609	21,949	19,886
Garage licenses	38,351	59,850	54,228
Mileage tax on public trucks and trailers ...	131,044	208,127	324,631
Mileage tax on public buses and taxis	133,551	154,616	160,683
Miscellaneous	203,184	153,563	180,827
TOTAL	21,126,271	20,576,392	21,567,830

Table 41 - GROSS SALES OF GASOLINE IN CANADA, BY PROVINCES, 1931 - 1935.
(Gross Sales - IMPERIAL GALLONS Sold for all Purposes)

Provinces	1931	1932	1933	1934	1935
Prince Edward Island .	3,021,691	2,692,351	2,518,812	2,639,856	2,832,75
Nova Scotia	21,189,937	19,021,209	18,634,875	20,003,083	22,274,25
New Brunswick	16,027,155	13,671,394	12,574,097	13,640,325	15,185,00
Quebec	97,608,511	91,128,040	87,077,418	93,511,483	102,177,50
Ontario	250,415,880	233,945,231	228,415,717	252,976,407	272,680,68
Manitoba	30,307,724	26,185,160	24,895,531	27,694,263	28,482,66
Saskatchewan	49,449,699	33,635,929	31,837,173	36,784,519	39,166,28
Alberta	43,478,465	41,300,236	40,323,781	45,194,297	47,442,69
British Columbia	45,369,473	39,458,159	38,689,475	42,337,785	43,410,41
TOTAL GROSS SALES ..	556,868,535	501,037,709	484,966,879	534,782,018	573,652,24
REFUNDS	93,570,169	60,202,295	61,117,794	55,649,048	71,106,98
TOTAL NET SALES	463,298,366	440,835,414	423,849,085	479,132,970	502,545,26

Table 42 - GROSS SALES OF GASOLINE IN CANADA, BY MONTHS, 1931 - 1935.
(Gross Sales - IMPERIAL GALLONS Sold for all Purposes)

Months	1931	1932	1933	1934	1935
January	28,117,601	25,198,893	27,384,021	24,300,057	26,414,56
February	25,832,846	26,742,284	22,441,414	22,197,254	24,057,50
March	26,310,957	26,695,250	26,294,104	26,160,700	28,184,61
April	39,186,167	35,165,374	30,597,785	35,443,657	39,051,62
May	56,205,217	47,013,144	43,095,468	46,311,499	50,770,27
June	55,612,977	50,996,451	48,993,519	53,590,380	59,183,54
July	67,242,171	51,519,110	56,593,594	61,880,074	67,158,61
August	63,471,618	61,445,860	61,942,393	63,316,327	64,427,72
September	61,848,713	63,507,466	60,484,940	63,569,055	70,585,48
October	54,845,501	43,373,998	43,391,628	56,461,839	59,638,49
November	44,854,087	40,218,080	35,560,466	46,855,910	47,022,19
December	33,340,680	29,161,797	28,187,545	34,694,766	37,157,63
TOTAL	556,868,535	501,037,709	484,966,879	534,782,018	573,652,24

Table 43 - NET SALES OF GASOLINE IN CANADA, BY PROVINCES, 1931 - 1935.

(Net Sales - gallons sold on which no refunds have been granted, chiefly for motor vehicles).

Provinces	1931	1932	1933	1934	1935
(Imperial gallons)					
Prince Edward Island ..	2,614,970	2,263,020	2,101,204	2,201,905	2,104,901
Nova Scotia	18,176,943	18,445,130	17,970,045	19,396,937	21,634,722
New Brunswick	15,077,095	12,860,471	11,062,961	11,741,220	13,053,657
Quebec	91,816,749	84,651,891	80,511,245	88,223,973	94,251,686
Ontario	226,192,080	217,593,086	214,397,088	239,500,357	255,632,086
Manitoba	22,142,728	21,517,430	21,824,425	25,999,205	26,531,210
Saskatchewan	26,479,689	21,998,369	19,241,325	27,015,504	25,210,670
Alberta	24,746,025	30,220,478	27,277,911	32,525,148	30,261,287
British Columbia	36,052,087	31,285,539	29,462,881	32,528,721	33,865,044
CANADA	463,298,366	440,835,414	423,849,085	479,132,970	502,545,263

Table 44 - MONTHLY SALES OF GASOLINE IN CANADA, 1934 and 1935.

(in thousands of gallons)

Month	P. E. I.	N.S.	N.B.	Que- bec	Ontario	Mani- toba	Sas- kat- chewan	Al- berta	British Colum- bia	TOTAL
January ...	23	799	377	4,298	14,538	1,242	834	1,893	2,411	26,415
February ..	23	700	274	3,579	12,981	1,079	762	1,995	2,664	24,057
March	38	719	321	4,298	15,170	1,171	891	2,758	2,819	28,185
April	68	1,168	616	6,414	20,697	1,745	1,920	2,953	3,471	39,052
May	312	2,106	1,464	9,552	21,842	2,642	4,191	4,793	3,868	50,770
June	347	2,285	1,785	10,603	29,730	2,727	3,886	4,746	3,075	59,184
July	423	2,833	2,128	12,552	31,336	3,425	4,523	5,134	4,805	67,159
August	420	2,992	2,272	12,568	27,583	3,402	4,834	5,402	4,954	64,427
September ..	357	2,589	1,976	11,499	33,244	3,426	7,157	5,920	4,417	70,585
October ...	377	2,531	1,870	11,038	23,618	3,592	6,416	5,981	4,215	59,638
November ..	268	2,025	1,333	9,100	22,939	2,257	2,250	3,106	3,744	47,022
December ..	176	1,527	769	6,677	19,003	1,775	1,502	2,762	2,967	37,158
TOTAL FOR										
1935	2,832	22,274	15,185	102,178	272,681	28,483	39,166	47,443	43,410	573,652
TOTAL FOR										
1934	2,640	20,003	13,640	93,511	252,977	27,694	36,785	45,194	42,338	534,782

Table 45 - REVENUES(x) from GASOLINE TAXES, BY PROVINCES, 1932 - 1934.

Provinces	1932	1933	1934
	\$	\$	\$
Prince Edward Island	134,398	166,831	174,485
Nova Scotia	957,781	933,571	1,303,046
New Brunswick	782,261	865,790	852,199
Quebec	5,250,172	4,952,764	5,127,448
Ontario	13,510,755	12,852,577	13,828,051
Manitoba	1,514,260	1,643,600	1,770,900
Saskatchewan	1,328,951	1,289,989	1,715,053
Alberta	1,551,227	1,739,240	1,960,349
British Columbia	2,053,511	2,023,403	2,323,322
CANADA	27,083,316	26,467,765	29,054,853

(x) Complete 1935 figures not available at time of publication of this report.

Table 46 - DATES WHEN GASOLINE ACTS BECAME EFFECTIVE AND RATES OF TAX.

Provinces	Dates gasoline tax rates became effective	Rates per gallon (x) cents
Prince Edward Island	May 1, 1924	2
	March 31, 1926	3
	May 1, 1928	5
	May 2, 1932	6
	April 15, 1933	8
Nova Scotia	March 15, 1926	3
	March 11, 1927	5
	April 1, 1932	6
	May 1, 1934	8
New Brunswick	April 30, 1926	3
	December 1, 1928	5
	April 1, 1932	7
	April 1, 1934	8
Quebec	April 1, 1924	2
	April 1, 1925	3
	April 1, 1928	5
	December 17, 1931	6
Ontario	May 11, 1925	3
	March 27, 1929	5
	March 25, 1932	6
Manitoba	April 27, 1923	1
	March 5, 1925	3
	April 14, 1930	5
	May 7, 1932	7 (refund 5 cents)
Saskatchewan	May 1, 1928	3
	April 1, 1930	5
	May 1, 1932	6)
	April 1, 1935	7) (refund 5 cents)
Alberta	April 30, 1922	2
	June 1, 1929	5 (refund 4 cents)
	April 1, 1933	6 (refund 5 cents)
	April 1, 1935	7 (refund 6 cents)
British Columbia	December 21, 1923	3
	March 25, 1930	5 (refund 5 cents)
	April 18, 1932	7 (refund 6 cents)

(x) When gasoline is used by farm tractors, fishing boats and for other stipulated uses, the total tax paid is refunded except in the western provinces where only a portion is refunded, as noted.

(/) Effective January 1, 1933.

Table 47 - FOREIGN AUTOMOBILES IMPORTED INTO CANADA FOR TOURING PURPOSES.

Province	Admitted for a period					
	Not exceeding		Not exceeding		Exceeding 60 days	
	48	24	60 days		and not more than	
	(a) hours	(a) hours			6 months	
	1935	1934	1935	1934	1935	1934
Maritime Provinces	(1)495,799	127,630	51,762	53,016	210	50
Quebec	222,209	204,679	259,628	220,885	56	70
Ontario	1,814,728	1,949,207	559,042	523,155	747	138
Manitoba	27,518	24,136	13,273	10,656	14	23
Saskatchewan	17,511	15,421	5,456	4,605	16	1
Alberta	14,540	13,483	5,690	4,648	4	4
British Columbia	40,636	39,092	76,166	70,906	81	43
CANADA	2,632,941	2,373,648	971,017	887,871	1,128	329

(a) In 1935 the 24 hour permit period was extended to 48 hours.

(1) Includes local traffic at two ports, not included in 1934.

Table 48 - CANADIAN AUTOMOBILES EXPORTED FOR TOURING PURPOSES.

Province	1	9	3	5	1	9	3	4
Maritime Provinces				13,780				7,920
Quebec				155,417				96,718
Ontario				247,452				164,795
Manitoba				21,464				13,387
Saskatchewan				7,420				6,678
Alberta				4,982				2,368
British Columbia				208,744				125,266
CANADA				659,259				417,132

Table 49 - HIGHWAY MILEAGE OPEN FOR TRAFFIC, IN CANADA, 1934

Class of Road	Miles
Unimproved earth	Provincial 15,759
	/ Other 127,222
	/ TOTAL 142,981
Improved earth	Provincial 22,445
	Other 150,201
	TOTAL 172,646
Gravel - crushed stone	Provincial 42,870
	/ Other 41,597
	/ TOTAL 84,467
Oil-treated gravel	Provincial ... 206
	/ Other 275
	/ TOTAL 481
Water-bound Macadam	Provincial 1,602
	Other 53
	TOTAL 1,655

Table 49 - HIGHWAY MILEAGE OPEN FOR TRAFFIC IN CANADA, 1934 (concluded)

Class of Road	Miles
Bituminous Macadam	Provincial 1,637
	/ Other 1,577
	/ TOTAL 3,214
Bituminous concrete - plant mix	Provincial 1,082
	Other 467
	TOTAL 1,549
Bituminous concrete - road mix	Provincial 272
	Other 0
	TOTAL 272
Cement concrete - full width	Provincial 1,524
	Other 341
	TOTAL 1,865
Cement concrete - half width	Provincial 41
	Other 0
	TOTAL 41
Other	Provincial 58
	Other 40
	TOTAL 98
Total Surfaced	Provincial 49,292
	/ Other 44,350
	/ TOTAL 93,642
All Roads	Provincial 87,496
	/ Other 321,773
	/ TOTAL 409,269

(/) Includes Federal park roads.

Table 50 - SUMMARY OF CAPITAL, MAINTENANCE AND GENERAL EXPENDITURES ON HIGHWAYS, 1934.

<u>Dominion Subsidies</u> - Capital	\$ 9,742,750
Maintenance	\$ 81,941
TOTAL	\$ 9,824,691
<u>Provincial</u> - Capital	\$ 29,899,717
Maintenance	\$ 13,515,592
Plant and general	\$ 1,867,377
TOTAL	\$ 45,282,686
<u>Municipal</u> - Capital	\$ 6,448,731
Maintenance	\$ 5,329,374
TOTAL	\$ 11,778,105
<u>TOTAL</u>	CAPITAL \$ 46,144,295
	MAINTENANCE \$ 19,014,588
	PLANT AND GENERAL \$ 1,867,377
	GRAND TOTAL \$ 67,026,260

Table 51 - DEATHS FROM MOTOR VEHICLE ACCIDENTS, 1930 - 1934.

Province	1930	1931	1932	1933	1934
Prince Edward Island	10	5	1	2	5
Nova Scotia	54	49	51	47	37
New Brunswick	72	45	49	22	52
Quebec	338	355	311	256	274
Ontario	517	574	497	416	527
Manitoba	60	60	42	38	41
Saskatchewan	51	50	35	32	30
Alberta	77	67	49	64	61
British Columbia	111	111	85	78	81
CANADA	1,290	1,316	1,120	955	1,108

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