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CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION & PUBLIC UTILITIES BRANCH

THE HIGHWAY

AND

THE MOTOR VEHICLE

IN

CANADA

1933

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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

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THE HIGHWAY AND THE MOTOR VEHICLE IN CANADA, 1933.

Part 1.- Highways

The surfaced highway mileage in Canada at the end of 1933 as reported by the several provincial departments amounted to 94,721 miles and unsurfaced roads to 314,403 miles, making a total of 409,124 miles. This includes all roads outside of incorporated cities, towns and villages under the jurisdiction of the provincial highway departments, also such roads under local jurisdiction as far as the mileage was ascertainable by the provincial departments. It consequently includes some roads in unincorporated villages and hamlets which quite properly might be classed as streets. Also unsurfaced roads not under the jurisdiction of the provincial highway departments include some estimates and should be considered as approximate.

Table 1.- Highway Mileage Open for Traffic.- Data for British Columbia provincial roads are as at March 31, 1933. All other data may be considered as at December 31, 1933, because there would be little change between the ends of the other fiscal years ranging from October 31, 1933, for Ontario to April 30, 1934, for Saskatchewan and the end of the calendar year. Mileages of roads in National Parks have been allocated to the various provinces in 1933 whereas the 1932 data included these roads only in the total.

During the year there was an increase of 4,110 miles of surfaced roads, the greater part of it being in gravel surfaces. Cement concrete showed an increase of 143 miles and bituminous macadam and concrete surfaces were increased by 102 miles. As yet there is little of these higher classes of roads in the Maritime and Prairie Provinces.

Table 2.-- Capital Expenditures, 1933.-- Both the provinces and the municipalities greatly curtailed the expenditures on highway construction during 1933, despite considerable work done to relieve unemployment. Total capital expenditure including federal subsidies amounted to \$23,854,579 as against \$50,031,509 for 1932. Nova Scotia was the only province to show an increase and the cuts in some of the provinces were drastic. British Columbia made a reduction from \$6,004,369 to \$738,705, or of 88 per cent. Alberta made a cut of 81 per cent; Prince Edward Island, 76 per cent, New Brunswick, 72 per cent; Ontario, 55 per cent; Quebec 41 per cent; Saskatchewan, 34 per cent, and Manitoba, 8 per cent. The municipal expenditures are only those known to the provincial officials, either by reason of a portion being subsidized by the province or by collection of municipal data, as in British Columbia.

The provincial highway debt, as closely as it could be computed by the several provinces, is shown on page 3. It is obvious that except where bonds are issued solely for highway purposes the interest charges and retirement charges cannot be computed accurately, but they can be estimated quite closely. The 1933 payments did not provide for any retirements in some of the provinces and the total was only 0.26 per cent of the total highway debt.

Table 3.-- Maintenance Expenses.-- Maintenance expenses for the year were reduced from \$21,461,337 in 1932 to \$16,650,475, including \$15,381,175 for roads and \$1,269,300 for bridges and ferries. Prince Edward Island and Nova Scotia reported heavier expenditures than for the previous year, but all other provinces reported smaller expenditures. The reduction in Quebec was \$2,044,399 and in Ontario \$2,943,540. These expenditures are exclusive of municipal expenditures in Quebec, Saskatchewan and Alberta and quite probably some in Ontario and Manitoba. They also exclude expenditures by districts in British Columbia which are urban but which are not incorporated as towns or cities. Municipal expenditures in Ontario and Manitoba for both

construction and maintenance are only those on which provincial subsidies were earned. The British Columbia Highway Department collected statistics from all municipalities on the expenditures during the calendar year 1933 and, consequently, these data are complete. The data for British Columbia provincial expenditures are for the fiscal year ended March 31, 1933. The provincial departments maintain all roads in the Maritime Provinces and all improved roads in Quebec.

PROVINCIAL HIGHWAY DEBT AND CHARGES

1 9 3 3

Provinces	Provincial highway debt outstanding /	Annual Charges		
		Interest	Principal payment on sinking fund	Total
	\$	\$	\$	\$
P.E. Island (Dec. 31).....	1,393,000	60,125	28,875	(1) 89,000
Nova Scotia (Dec. 31)	33,725,821	1,619,292	182,443	1,801,735
New Brunswick (Oct. 31)	39,480,098	1,948,000	26,000	1,974,000
Quebec (Dec. 31)	(2) 57,877,001	(3) 3,627,652	...	3,627,652
Ontario (Oct. 31)	(4) 185,410,372	(5) 9,270,519	...	9,270,519
Manitoba (Apr. 30, 1934)....	18,009,982	933,537	...	933,537
Saskatchewan (Apr. 30, 1934).	28,951,736	1,555,777	...	1,555,777
Alberta (Dec. 31)	32,829,997	1,715,726	162,947	1,878,673
British Columbia (Dec. 31) ..	40,440,652	1,914,114	723,649	2,637,763
CANADA	438,118,659	22,644,742	1,123,914	23,768,656

/ Includes bridge and ferry debt.

(1) Highways only.

(2) At Dec. 31, 1933.

(3) For fiscal year ended June 30, 1933.

(4) Net capital expenditure.

(5) At average provincial rate of interest (5 per cent).

Table 1.

HIGHWAY MILEAGE OPEN FOR TRAFFIC DECEMBER 31, 1933.

Class of Road		Canada	Prince Edward Island (Dec. 31)	Nova Scotia (Dec. 31)	New Brunswick (Oct. 31)
Unimproved earth	Provincial	14,486	1,865	6,433	1,800
	Other	x 124,150	...	...	...
	Total	138,636	1,865	6,433	1,800
Improved earth & sand clay ...	Provincial	26,250	1,601	3,632	4,660
	Other	149,517		x 2	...
	Total	175,767	1,601	3,634	4,660
Gravel-crushed stone (loose) ..	Provincial	48,873	175	4,616	5,350
	Other	x 34,331	...	...	...
	Total	83,204	175	4,616	5,350
Oil-treated gravel	Provincial	1,019	...	...	...
	Other	x 2,472	...	...	...
	Total	3,491	...	...	...
Waterbound Macadam	Provincial	1,565	...	30	...
	Other	1,014	...	...	...
	Total	2,579	...	30	...
Bituminous Macadam	Provincial	1,591	...	29	13
	Other	x 667	...	...	...
	Total	2,258	...	29	13
Bituminous concrete	Provincial	373	5	...	...
	Other	500	...	...	...
	Total	873	5	...	...
Cement concrete	Provincial	1,761	2	...	...
	Other	399	...	...	...
	Total	2,160	2	...	...
Other surfaces	Provincial	37	3	...	2
	Other	119	...	...	...
	Total	156	3	...	2
Total surfaced	Provincial	55,219	185	4,675	5,365
	Other	39,502	...	...	...
	Total	94,721	185	4,675	5,365
GRAND TOTAL	Provincial	95,955	3,651	14,740	11,825
	Other	313,169	...	2	...
	Total	409,124	3,651	14,742	11,825
Totals for 1932-					
Total surfaced	xx	91,845	185	4,545	5,317
Grand Total	xx	399,094	3,650	14,735	11,825

x Includes roads in National Parks.

xx 533 miles of surfaced road and a total of 774 miles in National Parks included but not distributed by provinces.

HIGHWAY MILEAGE OPEN FOR TRAFFIC DECEMBER 31, 1933.

Quebec (Dec. 31)	Southern Ontario (Dec. 31)	Northern Ontario (Oct. 31)	Manitoba (5) Apr. 30, 1934	Saskat- chewan Apr. 30, 1934	Alberta Mar. 31, 1934	British Columbia /
...	...	...	...	1,790	...	2,598
...	...	...	x 28,502	x 55,094	x 40,383	171
...	...	...	28,502	56,884	40,383	(3) 2,769
137	...	1,743	10	3,734	731	10,002
18,806	16,489	...	1,291	92,957	19,379	595
18,943	16,489	1,743	1,301	96,691	20,110	10,597
13,960	50	13,323	1,361	2,045	1,972	(4) 6,021
...	29,428	...	x 2,799	x 37	x 183	x 1,882
13,960	29,478	13,323	4,160	2,082	2,155	7,903
...	597	...	354	68	...	...
...	2,198	...	x 12	x 6	x 106	x 150
...	2,795	...	366	74	106	150
1,354	152	29	...	...	...	...
...	972	...	...	...	...	42
1,354	(2) 1,124	29	...	...	...	42
180	784	185	...	...	70	350
...	388	...	...	...	x 10	x 269
180	(1) 1,172	185	...	...	80	599
127	224	...	...	...	...	17
...	426	...	20	...	...	54
127	650	...	20	...	...	71
534	1,203	7	8	...	...	7
...	342	...	18	...	...	39
534	1,545	7	26	...	...	46
...	...	...	...	...	...	32
...	...	...	...	...	...	119
...	...	...	...	...	...	151
16,155	3,010	13,544	1,723	2,113	2,042	6,407
...	33,750	...	2,849	43	299	2,555
16,155	36,760	13,544	4,572	2,156	2,341	8,962
16,292	3,010	15,287	1,733	7,637	2,773	19,007
18,806	50,243	...	32,642	148,094	60,061	3,321
35,098	53,253	15,287	34,375	155,731	62,834	22,328
15,483	36,057	13,094	4,000	2,113	2,021	8,497
35,059	52,280	14,943	28,410	155,572	62,426	19,420

(1) Includes 113 miles of retread. (2) Surfaced treated Macadam. (3) Includes "cleared only."

(4) Includes water bound Macadam. (5) Revised estimates of local roads. / Provincial roads as at March 31, 1933. Local roads as at December 31, 1933.

Table 2.

CAPITAL EXPENDITURES, 1933.

Class of Road and Expenditure	Canada	Prince Edward Island Dec. 31	Nova Scotia Dec. 31	New Brunswick Oct. 31
	\$	\$	\$	\$
Dominion Subsidy (Unemployment Railway Roads (crossing fund / Bridges	2,918,297 629,319 57,344	10,000 - 5,254	501,671 274 -	114,665 - 29,090
Total Dominion	3,604,960	15,254	501,945	143,755
Provincial- Direct Subsidies to Municipalities	15,568,494 972,269	12,000 -	2,359,102 -	489,216 -
Total Roads	16,540,763	12,000	2,359,102	489,216
Bridges Ferries	1,902,770 Cr. 7,921	41,000 -	32,259 Cr. 28,000	128,085 -
Total Provincial	18,435,612	53,000	2,363,361	617,301
Municipal- Contributions to Prov. Highways Local roads	702,557 1,087,005	- -	- -	- -
Total Roads	1,789,562	-	-	-
Bridges Ferries	24,445 -	- -	- -	- -
Total Municipal	1,814,007	-	-	-
GRAND TOTAL-				
Roads	21,877,941	22,000	2,861,047	603,881
Bridges and Ferries	1,976,638	46,254	4/ 4,259	157,175
Total	23,854,579	68,254	2,865,306	761,056
Total for 1932-				
Roads	45,867,491	196,629	1,711,957	2,127,214
Bridges and Ferries	4,164,018	81,482	30,930	541,362
Grand Total	50,031,509	278,111	1,742,887	2,668,576

/ Including payments by railways.

1/ March 31, 1933, for Provincial; Dec. 31, 1933, for Municipal.

2/ Subject to revision upon completion of audit.

3/ Only on roads subsidized by province.

4/ Includes a credit of \$28,000 from previous work.

CAPITAL EXPENDITURES, 1933.

Quebec June 30	Southern Ontario Dec. 31	Northern Ontario Oct. 31	Manitoba Apr. 30, 1934	Saskat- chewan Apr. 30, 1934	Alberta Mar. 31, 1934	British Columbia 1/
\$	\$	\$	\$	\$	\$	\$
13,261	-	2/2,224,000	-	-	-	54,700
-	289,047	294,745	-	-	43,164	2,089
-	23,000	-	-	-	-	-
13,261	312,047	2,518,745	-	-	43,164	56,789
7,030,946	2,402,978	2,886,758	101,429	7,132	92,074	186,859
140,910	568,000	70,064	657	82,547	1,486	108,605
7,171,856	2,970,978	2,956,822	102,086	89,679	93,560	295,464
1,223,495	60,277	-	-	-	98,817	318,837
-	-	-	-	-	-	20,079
8,395,351	3,031,255	2,958,228	102,086	89,679	192,377	634,380
25,000	677,557	-	-	-	-	-
140,910	632,000	141,639	3/ 621	131,624	-	40,211
165,910	1,309,557	141,639	621	131,624	-	40,211
12,563	-	-	-	4,557	-	7,325
-	-	-	-	-	-	-
178,473	1,309,557	141,639	621	136,181	-	47,536
7,351,027	4,569,582	5,617,206	102,707	221,303	136,724	392,464
1,236,058	83,277	-	-	4,557	98,817	346,241
8,587,085	4,652,859	5,617,206	102,707	225,860	235,541	738,705
12,619,656	8,542,642	13,990,470	111,702	308,681	872,465	5,386,075
1,932,246	529,581	-	646	31,846	397,631	618,294
14,551,902	9,072,223	13,990,470	112,348	340,527	1,270,096	6,004,369

Table 3.

MAINTENANCE EXPENDITURES

Class of Road	Total for Canada	Prince Edward Island Dec. 31	Nova Scotia Dec. 31	New Brunswick Oct. 31
	\$	\$	\$	\$
Dominion Subsidy--				
Roads	70,918	36,650	-	34,268
Bridges	22,827	-	-	22,827
Total Dominion	93,745	36,650	-	57,095
Provincial--				
Direct	9,792,096	208,219	1,667,801	503,724
Subsidies to Municipalities	2,111,774	-	-	-
Total Roads	11,903,870	208,219	1,667,801	503,724
Bridges (Maintenance & Operation)	611,891	25,636	(	125,280
Ferries " " "	601,974	-	(227,166	56,295
Total Provincial	13,117,735	233,855	1,894,967	685,299
Municipal--				
Contributions to Prov. Highways	163,897	-	-	-
" " Local Roads	3,242,490	-	-	-
Total Roads	3,406,387	-	-	-
Bridges	32,608	-	-	-
Ferries	-	-	-	-
Total Municipal	3,438,995	-	-	-
GRAND TOTAL--				
Roads	15,381,175	244,869	1,667,801	537,992
Bridges and Ferries	1,269,300	25,636	227,166	204,402
Total	16,650,475	270,505	1,894,967	742,394
Tolls from Bridges and Ferries	336,590	-	51,712	8,104
Totals for 1932--				
Roads	19,954,776	120,463	1,539,274	656,549
Bridges and Ferries	1,506,561	55,010	180,474	248,097
Grand Total	21,461,337	175,473	1,719,748	904,646

MAINTENANCE EXPENDITURES

Quebec Dec. 31	Southern Ontario Dec. 31	Northern Ontario Oct. 31	Manitoba Apr. 30, 1934	Saskat- chewan Apr. 30, 1934	Alberta Mar. 31, 1934	British Columbia 1/
\$	\$	\$	\$	\$	\$	\$
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
3,212,918	605,904	810,561	388,953	515,031	633,478	1,245,507
-	1,840,000	46,709	6,273	14,468	40,750	163,574
3,212,918	2,445,904	857,270	395,226	529,499	674,228	1,409,081
175,425	7,641	-	-	26,831	35,580	215,498
-	-	-	-	80,254	70,725	167,534
3,388,343	2,453,545	857,270	395,226	636,584	780,533	1,792,113
-	163,897	-	-	-	-	-
-	2,160,000	94,426	2,091	704,177	-	281,796
-	2,323,897	94,426	2,091	704,177	-	281,796
-	-	-	-	20,960	-	11,648
-	-	-	-	-	-	-
-	2,323,897	94,426	2,091	725,137	-	293,444
3,212,918	4,769,801	951,696	397,317	1,233,676	674,228	1,690,377
175,425	7,641	-	-	128,045	106,305	394,680
3,388,343	4,777,442	951,696	397,317	1,361,721	780,533	2,085,557
276,774	-	-	-	-	-	-
5,163,625	6,388,976	2,168,322	572,519	449,514	837,212	2,058,322
269,117	12,644	102,736	-	78,914	108,037	451,532
5,432,742	6,401,620	2,271,058	572,519	528,428	945,249	2,509,854

1/ March 31 for Provincial; December 31 for Municipal.

2/ Includes snow removal- \$43,996; sanding-\$72,030; snow fences- \$56,193.

Part 2.- Motor Vehicles

Registrations.- Motor vehicle registrations in Canada continued to decline, amounting to 1,082,957 as against 1,114,503 in 1932. This includes all self-propelled vehicles using the highways, such as passenger automobiles, motor buses, trucks, motor cycles, municipal, provincial and federal motor vehicles, road tractors, etc., but does not include trailers or farm tractors.

Saskatchewan showed the greatest rate of decrease with a decline of 7.2 per cent, but none of the provinces showed as large decreases as in the previous year when the total was 7.2 per cent less than for 1931 and New Brunswick and Saskatchewan were down by 16.6 and 15.5 per cent, respectively.

In Quebec registration of new passenger cars decreased by 22.7 per cent and renewals by 2.4 per cent. In Ontario new passenger car registrations increased by 937, or 3.8 per cent, but renewals declined by 2.4 per cent. British Columbia also showed an increase of 17.9 per cent in new passenger car registrations and a decrease of 4.2 per cent in renewals. New Brunswick showed decreases in both and Nova Scotia a decrease of 33.2 per cent in new passenger registration and an increase in renewals of 1.5 per cent. The other provinces did not report a segregation of new and renewal registrations.

Table 4.

MOTOR VEHICLE REGISTRATIONS, 1933

Province	Estimated Population 1933	PASSENGER CARS			TOTAL MOTOR VEHICLES			Decrease in Total Motor Vehicle Registrations	
		Total Number	Av.No. of persons per car		Total Number	Av.No. of persons per motor vehicle		Number	p.c.
			1933	1932		1933	1932		
Prince Edward Island..	89,000	6,155	14.5	14.2	6,940	12.8	12.6	42	.6
Nova Scotia	522,000	33,133	15.8	15.2	40,443	12.9	12.5	710	1.7
New Brunswick	420,000	22,890	18.3	17.0	26,842	15.6	14.6	1,202	4.3
Quebec	2,970,000	126,529	23.5	21.4	160,012	18.6	17.5	5,718	3.4
Ontario	3,524,000	453,314	7.8	7.5	520,353	6.8	6.5	11,244	2.1
Manitoba	722,000	57,930	12.5	11.5	68,740	10.5	9.9	2,330	4.0
Saskatchewan	951,000	69,040	13.8	12.8	84,734	11.2	10.6	6,541	7.2
Alberta	757,000	71,076	10.7	10.3	86,110	8.8	8.5	768	.9
British Columbia	712,000	71,439	10.0	9.5	88,554	8.0	7.7	2,488	2.7
Yukon Territory	4,000	121	33.1	31.0	229	17.5	17.2	3	1.3
North West Territories	10,000	...			...
CANADA	10,681,000	911,627	11.7	11.1	1,082,957	9.9	9.4	31,546	2.8

Revenues.— Revenues collected by the provinces from registrations of motor vehicles, operators, etc. and taxes on motor buses and trucks operated as public vehicles amounted to \$20,576,392, or \$549,879 less than in 1932. Every province except Ontario showed reductions due to fewer vehicles being operated. Ontario increased the scale of fees for both passenger automobiles and commercial vehicles and it was largely from the commercial vehicles and from trailers, which increased in number and also were assessed higher fees, that the larger revenues were derived. The other provinces reduced or left unchanged the scales of fees for passenger cars as shown later in this report. The decreases in revenues amounted to 22.2 per cent in Prince Edward Island, 9.8 per cent in Alberta, 9.6 per cent in New Brunswick and 8.5 per cent in Manitoba, 4.6 per cent in Nova Scotia, 2.5 per cent in Saskatchewan and Quebec and 1.0 per cent in British Columbia.

Prince Edward Island increased the tax on gasoline from 6 cents to 8 cents per gallon and Alberta from 5 cents to 6 cents per gallon in April. The other provinces made no changes in 1933, but Prince Edward Island, Nova Scotia, Ontario and Saskatchewan made an increase from 5 to 6 cents and New Brunswick, Manitoba and British Columbia made an increase from 5 to 7 cents in the spring of 1932. Consequently the average rate for 1933 was higher than in 1932 in all the provinces except Quebec, which more than offset the smaller gasoline consumption in Prince Edward Island, New Brunswick, Manitoba and Alberta. The refund on gasoline used for farm tractors, fishing boats and some other uses in Manitoba was two cents less than the tax and in Saskatchewan and Alberta one cent less; the tax on this gasoline increased the revenue considerably in these provinces. Total gasoline tax collected by all provinces amounted to \$26,467,765, or \$615,551 less than in 1932. This included the commissions paid to local gasoline distributors for collecting the tax. Ontario showed a decrease in the gasoline tax of \$658,178, or 4.9 per cent, and Quebec a decrease of \$297,408, or 5.7 per cent. Alberta showed an increase of \$188,013, or 12.1 per cent, Manitoba an increase of \$129,340, or 8.5 per cent, New Brunswick an increase of \$83,529, or 10.7 per cent, and Prince Edward Island an increase of \$32,433, or 24.2 per cent.

Total revenue from registrations and gasoline tax, amounting to \$47,044,157, was \$1,165,430 less than the 1932 total. This was the gross amount collected from the public from which should be deducted all administration expenditures, including traffic control, and other expenses connected with motor vehicle registration and gasoline tax collection before any computations are made as to amounts available for highway maintenance and construction.

Dominion revenues for the calendar year 1933 from import duties amounted to \$3,851,432 and from excise tax \$170,371, or a total of \$4,021,803, as against \$4,210,540 from imports in 1932 and \$297,931 from excise taxes.

Deducting two cents per gallon for Manitoba and one cent per gallon for Saskatchewan and Alberta on the gallons of gasoline on which refunds were made and allocating 99.6 per cent of the remainder to motor vehicles, adding the provincial and federal registration fees and taxes, gives a total of approximately \$50,500,000 paid by motor vehicle operators.

Table 5.

REGISTRATIONS OF MOTOR VEHICLES, DRIVERS, ETC., 1933.

		Canada	Prince Edward Island	Nova Scotia	New Brunswick
Passenger automobiles	New		-	2,233	1,229
	Renewal		-	30,900	21,661
	Total	911,627	6,155	33,153	22,890
Taxi cabs	Total	5,326	-	-	-
Motor trucks	New		-	502	288
	Renewal		-	6,364	3,211
	Total	150,626	706	6,866	3,499
Motor trucks (convertible).....	New		-	-	4
	Renewal		-	-	78
	Total	3,141	-	-	82
Motor buses	New		-	-	8
	Renewal		-	-	50
	Total	2,056	3	44	58
Motor cycles	New		-	-	30
	Renewal		-	-	116
	Total	10,000	25	314	146
Road tractors	Total	22	-	-	-
Ambulances and hearses	Total	118	6	86	6
Municipal fire trucks	Total	59	11	-	47
Road machines, etc.	Total	87	34	-	53
Cranes, service cars, etc.	Total	61	-	-	61
GRAND TOTAL		1,082,957	6,940	40,443	26,842
Trailers		26,293	153	755	677
Chauffeurs		240,359	83	6,849	8,105
Drivers		896,655	3,268	49,002	26,106
Dealers		2,822	18	132	55
Gasolene & service stations		8,859	274	1,678	(2) 2,443
Garages		7,823	-	-	289

(1) On provincial highways only.

(2) Includes 2,364 gasolene pump licenses

REGISTRATIONS OF MOTOR VEHICLES, DRIVERS, ETC., 1933.

Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon
5,919 120,610	25,508 427,806	- -	- -	- -	4,245 67,194	8 113
126,529	453,314	^{57,844} 57,880	^{69,250} 69,040	^{71,067} 71,076	71,439	121
4,129	-	410	463	324	-	-
1,126 25,469	- -	- -	- -	- -	1,004 14,437	5 67
26,595	58,640	^{9,556} 9,620	14,847	14,174	(4)15,441	72
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	2,909	150	-	-	-	-
15 479	- -	- -	- -	- -	- -	- 3
494	⁶³¹ 1,120	-	37	69	228	3
166 2,099	- -	- -	- -	- -	136 1,310	1 9
2,265	4,370	610	347	467	1,446	10
-	-	-	-	-	-	22
-	-	20	-	-	-	-
-	-	-	-	-	-	1
-	-	-	-	-	-	-
-	-	-	-	-	-	-
160,012	520,353	^{68,570} 68,740	^{84,744} 84,734	^{86,041} 86,110	88,554	229
1,689 40,113 140,451 299 802 1,591	16,311 167,147 471,106 1,077 (1) 2,493 (1) 4,775	3,380 7,640 79,360 280 (3) 50 -	1,915 1,367 104,347 449 260 710	Not reg'd. 3,132 12,637 304 859 458	1,413 5,923 10,378 208 - -	- - - - - -

(3) Gasolene dealers

(4) Includes 202 public vehicles.

Table 6. REVENUES FROM MOTOR VEHICLE REGISTRATIONS AND GASOLENE TAX, ETC. 1933.

	Canada	Prince Edward Island	Nova Scotia	New Brunswick
	\$	\$	\$	\$
Passenger automobiles	12,442,356	76,076	710,245	506,023
Motor trucks	4,666,198	13,418	211,741	145,739
Motor buses	154,642	63	3,547	7,071
Taxi cabs	135,688	-	-	-
Road tractors	220	-	-	-
Motor cycles	39,854	144	(1) 5,413	-
Trailers	188,789	153	-	-
Chauffeurs' Licenses	490,796	449	32,597	17,827
Drivers' "	1,552,371	3,268	49,667	52,242
Dealers' "	80,319	570	6,639	3,006
In-transit "	7,611	-	-	-
Duplicate "	11,198	-	-	-
Transfer of motor vehicles	208,245	325	25,454	-
Gasolene and service stations	21,949	274	-	2,750
Garages	59,850	-	-	1,445
Mileage tax on public trucks	208,127	-	-	-
Mileage tax on public buses	154,616	-	1,008	1,290
Miscellaneous	153,563	542	9,629	21,004
TOTAL	20,576,392	95,282	1,055,940	758,397
Gasolene tax	26,467,765	166,831	933,571	865,790
GRAND TOTAL	47,044,157	262,113	1,989,511	1,624,187
<u>1932 Totals</u>				
Revenues from registrations, etc.	21,126,271	122,456	1,106,825	838,866
Gasolene tax	27,083,316	134,398	957,781	782,261
Total	48,209,587	256,854	2,064,606	1,621,127
<u>1933 compared with 1932 (Increase +; Decrease -)</u>				
Revenues from registrations, etc.	- 549,879	- 27,174	- 50,885	- 80,469
Gasolene tax	- 615,551	+ 32,433	- 24,210	+ 83,529
Total	-1,165,430	+ 5,259	- 75,095	+ 3,060

(1) Includes tractors and trailers.

REVENUES FROM MOTOR VEHICLE REGISTRATIONS AND GASOLINE TAX, ETC., 1933.

Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon
\$	\$	\$	\$	\$	\$	\$
2,537,743	4,364,899	637,447	1,077,423	1,142,557	1,388,763	1,180
1,329,750	1,914,684	130,184	263,029	283,467	373,476	710
47,900	55,089	3,215	37,662	65	-	30
123,960	-	-	3,062	8,666	-	-
-	-	-	-	-	-	220
8,607	12,251	2,394	1,902	2,104	7,009	30
42,225	133,056	3,751	5,480	-	4,124	-
200,565	181,285	14,778	6,248	9,210	27,837	-
702,255	501,123	73,577	54,151	6,318	109,770	-
2,990	24,954	6,300	10,395	14,570	10,895	-
-	5,309	-	2,072	230	-	-
1,670	6,374	678	181	544	1,751	-
24,558	109,289	9,559	6,516	9,356	23,172	16
802	16,145	-	260	1,718	-	-
16,695	35,870	-	3,550	2,290	-	-
-	91,034	-	1,803	111,951	3,339	-
22,947	104,044	-	1,208	16,393	7,726	-
29,240	85,359	1,353	5,124	302	771	239
5,091,907	7,640,765	883,236	1,480,066	1,609,741	1,958,633	2,425
4,952,764	12,852,577	1,643,600	1,289,989	1,739,240	2,023,403	-
10,044,671	20,493,342	2,526,836	2,770,055	3,348,981	3,982,036	2,425
5,221,201	7,589,459	964,790	1,518,087	1,783,627	1,978,528	2,432
5,250,172	13,510,755	1,514,260	1,328,951	1,551,227	2,053,511	-
10,471,373	21,100,214	2,479,050	2,847,038	3,334,854	4,032,039	2,432
- 129,294	+ 51,306	- 81,554	- 38,021	- 173,886	- 19,895	- 7
- 297,408	- 658,178	+129,340	- 38,962	+ 188,013	- 30,108	-
- 426,702	- 606,872	+ 47,786	- 76,983	+ 14,127	- 50,003	- 7

Gasolene Consumption.— All provinces require retail sales of gasolene to be reported and a tax is imposed on all gasolene consumed by motor vehicles using the high-ways and streets. All the provinces refund or exempt from the tax gasolene used by farm tractors and by fishing boats and some of the provinces make other exemptions. The table below shows the gross sales made to consumers during the year, the gasolene on which refunds were made, some of which was sold in previous months, and the net sales. Gross sales amounted to 484,324,000 gallons as against 501,038,000 gallons in 1932, a decrease of 16,714,000 gallons, or 3.3 per cent. New Brunswick reported the largest rate of decrease with 8.4 per cent, Manitoba was down by 7.1 per cent, Prince Edward Island by 6.7 per cent, Saskatchewan by 5.3 per cent, and the other provinces ranged between 4.5 per cent and 1.9 per cent less than in 1932.

All of the net sales were not consumed by motor vehicles but by far the greater part were for this purpose. Complete data for 1933 are not yet available, but 1932 data show: gross sales, 501,038,000 gallons; refunds, 60,202,000 gallons; net sales, 440,836,000 gallons; consumed by manufactures, 1,191,000 gallons; consumed by mines, 593,000 gallons, and consumed by motor vehicles, 439,052,000 gallons. Thus motor vehicles consumed 99.6 per cent of the net sales and any deductions from the consumption by manufactures, because of being included with refunds, would increase this percentage. The refunds are those made during the year and would not be entirely on sales made during the year because the provinces allow two and three months and, in some cases, longer periods in which the purchasers may make application for refund of the tax. The difference of such gasolene entitled to refund at the beginning and end of the year would be a small percentage of the total refunds and would not materially affect any computations.

The gasolene taxes reported in table 6 are for the calendar year, except for New Brunswick and Ontario which are for the fiscal year ended October 31, 1933.

Table 7. MONTHLY SALES OF GASOLENE IN CANADA
(Thousands of gallons)

	P.E. Island	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
1933										
January	84	839	503	4,806	15,424	861	944	1,387	2,259	27,307
February	19	681	310	3,787	12,247	828	782	1,650	2,031	22,355
March	58	768	371	3,793	14,177	1,004	1,099	2,400	2,521	26,191
April	150	1,009	417	5,070	15,211	1,319	1,877	2,528	2,948	30,509
May	269	1,921	1,191	8,576	18,530	2,206	2,918	3,918	3,408	42,937
June	321	2,042	1,430	9,688	21,650	2,696	3,261	4,216	3,707	49,011
July	340	2,280	1,757	10,555	25,931	3,014	3,858	4,487	4,368	56,590
August	381	2,533	1,934	11,154	28,339	3,624	4,764	4,970	4,246	61,905
September	355	2,154	1,709	10,429	29,086	3,147	4,869	4,909	3,854	60,492
October	278	1,812	1,461	8,927	16,040	2,714	4,112	4,555	3,469	43,368
November	212	1,549	1,040	5,837	17,206	1,668	2,073	2,861	3,096	35,542
December	85	1,047	437	4,756	14,575	1,238	1,280	1,919	2,780	28,117
Total gross sales	2,512	18,635	12,520	87,078	228,416	24,319	31,837	40,300	38,707	484,324
Refunds /	405	665	730	6,570	14,019	2,066	10,185	12,818	9,208	56,666
Total net sales..	2,107	17,970	11,790	80,508	214,397	22,253	21,652	27,482	29,499	427,658
1932										
Total gross sales	2,693	19,021	13,672	91,128	233,945	26,185	33,636	41,300	39,458	501,038
Refunds	429	576	811	6,476	16,352	4,668	11,638	11,080	8,173	60,203
Total net sales..	2,264	18,445	12,861	84,652	217,593	21,517	21,998	30,220	31,285	440,835
Decrease in gross sales	131	386	1,152	4,050	5,529	1,866	1,799	1,000	751	16,714
Decrease in p.c.	6.7	2.0	8.4	4.5	2.4	7.1	5.3	2.4	1.9	3.3

/ Gasolene on which all or part of the tax was refunded during the year. x - Estimated.

Table 3.

GASOLINE TAXES - DATES RATES BECAME EFFECTIVE

Year	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia
	Rate Date	Rate Date	Rate Date	Rate Date	Rate Date	Rate Date	Rate Date	Rate Date	Rate Date
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1922								2 Apr. 30	
1923						1 Apr. 27			3 Dec. 21
1924	2 May 1			2 Apr. 1					
1925				3 Apr. 1	3 May 11	3 Mar. 5			
1926	3 Mar. 31	3 Mar. 15	3 Apr. 30						
1927		5 Mar. 11							
1928	5 May 1		5 Dec. 1	5 Apr. 1			3 May 1		
1929					5 Mar. 27			x5 June 1	
1930						5 Apr. 14	5 Mar. 27		5 Mar. 25
1931				6 Dec. 17					
1932	6 May 2	6 Apr. 1	7 Apr. 1		6 Mar. 25	7 May 7	6 May 1		⁽¹⁾ 7 Apr. 18
1933	<u>8</u> Apr. 15							6 Apr. 1	
1934		<u>8</u> May 1	<u>8</u> Apr. 1						⁽²⁾

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1935

/ 5 cent refund in Manitoba and Saskatchewan.

x 4 cent refund in Alberta.

/ 5 cent refund in Alberta - 60 1935 April 37

1 Refund 5 cents in BC

2 " 6 " " " from October 1, 1934 - BC

7 April 1. 7/1/1935

Table 9.

REGISTRATIONS IN MUNICIPALITIES

	Passenger Cars	Commercial Vehicles	Motor Cycles
	No.	No.	No.
<u>Prince Edward Island</u>		Not Recorded	
<u>Nova Scotia-</u>			
Amherst	752	145	12
Annapolis Royal	124	18	..
Antigonish	197	27	..
Berwick	236	46	3
Bridgetown	216	47	1
Bridgewater	421	83	3
Canso	49	13	..
Clarks Harbour	26	9	..
Dartmouth	727	146	11
Digby	190	69	3
Dominion	126	3	..
Glace Bay	629	147	4
Halifax	4,964	956	90
Hantsport	67	16	2
Inverness	81	2	1
Joggins	55	4	1
Kentville	492	70	2
Liverpool	360	66	..
Lockeport	55	11	..
Louisburg	48	16	..
Lunenburg	291	31	3
Mahone Bay	109	12	1
Middleton	184	41	..
Mulgrave	56	13	2
New Glasgow	880	161	5
New Waterford	391	66	2
North Sydney	294	66	1
Oxford	179	30	..
Parrsboro	170	24	3
Pictou	246	32	1
Port Hawkesbury	59	13	..
Port Hood	27	9	..
Shelburne	113	34	..
Springhill	446	58	1
Stellarton	379	63	3
Stewiacke	155	22	2
Sydney	1,406	346	8
Sydney Mines	268	52	..
Trenton	103	37	2
Truro	1,145	155	6
Wedgeport	24	6	..
Westville	261	37	2
Windsor	283	46	4
Wolfville	262	37	6
Yarmouth	725	109	4

REGISTRATIONS IN MUNICIPALITIES

	Passenger Cars	Commercial Vehicles	Motor Buses
	No.	No.	No.
<u>New Brunswick</u>			
<u>Cities and Towns-</u>			
Andover	66	15	..
Bathurst	346	45	2
Campbellton	412	71	..
Chatham	155	35	..
Dalhousie	230	16	..
Devon	141	27	..
Edmundston	453	48	1
Fairville	193	43	..
Fredericton	952	120	3
Grand Falls	157	28	..
Hartland	118	12	..
Marysville	91	6	..
Milltown	185	11	..
Moncton	1,809	221	15
Newcastle	227	33	2
Perth	83	16	..
St. Andrews	163	34	..
St. George	83	19	..
St. John	4,061	739	10
St. Leonard	54	8	..
St. Stephen	524	74	2
Sackville	345	34	..
Shediac	119	23	..
Sussex	270	46	1
Woodstock	436	53	2
<u>Counties-</u>			
Albert	637	62	2
Carleton	901	164	..
Charlotte	873	161	..
Gloucester	352	89	1
Kent	563	81	2
Kings	1,466	199	1
Madawaska	256	62	2
Northumberland	605	104	1
Queens	901	100	1
Restigouche	425	100	..
Sunbury	386	32	..
St. John	549	108	..
Victoria	482	88	..
Westmoreland	1,571	169	10
York	1,268	203	..

REGISTRATIONS IN MUNICIPALITIES

	Motor Vehicles No.		Motor Vehicles No.
<u>Quebec-</u>		<u>Quebec - Continued</u>	
<u>Cities-</u>		<u>Towns- Continued</u>	
Arvida	85	Cookshire	156
Cap de la Madeleine	305	Courville	29
Chicoutimi	490	De Iery	12
Granby	928	Dolbeau	97
Grand Mere	328	Donnacons	73
Hull	1,444	Dorion	98
Joliette	680	Dorval	165
Lachine	999	Drummondville	1,008
Levis	518	East Angus	251
Longueuil	483	Farnham	426
Montreal	60,472	Greenfield Park	134
Outremont	1,801	Hampstead	58
Quebec	9,640	Huntingdon	446
Riviere du Loup	449	Iberville	277
Shawinigan Falls	811	Île d'Orléans	33
Sherbrooke	2,773	Isle Maligne	283
Sorel	405	Jonquière	179
St. Hyacinthe	944	Kenogami	657
St. Jean	858	Lachute	1
St. Lambert	737	Lac Sergent	274
Thetford Mines	536	Laprairie	240
Trois Rivières	2,044	Lasalle	181
Valleyfield	818	L'Assomption	244
Verdun	3,185	La Tuque	185
Westmount	2,843	Lambton	104
<u>Towns-</u>		Laval des Rapides	2
Acton Vale	109	Laval sur le Lac	376
Amos	173	Lennoxville	190
Arthabaska	70	Louiseville	517
Aylmer	302	Magog	1
Bagotville	75	Maple Grove	185
Baie d'Urfe	18	Mar. eville	222
Barkmere	45	Megantic	1
Beaconsfield	142	Mercier	196
Beauceville	290	Montmagny	113
Beauharnois	209	Montreal-East	169
Beauport	218	Montreal-North	455
Bedford	163	Montreal-West	66
Beloeil	187	Montreal-South	277
Berthier	38	Mont-Royal	182
Black Lake	140	Nicolet	247
Bromptonville	377	Noranda	172
Buckingham	3	Pointe-aux-Trembles	294
Chateau d'Au	125	Pointe-Claire	69
Chateaugay	373	Port-Alfred	27
Coaticook	318	Quebec-West	14
Cowansville		Racine	279
		Richmond	

REGISTRATIONS IN MUNICIPALITIES

	Motor Vehicles No.		Motor Vehicles No.
<u>Quebec-Continued</u>		<u>Quebec- Continued</u>	
<u>Towns- Continued</u>		<u>Counties - Continued</u>	
Rigaud	111	Hochelaga	6
Rimouski	271	Hull	1,111
Riverbend	11	Huntingdon	865
Roberval	180	Iberville	408
Rouyn	319	Iles de la Madeleine	39
Roxboro .....	...	Jacques Cartier	755
Scotstown	51	Joliette	640
Ste. Agathe des Monts	277	Kamouraska	507
Ste. Anne de Bellevue	289	Labelle	1,013
St. Jerome	511	Lac St-Jean	888
St. Joseph d'Alma	13	Laprairie	514
St. Laurent	587	L'Assomption	756
St. Leonard de Port Maurice ..	135	Laval	1,334
St. Michel	128	Levis	744
St. Ours	23	L'Islet	430
St. Pierre	187	Lotbiniere	786
Ste. Rose	356	Maskinonge	283
Ste. Therese	295	Matane	612
St. Tite	71	Matapedia	357
Temiscamingue .....	..	Megantic	679
Terrebonne	243	Missisquoi	943
Trois Pistoles	108	Montcalm	625
Victoriaville	497	Montmagny	357
Waterloo	301	Montmorency	526
Windsor	214	Napierreville	544
<u>Counties-</u>		Nicolet	657
Abitibi	368	Papineau	1,105
Argenteuil	1,104	Pontiac	922
Arthabaska	532	Portneuf	1,076
Bagot	617	Quebec	1,124
Beauce	1,074	Richelieu	275
Beauharnois	409	Richmond	1,031
Bellechasse	554	Rimouski	435
Berthier	504	Rouville	976
Bonaventure	716	Saguenay	78
Brome	1,157	Shefford	725
Chambly	673	Sherbrooke	232
Champlain	831	Soulanges	611
Charlevoix	525	Stanstead	1,113
Chateauguay	1,085	St-Hyacinthe	438
Chicoutimi	339	St-Jean	535
Compton	1,185	St-Maurice	446
Deux Montagnes	1,176	Temiscamingue	347
Dorchester	693	Temiscouata	294
Drummond	500	Terrebonne	981
Frontenac	478	Vaudreuil	738
Gaspe	645	Vercheres	526
		Wolfe	563
		Yamaska	478

REGISTRATIONS IN MUNICIPALITIES

	Passenger Cars	Commercial Vehicles	Convertible Vehicles
	No.	No.	No.
<u>Ontario-</u>			
Cities-			
Belleville	2,052	305	30
Brantford	3,715	671	48
Chatham	2,767	477	17
Fort William	2,377	461	4
Galt	1,822	239	13
Guelph	2,748	403	40
Hamilton	19,319	3,003	49
Kingston	3,348	512	22
Kitchener	4,220	587	12
London	11,999	1,507	62
Niagara Falls	3,459	463	20
North Bay	1,510	264	..
Oshawa	3,248	373	13
Ottawa	15,214	1,752	43
Owen Sound	1,677	185	11
Peterborough	3,033	523	28
Port Arthur	2,146	381	8
Sarnia	2,896	274	12
Sault Ste. Marie	2,208	361	5
St. Catharines	3,832	690	27
St. Thomas	2,429	237	14
Stratford	2,315	281	21
Sudbury	2,828	333	1
Toronto	97,059	13,948	270
Welland	1,653	253	18
Windsor	9,137	1,378	25
Woodstock	2,383	209	12
Counties-			
Algoma	2,207	356	10
Brant	3,192	409	38
Bruce	6,613	456	34
Carleton	4,536	587	76
Dufferin	2,370	192	15
Dundas	2,346	216	9
Durham	3,852	383	71
Elgin	4,742	510	57
Essex	12,507	1,681	59
Frontenac	2,776	363	45
Glengarry	1,907	176	10
Grenville	2,194	277	23
Grey	6,203	426	46
Haldimand	4,205	413	11
Haliburton	531	57	..
Halton	4,464	635	54
Hastings	6,970	737	49
Huron	7,321	556	44
Kenora	1,151	318	6
Kent	8,070	915	51

REGISTRATIONS IN MUNICIPALITIES

	Passenger Cars	Commercial Vehicles	Convertible Vehicles
	No.	No.	No.
<u>Ontario- Concluded</u>			
Counties - Concluded			
Lambton	6,539	503	47
Lanark	4,468	379	47
Leeds	4,922	634	63
Lennox and Addington	2,708	300	18
Lincoln	4,224	971	57
Manitoulin	988	69	3
Middlesex	8,296	822	73
Muskoka	2,481	339	24
Nipissing	2,259	281	19
Norfolk	5,207	705	40
Northumberland	4,637	602	35
Ontario	4,991	552	37
Oxford	6,988	846	89
Parry Sound	2,126	306	22
Peel	4,958	919	26
Perth	5,552	438	19
Peterborough	3,072	232	38
Prescott	1,668	198	22
Prince Edward	2,822	365	6
Rainy River	1,136	282	22
Renfrew	5,086	472	28
Russell	1,207	279	14
Simcoe	11,014	1,209	133
Stormont	3,439	402	28
Sudbury	1,088	179	17
Thunder Bay	1,107	226	6
Temiskaming	5,556	606	47
Victoria	4,190	572	48
Waterloo	6,656	720	42
Welland	6,931	1,070	88
Wellington	5,744	434	41
Wentworth	4,892	1,153	35
York	16,459	2,735	141
<u>Manitoba-</u>			
Cities-			
Brandon	1,742	280	
Portage la Prairie	674	84	
St. Boniface	1,227	284	
Winnipeg	17,827	3,039	
Winnipeg Suburban-			
Brocklands	127	15	
Fort Garry	399	101	
Kildonan-East	781	67	
Kildonan-West	532	69	
St. James	1,359	124	
St. Vital	1,029	131	
Tuxedo	190	18	

REGISTRATIONS IN MUNICIPALITIES

	/ Passenger Cars No.	Commercial Vehicles No.	Motor Cycles No.
<u>Manitoba - Continued</u>			
Towns--			
Beausejour	125	51	-
Birtle	93	5	
Boissevain	122	23	
Carberry	96	20	
Carman	175	18	
Dauphin	428	81	
Deloraine	115	18	
Emerson	118	9	
Gladstone	72	9	
Grandview	72	6	
Hartney	51	19	
Killarney	108	26	
Melita	69	15	
Minnedosa	218	22	
Morden	149	50	
Morris	80	25	
Neepawa	229	13	
Oak Lake	47	13	
Rapid City	52	6	
Rivers	73	8	
Russell	70	12	
Selkirk	274	52	
Souris	113	31	
Stonewall	110	16	
Swan River	93	40	
The Pas	88	39	
Transcona	352	55	
Virden	180	29	
Winnipeg Beach	81	19	
<u>Saskatchewan--</u>			
Moose Jaw	2,047	261	28
North Battleford	921	55	5
Prince Albert	1,146	125	9
Regina	6,170	730	54
Saskatoon	4,915	512	54
Swift Current	683	109	10
Weyburn	571	90	2
Yorkton	577	40	2
<u>Alberta--</u>			
Calgary	10,457	1,514	107
Edmonton	9,371	1,401	118
Lethbridge	1,620	315	14
Medicine Hat	1,071	158	8

/ Taxi cabs included with passenger cars in Saskatchewan and Alberta.

REGISTRATIONS IN MUNICIPALITIES

Registrations by Issuing Offices			Motor Vehicles
British Columbia--			No.
Alberni			566
Anyox			13
Ashcroft			188
Atlin			51
Clinton			109
Cranbrook			1,537
Cumberland			1,468
Duncan			1,484
Fernie			804
Fort Fraser			342
Golden			306
Grand Forks			382
Greenwood			219
Kamloops			1,470
Kaslo			94
Kelowna			1,550
Lillooet			186
Merritt			333
Nanaimo			2,477
Nelson			1,829
New Denver			107
New Westminster			10,084
Penticton			1,834
Pouce Coupe			343
Powell River			638
Prince George			483
Prince Rupert			483
Princeton			380
Queen Charlotte			39
Quesnel			266
Revelstoke			612
Rossland			1,336
Salmon Arm			473
Smithers			404
Stewart			62
Telegraph Cr.			7
Vancouver			35,002
Vernon			2,070
Victoria			15,382
Williams Lake			372
Wilmer			209
Yukon			
	Passenger Cars	Commercial Vehicles	Motor Cycles
Dawson	84	27	7
Mayo	15	13	2
Whitehorse	25	33	1

Motor Vehicle Accidents.- Most of the provinces require motorists to report motor vehicle accidents, but data for Canada as a whole are available only on deaths occurring from these accidents and Table 14 shows the differences in these data as reported to the provinces and to the Vital Statistics Branch of the Dominion Bureau of Statistics. Some of these differences are due to the provinces reporting cases as injuries which are subsequently reported to the Bureau as deaths. It is quite possible that the differences between the actual number of persons injured and the number reported to the provinces are still greater, due to the difficulty of securing returns where injuries are only slight.

The number of deaths reported to the Bureau, as shown in Tables 10 and 11, decreased by 165, or 14.7 per cent, from 1932, the totals being 1,120 in 1932 and 955 in 1933. The greatest decreases were made in November and December, due probably to the early and severe winter more than to an improvement in driving habits. The number of deaths follows very closely the quantity of gasoline consumed which is roughly proportional to the car miles run, truck consumption being weighted by a smaller mileage per gallon than passenger cars, and apparently, from the two curves shown below, the density of traffic has a greater effect than icy roads and difficult driving conditions. Reports from Ontario for 1933 showed that 74 per cent of fatal accidents and 69 per cent of all accidents occurred on roads with dry surfaces, whereas only 11 per cent of fatal and 16 per cent of all accidents occurred on icy or snow road surfaces.

Prince Edward Island and Saskatchewan continued to have the lowest rate of deaths per 10,000 motor vehicles registered and all the provinces except Alberta showed improvements, especially New Brunswick where the number of deaths was reduced from 49 in 1932 to 22 in 1933 and the rate per 10,000 motor vehicles, from 17.47 to 8.20. Deaths reported from cities were not all due to accidents within those cities. From Montreal 104 deaths were reported and from Toronto 65, whereas the city police departments, as shown in Table 15, reported only 23 for Montreal and 41 for Toronto. Some of the cases reported to the Bureau were undoubtedly reported by the police as persons injured and some were due to accidents outside the cities which were brought into the city hospitals and subsequently died. Without information as to the relative accuracy of the police records in the various municipalities listed in Table 15, it is impossible to make any proper comparisons as between municipalities, but the data should be fairly comparable from year to year for individual municipalities. This table does not include all cities and towns reporting to the Bureau, but only those reporting motor vehicle accidents.

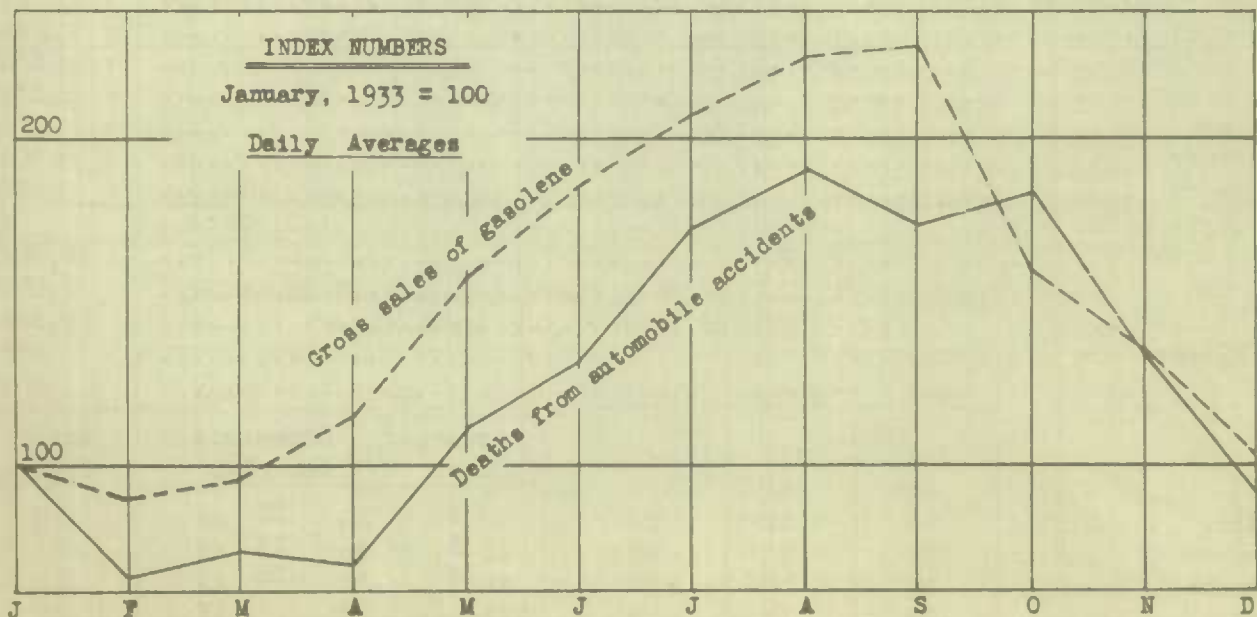


Table 10. DEATHS RESULTING FROM AUTOMOBILE ACCIDENTS, BY MONTHS

Year	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1933 (1)...	955	65	37	46	43	72	83	113	124	109	120	84	59
1932.....	1,120	79	51	51	53	78	89	127	133	119	137	109	94
1931.....	1,316	53	52	49	76	111	127	127	179	150	158	135	99
1930.....	1,290	30	31	38	77	102	127	168	181	163	152	125	96
1929.....	1,300	41	27	42	66	107	132	192	168	174	157	136	58
1928.....	1,082	29	25	30	55	74	92	131	145	136	158	106	101
1927.....	865	16	19	34	49	67	98	121	111	138	92	58	62
1926.....	606	17	13	12	27	51	56	84	92	91	91	37	35

Table 11. DEATHS RESULTING FROM AUTOMOBILE ACCIDENTS, BY PROVINCES

Year	Canada	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
				TOTAL NUMBER						
1933 (1)...	955	2	47	22	256	416	38	32	64	78
1932.....	1,120	1	51	49	311	497	42	35	49	85
1931.....	1,316	5	49	45	355	574	60	50	67	111
1930.....	1,290	10	54	72	338	517	60	51	77	111
1929.....	1,300	1	61	47	323	556	68	56	71	117
1928.....	1,082	2	40	31	279	437	53	74	75	91
1927.....	865	2	31	25	252	387	32	24	35	77
1926.....	606	1	28	11	183	242	27	21	33	60

Table 12. AVERAGE PER 10,000 REGISTERED MOTOR VEHICLES

1933 (1)...	8.82	2.88	11.62	8.20	16.00	8.00	5.53	3.78	7.43	8.81
1932.....	10.05	1.43	12.39	17.47	18.77	9.35	5.87	3.83	5.64	9.34
1931.....	10.96	6.46	11.20	13.38	19.77	10.21	7.94	4.61	7.00	11.33
1930.....	10.40	13.51	12.54	20.67	18.89	9.16	7.57	3.93	7.50	11.22
1929.....	10.82	1.63	15.30	14.76	19.05	10.12	8.74	4.30	7.12	11.23
1928.....	10.05	3.68	11.39	11.00	18.79	8.90	7.45	6.08	8.40	10.25
1927.....	9.15	4.56	10.31	10.19	19.62	8.87	5.01	2.25	4.74	9.92
1926.....	7.23	2.89	10.82	5.11	16.89	6.23	4.67	2.16	5.03	8.82

Table 13. DEATHS RESULTING FROM AUTOMOBILE ACCIDENTS REPORTED BY CITIES OF OVER 40,000 POPULATION

	(1) 1933	1932	1931	1930	1929	1928	1927	1926
Montreal	104	121	143	136	151	109	126	81
Toronto	65	88	111	67	107	81	87	45
Winnipeg	18	22	25	30	25	24	18	18
Vancouver	28	41	46	43	45	42	35	26
Hamilton	22	20	31	41	37	29	23	20
Ottawa	25	25	19	24	26	17	17	12
Quebec	8	14	15	17	17	10	14	10

(1) Preliminary Vital Statistics.

Table 13 continued on page 28.

Table 13.

DEATHS RESULTING FROM AUTOMOBILE ACCIDENTS REPORTED
BY CITIES OF OVER 40,000 POPULATION - Concluded

	(1) 1933	1932	1931	1930	1929	1928	1927	1926
Calgary	7	9	12	12	11	13	8	6
London	20	12	21	18	16	13	9	6
Edmonton	10	8	16	15	10	8	7	5
Windsor	16	13	17	15	17	22	24	15
Verdun	1	5	—	1	1	2	2	—
Halifax	14	8	9	6	14	10	5	5
Regina	1	1	11	8	(2)	(2)	(2)	(2)
Saint John	1	6	6	12	5	2	4	—
Saskatoon	3	4	3	4	(2)	(2)	(2)	(2)

(1) Preliminary Vital Statistics. (2) Not tabulated.

Table 14.

RESULTS OF MOTOR VEHICLE ACCIDENTS

Province	Deaths Reported To		Reported by Provinces								
	Bureau	Provinces	Persons Injured f	Property Damage \$	Pedes- trians	Persons Killed			Others		
						Occupants of					
						Motor cars	Motor cycles	Bicy- cles			
Prince Edward Island	2	2	x	x	x	x	x	x	x		
Nova Scotia	47	40	791	86,027	18	x	-	2	-		
New Brunswick	22	12	77	x	x	x	x	x	x		
Quebec	256	228	4,162	x	100	123	-	x	5		
Ontario	416	403	7,877	834,442	175	186	10	25	7		
Manitoba	38	x	x	x	x	x	x	x	x		
Saskatchewan	32	21	481	73,148	x	x	x	x	x		
Alberta	64	x	x	x	x	x	x	x	x		
British Columbia ...	78	67	1,559	163,810	28	13	1	1	24		
	Reported by Provinces										
	Persons Injured					Class of Vehicle Involved					
Province	Pedes- trians	Occupants of			Others	Pass. Car	Comm- ercial	Taxi	Bus	Motor Cycle	Not Stated
		Motor cars	Motor cycles	Bicy- cles							
xx											
Nova Scotia	244	x	x	25	x	x	x	x	x	x	x
Quebec	1,840	2,128	x	x	194	6,793	1,712	356	68	-	-
Ontario	2,646	4,250	211	649	121	10,107	1,971	176	75	262	-
British Columbia.....	502	402	17	44	594	3,011	480	81	37	43	28

/ Probably some of these died later and were reported to the Bureau as deaths.

x Not reported by provinces.

xx No data from other provinces.

Table 15. MOTOR VEHICLE ACCIDENTS REPORTED BY URBAN POLICE DEPARTMENTS

	Persons			Persons	
	Killed	Injured		Killed	Injured
<u>Prince Edward Island</u>			<u>Quebec - Cont'd.</u>		
Charlottetown	-	13	St. Hyacinthe	1	16
<u>Nova Scotia</u>			St. Jerome	1	9
Amherst	-	10	St. Jerome de Matane ..	-	1
Glace Bay	2	5	St. Lambert	-	2
Halifax	6	145	St. Laurent	-	4
New Glasgow	-	4	Shawinigan Falls	-	5
New Waterford	-	3	Sherbrooke	3	11
North Sydney	-	4	Sorel	-	2
Springhill	-	2	Three Rivers	4	29
Stellarton	1	-	Valleyfield	1	5
Sydney	1	62	Verdun	1	142
Sydney Mines	-	1	Westmount	3	69
Yarmouth	1	2			
			Total	59	2,877
Total	11	238	<u>Ontario</u>		
<u>New Brunswick</u>			Arnprior	1	6
Chatham	-	6	Barrie	-	8
Fredericton	1	5	Belleville	-	15
Moncton	-	42	Bowmanville	-	10
Saint John	-	11	Brampton	1	5
			Brantford	1	29
Total	1	64	Brockville	3	27
<u>Quebec</u>			Carleton Place	-	1
Buckingham	-	2	Chatham	-	29
Cap de la Madeleine	-	3	Cobourg	-	4
Coaticook	-	4	Collingwood	-	13
Drummondville	-	6	Cornwall	-	9
Hull	2	50	Forest Hill	-	12
Joliette	-	7	Fort Frances	-	4
Jonquiere	1	-	Fort William	1	24
Kenogami	-	3	Galt	-	19
Lachine	-	53	Goderich	-	3
Lauson	1	6	Guelph	4	86
Levis	-	2	Hamilton	8	593
Longueuil	1	12	Ingersoll	1	5
Magog	2	16	Kenora	-	61
Montmorency	-	2	Kingston	2	31
Montreal	23	1,990	Kitchener	1	85
Outremont	1	52	Lindsay	-	5
Pointe Claire	2	6	London	8	353
Quebec	7	346	Midland	-	8
Farnham	1	-	New Toronto	-	6
Grand Mere	1	6	Niagara Falls	2	44
Montreal North	-	5	North Bay	2	25
Riviere du Loup	3	11	Oshawa	1	27
			Orillia	1	2
			Ottawa	14	150

MOTOR VEHICLE ACCIDENTS REPORTED BY URBAN POLICE DEPARTMENTS

	Persons			Persons	
	Killed	Injured		Killed	Injured
<u>Ontario - Cont'd.</u>			<u>Saskatchewan</u>		
Owen Sound	-	11	Moose Jaw	-	25
Pembroke	1	5	North Battleford	-	3
Paris	1	2	Prince Albert	-	4
Penetanguishene	-	3	Regina	1	168
Perth	-	4	Saskatoon	2	39
Peterborough	-	39	Swift Current	1	2
Port Arthur	-	27	Yorkton	-	11
Port Colborne	2	11			
Port Hope	-	5	Total	4	242
Preston	1	8			
Renfrew	-	2	<u>Alberta</u>		
Riverside	-	15	Calgary	3	198
Sandwich	4	20	Edmonton	6	180
Sarnia	2	42	Lethbridge	1	5
Sault Ste. Marie	1	4	Medicine Hat	1	14
St. Catharines	3	56			
St. Thomas	2	13	Total	11	397
Simcoe	-	12			
Smiths Falls	-	4	<u>British Columbia</u>		
Stratford	2	34	Kamloops	-	3
Sturgeon Falls	-	9	Kelowna	1	11
Sudbury	-	19	Nanaimo	-	8
Swansea	1	4	New Westminster	2	57
Thorold	-	4	North Vancouver	-	4
Timmins	1	48	Prince Rupert	-	5
Toronto	41	2,750	Trail	-	14
Trenton	-	5	Vancouver	27	1,228
Walkerville	2	39	Victoria	6	108
Wallaceburg	-	5	Nelson	2	51
Waterloo	-	6			
Welland	-	22	Total	38	1,489
Weston	-	2			
Whitby	1	3	<u>CANADA</u>		
Windsor	2	186	Prince Edward Island ..	-	13
Windsor East	2	26	Nova Scotia	11	238
Woodstock	1	46	New Brunswick	1	64
			Quebec	59	2,877
Total	121	5,165	Ontario	121	5,165
<u>Manitoba</u>			Manitoba	19	1,100
Brandon	8	161	Saskatchewan	4	242
The Pas	-	2	Alberta	11	397
Portage la Prairie	-	1	British Columbia	38	1,489
St. Boniface	1	30			
Transcona	-	14	GRAND TOTAL	264	11,585
Winnipeg	10	892			
Total	19	1,100			

Tourist Automobiles.— The number of automobiles entered for touring purposes showed an appreciable decrease from the 1932 records and the expenditures by foreign motorists in Canada dropped from 75 per cent of the total tourist expenditures to 66 per cent, or from \$159,838,000 to \$77,250,000. The following tables show the number entered and exported under the different classes of permit at the various ports as reported by the Department of National Revenue.

Table 16. SUMMARY OF TOURIST AUTOMOBILES, 1930-1933.

At ports in	Year	Admitted for period			Canadian cars exported for touring purposes
		Not exceeding 24 hours	Not exceeding 60 days	Exceeding 60 days and not more than six months	
Maritime Provinces	1933	108,571	45,124	80	7,920
	1932	234,922	53,268	61	5,587
	1931	241,076	60,662	72	9,437
	1930	243,375	57,876	70	6,944
Quebec	1933	199,313	237,007	65	96,718
	1932	222,801	313,243	102	91,148
	1931	244,770	400,748	417	132,576
	1930	268,538	380,020	1,412	140,684
Ontario	1933	1,844,643	494,304	150	164,795
	1932	2,497,384	552,011	191	149,418
	1931	2,834,427	857,095	198	234,077
	1930	3,470,589	693,607	407	427,185
Manitoba	1933	22,241	9,455	4	13,387
	1932	31,999	11,593	12	9,762
	1931	30,144	14,451	13	14,469
	1930	35,043	15,891	93	15,299
Saskatchewan	1933	13,287	4,412	2	6,678
	1932	16,098	4,632	6	4,613
	1931	19,629	4,855	3	8,145
	1930	20,577	5,734	289	9,875
Alberta	1933	11,651	3,713	2	2,368
	1932	17,720	3,854	1	1,750
	1931	26,592	5,362	-	2,819
	1930	24,345	6,174	-	2,930
British Columbia..	1933	33,712	69,121	30	125,266
	1932	49,466	94,366	47	114,579
	1931	42,854	126,530	41	135,332
	1930	47,633	137,728	57	143,998
Canada	1933	2,233,418	863,136	333	417,132
	1932	3,070,590	1,032,967	420	376,857
	1931	3,439,492	1,469,753	744	536,855
	1930	4,110,100	1,297,030	2,328	746,924

Table 17.

TOURIST AUTOMOBILES, 1933.

Port	Admitted for Period			Exported for touring purposes
	Not exceeding 24 hours	Not exceeding 60 days	Exceeding 60 days and not more than six months	
Maritime Provinces				
Prince Edward Island-				
Charlottetown	-	-	-	-
Port Borden	-	1	-	-
Souris	-	-	-	-
Summerside	-	-	-	-
Nova Scotia-				
Annapolis Royal	-	-	4	-
Digby	-	-	4	-
Halifax	-	28	6	3
Truro	-	-	14	-
Yarmouth	-	1,213	2	60
New Brunswick-				
Andover	21,165	4,069	4	468
Aroostook Jct.	572	22	1	762
Bloomfield	1,745	284	-	19
Campobello	576	58	-	71
Centreville	7,992	1,362	1	137
Clair	25,364	2,211	2	232
Connors	78	74	-	16
Debec	37	1	-	-
Edmundston	-	5,304	3	584
Fosterville	3,440	263	-	47
Four Falls	1,558	557	-	30
Grand Falls	5,272	2,618	-	324
Green River	156	59	-	-
Milltown	-	359	-	134
McAdam Jct.	-	2	-	-
North Head	-	54	2	18
Richmond Road	19,913	6,603	-	1,216
River de Chute	5,075	621	2	9
St. Andrews	-	57	-	25
St. Croix	8,884	1,742	-	352
St. Hilaire	117	49	-	96
St. John	-	389	16	29
St. Leonard	3,056	4,369	1	501
St. Stephen	1,270	12,480	16	2,758
Union Corner	2,266	202	-	24
Upper Mills	35	72	-	5
Woodstock	-	1	2	-
Total	108,571	45,124	80	7,920

TOURIST AUTOMOBILES, 1933 - Cont'd.

Port	Admitted for Period			Exported for touring purposes
	Not exceeding 24 hours	Not exceeding 60 days	Exceeding 60 days and not more than six months	
<u>Quebec-</u>				
Abercorn	12,961	4,141	-	997
Armstrong	707	8,998	3	1,355
Athelstan	-	642	-	460
Baldwin's Mills	265	-	-	2,477
Beebe	18,793	1,220	-	445
Cantic	200	27,113	1	5,468
Clarenceville	423	662	1	259
Comin's Mills	3,564	6,663	-	1,774
Covey Hill	19	1,020	-	408
Dundee	5,428	5,837	-	2,653
Estcourt	21	14	-	18
Franklin Centre	-	1,087	-	463
Frelighsburg	3,643	3,739	-	1,288
Frontier	-	450	-	226
Glen Sutton	5,064	6,359	-	411
Hemmingford	2,867	3,396	-	2,284
Herdman	1,999	5,159	-	2,213
Hereford Rd.	20,782	3,984	-	4,811
Highwater	15,021	12,961	-	4,439
Lac Frontiere	898	255	1	18
Lacolle	9,044	24,668	16	19,479
Mansonville	277	55	-	10
Monk	-	4	-	-
Montreal	-	95	24	69
Noyan	2,255	8,767	-	2,572
Phillipsburg	7,361	45,544	-	12,469
Pigeon Hill	248	1,825	-	657
Quebec	-	44	10	26
Rock Island	50,874	20,704	9	9,232
Roxham Road	177	1,467	-	1,212
Stanhope	5,846	12,387	-	3,335
St. Agnes de Dundee ...	4	19	-	160
St. Andre Road	7,217	9,885	-	4,642
St. Armand	2,020	2,230	-	448
St. Regis	12,629	679	-	1,492
St. Zacharie	80	302	-	2
Trout River	6,181	12,403	-	7,991
Woburn	2,445	2,229	-	255
Total	199,313	237,007	65	96,718
<u>Ontario-</u>				
Aultsville	108	1,430	-	730
Brockville	2,017	5,802	3	1,718
Cobourg	-	72	13	4

TOURIST AUTOMOBILES, 1933 - Cont'd.

Port	Admitted for Period			Exported for touring purposes
	Not exceeding 24 hours	Not exceeding 60 days	Exceeding 60 days and not more than six months	
<u>Ontario- continued</u>				
Courtright	1,768	926	-	332
Fort Erie	657,173	114,116	17	55,943
Fort Frances	17,136	1,201	-	1,033
Fort William	-	38	-	5
Gananoque	50	3,830	3	594
Kingston	55	402	16	169
Morrisburg	1,505	4,828	-	2,218
Niagara Falls	496,293	108,817	18	46,053
Pigeon River	363	5,068	-	2,820
Port Arthur	-	-	-	10
Port Dover	-	-	-	-
Port Lambton	3,240	1,148	-	1,347
Port Stanley	-	308	-	31
Prescott	1,927	13,752	-	6,279
Rainy River	1,414	351	-	509
Rockport	-	3,952	-	615
Sarnia	21,376	35,666	4	9,829
Sault Ste. Marie	9,921	4,730	8	1,637
Sombra	2,217	539	-	485
Toronto	-	165	43	67
Walkerville	59,005	11,257	2	4,600
Walpole Island	1,266	187	-	154
Windsor	567,809	175,719	23	27,813
Total	1,844,643	494,304	150	164,795
<u>Manitoba-</u>				
Bannerman	6	-	-	-
Cartwright	633	95	-	853
Crystal City	705	106	-	65
Emerson	9,915	7,058	3	8,929
Coulter	374	252	-	194
Goodlands	522	139	-	128
Gretna	4,258	253	-	151
Haskett	424	243	1	99
Lena	1,329	490	-	1,801
Lyleton	186	27	-	8
Piney	781	126	-	171
Snowflake	825	126	-	443
South Jct.	669	139	-	121
Sprague	14	10	-	2
Turtle Mountain	907	234	-	351
Windy gates	693	157	-	71
Total	22,241	9,455	4	13,387

TOURIST AUTOMOBILES, 1933 - Cont'd.

Port	Admitted for Period			Exported for touring purposes
	Not exceeding 24 hours	Not exceeding 60 days	Exceeding 60 days and not more than six months	
<u>Saskatchewan-</u>				
Big Beaver	450	210	-	72
Big Muddy	-	48	-	68
Climax	128	182	-	435
East Poplar River	362	202	-	938
Elmore	1,114	138	-	79
Estevan	2,097	408	1	1,228
Fairlawn	113	54	-	222
Marienthal	1,303	424	-	175
Northgate	2,473	840	-	125
North Portal	4,459	1,174	1	1,685
Ratcliffe	226	117	-	54
Regway	269	231	-	599
Shaunavon	-	-	-	-
Val Marie	12	110	-	237
West Poplar River	166	158	-	189
Willow Creek	115	116	-	572
Total	13,287	4,412	2	6,678
<u>Alberta-</u>				
Aden	59	23	-	20
Cardston	-	2	-	-
Carway	571	2,503	-	1,392
Coutts	10,749	944	-	772
Lethbridge	-	-	1	-
Medicine Hat	-	-	1	-
Twin Lakes	77	145	-	86
Wild Horse	195	96	-	98
Total	11,651	3,713	2	2,368
<u>British Columbia-</u>				
Aldergrove	4,536	3,181	-	2,369
Boundary Bay	5,823	2,123	-	28,986
Bridestville	-	105	-	636
Carson	2,655	295	-	264
Cascade City	3,170	2,025	-	1,085
Douglas	5,328	10,229	-	16,187
Huntingdon	4,337	9,098	-	14,774
Kingsgate	398	1,129	6	3,700
Midway	76	14	-	64
Myncester	257	41	-	81
Nelway	256	940	-	1,526
Newgate	256	114	-	96
New Westminster	-	29	2	-

TOURIST AUTOMOBILES, 1933 - Concluded

Port	Admitted for Period			Exported for touring purposes
	Not exceeding 24 hours	Not exceeding 60 days	Exceeding 60 days and not more than six months	
British Columbia- continued				
Osoyoos	885	1,622	3	4,536
Pacific Highway	1,377	31,535	-	41,882
Paterson	-	665	-	1,412
Roosville	1,337	286	-	42
Rykerts	1,177	1,806	5	2,560
Sidney	-	741	-	460
Silver Heights	142	-	-	3,026
Similkameen	112	49	-	265
Stewart	1,590	-	-	-
Vancouver	-	158	-	54
Victoria	-	2,932	14	1,259
Waneta	-	4	-	4
Total	33,712	69,121	30	125,266
GRAND TOTAL	2,233,418	863,136	333	417,132

MOTOR VEHICLE REGULATIONS, FEES, ETC.

1 9 3 3

Each province has jurisdiction over the licensing of motor vehicles, chauffeurs, drivers, etc. and the basis adopted is different in each province. In Prince Edward Island, Nova Scotia, New Brunswick and Quebec the basis of assessing registration fees for passenger automobiles during 1933 was on the weight of the vehicle, except that Prince Edward Island and Nova Scotia also made a separate charge for the first registration on all motor vehicles and New Brunswick made an annual fee for all registrations plus the weight basis fee. In these provinces commercial cars were also licensed on the tare weight, (weight of vehicle) basis, except in Prince Edward Island where the carrying capacity was the basis up to 2 tons. Prince Edward Island also made a separate charge for markers for passenger cars. New Brunswick charged to the nearest quarter of a hundred-weight and to the nearest twenty-five cents and Nova Scotia and Quebec assessed any fraction of a hundred-weight as a hundred-weight. Quebec also assessed a considerably higher rate for vehicles with solid tires than for vehicles with pneumatic tires. Also in Quebec steam and electric motor vehicles were assessed at a higher rate than motor vehicles with gasoline engines, whereas in the other three provinces no distinction was made.

Ontario In Ontario passenger cars were assessed according to the number of cylinders. Commercial vehicles were assessed on the gross weight basis; i.e., the weight of the vehicle plus the carrying capacity, the rate for vehicles with solid tires being higher than for vehicles with pneumatic tires.

Manitoba,
Saskatchewan
and
Alberta

In Manitoba, Saskatchewan and Alberta passenger cars were assessed according to the length of the wheel base. Commercial cars were assessed on the carrying capacity basis in Manitoba, on the gross weight basis and according to the width of the tires in Saskatchewan, and according to the wheel base in Alberta.

British
Columbia

In British Columbia the license fee was assessed on a combination of value expressed in dollars and weight of the vehicle expressed in pounds with a fixed rate of depreciation for both passenger cars and commercial cars. Two scales of depreciation were used, (a) for cars with a retail selling value up to \$1,500 and (b) a higher rate for cars with a value of \$1,500 and over.

1 9 3 4

Prince
Edward
Island

Prince Edward Island reduced the rate on passenger cars on March 17, 1933, from 70 cents per 100 pounds to 50 cents and raised the rate from \$105.00 to \$125.00 on commercial cars weighing over 5,000 pounds and from \$180.00 to \$225.00 on cars weighing 6,500 pounds with corresponding increases for intermediate cars. Trailers require a license in this province at a cost of \$1.00 and a driving permit is issued to each motor vehicle owner free; in 1932 one other member of the family was also granted a free driver's permit. In 1933 all drivers, other than owners, paid one dollar for a driver's permit and no change was made in 1934.

Nova
Scotia

Nova Scotia reduced the fees for passenger cars 20 per cent, effective January 1, 1934, the rate now being 72 cents per hundred-weight or fraction thereof with a minimum fee of \$12.00. The basis for assessing fees for commercial cars also was changed on January 1, 1934, from the tare weight to the gross weight basis or to the weight of the vehicle plus the maximum carrying capacity. The minimum fee is \$16.00 for a gross weight up to 4,000 pounds. Fees are based on a charge per hundred-weight or fraction thereof of 40 cents on gross weights of 6,000 pounds and under, 45 cents on gross weights of 6,001 to 8,000 pounds and increases of 5 cents per hundred-weight for each increase of 1,000 pounds in gross weights up to 12,000 pounds. Road tractors and truck tractors are assessed at twice the rates for commercial vehicles. Trailers and semi-trailers are assessed at 50 cents per hundred-weight with a minimum of \$4.00.

Effective January 1, 1934, passenger car fees were reduced from 85 cents per 100 pounds tare weight to 70 cents per 100 pounds in addition to the annual registration fee of \$2.00 per vehicle. Commercial car fees were reduced as follows:

			<u>1933</u>	<u>1934</u>
New Brunswick	First 3,000 pounds	per 100 pounds	\$1.15	\$1.00
	Next 1,000 "	" " "	3.00	4.00
	Vehicles between 4,000 and 6,000 pounds-			
		per 100 pounds	2.00	2.00
	Vehicles between 6,000 and 8,000 pounds-			
		per 100 pounds	2.50	2.50

Motor bus fees were the same as in 1933 at \$2.25 per hundred pounds for vehicles weighing up to 6,000 pounds and \$2.75 per hundred-weight for vehicles weighing 6,000 to 8,000 pounds. Trailers' fees were changed from

New Brunswick a carrying capacity basis of 80 cents per 100 pounds to a tare weight basis of \$1.00 per 100 pounds for trailers weighing up to 500 pounds and \$1.50 per 100 pounds for heavier trailers when hauled behind commercial cars weighing over 3,000 pounds and a flat rate of \$3.00 when hauled behind lighter commercial vehicles or behind passenger cars. Drivers' licenses remained at \$2.00.

Quebec Quebec made no change in 1933 and 1934 in rates of fees. The fees are: passenger cars, 70 cents per hundred-weight; motor buses, \$1.50 per hundred-weight; commercial and delivery trucks, \$1.25 per hundred-weight up to 6,000 pounds and \$2.50 for heavier vehicles when equipped with pneumatic tires. Motor buses belonging to tramways are assessed 15 cents per hundred-weight. Chauffeurs and operators are assessed \$5.00 for driving permits.

Ontario Ontario made a division of six and eight cylinder passenger cars for 1933, increasing six cylinder passenger cars over 28 horse-power from \$12.00 to \$15.00 and reducing eight cylinder passenger cars of under 35 horse-power from \$20.00 to \$15.00. Fees for four cylinder passenger cars remained at \$7.00. Also the fees for commercial cars were increased. Licenses for commercial vehicles with a gross weight of 4 tons with pneumatic tires were increased from \$36.00 to \$48.00 and for vehicles of 15 tons weight the fee was increased from \$225.00 to \$330.00; for vehicles of intermediate weight the increases were on a graduated scale. For commercial vehicles equipped with solid tires the increases were from \$48.00 to \$60.00 for vehicles with gross weights of 4 tons and from \$270.00 to \$375.00 for 15 tons. These rates remained unchanged in 1934. Trailers and semi-trailers are assessed from \$3.00 for gross weights of one ton and less to \$210.00 for gross weights of 14 to 15 tons. The fee for motor cycles is \$3.00 and for buses from \$10.00 for 2 tons and less to \$225.00 for 14 to 15 tons, the carrying capacity being computed at 135 pounds per seat.

Manitoba Fees for passenger cars remained unchanged in 1934 at \$9.00 for cars with wheel bases of not over 100 inches and \$2.50 for each additional 5 inches. For all cars over seven years old the fee is \$9.00. Fees for trucks were also unchanged at \$10.00 for gross weights up to 3 tons and \$5.00 for each additional half ton. Fees for trailers were reduced to \$2.00 for carrying capacities up to half a ton, \$5.00 for one ton and \$5.00 for each additional half ton. Motor cycles are assessed \$5.00. Fees are reduced to 5/6 of full fee on May 1 and to 1/2 on August 1.

Saskatchewan Saskatchewan made no change in 1934, the passenger car fee being \$10.00 for wheel bases up to 100 inches and \$2.50 for each additional 5 inches.

Fees for trucks are divided according to service as follows:

Gross Weight	Private		Public	
	Farm, city or		Outside cities	
	town		or towns	
	(A)		(B)	
Up to 3,000 lbs.	\$10.00		\$20.00	
Over 3,000 and up to 4,000 pounds	12.50		24.50	
" 4,000 " " " 5,000 "	15.00		30.00	
" 5,000 " " " 6,000 "	17.50		36.50	
" 6,000 " " " 7,000 "	20.00		44.00	
" 7,000 " " " 8,000 "	22.50		52.50	
" 8,000 " " " 9,000 "	25.00		62.00	

Saskatchewan

Gross Weight	P r i v a t e		P u b l i c	
	Farm, city or town		Outside cities or towns	
	(A)		(B)	
Over 9,000 and up to 10,000 pounds...	\$27.50		\$72.50	
" 10,000 " " " 12,000 " ...	32.50		86.50	
" 12,000 " " " 14,000 " ...	37.50		101.50	
" 14,000 " " " 16,000 "	42.50		117.50	
" 16,000 " " " 18,000 " ...	47.50		134.50	
" 18,000 " " " 20,000 " ...	52.50		152.50	

Public vehicles pay additional

(A) 1.- Entirely within limits of city	\$1.00
2. Within 5 miles of limits of city or town	25.00
(B) 1. Within 5 miles of village or hamlet	10.00
2. General merchandise over specified route	35.00
3. Milk, cream, livestock	20.00
4. Grain and fodder	5.00
5. Coal, firewood, clay, brick, sand, gravel	10.00

/ An additional tax of 1 per cent of gross earnings payable quarterly is assessed.

Motor cycle fees are \$6.00 per annum.

The only changes in fees in 1934 were a reduction in rates for cars registered between April 1 and June 30 of 20 per cent, between July 1 and October 31 of 40 per cent and between November 1 and December 31 of 75 per cent. Cars manufactured in 1925 or previously get a further reduction of \$6.00. Fees for all motor vehicles are \$15.00 for wheel bases up to 100 inches and \$2.50 for each additional 5 inches.

Alberta

British
Columbia

The registration year was changed in 1934 from the calendar year to the year ended with the last day in February and the basis of assessing the fee was also changed to the tare weight basis, ranging from \$12.00 for a motor vehicle weighing 1,500 pounds or less, \$16.00 for 2,001 to 3,000 pounds, \$20.00 for 3,001 to 4,000 pounds, to \$30.00 for one weighing between 30,001 and 31,000 pounds. These fees are reduced by one twelfth for each month the vehicle is not registered; thus cars registered in March, June or in September will pay 100 per cent, 75 per cent or 50 per cent, respectively, of the full fee.

Public Vehicles

Operators of public vehicles used for the transportation of passengers and merchandise for gain are now required to secure a special permit in each province and the fees for such permits are in addition to the registration fees.

P.E. Island Prince Edward Island was the last province to pass a Public Vehicle Act and it became effective on April 6th, 1933.

Nova Scotia In Nova Scotia common carriers are required to secure a Certificate of Public Convenience and Necessity. A fee of \$10.00 per year is charged for each bus operated and a monthly fee of 2 per cent of the gross revenue must be paid.

New Brunswick In New Brunswick common carrier buses are assessed 2 per cent of the gross revenue and if they also carry freight a further fee of \$25.00 is charged for buses weighing up to 3,000 pounds. Buses and trucks carrying freight are assessed \$50.00 per annum if weighing 3,000 to 4,000 pounds (weight of vehicle) and \$100.00 per annum if weighing 4,000 pounds or over.

Quebec In Quebec public buses and trucks are assessed on the ton (gross ton) mile basis. Motor buses of 12 seats or less are charged 1/12 cent per ton mile and buses of over 12 seats at 1/10 cent per ton mile. Taxi cabs, trucks and trailers are also charged 1/10 cent per ton mile. The seating capacity of buses is based on an allowance of 20 inches per seat and 150 pounds per passenger.

Ontario In Ontario public vehicles are divided into two classes, (1) those operating on provincial highways (King's Highway) and (2) those operating on other rural roads. For buses of the first class the charge is 1/20 cent per passenger mile and of the second class, 1/30 cent per passenger mile. The seating capacity is based on 18 inches per seat. For trucks the fee is based on the gross weight, ranging from \$10.00 per year for a truck having a gross weight of 2 tons to \$112.50 for a truck with a gross weight of 15 tons for trucks operating on the provincial roads and from \$10.00 for trucks with gross weights up to 4 tons to \$56.00 for trucks with gross weights of 15 tons operating on other rural roads. For trailers of the first class the fee ranges from \$10.00 for gross weights up to 3 tons to \$97.50 for gross weights of 15 tons and for trailers in the second class from \$10.00 for trailers with gross weights up to 4 tons to \$49.00 for trailers with gross weights of 15 tons. Trucks operated for the transportation of farm and dairy products exclusively are not included in the above classes and are assessed a fee of \$1.00 per year.

Manitoba In Manitoba public buses are charged a minimum fee of \$50.00 plus \$2.00 for each seat in excess of 12 when operating on regular runs. Chartered buses are charged 1 cent per passenger mile for each trip if not certificated. Trucks with carrying capacities up to 1 1/2 tons transporting milk and cream are charged \$25.00 per year. Other trucks are charged \$50.00 per year. All trucks with capacities over 2 tons are charged \$25.00 per ton or fraction in excess of 2 tons. Effective July 1, 1933, public commercial vehicles transporting wood, fish or other seasonal commodities for a period of less than six months were required to pay a license of \$10.00 only.

Saskatchewan In Saskatchewan public passenger vehicles including livery cars and buses are assessed \$8.00 when operating entirely within city limits and \$10.00 when operating within a radius of 15 miles from the owner's headquarters, and when operated beyond this area a further fee of .25 cent per passenger mile is

charged with a minimum of 25 cents. When operated on a specified route a fee of \$43.00 and one per cent of the gross revenue is charged. Truck rates are shown on pages 38-39.

Alberta

In Alberta public buses are required to pay a fee of \$1.00 plus 1/15 cent per passenger mile for routes over gravel roads and 1/24 cent per passenger mile for routes over earth roads. Public trucks other than those belonging to farmers, market gardeners and ranchers and used for the transportation of the owners' produce and those operating exclusively within the limits of cities, towns or villages or within a 5-mile radius of these municipalities, are assessed on a gross weight basis. The fee is \$10.00 for weights up to 3,000 pounds and an additional fee per hundred-weight ranging from 50 cents for gross weights up to 7,000 pounds to \$1.75 for trucks with gross weights above 25,000 pounds. Trucks carrying grain between August 1 and December 31 are assessed 1/4 of these fees. For licenses secured after August 1 the fee is reduced to one-half and, after November 1, to one-quarter of the annual fee.

British
Columbia

In British Columbia public vehicles pay \$2.00 for license plates and buses pay a quarterly fee of \$1.00 for each seat including the driver's up to 20 seats and \$1.25 per seat for buses with over 20 seats. Buses carrying freight pay an additional fee of \$4.00 per ton, or fraction of a ton, carrying capacity. Public trucks and trailers pay a quarterly fee of \$4.00 per ton, or fraction of a ton, carrying capacity. Seating capacity and carrying capacity are those fixed and advertised by the manufacturer. Where the quarterly payment exceeds one per cent of the gross revenue it is reduced the following quarter by the amount of such excess.

Table 18.

Province	Date Financial Liability Act became effective.	Accidents must be reported when resulting in death, injury, or damage over --
Prince Edward Island	April 10, 1930	All
Nova Scotia	Sept. 1, 1932	\$50
New Brunswick	Jan. 1 - Apr. 1, 1932	\$50
Quebec	-----	All
Ontario	Sept. 1, 1930	\$50
Manitoba	April 8, 1930	Upon request
Saskatchewan	May 1, 1933	\$50
Alberta	June 1, 1933	\$25
British Columbia ...	Sept. 1, 1932	\$25

Table 19.

SPEED IN OPEN COUNTRY

Province	Passenger Cars	Trucks	
		Loaded	Empty
	m.p.h.	m.p.h.	m.p.h.
P.E. Island	Careful and prudent	15	15
Nova Scotia	Reasonable and proper 40	Reasonable and proper- Over 4 tons gross - 25	
New Brunswick	40	25	30
Quebec	30	12	15
Ontario	35	Pneumatic tires - up to 8 tons 35	
		over 8 " 20	
		Solid tires 15	
Manitoba	Careful and prudent	35	35
Saskatchewan	When passing - 35	25	35
Alberta	30	30	30
British Columbia	/ 30	/ 30	/ 30
/ Or at rates prescribed by highway signs.			

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