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FINANCING OF MOTOR VEHICLE SALES IN CANADA, NOVEMBER, 1936

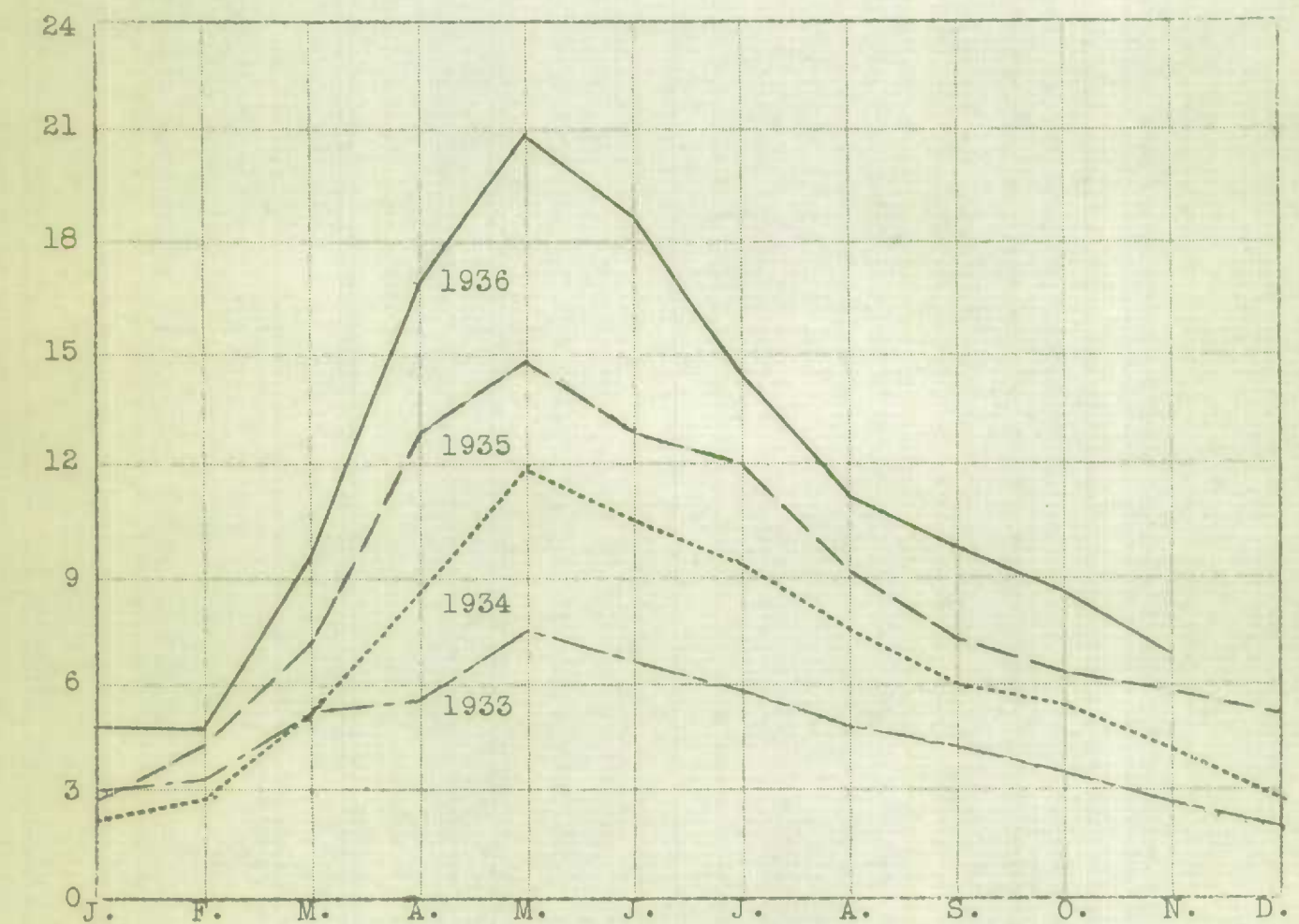
Moderate gains in financing of motor vehicle sales in Canada are shown for November as compared with the same month last year. There were 6,881 units financed to the extent of \$2,751,305, a gain over last year of 18 per cent in number and 20 per cent in amount. As compared with November, 1934, there was a gain this year of 65 per cent in number and 85 per cent in amount.

Cumulative totals for the eleven-month period of 1936 show that 126,643 new and used vehicles were financed for \$50,680,389, an improvement over 1935 of 33 per cent in both number and amount of financing.

New vehicles financed numbered 1,996, a 12 per cent gain over November, 1935, and only a 3 per cent drop from the October, 1936, level. Used vehicles, on the other hand, totalled 4,885, registering a 20 per cent increase as compared with November, 1935, and a 26 per cent decrease compared with October this year.

With the exception of Ontario, which shows a substantial gain, the volume of financing of new vehicles declined for all provinces compared with October. In the used vehicle field every province reported a drop from the October level. November totals of new vehicles by provinces, with figures for October in brackets, follow: Maritimes, 74 (93); Quebec, 324 (372); Ontario, 1,152 (903); Manitoba and Saskatchewan, 164 (235); Alberta, 141 (261), and British Columbia, 141 (196). The corresponding data for used vehicles is as follows: Maritimes, 336 (462); Quebec, 637 (937); Ontario, 2,556 (3,353); Manitoba and Saskatchewan, 480 (750); Alberta, 364 (514), and British Columbia, 512 (580).

Number of Motor Vehicles Financed in Canada, 1933 - 1936
(000's omitted)



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THE EFFECT OF TEMPERATURE ON THE RATE OF REACTION OF
SODIUM HYDROXIDE WITH ETHYL ACETATE

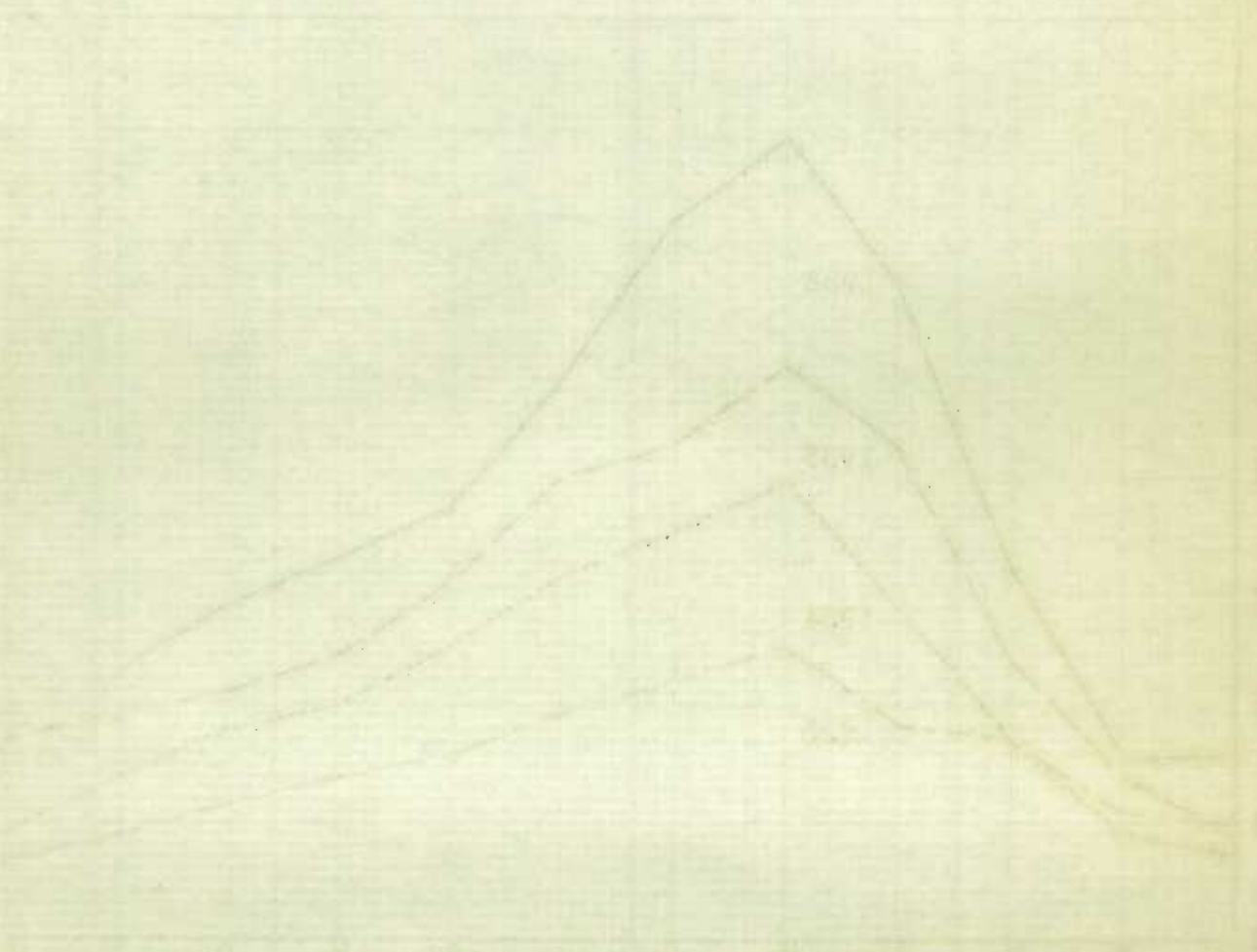
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ABSTRACT
The reaction of sodium hydroxide with ethyl acetate was studied at various temperatures. The rate of reaction was found to increase with increasing temperature. The activation energy for this reaction was determined to be 12.5 kcal/mole.

INTRODUCTION
The reaction of sodium hydroxide with ethyl acetate is a classic example of a bimolecular reaction. The rate of reaction is expected to be proportional to the concentration of both reactants. The present study was undertaken to determine the activation energy for this reaction and to compare the results with those obtained by other workers.

Fig. 1. Plot of $\log k$ versus $1/T$ for the reaction of sodium hydroxide with ethyl acetate. The straight line indicates that the reaction is of bimolecular character.



FINANCING OF MOTOR VEHICLE SALES IN CANADA, 1934 - 1936

(Figures for the current year are subject to final revision)

	Number of Vehicles				Amount of Financing			
	1934	1935	1936	% of Change 1935-36	1934	1935	1936	% of Change 1935-36

New Vehicles(x)

January	509	885	1,491	+ 68.5	\$ 363,847	\$ 651,272	\$1,035,878	+ 59.1
February	882	1,592	1,451	- 8.9	625,427	1,136,203	1,003,753	- 11.4
March	1,775	2,540	3,149	+ 24.0	1,221,058	1,756,967	2,177,433	+ 23.9
April	3,119	4,779	6,302	+ 31.9	2,109,794	3,250,246	4,250,685	+ 30.8
May	4,123	5,288	7,227	+ 36.7	2,852,630	3,668,725	4,932,173	+ 34.4
June	3,469	3,862	5,551	+ 43.7	2,469,193	2,669,173	3,954,222	+ 48.1
July	2,774	3,541	4,316	+ 21.9	1,910,377	2,531,943	3,098,442	+ 22.4
August	2,080	2,371	3,061	+ 29.1	1,430,933	1,692,405	2,203,440	+ 30.2
September	1,774	1,961	2,645	+ 34.9	1,513,041	1,428,316	1,885,754	+ 32.0
October	1,280	1,480	2,030	+ 39.2	960,492	1,096,937	1,519,272	+ 38.5
November	865	1,787	1,996	+ 11.7	636,603	1,242,813	1,448,743	+ 16.6
11 months	22,650	30,036	39,219	+ 30.5	15,908,555	21,125,000	27,512,798	+ 30.2
December	614	1,864			456,130	1,285,656		
12 months	23,264	31,950			16,364,735	22,410,656		

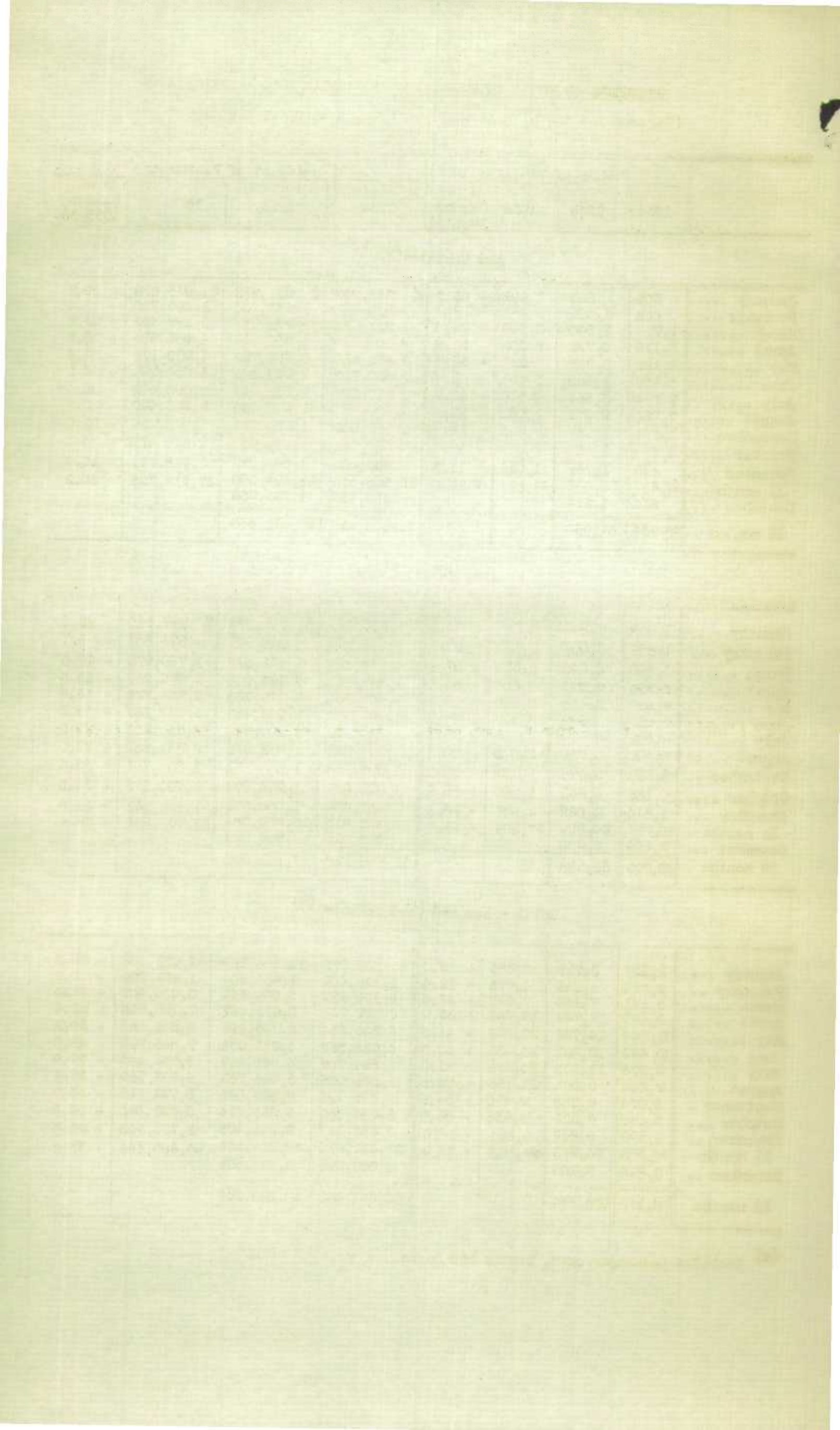
Used Vehicles(x)

January	1,648	1,844	3,394	+ 84.1	\$ 450,126	\$ 513,076	\$ 987,510	+ 92.5
February	1,852	2,657	3,324	+ 25.1	504,955	848,002	924,853	+ 9.1
March	3,396	4,645	6,639	+ 37.1	918,164	1,223,575	1,736,976	+ 42.0
April	5,373	7,970	10,684	+ 34.1	1,387,137	2,123,201	2,876,257	+ 35.5
May	7,630	9,442	13,622	+ 44.2	1,953,201	2,478,268	3,634,272	+ 46.6
June	7,023	8,959	13,102	+ 46.2	1,797,387	2,283,465	3,389,507	+ 48.2
July	6,602	8,424	10,158	+ 20.6	1,714,419	2,109,499	2,656,701	+ 25.9
August	5,422	6,710	8,075	+ 20.3	1,383,022	1,712,378	2,089,889	+ 22.0
September	4,200	5,324	7,185	+ 33.0	1,025,155	1,377,752	1,865,791	+ 35.4
October	4,186	4,843	6,596	+ 36.2	1,075,877	1,266,777	1,703,273	+ 34.5
November	3,314	4,062	4,885	+ 20.3	851,469	1,050,592	1,302,562	+ 24.0
11 months	50,702	64,886	87,394	+ 34.7	13,122,915	16,989,584	23,167,591	+ 36.4
December	2,204	3,342			605,813	942,024		
12 months	52,906	68,228			13,728,728	17,931,608		

Total - New and Used Vehicles(x)

January	2,157	2,729	4,385	+ 79.0	\$ 813,973	\$1,164,388	\$2,023,338	+ 73.8
February	2,734	4,249	4,775	+ 12.4	1,128,402	1,984,204	1,931,609	- 2.7
March	5,171	7,185	9,518	+ 32.5	2,139,222	2,980,542	3,914,409	+ 31.3
April	8,492	12,749	16,986	+ 33.2	3,496,931	5,373,447	7,126,942	+ 32.6
May	11,809	14,736	20,349	+ 41.5	4,805,834	6,146,993	8,536,445	+ 39.4
June	10,492	12,821	18,353	+ 45.5	4,266,585	4,955,638	7,343,729	+ 48.2
July	9,376	11,965	14,474	+ 21.0	3,624,796	4,641,442	5,755,143	+ 24.0
August	7,502	9,081	11,136	+ 22.6	2,866,005	3,404,783	4,293,329	+ 26.1
September	5,974	7,285	9,330	+ 34.9	2,395,196	2,806,068	3,751,545	+ 33.7
October	5,466	6,323	8,356	+ 36.9	2,006,369	2,363,714	3,222,545	+ 36.3
November	4,179	5,849	6,881	+ 17.6	1,488,157	2,293,405	2,751,305	+ 20.0
11 months	73,352	94,972	123,643	+ 33.4	29,031,470	38,114,584	50,680,389	+ 33.0
December	2,818	5,206			1,059,993	2,227,680		
12 months	76,170	100,178			30,091,463	40,342,264		

(x) Includes passenger cars, trucks and buses.



FINANCING OF MOTOR VEHICLE SALES IN CANADA BY PROVINCES

	October, 1936		November, 1936		Jan. - Nov., 1936	
	No. of Vehicles	Amount of Financing	No. of Vehicles	Amount of Financing	No. of Vehicles	Amount of Financing

New Vehicles (a)

		\$		\$		\$
CANADA	2,060	1,519,272	1,996	1,448,743	39,249	27,512,798
Maritimes	93	71,792	74	52,455	2,665	1,997,304
Quebec	372	304,448	324	242,702	7,554	5,697,860
Ontario	903	649,664	1,152	830,061	17,744	11,789,835
Man. & Sask. ...	235	157,864	164	107,451	4,654	3,163,767
Alberta	261	176,942	141	98,515	3,630	2,396,342
British Columbia	196	158,562	141	117,559	3,002	2,467,690

Used Vehicles (a)

		\$		\$		\$
CANADA	6,596	1,703,273	4,885	1,302,562	87,394	23,167,591
Maritimes	462	117,629	336	90,256	6,046	1,646,466
Quebec	937	269,972	637	185,075	14,024	3,991,766
Ontario	3,353	801,229	2,556	645,003	44,297	11,115,844
Man. & Sask. ...	750	198,149	480	134,742	8,176	2,199,817
Alberta	514	145,715	364	105,846	6,670	1,961,123
British Columbia	580	170,579	512	141,640	8,181	2,252,575

Total, New and Used Vehicles (a)

		\$		\$		\$
CANADA	8,656	3,222,545	6,881	2,751,305	126,643	50,680,389
Maritimes	555	189,421	410	142,711	8,711	3,643,770
Quebec	1,309	574,420	961	427,777	21,578	9,689,626
Ontario	4,256	1,450,893	3,708	1,475,064	62,041	22,905,679
Man. & Sask. ...	985	356,013	644	242,193	12,830	5,363,584
Alberta	775	322,657	505	204,361	10,300	4,357,465
British Columbia	776	329,141	653	259,199	11,183	4,720,265

(a) Includes passenger cars, trucks and buses.

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