

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
INTERNAL TRADE BRANCH
OTTAWA, CANADA.

Dominion Statistician:
Chief, Internal Trade Branch:
Statistician:

R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)
Herbert Marshall, B.A., F.S.S.
A.C. Steedman, B.A.

Vol. XIII - No. 6

Year's Subscription, \$1.00
Single Copies, .10

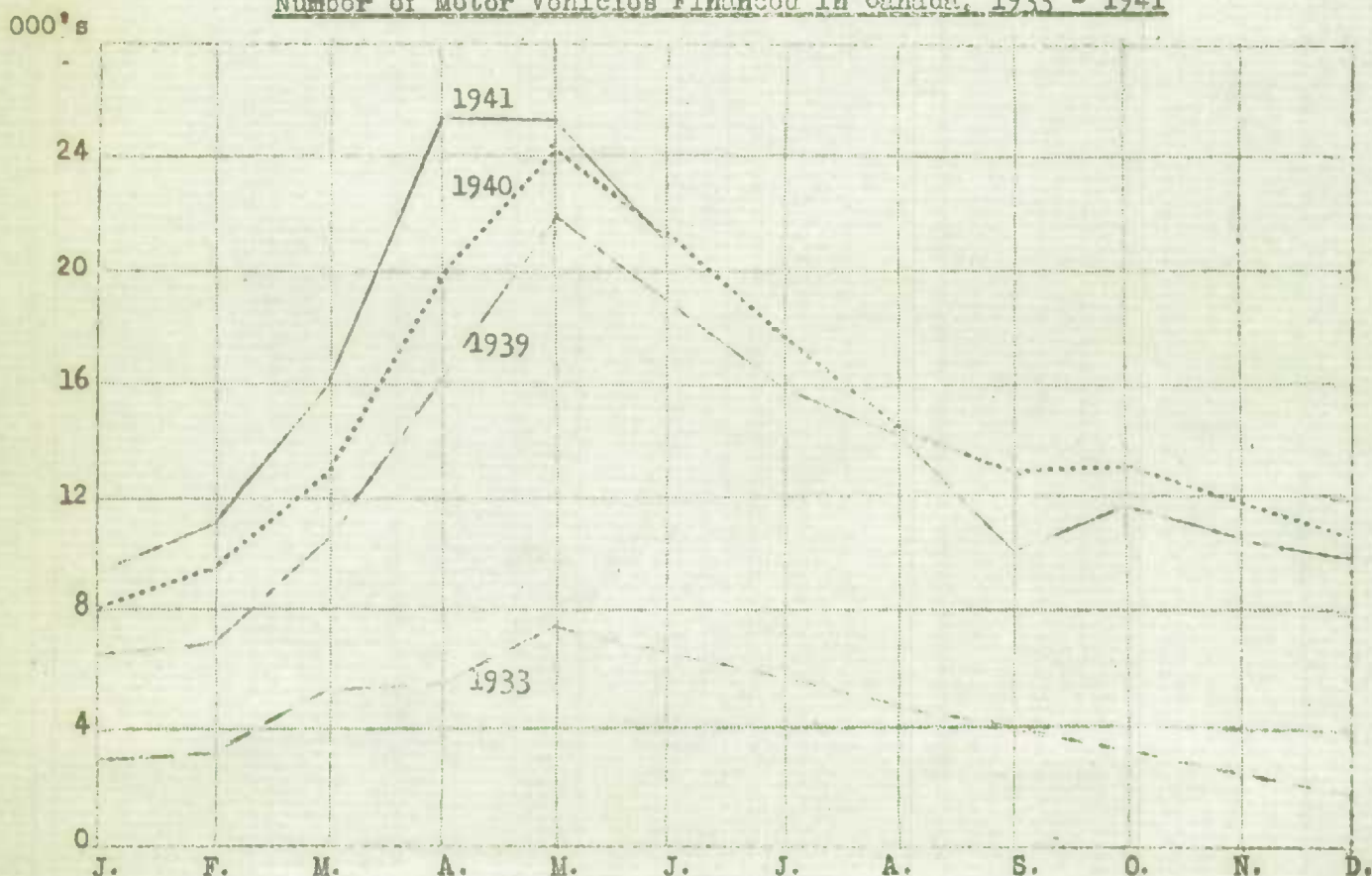
MONTHLY FINANCING OF MOTOR VEHICLE SALES IN CANADA, JUNE, 1941

The volume of financing of new and used motor vehicle sales in Canada in June, 1941, declined 1 per cent in number, but increased 9 per cent in amount of financing compared with June of last year. There were 20,930 units financed in the latest month for \$9,675,460, and 21,159 vehicles financed for \$8,840,117 in June, 1940. During the first half of the current year, 107,575 new and used vehicles have been financed for \$51,348,049, up 13 per cent in number and 25 per cent in dollar volume over the 95,345 transactions involving \$41,014,705 in the corresponding period a year ago.

Financing of new motor vehicles declined 18 per cent in number and 5 per cent in amount from June a year ago. There were 4,340 new vehicles financed for \$3,764,209 in June, 1941, while 5,292 units were financed for \$3,979,592 in the same month of 1940. Declines occurred in all regions of the country, but those shown for the western provinces were of greater proportions. A decrease of 30 per cent was reported for Alberta, while British Columbia recorded a falling off of 26 per cent. Combined figures for Manitoba and Saskatchewan revealed a drop of 18 per cent, closely followed by Ontario with a decline of 17 per cent. Quebec and the Maritime Provinces showed decreases of 12 and 7 per cent respectively.

Gains in financing were reported in the used vehicle field but these were much smaller than those recorded for earlier months. The number of units financed was 5 per cent higher than in June a year ago, while the increase in amount of financing in the same comparison amounted to 22 per cent, 16,590 units being financed for \$5,911,251 in the month under review, compared with 15,867 used vehicles with a financed value of \$4,860,525 in June, 1940. Gains over June, 1940, occurred in four of the six regions into which the country has been divided for the purpose of these statistical surveys. Alberta, with a decline of 11 per cent, and the Maritime Provinces, where volume was 9 per cent lower, were the two regions which reported decreases. Increases in other regions were as follows: 12 per cent in Ontario, 6 per cent in Manitoba and Saskatchewan combined, 3 per cent in British Columbia and 2 per cent in Quebec.

Number of Motor Vehicles Financed in Canada, 1933 - 1941



THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
5700 S. UNIVERSITY AVENUE
CHICAGO, ILLINOIS 60637
TEL: 773-936-3700
WWW.CHEM.UCHICAGO.EDU

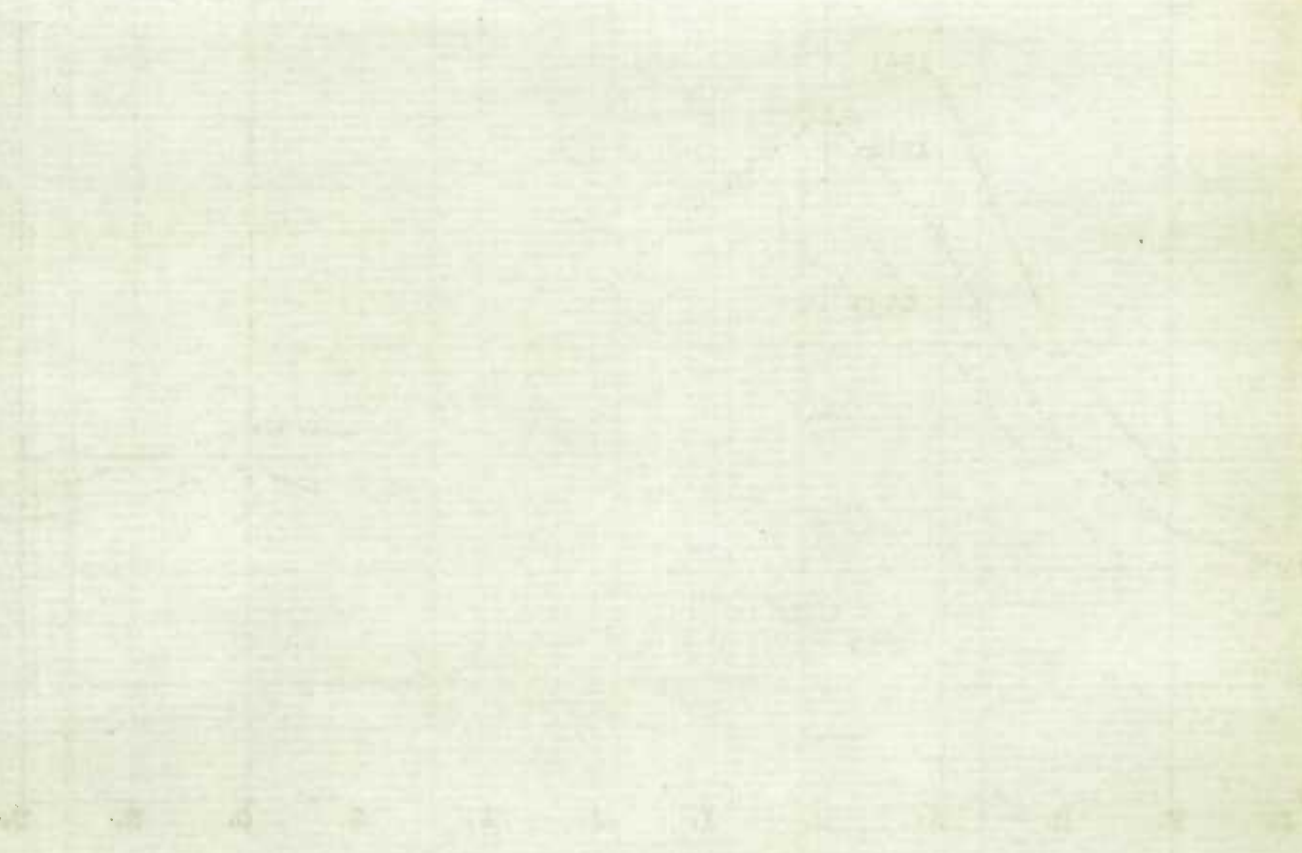
RESEARCH REPORT

The purpose of this report is to describe the results of the study conducted by the author. The study was designed to investigate the effect of temperature on the rate of reaction between hydrogen peroxide and potassium iodide. The reaction was carried out at various temperatures ranging from 10°C to 40°C. The rate of reaction was measured by the time taken for a fixed amount of iodine to be produced. The results show that the rate of reaction increases with increasing temperature. This is consistent with the Arrhenius equation, which predicts that the rate constant of a reaction increases exponentially with temperature. The activation energy of the reaction was determined to be 50 kJ/mol.

The data obtained from the experiment are as follows:

Temperature (°C)	Time taken for iodine production (s)
10	120
20	60
30	30
40	15

CONCLUSION



FINANCING OF MOTOR VEHICLE SALES IN CANADA, 1939 - 1941

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

Month	Number of Vehicles				Amount of Financing			
	1939	1940	1941	% of Change, 1941/40	1939	1940	1941	% of Change, 1941/40
New Vehicles(a)								
January	1,721	2,454	2,528	+ 3.0	1,247,446	1,834,988	2,137,869	+ 16.5
February	1,663	2,598	2,853	+ 9.8	1,271,563	1,963,864	2,454,932	+ 25.0
March	2,642	3,508	4,026	+ 14.8	1,963,902	2,590,162	3,352,549	+ 29.4
April	4,688	5,673	6,874	+ 21.2	3,372,364	4,201,559	5,664,658	+ 34.8
May	6,046	6,658	6,179	- 7.3	4,515,982	5,041,701	5,295,969	+ 5.0
June	4,209	5,292	4,340	- 18.0	3,246,659	3,979,592	3,764,209	- 5.4
6 months	20,969	26,193	26,800	+ 2.3	15,617,916	19,611,966	22,670,186	+ 15.6
July	3,145	2,845			2,405,739	2,301,572		
August	2,992	2,494			2,267,915	1,973,436		
September	2,405	2,477			1,793,221	2,015,926		
October	2,472	2,638			1,749,308	2,156,746		
November	2,618	2,962			1,908,245	2,571,930		
December	2,719	3,373			2,110,283	2,841,821		
12 months	37,320	42,982			27,852,627	33,473,397		
Used Vehicles(a)								
January	4,814	5,615	6,797	+ 21.1	1,562,067	1,793,219	2,407,151	+ 34.2
February	5,234	6,934	8,099	+ 16.8	1,648,774	2,223,756	2,890,020	+ 30.0
March	7,834	9,174	11,812	+ 28.8	2,386,624	2,820,514	4,127,736	+ 46.3
April	11,535	14,031	18,411	+ 31.2	3,540,931	4,316,435	6,530,068	+ 51.3
May	15,881	17,621	19,066	+ 8.2	4,832,390	5,388,290	6,811,637	+ 26.4
June	14,506	15,867	16,590	+ 4.6	4,259,442	4,860,525	5,911,251	+ 21.6
6 months	59,804	69,242	80,775	+ 16.7	18,230,228	21,402,739	28,677,863	+ 34.0
July	12,656	14,661			3,702,965	4,463,334		
August	11,202	12,145			3,354,598	3,740,564		
September	7,778	10,512			2,329,244	3,258,877		
October	9,228	10,576			2,710,322	3,312,672		
November	8,025	9,077			2,397,918	2,933,677		
December	7,094	7,383			2,190,844	2,650,533		
12 months	115,787	133,596			34,916,119	41,762,396		
TOTAL - New and Used Vehicles(a)								
January	6,535	8,069	9,325	+ 15.6	2,809,513	3,628,207	4,545,020	+ 25.3
February	6,897	9,532	10,952	+ 14.9	2,920,337	4,187,620	5,344,952	+ 27.6
March	10,476	12,682	15,838	+ 24.9	4,350,526	5,410,676	7,480,285	+ 38.3
April	16,223	19,704	25,285	+ 28.3	6,913,295	8,518,094	12,194,726	+ 43.2
May	21,927	24,289	25,245	+ 3.9	9,348,372	10,429,991	12,107,606	+ 16.1
June	18,715	21,159	20,930	- 1.1	7,506,302	8,840,117	9,675,460	+ 9.4
6 months	80,773	95,435	107,575	+ 12.7	33,848,144	41,014,705	51,348,049	+ 25.2
July	15,801	17,506			6,108,704	6,764,906		
August	14,194	14,639			5,622,513	5,714,000		
September	10,183	12,989			4,122,465	5,274,803		
October	11,700	13,214			4,459,630	5,469,418		
November	10,643	12,039			4,306,163	5,505,607		
December	9,813	10,756			4,301,127	5,492,354		
12 months	153,107	176,578			62,768,746	75,235,793		

(a) Includes passenger cars, trucks and buses.

Year	Month	Day	Event	Location	Notes
1890	Jan	1	...	...	...
1890	Jan	2	...	...	...
1890	Jan	3	...	...	...
1890	Jan	4	...	...	...
1890	Jan	5	...	...	...
1890	Jan	6	...	...	...
1890	Jan	7	...	...	...
1890	Jan	8	...	...	...
1890	Jan	9	...	...	...
1890	Jan	10	...	...	...
1890	Jan	11	...	...	...
1890	Jan	12	...	...	...
1890	Jan	13	...	...	...
1890	Jan	14	...	...	...
1890	Jan	15	...	...	...
1890	Jan	16	...	...	...
1890	Jan	17	...	...	...
1890	Jan	18	...	...	...
1890	Jan	19	...	...	...
1890	Jan	20	...	...	...
1890	Jan	21	...	...	...
1890	Jan	22	...	...	...
1890	Jan	23	...	...	...
1890	Jan	24	...	...	...
1890	Jan	25	...	...	...
1890	Jan	26	...	...	...
1890	Jan	27	...	...	...
1890	Jan	28	...	...	...
1890	Jan	29	...	...	...
1890	Jan	30	...	...	...
1890	Jan	31	...	...	...

FINANCING OF MOTOR VEHICLE SALES IN CANADA, BY PROVINCES

JUNE, 1940 and 1941

Province	Number of Vehicles			Amount of Financing		
	June 1940	June 1941	% Change 1941/40	June 1940	June 1941	% Change 1941/40

New Vehicles(a)						
CANADA	5,292	4,340	- 18.0	3,979,592	3,764,209	- 5.4
Maritime Provinces ...	373	348	- 6.7	299,066	311,456	+ 4.1
Quebec	890	784	- 11.9	747,516	773,624	+ 3.5
Ontario	2,023	1,670	- 17.4	1,457,373	1,432,798	- 1.7
Man. and Sask.	1,024	838	- 18.2	708,132	651,385	- 8.0
Alberta	637	444	- 30.3	470,422	346,857	- 26.3
British Columbia	345	256	- 25.8	297,083	248,089	- 16.5

Used Vehicles(a)						
CANADA	15,867	16,590	+ 4.6	4,860,525	5,911,251	+ 21.6
Maritime Provinces ...	1,327	1,208	- 9.0	408,735	412,365	+ 0.9
Quebec	2,365	2,400	+ 1.5	784,379	947,411	+ 20.8
Ontario	7,105	7,931	+ 11.6	1,985,362	2,625,908	+ 32.3
Man. and Sask.	2,240	2,365	+ 5.6	723,621	885,005	+ 22.3
Alberta	1,610	1,426	- 11.4	549,410	536,727	- 2.3
British Columbia	1,220	1,260	+ 3.3	409,018	503,835	+ 23.2

TOTAL - New and Used Vehicles(a)						
CANADA	21,159	20,930	- 1.1	8,840,117	9,675,460	+ 9.4
Maritime Provinces ...	1,700	1,556	- 8.5	707,801	723,821	+ 2.3
Quebec	3,255	3,184	- 2.2	1,531,895	1,721,035	+ 12.3
Ontario	9,128	9,601	+ 5.2	3,442,735	4,058,706	+ 17.9
Man. and Sask.	3,264	3,203	- 1.9	1,431,753	1,536,390	+ 7.3
Alberta	2,247	1,870	- 16.8	1,019,832	883,584	- 13.4
British Columbia	1,565	1,516	- 3.1	706,101	751,924	+ 6.5

(a) Includes passenger cars, trucks and buses.

