THE DOMINION OF CANADA THE DEPARTMENT OF RAILWAYS AND CANALS

## HIGHWAYS BRANCH

Circular No. 4

## MOTOR VEHICLE

REGISTRATIONS, LICENSES, REVENUES, FEES, ETC.

AND
STATISTICS OF ENTRIES INTO CANADA FOR TOURING PURPOSES DURING

1922


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## INTRODUCTION

The motor vehicle is now responsible for a radical change in designs of highways and roads, compared with those serving only or principally animaldrawn vehicular traffic. Hence, departmental and municipal officials responsible for designing and financing the trpes of construction on the common or rural highways in the different provinces, which are to sustain modern traffic, must have regard not only to its character, but also to its numbers, relative density, permissible rates of speed, and gross tonnages. This publication is being isstred to emale such officinls and others interested in the atomotive traffic to have a ready reference in these particulars as far as information is available from the different provincial departments in charge of the registrations of motor vehicles.

The total registrationg of motor vehicles in the Dominion last year, was 514,657 . This number includes not only all elasses of pasisenger automobiles, touring, roadster, sedan, ete., commercial of different eapacities, and motor cycles, but also the total number of dealers in these vehicles. The reason for including dealers in the total of cars recistered in the Dominion is that it is assumed that one vehicle of the stock in hand by each doaler is being used more or less constantly for demonstration purposes on the highways of the different provinces. The increase in registrations in 1922 over 1921 was 10.9 per cent, which is less than the increase in 1921 over 1920 , being 11.7 per cent. The decrease in production of motor vehicles in 1921, is thus reflected in the total registrations in the different provinces in the following year.

On page 8 are given the riventes by provinces from regis! rations of motor velucles and liecnse fees. The gross totals of revenues from this source in the Dominion of Canada last year amounted to $\$ 4.279,243.02$, an increase of 21 per cent over the preceding year. It will be ohserved that practically the entire amount of this sum is devoted to raising capital funds or for curront expenditures, in highway construction and improvement by the diffor nt provincial Denartments of Highways. For example, in the province of Ontario, $\$ 2.000,000$ from this source is capitalized to provide a capital fund of $\$ 20.000,000$, rased as bonds are issucd from time to time; and, the balance of its revenues from motor vehieles is applied to the Highway Improvement Fund of the province.

The importance of the various industries engaged in the manufacture of automobiles and accessories in Canada in relation to future needs of the nation for improved roads, population, trade and commerce, ete., ean hardly be overestimated. According to data ohtained in co-operation with the Dominion Bureau of Statistics, there were manufactured in Canada in 1922, 101,058 automobiles, valued at $\$ 72,170,976$. The eapital investment in this industry, in plant and supplies, was $\$ 47,874,019$. The nvorage number of employees engaged in the manufacture of these vehicles, was 7,413 ; and their average monthly pay-roll was $\$ 94,838$, or $\$ 11,326,056$ per year.

On page 14 is given a statement of the amount and number of fines collected by courts of justice in the different provinces for infractions of motor vehicular legislation. This information was compiled by the courtesy of the Dominion Bureau of Statisties. As yet, however, it is impracticable to distinguish the different classes of such infractions, and the amounts of fines for each.

A notable increase will be observed on page 17 in the number of tourists from the United States entering Canada, at border points, in 1922, as reflected in the total registrations of owners of motor vehicles. The number of owners registering in 1922 for a period of one to six months was 2,420 ; for a period of two to thirty days, was 175,535 ; and for a period of twenty-four hours or less, was 818,374 . The grand total of registrations for touring purposes for varying periods of time, was 996,329 . Assuming that each car carried four persons, the total number of persons entering Canada from the United States, for touring purploses, in 1922, was $3,085,316$.

Cultivation of tourist traffic rould appear to be a matter worthy of the most serious consideration, not alone of the imumerable districts having seenic attractions, but also of every constiluted authority in the Dominion. It would appear that a policy of mutual co-operation with a view to taking all steps necessary to raise the tourist industry to an established plane of aetivity, and to invest it with the mantle of govermmental encouragencent, would be highly advantageous in the public intcrest, in all provinees. The relation of improved highways to motor toutist traffic is obvious.

The Department of Customs of the Federal government has also kindly co-operated with a view to securing information as to the number of Canadian motorists from the different provinces entering the United States. Information is not presently available concerning periods of time during which the 100,810 Canadians registered for admission for touring purposes by motor into the United States last vear.

A. W. CAMPBELL<br>Chicf Commissioner



NEW REGISTRATIONS OF MOTOR VEHICLES


* Includes 308 registered in Canudian National Parks, Alberta.
t Includes 17 registered in Canadian National Parks.e . C.
- Estimating the registration of trucks in Saskatchewan at 1,500, the total registration in the Dominion of motor trucks was 45.709 in 1922.
$\$ 1921$.


*Family permits. 6,652. Sales representatives, 225 .
†Statute provides:-"The Minister of Roads may prohibit passage aver a public road for such period of time as he may think necessary, either for work to be done on such road or to protect it while thawing out, or during a raing period. During such period, no motor vehicle or vehicle drawn by animals shall pass over the prohibited road. When prohilition is on sccount of thawing or during a rainy period, the following may pass: letter carriers; pleasure vehicles, at a speed not exceeding sixteen miles an hour; and vehicles, not laden, drawn by animsis."


## REVENUES FROM MOTOR VEHICLE REGISTRATIONS-PER VEHICLE-APPIICATION-PERSONS PER VEHICLE-BY PROVINCES

| Provinces | Total registration | Total revenucs, registrations and licenses* | $\begin{gathered} \text { A verage } \\ \text { per } \\ \text { car } \end{gathered}$ | Application | Proportion expended by Highway Department | Population by census 1021 | $\begin{aligned} & \text { Persons } \\ & \text { per } \\ & \text { yehicle } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alberta. <br> British Columbia | $\begin{aligned} & 40,642 \\ & 3+1,0 \end{aligned}$ | $\begin{aligned} & 716,873 \\ & 897,075 \\ & 14 \end{aligned}$ |  | Construction and repair road accounts. <br> Construction and repsir roud secounts. | All of net ufter administration. | $\begin{aligned} & 588,454 \\ & 524,582 \end{aligned}$ | 14 15 |
| Cun. Nat. Parks Manitoba. | 42, $20 \pm$ |  | $13 \%$ | Consolidated revenue fund of Canads Highway debentures, sinking fund | $\begin{aligned} & \text { nil } \\ & 100 \text { per cent } \end{aligned}$ | 812,677 | 15 |
| New Brunswick | 13,736 | 302,323 14 | 2201 | Highway debentures, sinking fund | All of net after administration | 387, 876 | 28 |
| Nova Scotia. | 16, 15 | 426.62534 | - 2640 | Highway debentures, sinking fund and interest. | All of net after administration. | 523,837 | 33 |
| Ontario | 241,839 | 3.477.430 13 | - ${ }^{-1438}$ | Highway ildentures, sinking fund | Sll of net after administration. | 2,035, 153 | 12 |
| Prince Eilward Island. | 2,167 | 46,801 20 | 215 | Highway debentures sinking fund and interest. | All of net ufter administration. | 88,615 | 41 |
|  | 62,08i | 1,979,470 37 | 3185 | Highway loans, sinking fund and | Alt of net after administration | 2,359.795 | 38 |
| Suskatchewan Iukon. | $\begin{array}{r} 61,367 \\ 85 \\ 8 \end{array}$ | $\begin{gathered} 846.355 \\ 911 \\ 911 \\ \hline 0 \end{gathered}$ | $\begin{aligned} & 13 \\ & 10 \\ & 10 \\ & 72 \end{aligned}$ | Consolidated revenue of province General fund of territory | All voted by legislature, for roads | $\begin{array}{r} 757,271 \\ 4,162 \end{array}$ | 12 |
| Canadu. | 514, 65\% | 9,279,243 02 | 2180.3 |  |  | 8, 782, 422 | 17 |

*Licenses renewahle in all provinces on Jan. 1, exeept in Quehec and in Yukon: former March 1st, and latter, July 15th.
** Revenue for fischl sear ending Octuber 31st, 1922.


- Inclucles all trucks up to and including 2 ton capacity
$\phi$ Classiticution of 1821 , and includes 30 e'ectric and $\$ 1$ fire-trucks.
+ Estimated

MOTOR VEHICLE REGISTRATIONS AND LICENSES FEES IN FORCE, 1922


LIMITS OF SPEED FIXED BY PROVINCIAL STATUTES FOR MOTOR VEHICLES, AS ON MARCH 31 st, 1822.

| Provinces | Open Country | Open country view not clear | Where closely built up | Cities, towns and villages | Where view not clear |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Miles per hour | Miles per hour | $\begin{aligned} & \text { Miles } \\ & \text { per hour } \\ & 20 \end{aligned}$ | $\begin{array}{r} \text { Miles } \\ \text { per hour } \\ 10 \end{array}$ |
| Alherta British Columbia | Reasonable, having regand to traffic and use of highway 30 miles per hour | 15 |  | 20 15 | 10 |
| Canadian Nat. Parks | Reasonable and proper, having ragard to traffic and use of highway. Maximum 25 miles. |  |  | 15 | 8 |
| Manitaba. <br> New Itrunswick | Reasonable, having regard to traffic and use of highway f |  |  | 15 | 10 |
| New Irunswick Nova Scotia. | Reasonalle, having regard to traffic and use of highway 25 miles per hour. | 15 |  | 15 |  |
| Ontario. | Truck exceeding 41 ton gross, 6 miles per hour. 25 miles per hour | $12 \frac{1}{3}$ |  | 20 | 10 |
|  | Truck exceeding 4 tons, 10 miles per hour. Truck exceeding 6 tons load, 8 miles per hour. |  |  |  |  |
| Prince Fdward Island. | 15 miles per hour. ......................... | 12 | 12 | 10 |  |
| Queher. | 30 miles per hour......** |  | 16 | 20 | 8 |
| Gaskatchewan Yukon | Dangerous to public...... . . . . . . . . . . . . . . . . |  |  |  |  |
| Yukon. | Reasonable and proper...................... |  |  | 15 |  |

*When traffic is heavy, 10 miles per hour.
**In the case of a commercial vehicle, speeds are reduced to the following rates:-

| Tires | Gross Weight | Rate |
| :---: | :---: | :---: |
| Pneumatic | Not exceeding 6.000 lbs , | 20 miles |
|  | Not exceeding 12.000 ". | . 15 |
| Non-preumatic | Exreerling - . 12.000 | 12 |
|  | Not exreeding 12,000 " | 10 |

In the case of an autobus, speeds are reduced to sirteen miles per hour.
In certain municipalities, 20 miles per hour.

## THE CRIMINAL CODE AND MOTOR VEHICLES

The provisions of the Criminal Code of the Dominion, having particular relation to motor vehicles, are as follows:-

Injury from furious driving.

Driver to stop after aecident.

Every one is guilty of an indictable offence and liable to two ycars' imprisonment, who, having the charge of any carriage ormotorvehicle, automohile or other vehicle, by wanton or furious driving, or racing or other misconduct, or by wilful neglect, does or causes to be done, any bodily harm to any person. Section No. 285.

Whenever, owing to the presence of a motor car on the highway, an accident has occurred to any person, or to any horse or vehicle in clarge of any person, any person driving the motor car shall be liable on summary conviction to a fine not exceeding fifty dollars and costs, or to imprisonment for a term not exceeding thirty days, if he fails to stop his car, and with intent to escape liability, either civil or criminal, drives on without tendering assistance, and giving his name and address. Section No. 285a.

Theft of use. Every one who takes or causes to be taken from a garage, stable, stand or other building or place, any automobile or motor car with intent to operate or drive or use or cause or permit the same to be operated or driven or used, without the consent of the owner shall be liable on summary conviction to a fine not exceeding five hundred dollars and costs, or to imprisonment for any term not exceeding twelve months or to both fine and imprisonment. Section No. 285 b,

## Theft of car.

 motor car shall be sentenced to not less than one year's imprisonment. The provisions of subsection one of section one thousand and thirtyfive shall not apply or extend to any such person, and sentence in any such case shall not be suspended without the concurrence of the Attorney-General or his agent, or of the counsel acting for the Crown in the prosecution of the offender. Section 377A.*Section 377A was amended by Section 4, Chap. 16 12-13 George V, (1922), providing a maximum penalty of seven years for first offence, and ten years for a subsequent offence, as provided by section 386 of the Code.

Every one who while intoxicated drives any motor vehicle or automobile shall be guilty of an offence and liable upon summary conviction for the first offence to a term not exceeding thirty days, and not less thian seven days, for a second offence, for a term not exceeding three months and not less than one month, and for each subsequent offence for a term not exceeding one year and not less than three months. Section No. 285 c .

[^0]ADMINISTRATIVE PROVISIONS OF MOTOR VEHICLE LEGISLATION IN THE PROVINCES, IN FORCE JANUARY 2, 1922


NUMBERS AND AMOUNTS OF FINES FOR INFRACTIONS OF MOTOR VEHICLES ACTS, BY PROVINCES DURING 1922

| Province | Number | Total | Average |
| :---: | :---: | :---: | :---: |
| Alberta. | 1,823 | \$13.200 | \$ 724 |
| British Columbia | 3,562 | 25,200 | 707 |
| Manitoba | 3,697 | 33, 100 | 898 |
| New Brunswick | 275 | 2,300 | 836 |
| Nova Scotia. | 252 | 2,500 | 992 |
| Ontario. | 23,005 | 172,200 | 748 |
| Prince Edward Island | 26 | 600 | 2308 |
| Quebec. | 2,993 | 53,600 | 1790 |
| Saskatchewan | 869 | 7,300 | 753 |
| In Canada. | 36,592 | \$310,000 | 8847 |

Comparalive Regisirations of Motor Vehicles
in all Provinces of Canada


## EXPORTS OF CANADIAN AUTOMOBILES FHOM CANADA*

Year ended December 318t, 1922

| Countries | Passenger |  | Freight |  | Parts |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | No. | Value | No. | Value | Value |
|  |  | \$ |  |  | \% |
| Aden.......... | -18 | $7.218$ | 8 | 3,60i | 4. 021 |
| Argentine Republic. Australia......... | 2.105 10,868 | $\begin{aligned} & 1,350,099 \\ & 5,413,94! \end{aligned}$ |  |  | 80,601 597,193 |
| Australia. | 10,868 | $5,413,949$ 1,395 | 1,574 | 662.549 | 597, 183 |
| Azores and Madeira |  |  |  |  |  |
| 13. W.I.-13arbados. | 23. | 12, 40 | 1 | 1,790 | 365 |
| Belcium. | 33.5 | 266, 704 |  |  | 3,254 |
| Bolivia | 4 | 3.634 |  |  | 790 |
| Irazil. | 244 | 188.122 |  |  | 12,679 |
| Mritish Latst Africa. | 127 | 50.671 | 27 | 11, 120 | 26, 126 |
| Mritish South Africa | 2,775 | 1,386.312 | 234 | 96.705 | 138.009 |
| British West Arrica British Ciniana.... | 1 | 2-. 008 | 1 |  | 13.428 |
| British Indiar | 1.098 | 994.94.5 | 154 | 68,218 | 200,901 |
| 13ritish Last Indics. | 36 | 10,381 |  |  |  |
| British Wiest Indlies | 17 | 15.338 |  |  | 391 |
| British Oecania. | 4 | 1,643 | 1 | 334 | 227 |
| Canary Islands | 15 | 10.276 |  |  | 187 |
| Ceylon | 277 | 121,116 | 77 | 30.391 | 14,646 |
| Chili. | 22 | $20.64{ }^{\text {c }}$ |  |  | 899 |
| (hina | 138 | 120.867 | . . . . |  | 1,261 |
| Colombia | 19 | 18,134 |  |  | 624 |
| Custa Mica. | 8 | 8.184 |  |  | 185 |
| C'uba. | 38 | 35.268 |  |  | 1010 |
| Denmark | 79 | 68, 928 |  |  | 0,813 |
| Duteh (iulana | 11 | 5.940 |  |  | 67 |
| Dutch West Indies | 1 | 840 |  |  | 39 |
| Wetch Erat Indies | 6.0 | 325. 670 | 51 | 22.428 | 80, 500 |
| Eeusdor | 1 | 1.29.5 |  |  | 316 |
| Egypt. | 72 | 37.448 |  |  | t0í |
| Exthonis |  | 1.817 | 4 |  |  |
| Fialand | 5 | 2.050 |  | 1,136 | ${ }^{8} 8$ |
| France. | 1 | 1,500 | . |  | 11.1817 |
| Freneh fitiana. |  |  | ... |  | 62 |
| French Oceanis | 5 | 1,969 |  | . | 452 |
| French West Indies | 10 | 7.384 | . | . . . . | $\stackrel{6}{6}$ |
| Gambis. |  |  |  |  |  |
| Germany | 1 | $\begin{gathered} 2.796 \\ 1,3: 8 \end{gathered}$ |  |  | 80 |
| Grold Comst. | 3 B | 14,229 |  |  | 11.25s |
| (iruece | 12 | 9,8105 |  |  | 2 F 4 |
| (fuatemala | 18 | 14.716 |  |  | 323 |
| Huyti | 8 | 6. $\overline{5} 31$ |  | . .... | 45 |
| Honduras. | 4 | 4,667 |  |  | 57 |
| Hong Kung | 23 | 21.783 |  |  |  |
| Italy. | 6 | 6,532 |  |  | 1,645 |
| Jumaica | 73 | 63, 4010 |  |  | 1,537 |
| Jupan | 184 | 147, 740 |  |  | 827 |
| Lithuania | 2 | 2,48ı |  |  |  |
| Multa | 21 | 13,12.) |  |  | 60 |
| Mexico. | 147 | 156,94.5 |  |  | 2, 28\% |
| Moroceo. | 32 | 17,223 |  |  | 500 |
| Netherlands. | 182 | 128.750 |  |  | 1,0il |
| Newfoundland | 41 | 26,712 | 2 | 1,020 | 5,043 |
| New Zealand. | 2,848 | 1,504, 172 | 216 | 90,912 | 91), 684 |
| Nigeria. |  |  |  |  | 4. 40 |
| Norway | 142 | 114,587 |  |  | 2,34.2 |
| Punama | 7 | 9,383 |  |  | 84 |
| Persia |  | ...... | . |  | 250 |
| Perus. |  |  |  |  | 8.3 |
| Poland and Danzig. |  |  |  |  | 2 |
| Portugel. | 22 | 27,180 |  |  | 171 |
| Portuguese Africa. | s | 5,:22 |  |  | 173 |
| Russia. | 1 | 1,068 |  |  |  |
| Salvador | 17 | 17.741 |  |  | 820 |
| Sin Domingo. | 13 | 13,820 |  |  | 1.485 |
| Biam. . . . . . . . . . . . . . . . . | 20 | 9,781 | 25 | 10,350 | 10,097 |

## EXPORTS OF CANADIAN AUTOMOBILES FROM CANADA-Concluded

Year ended Degember 31bt, 1922-Concluled

| Countries | Passenger |  | Fireight |  | Parts |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | No. | Value | No. | Value | Value |
|  |  | \$ |  | \$ | \$ |
| Sjerra Leone. |  |  |  |  | 480 |
| Spain........ | 403 | 383,389 |  |  | 6.985 |
| Strait, Settlements.... | 188 | 76.491 | 36 | 16, 158 | 45, 9.91 |
| St. Pierre and Miquelon Sweden............... | 269 | 629 327,219 |  |  | + 2,809 2,808 |
| Switzerland | 76 | 65,.068 |  |  | 1,007 |
| Syria | 44 | 38,868 |  |  | $4 \times 7$ |
| Trinidad and Tobago | 29 | 27,689 |  |  | 1,4,3 |
| Turkey | - 22 | 14.251 |  |  | 488 |
| Unitel Kingdom. | 9,867 | 7,051,544 | $14 \%$ | \%3.634 | 441,147 |
| United States | 138 85 | 74.263 <br> 85 | 6 | 4,180 | 80,592 |
| Venczuela | 73 | 57.702 |  |  | 1,282 1,596 |
|  | 35,054 | 21,059.574 | 2,564 | 1,004,519 | 1,926,098 |

[^1]
## Comparison of Exporfs of American \& Canadian made Passengéer cars \& Trucks during 1922.



REGISTERED AUTOMOBILE TOURISTS AND PARTIFS
Statement showing Numbers of Owners of Motor Vehicles Registering for Admittance into Canada and from Caneda into the United States lor Touring Purposes.

|  | Into Canada |  |  |  | Into Canada |  |  |  | Into Canada |  |  |  | $\begin{aligned} & \text { Into } \\ & \text { Uniter } \\ & \text { States } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Period One to Six Months |  |  |  | Period Two to Thirty Days |  |  |  | Period Twenty-four Hours or less |  |  |  |  |
|  | 1919 | 1820 | 1921 | 1922 | 1919 | 1820 | 1821 | 1922 | 1819 | 1820 | 1921 | 1922 | 1922 |
| Alberta. | 30 | 21 | 22 | 23 | 175 | 232 | $3 \times 1$ | 439 |  |  |  |  | 280 |
| 13ritish Columbia | 90 | 13 | 26 | 29 | 15,127 | 18.411 | 25,931 | 35, 107 |  |  | 3,134 |  | 27,857 |
| Manitoba | 58 | 4 | 6 | 10 | 952 | 1,971 | 8,014 | 4,259 |  |  |  | 6.407 | 959 |
| New Brunswick | 61 | 45 | 89 | 94 | 934 | 1,359 | 1,737 | 2,300 |  |  |  |  | 26.8 |
| Nova Scotia..... | ${ }^{26}$ | 48 | 49 | \% 61 |  |  |  | -630 |  |  |  |  | 18 |
| Ontario................ | 794 | 1,479 75 | 1.710 230 | 1.818 | 23.979 17.608 | 36,981 33,360 | 49,096 43,034 | 76, 112 | 177,646 | 439,414 | 487, 753 | 804.996 6,971 | $\begin{aligned} & 42,200 \\ & 29,104 \end{aligned}$ |
| ${ }^{\text {Preb }}$ (rince Edward Island | 98 2 4 | $\begin{array}{r}75 \\ -3 \\ \hline\end{array}$ | 230 19 | $\begin{array}{r}327 \\ \hline 8\end{array}$ | ${ }^{17} \mathrm{Nil}^{\text {Nil }}$ | $\begin{array}{r} 33,360 \\ 3 \\ 0 \end{array}$ | 43, 034 |  |  |  |  | 6,971 | $29,104$ |
| Saskatchewan. | 43. | 55 | 61 | 52 | 232 | 2 22 | 366 | 445 |  |  |  |  | 126 |
| Totals. | 1.202 | 1.744 | 2.212 | 2,420 | 59, 105 | 92, 687 | 128, 606 | 175,535 | 177.646 | 439,414 | 490,887 | 818,374 | 100,810 |



1010746965


[^0]:    * According to section 1035 here referred to, a person convieted of an indictable offence punishable with imprisonment for five years or less, might in licu of any punishment otherwise authorized, be fined. But now there is no option in the cuse of a mutor vehicle.

[^1]:    * Dominion Bureau of sitatistice

