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DOMINION BUREAU OF STATISTICS

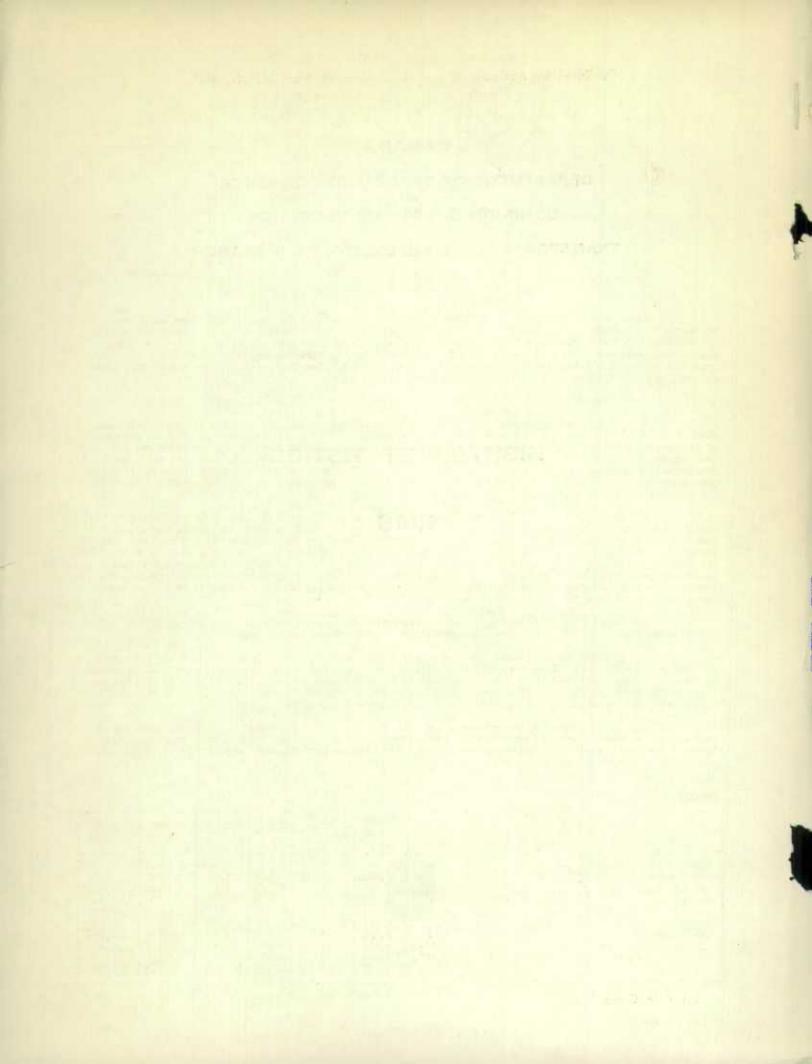
TRANSPORTATION & PUBLIC UTILITIES BRANCH

HIGHWAY STATISTICS

1945



Price 25 Cents 20-1700



DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

Dominion Statistician, HERBERT MARSHALL

Chief, Transportation and Public Utilities Branch, G.S. Wrong

HIGHWAY STATISTICS

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Statistics of highways were included with those of motor vehicles in previous years but because of the delay in securing highway data in relation to motor vehicle data, the report for 1945 on motor vehicles was compiled and issued some months ago. Data for this report were taken from schedules filled in by the federal and provincial officials having jurisdiction over highway construction and maintenance, with the exception of data for Prince Edward Island. No report was received from that province, and consequently 1944 mileages and expenditures as shown in the public accounts were used.

The allocation of provincial debt for highway purposes has been on a somewhat arbitrary basis and some of the officials have been reluctant to make the estimate. For 1945 the data were not sumplied for some of the provinces and the table is dropped from this report. The large expenditures on highways during the past twenty five years have been one of the chief causes in the increase in provincial debt, and until the development is such that highway construction is paid for out of current revenues and the debentures issued for past construction have matured and been retired, highway construction expenditures will undoubtedly constitute a large portion of provincial debt.

All rural roads in Prince Edward Island, Nova Scotia and New Brunswick are under provincial jurisdiction and the rural municipalities contribute towards their construction and maintenance. In Quebec the improved roads are constructed and maintained by the province. In Ontario trunk roads are the responsibility of the province and the province subsidizes the counties and township for expenditures by them on local roads. In the western provinces all the main highways are constructed and maintained by the provinces. The Dominion Government constructs and maintains roads in the national parks and all bridges over navigable streams. Consequently the expenditures included in this report represent practically all expenditures in Canada and rural roads, bridges and ferries.

The provincial and federal expenditures are for their respective fiscal years ending closest to December 31, 1946. The county and township expenditures in Ontario are for the celendar year.

The National Harbours Board operates a toll bridge across the St. Lawrence at Montreal and across the Narrows at Vancouver. There are three other toll bridges in Quebec, one operated by a municipality and two by companies. There were also toll ferries and bridges in Nova Scotia, New Brunswick and British Columbia and a toll road in British Columbia. The total revenue collected by these amounted to \$1,621,824, exclusive of ferries operated by companies and international bridge, ferry and tunnel companies.

The subsidies paid by the provinces and contributions by municipalities are shown as additions or subtractions to total provincial and municipal expenditures under the heading "Subsidies". The expenditures by "Others" are almost entirely contributions by railways for crossing improvements. Expenditures by urban municipalities on streets and sidewalks are included in table 111.

Table 1

HIGHWAY MILEAGES, 1945

Province	Portland Cement Concrete	Bitum- inous Pavement	Bitum- inous Surface	Gravel Crushed Stone	Other Surfaces	Total Surfaced Road	Improved Earth	Other Earth	Total Mileage
Prince Edward Island 1/	4	205		242	_	451	2,352	903	3,706
Nova Scotia	7	902	33	6,048	-	6,990	3,207	4,907	15,104
New Brunswick	-	-	977	7,681	-	8,658	2,670	984	12,312
Quebec	333	3,176	974	18,703	-	23,186	-	16,590	39,776
Ontario	2,091	2,212	3,406	49,425	-	57,134	9,058	6,809	73,001
Manitoba	37	-	509	8,385		8,931	8,171	2/74,236	91,338
Saskatchewan			132	8,529	76	8,737	72,031	132,118	212,886
Alberta	-	90	644	6,922	-	7,656	14,967	59,114	81,737
British Columbia	41	114	1,452	8,056	47	9,710	9,765	2,680	22,155
Total	2,513	6,699	8,127	113,991	123	131,453	122,221	298,341	552,015

1/ 1944 mileage.

2/ Includes all road allowances.

EXPENDITURES ON HIGHWAYS, 1945

	Canada	Prince Edward Island	Nova Scotia	New Brunswick	
	\$	\$	\$	\$	
Roads			4 1		
Construction	28,350,266 45,748,872 2,697,307	416,195 594,661 56,673	531,843 3,384,673 300,909	2,440,762 2,454,737 50,000	
Total	76,796,445	1,067,529	4,217,425	4,945,499	
Bridges and Ferries		No. of Land			
Construction	3,829,461 3,231,073 287,733	70,564 85,421	22,235 541,693 47,971	379,923 496,162 22,418	V.
Total	7,348,267	155,985	611,899	898,503	
Footpaths and Sidewalks	20,045		_	-	
GRAND TOTAL	84,164,757	1,223,514	4,829,324	5,844,002	
Dominion Expenditures Construction	702,403 343,301 27,877 Nil	1,612 260	22,38 <u>1</u> 989	1,441	
Total	1,073,581	1,872	23,370	1,441	
Provincial Expenditures Construction	27,403,325 36,202,616 2,950,231 + 6,980,095	486,759 678,470 56,413	530,341 3,903,985 340,959	2,820,685 2,949,458 72,418	
Total	73,536,267	1,221,642	4,775,285	5,842,561	
Municipal Expenditures Construction	4,085,406 12,432,118 - 7,075,745		23,737 6,932		
Total	9,441,779	-	30,669		
Expenditures by Others	113,130				
GRAND TOTAL	84,164,757	1,223,514	4,829,324	5,844,002	
Total Expenditures Construction	32,191,134 48,995,515 2,978,108	486,759 680,082 56,673	554,078 3,933,298 341,948	2,820,685 2,950,899 72,418	
Toll Bridges - Ferries and Roads Revenues	1,621,824	desd	70,983	1,460	

EXPENDITURES ON HIGHWAYS, 1945

•	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories
4	\$	\$	\$	Ş.	\$	\$	\$
2	12,580,157 9,675,660 1,102,541	4,253,644 20,597,474 502,950	525,732 1,466,431 289,597	2,156,520 1,514,327 145,119	2,354,777 4,222,267 8,221	3,090,636 2,037,106 231,101	1,536 10,196
	23,358,358	25,354,068	2,281,760	3,615,966	6,585,265	5,358,843	11,732
	1,336,047 484,658 170,603	671,682 520,483	70,948 1,759 86	190,416 105,883 24	232,164 332,248 200	484,945 659,681 46,431	370,537 3,085
	1,991,308	1,192,165	72,793	296,323	564,612	1,191,057	373,€22
		3,205	435	50	7,535	8,820	1201
	25,349,666	26,549,438	2,354,988	3,912,339	7,157,412	6,558,720	385,354
	52,271 -	14,561 107,747 580	10,960 381	4,764 730	39,134 91,659 8,421	278,171 45,845 6,320	370,537 4,621 10,196
	52,271	122,888	11,341	5,494	139,214	330,336	385,354
	13,916,204 10,090,567 1,273,144	857,097 11,678,469 502,370 + 7,075,745	596,680 1,457,665 289,302 - 95,650	2,342,094 1,415,496 144,413	2,547,807 1,376,992	3,305,658 2,651,514 271,212	
	25,279,915	20,113,681	2,247,997	3,902,003	3,924,799	6,228,384	-771
		4,056,827		4 949			-21/2002
		9,331,787		4,842	(1)3,093,399	- 100	
	-	- 7,075,745	-	_		-	
	-	6,312,869		4,842	3,093,399		_
1	17,480		95,650	_	-		-
Į.	25,349,666	26,549,438	2,354,988	3,912,339	7,157,412	6,558,720	385,354
	13,916,204 10,160,318 1,273,144	4,928,485 21,118,003 502,950	596,680 1,468,625 289,683	2,346,936 1,420,260 145,143	2,586,941 4,562,050 8,421	3,583,829 2,697,359 277,532	370,537 4,621 10,196
	849,751			-	-	699,630	

⁽¹⁾ Public Works in villages and districts.

TABLE 111

1/STATISTICS ON URBAN STREETS, SIDEWALKS, BRIDGES AND CULVERTS IN CITIES AND LARGE TOWNS, 1945

				-
Expenditures	Canada	Prince Edward Island	Nova Scotia	
	\$	\$	\$	4
New Construction	4,232,064 1,303,937 5,498,808 7,113,286 1,282,370	7,203 2,252 18,168 14,949 5,226	120,111 70,782 389,554 102,511 53,419	H.
Total	19,430,465	47,798	736,377	
Construction /	5,923,085 13,507,380	9,616 38,182	205,824 530,553	
Total Expenditures on roads	15,575,254 773,056 2,585,135 497,020	36,862 - 10,841 95	603,663 10,481 105,516 16,717	
Subsidies and Amounts Collectable From Dominion Government From Provincial Government From County, Township, etc From other sources	83,688 88,265 141,476 67,380		77,540 16,305 15,500	
Total	380,809	-	109,345	
Net Expenditures (total expenditures less subsidies)	19,049,656	47,798	627,032	
Class of Road Concrete (Portland Cement)	Miles 880.12	Miles 10.81	Miles 22.95	
Bituminous Pavements	3,349.57 2,026.79	22.75	125.88	
stabilized gravel or stone, not surfaced treated Other surfaces - brick, granite block, wood block,		43.56	130.45	
etc.	398.78	3.00	4.00	
Total Mileage of Surfaced Roads	9,929.36	82.68	413.15	
Improved earth roads (graded and drained) Other earth roads	2,457.41 1,857.76	27.37 5.00	187.60 110.70	3
Total Mileage of all Roads	14,244.53	115.55	711.45	The state of the s
		-1		1

[/] Includes proportion of administration and general expenses and undistributed items.

1 STATISTICS ON URBAN STREETS, SIDEWALKS, BRIDGES AND CULVERTS IN CITIES AND LARGE TOWNS, 1945

*	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
4	\$	\$	*	\$	\$	\$	\$
	125,624 54,578 122,737 156,411 26,898	1,274,188 776,696 1,140,191 3,900,329 648,101	1,355,016 281,281 1,766,627 2,350,716 262,092	347,179 30,083 359,111 164,830 56,523	82,404 16,519 184,073 68,740 27,281	657,945 32,756 416,106 155,896 83,545	262,394 38,990 1,102,241 198,904 119,285
	486,248	7,739,505	6,015,732	957,726	379,017	1,346,248	1,721,814
	190,754 295,494	2,238,319 5,501,186	1,710,834 4,304,898	400,924 556,802	106,596 272,421	736,400 609,848	323,818 1,397,996
	446,993 3,319 19,756 16,180	6,039,416 248,648 1,061,263 390,178	5,106,247 119,467 758,694 31,324	851,162 19,910 77,999 8,655	258,299 4,455 115,933 330	1,086,868 17,011 239,369 3,000	1,145,744 349,765 195,764 30,541
	- 10,000 12,928	31,000 1,000 2,914	5,000 19,728 128,833 32,371	4,563 210		1,148 9,543 1,433 689	7,126 - 2,978
	22,928	34,914	185,932	4,773	-	12,813	10,104
	463,320	7,704,591	5,829,800	952,953	379,017	1,333,435	1,711,710
	Miles 29.69 101.63 79.04	Miles 132.89 861.45 258.28	Miles 476.39 1,580.96 855.69	Miles 85.20 206.02 49.14	Miles 4.59 77.22 34.16	Miles 17.22 158.31 120.65	Miles 100.38 215.35 497.40
	63.11	357.17	660.42	529.23	353.15	580.90	556.11
	4.70	26.76	174.63	3.56	2.27	4.24	175.62
	278.17	1,636.55	3,748.09	873.15	471.39	881.32	1,544.36
1	41.4 0 6.00	188.07 211.05	476.21 170.74	336.38 96.11	576 .23 206 . 83	467.16 843.07	156.49 208.26
-	325.57	2,035.67	4,395.04	1,305.64	1,254.45	2,191.55	1,909.61

^{1/} These statistics are for all cities and towns of 2,000 population and up in Nova Scotia and New Brunswick, 4,000 and up in Quebec and Ontario, 1,000 and up in the four western provinces, and all urban municipalities in Prince Edward Island.

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