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Minister of Trade and CommerceDOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES DIVISION
OTTAWA

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RAILWAY REVENUE FREIGHT LOADINGS

20-4170

APRIL, 1948

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	October	November	December	Total 12 months	Total 4 months
TONS (Thousands)														
1942	6,845	6,571	7,287	7,391	7,722	7,924	8,090	7,778	7,692	8,749	8,248	7,568	91,865	28,094
1943	6,517	7,110	8,304	8,097	8,121	8,486	8,583	8,995	8,941	9,262	9,420	8,461	100,317	30,028
1944	8,103	8,011	8,880	8,335	9,316	9,268	8,682	9,289	9,298	9,561	9,528	7,886	106,157	33,380
1945	7,747	7,483	8,488	8,231	9,076	9,551	9,352	9,117	8,546	9,579	9,099	7,634	103,903	31,949
1946	7,648	7,085	8,154	7,712	7,891	7,451	7,759	8,018	9,034	10,050	9,475	8,096	98,373	30,600
1947	7,854	6,869	8,451	8,533	9,315	9,361	9,721	8,999	9,983	11,002	9,680	8,300	109,069	31,707
1948	8,297	7,232	8,107	8,393										33,029

CARS
(Thousands)

1942	272	249	271	273	283	287	294	282	290	323	291	271	3,386	1,065
1943	236	247	286	280	285	300	295	304	306	318	320	290	3,467	1,049
1944	282	281	313	285	319	316	298	318	317	331	328	273	3,661	1,160
1945	280	285	301	293	311	322	306	314	300	341	322	272	3,627	1,189
1946	287	263	302	282	296	291	305	325	324	371	349	295	3,690	1,155
1947	302	270	306	311	345	332	343	331	352	388	356	321	3,957	1,189
1948	317	286	324	334										1,261

INDEX NUMBERS (1)

(Average 1935 - 1939 = 100)

TONS

1942	169.3	169.3	177.4	189.3	182.3	188.1	176.2	163.0	127.1	127.9	142.0	175.9	
1943	158.6	183.2	202.1	204.8	191.7	201.4	187.7	186.6	147.7	135.4	162.1	197.1	
1944	200.5	206.4	216.1	213.4	219.9	220.0	189.9	194.7	153.6	139.7	164.0	183.3	
1945	191.6	192.8	206.6	210.8	214.2	226.7	204.6	191.1	141.2	140.0	156.6	177.4	
1946	189.2	182.5	198.5	197.5	186.3	178.9	169.7	168.0	149.3	146.9	163.1	188.2	
1947	194.3	177.0	205.7	218.5	219.9	222.2	212.6	188.6	165.0	160.8	166.6	216.2	
1948	205.2	186.3	221.7	214.9									

CARS

1942	149.6	140.4	136.2	140.3	142.3	141.4	148.1	129.6	117.4	124.6	126.5	144.4	
1943	128.5	158.0	142.0	142.4	141.0	145.3	146.1	137.3	121.9	120.6	137.6	152.9	
1944	153.1	158.9	155.3	145.1	157.8	153.5	147.5	143.3	126.3	125.4	140.8	143.6	
1945	152.2	147.9	149.6	149.1	153.9	156.0	151.2	141.5	119.4	129.1	138.2	143.2	
1946	156.3	147.0	150.1	143.9	146.4	141.3	150.7	146.7	129.2	140.7	150.0	155.3	
1947	164.3	150.8	151.9	158.5	170.6	160.9	169.8	149.3	140.4	146.9	153.1	169.2	
1948	172.3	159.6	160.9	170.1									

15/2/48

/ Estimated.

x Revised.

p Index of estimated data.

(1) Seasonal adjusted.
(over)



1010550803

The purpose of this report is twofold: (1) to bring together the tonnage data from the monthly railway traffic reports and the car loadings from the weekly reports, and (2) to show the limitations of the car loading data. The monthly traffic reports show freight billed by the railways, freight received from connections, freight terminated on the railways and freight delivered to connections. Tonnages for the first of these only are included in this report. Car loadings from the weekly reports are compiled on a monthly basis by prorating data for weeks containing days of two months on the basis of a six loading day week, Sundays being excluded. There is a slight difference in the time in as much as the monthly traffic report is compiled on a received basis and the car loadings on a forwarded basis.

The promptness with which the car loading report is issued makes the data valuable as a business barometer but for studies of freight loaded, tonnage data should be substituted as soon as the monthly traffic report is received, and this report (20-4170) indicates the error which may result from using car loadings to compare the volume of freight loaded over long periods. If the two series ran on nearly parallel lines the indexes would be almost identical, but they are not. The reason that they are not identical is that the average tonnage loaded in cars is not constant but fluctuates widely from month to month and year to year as the relative tonnages of heavy and light freight are handled and as other factors change; there also are variations in the average tons from month to month of each commodity group. The twelve months' moving average of tons per car (all revenue freight) ranged from below 20 tons in 1932 to over 29 tons in 1943 and the spread in the monthly data was from 18.4 tons to 30.6 tons.