

52 003

Historical File Copy

C A N A D A  
DOMINION BUREAU OF STATISTICS  
TRANSPORTATION BRANCH

OPERATING REVENUES, EXPENSES AND STATISTICS  
of  
RAILWAYS  
With Annual Operating Revenues of \$500,000  
For  
JUNE  
1922

Published by Authority of the Hon. J. A. Robb, M. P.,  
Minister of Trade and Commerce.

+ + +

OTTAWA

1922

58 003

Historical File Copy

1-1-1



DOMINION BUREAU OF STATISTICS  
TRANSPORTATION BRANCH  
OTTAWA

Dominion Statistician, R.H. Coats, B.A., F.S.S.  
Chief, Transportation Branch, G.S. Wrong, B.Sc.

OPERATING REVENUES, EXPENSES & STATISTICS

STEAM RAILWAYS OF CANADA

WITH ANNUAL OPERATING REVENUES OF \$500,000

For the Month of June 1922

Revenues of the railways as a whole showed a decrease from May of \$449,058. Compared with June 1921 the decrease was \$1,026,711 or 3 per cent with expenses reduced \$1,606,963 or 4.9 per cent, the operating ratio being 92.61 per cent as against 94.52 per cent for June 1921. Freight traffic decreased 12.5 per cent with a decrease of 3.1 per cent in freight revenues, while passenger traffic increased slightly but passenger revenues, due to lower rates, decreased 11.3 per cent. The net load of freight trains showed a small increase but the average load per car decreased .7 tons.

On pages 11, 12 and 13 the net operating revenues, operating revenues and operating expenses of the railways as a whole are shown graphically, the data for the 1920 and 1921 curves having been adjusted to make them comparable with the 1922 data. During March this year there was a heavy movement of grain causing an accumulation for Fort William and Port Arthur also for Vancouver. An embargo was placed reducing the April movement and when lifted, boosting the May traffic.

This was one factor in the rise and fall of revenues for March, April and May. These fluctuations were still more pronounced on the Canadian Pacific and Canadian Northern Railways.

The receipts of grain at Fort William and Port Arthur were as follows:

January	10,999,000 bushels	May	18,840,000 bushels
February	6,687,000 "	June	7,991,000 "
March	14,940,000 "	July	8,854,000 "
April	10,322,000 "		

CANADIAN NATIONAL RAILWAYS freight traffic showed a sharp decline from May with a decrease in freight revenues of 23 per cent. The seasonal increase in passenger traffic offset this somewhat but the total revenues showed a decrease of 15 per cent. Operating expenses also increased causing operating deficit to increase to \$1,963,988 and the operating ratio to 123.85 per cent. This, however, was an improvement over June 1921 when the deficit was \$2,595,256 and operating ratio was 131.32 per cent. Compared with June 1921 freight traffic showed an increase of 44,179,105 tons miles or 9.8 per cent, but lower rates produced freight revenues only 3.5 per cent above last year's. Passenger traffic decreased 2.9 per cent with a decrease in revenues of 9.2 per cent. Freight train loading increased from 444.4 to 454.6 net tons while the average car loading decreased .3 tons.

CANADIAN PACIFIC RAILWAYS. Freight revenues showed little change from last year although the revenue ton miles increased 7.5 per cent. Passenger revenues decreased 13 per cent with a decrease of 4.6 per cent in passenger miles. Total revenues showed a decrease of \$709,995 or 4.8 per cent and with an increase of .7 per cent in operating expenses the operating ratio rose from 78.38 per cent to 82.91 per cent. Both car loading and the average net load of freight trains showed decreases from last year and also from May 1922. Compared with May the decrease in freight revenues of 8 per cent due to decline of freight traffic was more than offset by increases in passenger revenues the passenger receipts increasing over 21 per cent, increasing the total revenues to slightly above those for May, while the expenses showed an increase of about 1.4 per cent.





GRAND TRUNK RAILWAY showed an increase in freight revenues of \$465,668 or 10.8 per cent but passenger train revenues fell off causing total revenues to decrease \$187,402 or 2.8 per cent. Operating expenses were reduced \$459,895 or 7.7 per cent giving an operating ratio of 84.86 per cent as against 89.36 per cent for June 1921. Train loading showed a marked improvement averaging 111.7 net tons per train over June 1921 while car loading also increased 2.4 tons per car.

The report of this month contains a summary of the reports for the six months January to June inclusive. The general reduction of 10 per cent in passenger rates effective July 1, 1921 and reduction in freight and in parlour and sleeping car rates effective December 1, 1921 with the variations in classes of traffic handled, produced an average receipt per ton mile 10 per cent below the average for the first six months of 1921 and an average receipt per passenger per mile 8 per cent less.

Freight traffic increased 541,657,248 ton miles or 4.8 per cent, but due to heavier loading of trains, was handled with a decrease in freight train miles of 2.7 per cent although the average car loading decreased 1.0 ton per car. With the lower rates, however, freight revenues decreased \$7,945,506 or 5.6 per cent.

Passenger traffic decreased 13.6 per cent, with less people travelling also a reduction in the average length of journey and with lower rates produced revenues \$8,626,685 or 20.5 per cent less than for the same period in 1921. Total revenues showed a decrease of \$18,764,173 or 9.1 per cent.

Wages were cut July 16, 1921 between 10 and 12 per cent and with less train mileage and other reductions, operating expenses were reduced \$26,533,331 or 13 per cent, thereby increasing the net operating revenues \$7,769,158 and the operating ratio from 98.78 per cent to 94.52 per cent. The total pay roll was reduced \$15,421,293 or 12.7 per cent with a reduction in the average number of employees of 3 per cent.

CANADIAN NATIONAL RAILWAYS showed considerable improvement in operations for the six months. Although with reduced rates and lighter passenger traffic, revenues fell off \$6,371,306 or 11.1 per cent, the pay roll was reduced \$7,409,270 or 16.5 per cent, the average number of employees was reduced 4,097 or 7.1 per cent, average train loading was increased 63.4 net tons or 14 per cent, the number of cars was increased 2.3 per train and car loading was increased .3 tons per car, thereby, reducing freight train mileage 13.3 per cent with reduced total ton miles of only .9 per cent. The total expenses were reduced \$13,602,259 or 18.5 per cent causing the operating deficit to diminish \$7,230,452.

CANADIAN PACIFIC RAILWAYS showed a decrease in total revenues of \$8,169,461 or 9.5 per cent, and a reduction in operating expenses of \$4,965,663 or 6.9 per cent which reduced the net operating revenues \$3,203,798 and increased the operating ratio from 84.53 per cent to 87.03 per cent. The total pay roll<sup>was</sup> reduced \$2,900,618 or 7 per cent with an increase of 2.3 per cent in the average number of employees. There was practically no change in net train loading except revenue freight increased and non revenue freight decreased, but the number of empty and loaded cars increase slightly with lighter loading of cars.

GRAND TRUNK RAILWAY showed an increase in freight traffic of 8.4 per cent but a decrease in passenger traffic of 7.9 per cent. Lower rates produced freight revenues 2 per cent below last year's and passenger revenues 15.7 per cent less. Total revenues decreased \$2,000,151 or 5.5 per cent but operating expenses were reduced \$4,874,362 or 13.9 per cent giving a net operating revenue of \$4,200,946 as against \$1,326,734 in 1921 and reducing the operating ratio from 96.34 per cent to 87.77 per cent. The net loading of freight trains increased slightly also the number of cars per train but the loading of cars was lighter by 1.9 tons per car.





OPERATING REVENUES, EXPENSES & STATISTICSSTEAM RAILWAYS OF CANADA

With an annual Operating Revenue of \$500,000

For the Month of June

	1922	1921
<u>OPERATING REVENUES</u>		
Freight	\$22,235,518.20	\$21,569,884.60
Passenger	7,185,777.60	8,112,843.10
Mail	619,761.21	679,458.23
Express	1,105,236.87	1,587,908.64
Other Freight Train	5,271.72	5,020.49
Other Passenger Train	663,117.79	680,546.06
Water Line	297,734.26	364,035.09
All Other	1,240,776.05	1,380,209.01
Total Railway Operating Revenues	33,353,193.70	34,379,905.22
<u>OPERATING EXPENSES</u>		
Maint. of Way and Structures	\$7,924,884.02	\$7,558,806.25
Maint. of Equipment	6,749,728.87	7,271,859.47
Traffic	1,086,555.83	977,210.07
Transportation	13,727,415.75	15,333,119.22
Misc. Operation	499,044.02	518,547.81
General	974,706.10	945,830.60
Trans. for Investment	73,241.47	109,316.84
Total Railway Operating Expenses	30,889,093.12	32,496,056.58
<u>OPERATING INCOME</u>		
Net Operating Revenue	\$2,464,100.58	\$1,883,848.64
Railway Tax Accruals	578,260.70	578,579.08
Uncollectable Revenues	8,600.56	1,738.71
Hire of Equipment	Cr. 294,103.63	Cr. 141,685.80
Joint Facilities Rents	Dr. 203,934.96	Dr. 110,851.92
Operating Income	1,967,407.99	1,334,364.73
<u>OPERATING STATISTICS</u>		
Average Miles of Road Operated	38,805	38,585
No. of Tons Carried (Rev. Fr.)	7,306,750	6,983,011
No. of Tons Carried One Mile (Rev. Fr.)	1,743,831,341	1,549,754,237
No. of Tons Carried (All Fr.)	8,430,655	9,066,605
No. of Tons Carried One Mile (All Fr.)	1,953,603,410	1,839,444,412
No. of Revenue Pass. Carried	3,669,573	3,823,286
No. of Revenue Pass. Carried One Mile	256,981,738	256,277,393
# Freight Train Miles	3,916,067	3,774,542
# Passenger Train Miles	4,003,342	3,939,547
Total Train Miles (Rev. & Non.)	8,429,268	8,016,895
Freight Car Miles-Loaded	86,352,122	79,457,638
Freight Car Miles-Empty	41,998,666	37,430,419
Passenger Train Car Miles	28,140,703	27,299,024
Total amount of Pay Roll	\$18,952,924.95	\$20,099,688.88
Number of Employees	162,620	155,036
<u>AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating Revenue	\$859.51	\$891.01
Operating Expenses	\$796.01	\$842.19
No. of Tons Moved One Mile (Revenue)	44,938	40,165
No. of Tons Moved One Mile (All Fr.)	50,344	47,673
<u>AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight Revenue	\$5.68	\$5.72
No. of Tons of Freight (Revenue)	445.3	410.6
No. of Tons of Freight (All Fr.)	498.9	487.3
Loaded Freight Cars	22.2	21.1
Empty Freight Cars	10.7	9.9
<u>AVERAGES PER PASS. TRAIN MILE</u>		
Passenger Train Revenue	\$2.39	\$2.81
Passengers Carried	64.2	65.1
Passenger Cars	7.0	6.9
Average Operating Expenses per train mile	\$3.66	\$4.05
Average Length of Haul (Rev. Fr.) Miles	238.7	221.9
Average Passenger Journey Miles	70.0	67.0
Average Tons per loaded Fr. Car	22.5	23.2
Av. Fr. Receipt per Rev. Ton Mile	1.275¢	1.392¢
Av. Passenger Receipt per Pass. per Mile	2.796¢	3.166¢
Ratio of Pay Roll to Operating Revenues	56.8%	58.5%
Ratio of Pay Roll to Operating Expenses	61.4%	61.9%
Ratio of Operating Expenses to Revenues	92.61%	94.52%

# - Contains a proportion of mixed train miles.





## OPERATING REVENUES, EXPENSES &amp; STATISTICS

CANADIAN NATIONAL RY.  
(Can. Gov., Can. Northern, Grand Trunk Pac.)

For the Month of June

	1922	1921
<u>OPERATING REVENUES</u>		
Freight	\$5,804,819.79	\$5,609,313.92
Passenger	1,534,911.16	1,639,604.76
Mail	178,264.71	193,397.49
Express	290,191.45	306,298.45
Other Freight Train		3,675.00
Other Passenger Train	186,686.40	205,215.41
Water Line		
All Other	240,729.83	279,459.65
Total Railway Operating Revenues	8,235,603.33	8,286,969.68
<u>OPERATING EXPENSES</u>		
Maint. of Way and Structures	\$3,124,780.83	\$3,036,125.23
Maint. of Equipment	2,355,886.93	2,458,191.27
Traffic	258,017.92	194,385.83
Transportation	4,097,994.42	4,915,502.93
Misc. Operations	152,451.43	171,415.03
General	284,193.78	215,601.66
Trans. for Investment	73,733.09	108,995.43
Total Railway Operating Expenses	10,199,592.22	10,882,226.52
<u>OPERATING INCOME</u>		
Net Operating Revenue	Dr. \$1,963,928.89	Dr. \$2,595,256.84
Railway Tax Accruals	139,825.54	175,850.07
Uncollectable Revenues	.90	7.37
Hire of Equipment	Cr. 102,510.59	Cr. 129,838.03
Joint Facilities Rents	Dr. 152,769.90	Dr. 4,835.93
Operating Income	Dr. 2,154,074.64	Dr. 2,046,112.18
<u>OPERATING STATISTICS</u>		
Average Miles of Road Operated	17,212.00	17,111.07
No. of Tons Carried (Rev. Fr.)	1,530,071	1,273,748
No. of Tons Carried One Mile (Rev. Fr.)	495,877.151	451,698,046
No. of Tons Carried (All Fr.)	1,883,825	1,817,193
No. of Tons Carried One Mile (All Fr.)	582,148,546	582,277,988
No. of Revenue Pass. Carried	900,779	952,773
No. of Revenue Pass. Carried One Mile	56,920,680	58,595,299
#Freight Train Miles	1,280,480	1,310,349
#Passenger Train Miles	1,083,819	1,071,989
Total Train Miles (Rev. & Non Rev.)	2,722,133	2,570,740
Freight Car Miles-Loaded	25,252,927	24,878,584
Freight Car Miles-Empty	15,403,224	10,724,019
Passenger Train Car Miles	3,025,942	7,571,168
Total Amount of Pay Roll	6,796,834.88	6,924,940.03
Number of Employees	60,290	56,172
<u>AVERAGES PER MILE OF ROAD OPERATED.</u>		
Operating Revenue	\$478.48	\$484.30
Operating Expenses	\$592.58	\$635.97
No. of Tons Moved One Mile (Rev.)	28,810	26,398
No. of Tons Moved One Mile (All Fr.)	33,822	34,029
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight Revenue	\$4.53	\$4.28
No. of Tons of Freight (Revenue)	387.3	344.7
No. of Tons of Freight (All Fr.)	454.6	444.4
Loaded Freight Cars	19.7	19.0
Empty Freight Cars	12.0	8.2
<u>#AVERAGES PER PASS. TRAIN MILE</u>		
Passenger Train Revenue	\$2.02	\$2.23
Passengers Carried	52.5	54.7
Passenger Cars	7.4	7.1
Average Operating Expenses per train mile	\$3.75	\$4.23
Average Length of Haul (Rev. Fr.) Miles	324.1	354.6
Average Passenger Journey Miles	63.2	61.5
Average Tons per loaded Fr. Car	23.1	23.4
Av. Fr. Receipt per Rev. Ton Mile.	1.171¢	1.242¢
Av. Passenger Receipt per Pass. Per Mile	2.697¢	2.883¢
Ratio of Pay Roll to Operating Revenues	82.5%	83.6%
Ratio of Pay Roll to Operating Expenses	66.6%	63.6%
Ratio of Operating Expenses to Revenues	123.85%	131.32%

#-Contains a proportion of mixed train miles.





## OPERATING REVENUES, EXPENSES &amp; STATISTICS

CANADIAN PACIFIC RY.  
(Montreal & Atlantic Ry., Esquimalt & Nanaimo Ry.)

For the Month of June

	1922	1921
<b>OPERATING REVENUES</b>		
Freight	\$8,550,984.28	\$8,503,488.32
Passenger	3,415,162.04	3,928,013.48
Mail	299,808.92	302,731.57
Express	489,309.94	608,398.65
Other Freight Train	4,528.93	927.70
Other Passenger Train	415,505.19	404,836.40
Water Line	242,524.40	290,946.70
All Other	621,592.30	770,068.29
Total Railway Operating Revenues	14,099,416.00	14,809,411.11
<b>OPERATING EXPENSES</b>		
Maintenance of Way and Structures	\$2,868,614.89	\$2,371,878.69
Maintenance of Equipment	2,181,043.47	2,205,413.90
Traffic	618,690.84	552,030.19
Transportation	5,467,633.01	5,919,939.40
Misc. Operations	260,118.09	248,150.81
General	293,560.53	310,548.81
Trans. for Investment		
Total Railway Operating Expenses	11,639,660.83	11,607,961.80
<b>OPERATING INCOME</b>		
Net Operating Revenue	\$2,409,755.17	\$3,201,449.31
Railway Tax Accruals	Dr. 252,524.65	Dr. 227,492.65
Uncollectable Revenues		
Hire of Equipment	Cr. 225,105.85	Cr. 139,643.83
Joint Facilities Rents	Cr. 24,337.97	Cr. 17,705.05
Operating Income	2,406,674.34	3,131,305.94
<b>OPERATING STATISTICS</b>		
Average Miles of Road Operated	13,877.2	13,785.8
No. of Tons Carried (Revenue Freight)	2,047,022	1,963,560
No. of Tons Carried One Mile (Revenue Freight)	650,993,425	605,365,672
No. of Tons Carried (All Freight)	2,506,729	2,579,178
No. of Tons Carried One Mile (All Freight)	745,279,774	736,842,927
No. of Revenue Pass. Carried	1,553,235	1,419,093
No. of Revenue Pass. Carried One Mile	126,865,076	124,893,628
# Freight Train Miles	1,385,007	1,332,508
# Passenger Train Miles	1,830,811	1,786,428
Total Train Miles (Rev. & Non Rev.)	3,215,818	3,209,936
Freight Car Miles-Loaded	32,875,382	30,276,572
Freight Car Miles-Empty	12,902,448	12,571,791
Passenger Train Car Miles	13,193,740	12,906,900
Total amount of Pay Roll	7,163,688.50	7,401,746.06
Number of Employees	62,306	57,426
<b>AVERAGES PER MILES OF ROAD OPERATED</b>		
Operating Revenue	\$1,016.01	\$1,074.35
Operating Expenses	\$842.36	\$842.02
No. of Tons Moved One Mile (Revenue)	46,911	43,912
No. of Tons Moved One Mile (All Fr.)	53,705	53,449
<b>#AVERAGES PER FREIGHT TRAIN MILE</b>		
Freight Revenue	\$6.18	\$6.38
No. of Tons of Freight (Revenue)	470.0	454.3
No. of Tons of Freight (All Fr.)	538.1	553.0
Loaded Freight Cars	33.6	22.7
Empty Freight Cars	9.3	9.4
<b>#AVERAGES PER PASS. TRAIN MILE</b>		
Passenger Train Revenue	\$2.52	\$2.94
Passengers Carried	69.3	69.9
Passenger Cars	7.2	7.2
Average Operating Expenses per train mile	\$3.49	\$3.63
Average Length of Haul (Rev. Fr.) Miles	318.0	308.3
Average Passenger Journey Miles	93.7	88.0
Average Tons per loaded Fr. Car	22.8	24.3
Av. Fr. Receipt per Rev. Ton Mile	1.314¢	1.405¢
Av. Passenger Receipt per Pass. Per Mile	2.691¢	3.145¢
Ratio of Pay Roll to Operating Revenues	50.8%	50.0%
Ratio of Pay Roll to Operating Expenses	61.3%	63.8%
Ratio of Operating Expenses to Revenues	82.91%	78.38%

\* Contains a proportion of Mixed Train Miles

THE JOURNAL OF THE  
AMERICAN MEDICAL ASSOCIATION  
PUBLISHED WEEKLY  
(Incorporating the Journal of the American Medical Association)

CHICAGO, ILL., U.S.A.

CONTENTS		ORIGINAL ARTICLES	
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
77	78	79	80
81	82	83	84
85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100
101	102	103	104
105	106	107	108
109	110	111	112
113	114	115	116
117	118	119	120
121	122	123	124
125	126	127	128
129	130	131	132
133	134	135	136
137	138	139	140
141	142	143	144
145	146	147	148
149	150	151	152
153	154	155	156
157	158	159	160
161	162	163	164
165	166	167	168
169	170	171	172
173	174	175	176
177	178	179	180
181	182	183	184
185	186	187	188
189	190	191	192
193	194	195	196
197	198	199	200
201	202	203	204
205	206	207	208
209	210	211	212
213	214	215	216
217	218	219	220
221	222	223	224
225	226	227	228
229	230	231	232
233	234	235	236
237	238	239	240
241	242	243	244
245	246	247	248
249	250	251	252
253	254	255	256
257	258	259	260
261	262	263	264
265	266	267	268
269	270	271	272
273	274	275	276
277	278	279	280
281	282	283	284
285	286	287	288
289	290	291	292
293	294	295	296
297	298	299	300
301	302	303	304
305	306	307	308
309	310	311	312
313	314	315	316
317	318	319	320
321	322	323	324
325	326	327	328
329	330	331	332
333	334	335	336
337	338	339	340
341	342	343	344
345	346	347	348
349	350	351	352
353	354	355	356
357	358	359	360
361	362	363	364
365	366	367	368
369	370	371	372
373	374	375	376
377	378	379	380
381	382	383	384
385	386	387	388
389	390	391	392
393	394	395	396
397	398	399	400
401	402	403	404
405	406	407	408
409	410	411	412
413	414	415	416
417	418	419	420
421	422	423	424
425	426	427	428
429	430	431	432
433	434	435	436
437	438	439	440
441	442	443	444
445	446	447	448
449	450	451	452
453	454	455	456
457	458	459	460
461	462	463	464
465	466	467	468
469	470	471	472
473	474	475	476
477	478	479	480
481	482	483	484
485	486	487	488
489	490	491	492
493	494	495	496
497	498	499	500
501	502	503	504
505	506	507	508
509	510	511	512
513	514	515	516
517	518	519	520
521	522	523	524
525	526	527	528
529	530	531	532
533	534	535	536
537	538	539	540
541	542	543	544
545	546	547	548
549	550	551	552
553	554	555	556
557	558	559	560
561	562	563	564
565	566	567	568
569	570	571	572
573	574	575	576
577	578	579	580
581	582	583	584
585	586	587	588
589	590	591	592
593	594	595	596
597	598	599	600
601	602	603	604
605	606	607	608
609	610	611	612
613	614	615	616
617	618	619	620
621	622	623	624
625	626	627	628
629	630	631	632
633	634	635	636
637	638	639	640
641	642	643	644
645	646	647	648
649	650	651	652
653	654	655	656
657	658	659	660
661	662	663	664
665	666	667	668
669	670	671	672
673	674	675	676
677	678	679	680
681	682	683	684
685	686	687	688
689	690	691	692
693	694	695	696
697	698	699	700
701	702	703	704
705	706	707	708
709	710	711	712
713	714	715	716
717	718	719	720
721	722	723	724
725	726	727	728
729	730	731	732
733	734	735	736
737	738	739	740
741	742	743	744
745	746	747	748
749	750	751	752
753	754	755	756
757	758	759	760
761	762	763	764
765	766	767	768
769	770	771	772
773	774	775	776
777	778	779	780
781	782	783	784
785	786	787	788
789	790	791	792
793	794	795	796
797	798	799	800
801	802	803	804
805	806	807	808
809	810	811	812
813	814	815	816
817	818	819	820
821	822	823	824
825	826	827	828
829	830	831	832
833	834	835	836
837	838	839	840
841	842	843	844
845	846	847	848
849	850	851	852
853	854	855	856
857	858	859	860
861	862	863	864
865	866	867	868
869	870	871	872
873	874	875	876
877	878	879	880
881	882	883	884
885	886	887	888
889	890	891	892
893	894	895	896
897	898	899	900
901	902	903	904
905	906	907	908
909	910	911	912
913	914	915	916
917	918	919	920
921	922	923	924
925	926	927	928
929	930	931	932
933	934	935	936
937	938	939	940
941	942	943	944
945	946	947	948
949	950	951	952
953	954	955	956
957	958	959	960
961	962	963	964
965	966	967	968
969	970	971	972
973	974	975	976
977	978	979	980
981	982	983	984
985	986	987	988
989	990	991	992
993	994	995	996
997	998	999	1000



## OPERATING REVENUES EXPENSES &amp; STATISTICS

## GRAND TRUNK RAILWAY

For the Month of June 1922

	1922	1921
<b>OPERATING REVENUES</b>		
Freight	\$4,763,540.00	\$4,297,871.15
Passenger	1,224,106.00	1,447,172.38
Mail	95,000.00	133,682.78
Express	226,000.00	600,000.00
Other Freight Train		
Other Passenger Train	21,750.00	43,189.48
Water Line		
All Other	173,250.00	169,132.48
Total Railway Operating Revenues	6,503,646.00	6,691,048.27
<b>OPERATING EXPENSES</b>		
Maint. of Way and Structures	\$1,189,311.56	\$1,082,307.98
Maint. of Equipment	1,286,867.18	1,746,345.69
Traffic	127,717.58	148,820.24
Transportation	2,617,349.86	2,695,227.21
Misc. Operations	41,471.08	40,989.10
General	255,635.92	265,590.85
Trans. for Investment	Dr. 771.11	Dr. 261.06
Total Railway Operating Expenses	5,519,124.29	5,979,020.01
<b>OPERATING INCOME</b>		
Net Operating Revenue	\$984,521.71	712,028.26
Railway Tax Accruals	110,850.00	106,669.00
Uncollectable Revenues	8,285.10	1,495.26
Hire of Equipment	Cr. 211,953.69	Cr. 118,668.26
Joint Facilities Rents	Cr. 50,014.60	Cr. 12,916.03
Operating Income	1,127,354.90	735,448.29
<b>OPERATING STATISTICS</b>		
Average Miles of Road Operated	3,612	3,612
No. of Tons Carried (Revenue Fr.)	1,963,413	1,692,578
No. of Tons Carried One Mile (Revenue Fr.)	399,966.307	288,629.360
No. of Tons Carried (All Freight)	2,183,825	1,908,197
No. of Tons Carried One Mile (All Freight)	422,309.653	309,761.137
No. of Revenue Pass. Carried	907,937	920,502
No. of Revenue Pass. Carried One Mile	41,617.218	42,683.039
#Freight Train Miles	782,386	723,642
#Passenger Train Miles	666,594	667,597
Total Train Miles (Rev. & Non Rev.)	1,448,980	1,395,412
Freight Car Miles-Loaded	17,415,678	14,212,470
Freight Car Miles-Empty	7,748,999	8,096,208
Passenger Train Car Miles	3,885,778	3,918,740
Total amount of Pay Roll	\$3,415,065.94	\$3,800,715.43
Number of Employees	27,959	27,983
<b>AVERAGES PER MILE OF ROAD OPERATED</b>		
Operating Revenue	\$1,800.57	\$1,852.45
Operating Expenses	\$1,527.99	\$1,655.32
No. of Tons Moved One Mile (Rev.)	110,733	79,908
No. of Tons Moved One Mile (All Fr.)	116,918	85,759
<b>AVERAGES PER FREIGHT TRAIN</b>		
Freight Revenue	\$6.09	\$5.94
No. of Tons of Freight (Revenue)	511.2	398.9
No. of Tons of Freight (All Fr.)	539.8	428.1
Loaded Freight Cars	22.3	19.6
Empty Freight Cars	9.9	11.2
<b>AVERAGES PER PASS. TRAIN MILE</b>		
Passenger Train Revenue	\$2.35	\$3.33
Passengers Carried	62.4	63.9
Passenger Cars	5.8	5.9
Average Operating Expenses per train mile	3.81	4.28
Average Length of Haul (Rev. Fr.) Miles	203.7	170.5
Average Passenger Journey Miles	45.8	46.4
Average Tons per loaded Fr. Car	24.2	21.8
Av. Fr. Receipt per Rev. Ton Mile	1.191¢	1.489¢
Av. Passenger Receipt per Pass. Per Mile	2.941¢	3.391¢
Ratio of Pay Roll to Operating Revenues	52.5%	56.8%
Ratio of Pay Roll to Operating Expenses	61.9%	63.6%
Ratio of Operating Expenses to Revenues	84.86%	89.36%

\*Contains a proportion of Mixed Train Miles





## OPERATING REVENUES, EXPENSES &amp; STATISTICS

## STEAM RAILWAYS OF CANADA

With an annual Operating Revenue of \$500,000.  
For the six Months January to June

	1922	1921
<b>OPERATING REVENUES</b>		
Freight	\$134,726,494.31	\$142,672,000.48
Passenger	33,499,391.96	42,126,077.48
Mail	3,759,176.54	3,208,563.37
Express	55,037,322.13	7,523,280.78
Other Freight Train	20,802.82	39,184.25
Other Passenger Train	2,843,783.15	3,211,833.74
Water Line	766,772.08	856,196.70
All Other	6,177,441.20	6,958,220.59
Total Railway Operating Revenues	187,831,184.19	206,595,357.39
<b>OPERATING EXPENSES</b>		
Maint. of Way and Structures	\$33,220,318.69	\$36,751,852.23
Maint. of Equipment	43,420,861.75	47,358,356.46
Traffic	6,071,629.71	5,335,081.00
Transportation	87,044,362.15	106,451,874.67
Misc. Operations	2,479,312.54	2,831,215.25
General	5,667,856.41	5,910,776.32
Trans. for Investment	363,588.79	565,072.08
Total Railway Operating Expenses	177,540,752.46	204,074,083.85
<b>OPERATING INCOME</b>		
Net Operating Revenue	\$10,290,431.73	\$2,521,273.54
Railway Tax Accruals	3,017,879.87	2,934,341.66
Uncollectable Revenues	27,778.88	5,254.84
Hire of Equipment	Cr. 1,939,673.38	Cr. 1,194,992.81
Joint Facilities Rents	Dr. 525,575.83	Dr. 375,235.90
Operating Income	8,658,870.53	401,433.95
<b>OPERATING STATISTICS</b>		
Average Miles of Road Operated	38,805	38,551
No. of Tons Carried (Rev. Fr.)	43,544,512	46,479,177
No. of Tons Carried One Mile (Rev. Fr.)	11,776,875,996	11,235,218,748
No. of Tons Carried (All Fr.)	50,583,534	56,058,438
No. of Tons Carried One Mile (All Fr.)	12,995,180,071	12,789,837,142
No. of Revenue Pass. Carried	19,993,285	21,984,322
No. of Revenue Pass. Carried One Mile	1,148,022,666	1,328,197,840
#Freight Train Miles	25,598,251	26,320,772
#Passenger Train Miles	21,531,487	22,408,754
Total Train Miles (Rev. & Non Rev.)	48,475,154	49,857,401
Freight Car Miles-Loaded	539,805,372	509,144,008
Freight Car Miles-Empty	245,395,824	251,445,330
Passenger Train Car Miles	143,581,523	150,816,714
Total amount of Pay Roll	\$105,836,601.42	\$121,257,899.78
Number of Employees	147,165	151,723
<b>AVERAGES PER MILE OF ROAD OPERATED</b>		
Operating Revenue	\$4,840.39	\$5,359.01
Operating Expenses	\$4,575.20	\$5,293.61
No. of Tons Moved One Mile (Rev.)	303,488	291,438
No. of Tons Moved One Mile (All Fr.)	334,884	331,764
<b>AVERAGES PER FREIGHT TRAIN MILE</b>		
Freight Revenue	\$5.26	\$5.142
No. of Tons of Freight (Revenue)	460.1	426.9
No. of Tons of Freight (All Fr.)	507.7	485.9
Loaded Freight Cars	21.1	19.3
Empty Freight Cars	9.6	9.6
<b>AVERAGES PER PASS. TRAIN MILE</b>		
Passenger Train Revenue	\$2.14	\$2.50
Passengers Carried	53.3	59.3
Passenger Cars	6.7	6.7
Average Operating Expenses per train mile	\$3.66	\$4.09
Average Length of Haul (Rev. Fr.) Miles	270.5	241.7
Average Passenger Journey Miles	57.4	50.4
Average Tons per loaded Fr. Car	24.1	25.1
All Fr. Receipt per Rev. Ton Mile	1.1444	1.2764
All Passenger Receipt per Pass. Per Mile	2.9184	3.1724
Ratio of Pay Roll to Operating Revenues	56.3%	58.7%
Ratio of Pay Roll to Operating Expenses	59.6%	59.2%
Ratio of Operating Expenses to Revenues	94.52%	98.74%

#- Contains a proportion of mixed train miles





## OPERATING REVENUES, EXPENSES &amp; STATISTICS

CANADIAN NATIONAL RYS.  
(Can. Gov., Can. Northern, Grand Trunk Pac.)

For the Six Months January to June

	1922	1921
<u>OPERATING REVENUES</u>		
Freight	\$38,739,125.70	\$42,540,008.85
Passenger	7,473,528.55	9,603,266.11
Mail	1,080,797.81	921,833.35
Express	1,508,755.93	1,665,449.58
Other Freight Train	Dr. 8,329.65	Dr. 6,302.55
Other Passenger Train	836,309.40	982,969.35
Water Line		
All Other	1,367,846.40	1,650,011.06
Total Railway Operating Revenues	50,998,034.14	57,369,840.85
<u>OPERATING EXPENSES</u>		
Maint. of Way and Structures	\$13,847,365.57	\$15,634,608.60
Maint. of Equipment	14,864,370.08	16,638,640.85
Traffic	1,317,216.24	1,174,940.11
Transportation	27,759,283.95	38,180,222.87
Misc. Operations	798,150.54	979,668.57
General	1,695,148.18	1,493,684.61
Trans. for Investment	344,502.13	562,473.79
Total Railway Operating Expenses	59,937,032.43	73,539,291.82
<u>OPERATING INCOME</u>		
Net Operating Revenue	Dr. \$8,938,998.29	Dr. \$16,169,450.97
Railway Tax Accruals	423,458.45	517,294.72
Uncollectable Revenues	23.36	63.91
Hire of Equipment	Cr. 661,238.02	Cr. 1,006,806.19
Joint Facilities Rents	Dr. 175,463.76	Dr. 97,369.94
Operating Income	Dr. 8,876,705.84	Dr. 15,777,373.35
<u>OPERATING STATISTICS</u>		
Average Miles of Road Operated	17,212	17,082
No. of Tons Carried (Rev. Fr.)	9,360,203	10,326,713
No. of Tons Carried One Mile (Rev. Fr.)	3,914,761,524	3,751,384,287
No. of Tons Carried (All Fr.)	11,722,815	13,884,700
No. of Tons Carried One Mile (All Fr.)	4,456,894,463	4,498,817,329
No. of Revenue Pass. Carried	5,260,315	5,875,439
No. of Revenue Pass. Carried One Mile	276,739,020	322,358,863
#Freight Train Miles	8,771,438	10,115,419
#Passenger Train Miles	5,975,603	6,653,397
Total Train Miles (Rev. & Non Rev.)	15,629,561	17,509,672
Freight Car Miles-Loaded	171,123,574	175,038,037
Freight Car Miles-Empty	80,346,969	92,090,226
Passenger Train Car Miles	41,398,230	44,737,511
Total Amount of Pay Roll	\$37,528,988.35	\$44,938,258.57
Number of Employees	53,643	57,740
<u>AVERAGES PER MILES OF ROAD OPERATED</u>		
Operating Revenue	\$2,962.93	\$3,358.50
Operating Expenses	\$3,482.28	\$4,305.08
No. of Tons Moved One Mile (Rev. Fr.)	227,444	219,610
No. of Tons Moved One Mile (All Fr.)	258,941	263,366
<u>AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight Revenue	\$4.42	\$4.21
No. of Tons of Freight (Rev. Fr.)	446.3	370.9
No. of Tons of Freight (All Fr.)	508.1	444.7
Loaded Freight Cars	19.5	17.3
Empty Freight Cars	9.2	9.1
<u>AVERAGES PER PASS. TRAIN MILE</u>		
Passenger Train Revenue	\$1.82	\$1.98
Passengers Carried	46.3	48.5
Passenger Cars	6.9	6.7
Average Operating Expenses per train mile	\$3.83	\$4.20
Average Length of Haul (Rev. Fr.) Miles	418.2	363.3
Average Passenger Journey Miles	52.6	54.9
Average Tons per loaded Fr. Car	26.0	25.7
Av. Fr. Receipt per Rev. Ton Mile	.990¢	1.134¢
Av. Passenger Receipt per Pass. Per Mile	2.700¢	2.979¢
Ratio of Pay Roll to Operating Revenues	73.6%	78.3%
Ratio of Pay Roll to Operating Expenses	62.6%	61.1%
Ratio of Operating Expenses to Revenues	117.53%	128.18%

# - Contains a proportion of mixed train mile





## OPERATING REVENUES, EXPENSES &amp; STATISTICS

CANADIAN PACIFIC RY.  
(Montreal & Atlantic Ry., Esquimalt & Nanaimo Ry.)

For the six Months January to June

	1922	1921
<b>OPERATING REVENUES</b>		
Freight	\$52,226,120.83	\$54,595,041.10
Passenger	15,162,104.66	19,596,264.08
Mail	1,803,012.72	1,536,548.00
Expenses	2,689,282.46	3,824,981.33
Other Freight Train	27,317.31	26,986.39
Other Passenger Train	1,681,825.11	1,850,770.37
Water Line	614,416.61	673,521.39
All Other	3,282,861.62	3,552,290.09
Total Railway Operating Revenues	77,486,941.52	85,656,402.75
<b>OPERATING EXPENSES</b>		
Maint. of Way and Structures	\$11,691,211.23	\$10,914,128.42
Maint. of Equipment	15,393,806.89	16,529,225.69
Traffic	3,517,104.39	2,863,647.08
Transportation	33,765,230.15	38,789,029.48
Misc. Operations	1,262,158.04	1,369,041.22
General	1,808,578.41	1,938,680.67
Trans. for Investment		
Total Railway Operating Expenses	67,438,089.11	72,403,752.56
<b>OPERATING INCOME</b>		
Net Operating Revenue	\$10,048,852.41	\$13,252,650.19
Railway Tax Accruals	1,480,936.88	1,379,549.27
Uncollectable Revenues		
Hire of Equipment	Cr. 1,367,214.64	Cr. 1,114,252.08
Joint Facilities Rents	Cr. 127,708.71	Cr. 135,216.22
Operating Income	10,062,838.88	13,122,569.22
<b>OPERATING STATISTICS</b>		
Average Miles of Road Operated	13,877	13,781
No. of Tons Carried (Rev. Fr.)	12,533,595	12,454,204
No. of Tons Carried One Mile (Rev. Fr.)	4,518,450,580	4,202,453,569
No. of Tons Carried (All Fr.)	15,330,068	15,694,809
No. of Tons Carried One Mile (All Fr.)	5,023,371,448	4,829,385,614
No. of Revenue Pass. Carried	6,948,706	7,597,905
No. of Revenue Pass. Carried One Mile	516,444,314	617,242,641
#Freight Train Miles	9,138,966	8,815,646
#Passenger Train Miles	9,411,116	9,471,769
Total Train Miles (Rev. & Non Rev.)	18,928,752	18,551,133
Freight Car Miles-Loaded	200,183,036	186,457,773
Freight Car Miles-Empty	76,644,460	69,706,938
Passenger Train Car Miles	63,718,954	67,038,412
Total amount of Pay Roll	\$38,805,299.98	\$41,705,918.66
Number of Employees	55,222	53,995
<b>AVERAGES PER MILE OF ROAD OPERATED</b>		
Operating Revenue	\$5,583.84	\$6,215.54
Operating Expenses	\$4,859.70	\$5,253.88
No. of Tons Moved One Mile (Revenue)	325,607	304,945
No. of Tons Moved One Mile (All Fr.)	361,993	350,438
<b>AVERAGES PER FREIGHT TRAIN MILE</b>		
Freight Revenue	\$5.72	\$6.20
No. of Tons of Freight (Revenue)	494.4	476.7
No. of Tons of Freight (All Fr.)	549.7	547.8
Loaded Freight Cars	21.9	21.2
Empty Freight Cars	8.4	7.9
<b>AVERAGES PER PASS. TRAIN MILE</b>		
Passenger Train Revenue	\$2.27	\$2.83
Passengers Carried	54.9	65.2
Passenger Cars	6.8	7.1
Average Operating Expenses per train mile	\$3.56	\$3.90
Average Length of Haul (Rev. Fr.) Miles	357.7	337.2
Average Passenger Journey Miles	74.3	81.2
Average Tons per loaded Fr. Car	25.1	25.9
Av. Fr. Receipt per Rev. Ton Miles	1.156	1.299
Av. Passenger Receipt per Pass. per Mile	2.936	3.175
Ratio of Pay Roll to Operating Revenues	50.1%	48.7%
Ratio of Pay Roll to Operating Expenses	57.5%	57.6%
Ratio of Operating Expenses to Revenue	87.03%	84.53%

# - Contains a proportion of mixed train miles





## OPERATING REVENUES, EXPENSES &amp; STATISTICS

## GRAND TRUNK RAILWAY

For the Six Months January to June, 1922.

	1922	1921
<u>OPERATING REVENUES</u>		
Freight	\$25,348,965.00	\$25,558,579.24
Passenger	6,105,995.00	7,246,072.75
Mail	604,000.00	507,036.25
Express	1,306,500.00	1,626,002.21
Other Freight Train		
Other Passenger Train	181,856.50	241,712.82
Water Line		
All Other	798,143.50	866,208.03
Total Railway Operating Revenues	34,345,460.00	36,345,611.30
<u>OPERATING EXPENSES</u>		
Maint. of Way and Structures	3,937,509.37	5,329,472.40
Maint. of Equipment	7,953,996.26	9,314,692.06
Traffic	781,755.72	843,546.67
Transportation	15,999,873.81	17,802,983.12
Misc. Operations	191,223.73	207,577.00
General	1,297,846.88	1,522,493.64
Transf. for Investment	Cr. 17,692.90	1,838.54
Total Railway Operating Expenses	30,144,513.37	35,018,876.35
<u>OPERATING INCOME</u>		
Net Operating Revenue	4,200,946.63	1,326,734.95
Railway Tax Accruals	665,100.00	640,014.00
Uncollectable Revenues	20,297.58	4,431.66
Hire of Equipment	Cr. 1,428,899.32	Cr. 635,721.72
Joint Facilities Rents	Cr. 284,043.89	Cr. 332,751.86
Operating Income	5,228,492.26	1,650,792.87
<u>OPERATING STATISTICS</u>		
Average Miles of Road Operated	3,612	3,612
No. of Tons Carried (Rev. Fr.)	10,433,459	10,409,789
No. of Tons Carried one Mile (Rev. Fr.)	2,014,560,295	1,858,950,199
No. of Tons Carried (All Fr.)	11,867,363	12,029,160
No. of Tons Carried one Mile (All Fr.)	2,141,837,120	1,995,950,955
No. of Revenue Pass. Carried	5,150,748	5,585,944
No. of Revenue Pass. Carried One Mile	212,713,326	230,874,615
Freight Train Miles	4,705,046	4,574,183
Passenger Train Miles	3,720,422	3,898,871
Total Train Miles (Rev. & Non Rev.)	8,425,468	8,473,054
Freight Car Miles-Loaded	97,930,254	83,753,285
Freight Car Miles-Empty	48,972,750	50,674,404
Passenger Train Car Miles	21,374,314	22,506,506
Total Amount of Pay Roll	\$ 20,369,770.25	\$ 23,560,430.45
Number of Employees	27,339	26,792
<u>AVERAGES PER MILES OF ROAD OPERATED</u>		
Operating Revenue	\$9,508.71	\$10,062.46
Operating Expenses	\$8,345.65	\$ 9,695.14
No. of Tons Moved One Mile (Rev. Fr.)	557,741	514,659
No. of Tons Moved One Mile (All Fr.)	592,978	552,588
<u>AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight Revenue	\$5.39	\$5.65
No. of Tons of Freight (Rev. Fr.)	428.2	406.4
No. of Tons of Freight (All Fr.)	455.2	436.4
Loaded Freight Cars	20.8	18.3
Empty Freight Cars	10.4	11.1
<u>AVERAGES PER PASS. TRAIN MILE</u>		
Passenger Train Revenue	\$2.20	\$2.47
Passengers Carried	57.2	50.2
Passenger Cars	5.7	5.8
Average Operating Expenses per train mile	\$3.58	\$4.12
Average Length of Haul (Rev. Fr.) Miles	193.1	178.6
Average Passenger Journey Miles	41.3	41.3
Average Tons per loaded Fr. Car	21.9	23.8
Av. Fr. Receipt per Rev. Ton Miles	1.2584	1.3914
Av. Passenger Receipt per Pass. per mile	2.8714	3.1384
Ratio of Pay Roll to Operating Revenues	59.3%	64.8%
Ratio of Pay Roll to Operating Expenses	67.6%	67.3%
Ratio of Operating Expenses to Revenue	87.77%	96.34%

# - Contains a proportion of mixed train miles.

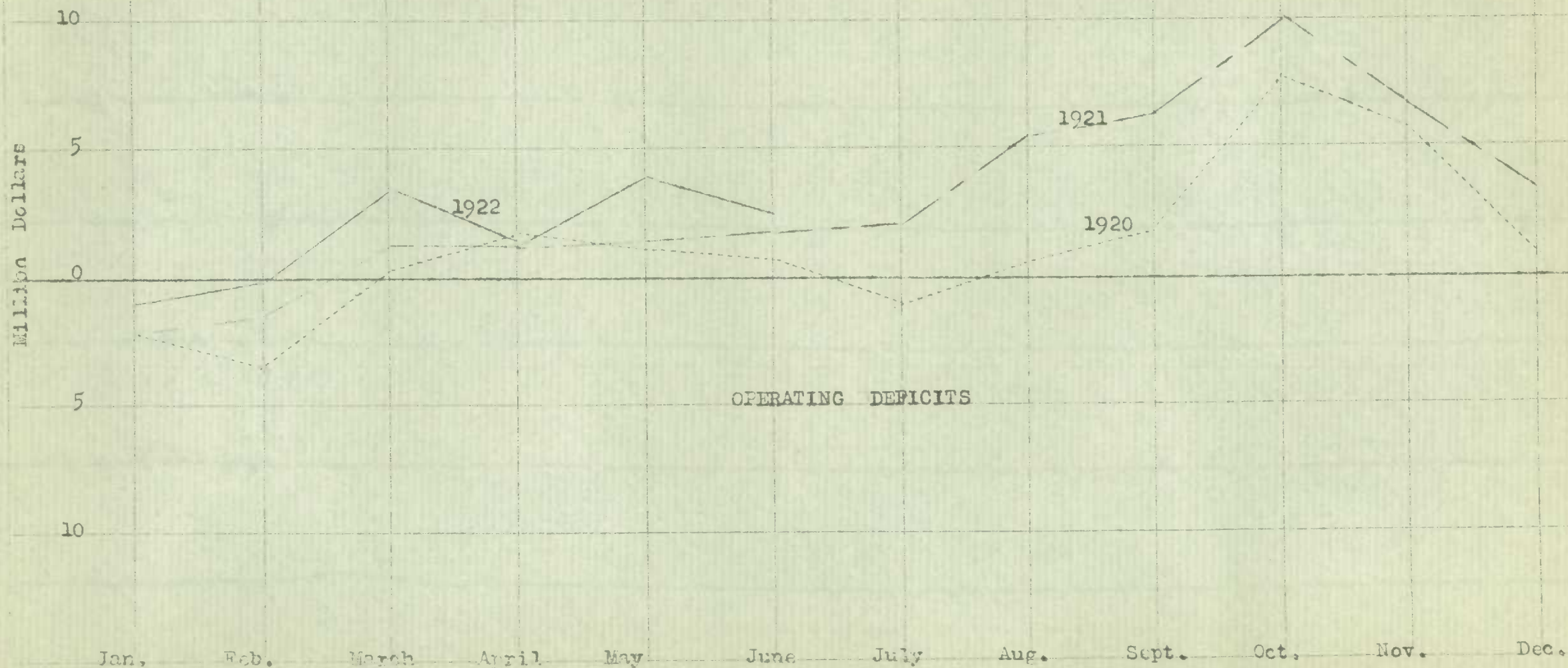




# NET OPERATING REVENUES OF

## RAILWAYS OF CANADA

With an annual Operating Income of \$500,000 and over







OPERATING REVENUES  
OF

RAILWAYS IN CANADA

With an annual Operating Income of \$500,000 and over

Million Dollars

