

Harbour Traffic.—The freight movement through a large port takes a number of different forms. The overseas movement, i.e., the freight loaded into or unloaded from sea-going vessels, frequently constitutes a surprisingly small part of the total. Usually the volume coming in and going out by coastwise vessels is larger. Then there is the 'in transit' movement in vessels that pass through the harbour without loading or unloading. Finally there is the movement from one point to another within the harbour, which in many ports amounts to a large volume. It is not possible to obtain statistics of the total freight handled in all the ports and harbours of Canada, as many of them are small and without the staff necessary to obtain a detailed record of freight handled. The National Harbours Board reports annually the water-borne cargo loaded and unloaded at the eight ports under its control. Six of these are among the principal ports of Canada and the cargo handled in each is shown in Table 15. The figures include freight carried by coastwise and inland international, as well as by sea-going shipping; they include all cargo loaded or unloaded whether by facilities under the Board or at private docks and terminals in these ports. Cross-harbour movements, ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage are excluded.

15.—Principal Commodities in Water-Borne Cargo Landed from and Loaded to Vessels at each of Six Principal Ports, 1917 and 1918

Port and Commodity	1917		1918	
	Inward tons	Outward tons	Inward tons	Outward tons
Montreal—				
Grain.....	322,578	1,827,029	548,041	1,728,488
Coal, bituminous.....	1,128,739	38	1,257,444	—
Gasoline.....	316,939	674,916	500,568	841,533
Flour, wheat.....	19,713	840,145	9	588,220
Petroleum oil, fuel.....	445,459	523,935	390,978	519,407
Petroleum oil, crude.....	510,054	316,804	1,248,895	464,226
Sugar, raw.....	217,298	—	248,245	10
Motor-vehicles and parts.....	2,590	132,412	16,747	98,725
Lumber (planks, boards and flooring) and square timber.....	10,900	108,723	7,631	59,043
Meats, canned, cured, prepared or preserved.....	290	109,919	388	49,701
Petroleum oil, refined, not otherwise specified.....	4	79,821	7	78,117
Manganese ore.....	38,640	65,558	32,037	23,016
Railway equipment, not otherwise specified.....	44	13,936	8	29,405
Paper, newsprint.....	1,989	101,729	565	40,361
Phosphate rock.....	71,045	13,700	28,191	—
Kerosene.....	368,772	23,787	136,786	12,310
Cement, common or portland.....	1,366	99,608	12,171	99,207
Pulpboard (except wallboard).....	1	31,362	—	37,228
Gypsum, crude.....	102,183	8,680	135,753	10,850
Coal, anthracite.....	43,174	9,684	102,926	6,610
Molasses.....	54,101	6,237	42,137	—
Iron ore.....	114,548	87,510	9	588,220
Wood-pulp.....	2,711	54,511	816	46,301
Cheese.....	32	28,147	133	22,381
Totals, 24 Commodities.....	3,773,170	5,158,191	4,710,485	5,343,359
Grand Totals, All Commodities.....	4,323,466	6,484,407	5,508,386	6,129,734
Vancouver—				
Grain.....	—	1,336,909	—	1,121,772
Logs, masts, piling, pitprops, poles, posts, spars and ties (railway).....	1,103,301	164,696	1,193,686	177,521
Petroleum oil, crude.....	972,498	—	1,146,562	—
Petroleum oil, fuel.....	588,464	316,944	428,306	350,943
Lumber (planks, boards and flooring) and square timber.....	499,022	411,938	547,715	351,234
Sand and gravel.....	384,093	19,491	393,748	10,526
Paper, newsprint.....	209,827	19,487	199,410	18,935
Gasoline.....	181,080	136,982	201,940	150,983
Coal, bituminous.....	135,392	37,057	112,742	169,931