

the larger transportation problems of the Continent. During World War I, the great expectations based upon the opening of the Canal were not realized, owing to the scarcity of shipping. However, with the post-war decline in ocean freight rates, an increase in traffic between Canada's Pacific ports and Europe took place and, while the proportion carried in vessels of Canadian registry was comparatively small, the cargo tonnage, nevertheless, assumed considerable proportions. During World War II, the volume of Canadian traffic through the Canal was again reduced but has since increased considerably.

14.—Traffic to and from the East and West Coasts of Canada via the Panama Canal, Years Ended June 30, 1944-53

NOTE.—Figures for the years 1921-28 are given in the 1938 Year Book, p. 707, and those for 1929-43 in the 1948-49 edition, p. 738.

Year	Originating on—		Destined for—		Year	Originating on—		Destined for—	
	West Coast	East Coast	West Coast	East Coast		West Coast	East Coast	West Coast	East Coast
	long tons	long tons	long tons	long tons		long tons	long tons	long tons	long tons
1944 ¹	363,220	17,283	30,044	—	1949.....	2,298,492	188,506	154,524	145,477
1945 ¹	679,079	65,395	366,118	30,540	1950.....	2,707,047	185,076	226,673	143,395
1946.....	1,756,989	184,850	111,161	62,516	1951.....	2,910,246	240,904	372,534	142,741
1947.....	2,981,348	316,898	132,521	99,745	1952.....	3,644,888	287,872	281,960	114,319
1948.....	2,824,394	244,121	162,561	67,215	1953.....	3,560,925	532,810	341,548	219,567

¹ Approximate—exact figures not available.

15.—Commercial Traffic through the Panama Canal, Years Ended June 30, 1944-53

NOTE.—Figures from 1915 are given in the corresponding table of previous Year Books beginning with the 1938 edition.

Year	Atlantic to Pacific		Pacific to Atlantic		Totals	
	Vessels	Cargo Tonnage	Vessels	Cargo Tonnage	Vessels	Cargo Tonnage
	No.	long tons	No.	long tons	No.	long tons
1944.....	671	3,354,349	891	3,649,138	1,562	7,003,487
1945.....	924	4,234,935	1,015	4,368,672	1,939	8,603,607
1946.....	1,516	6,118,085	2,231	8,859,855	3,747	14,977,940
1947.....	2,021	8,294,820	2,239	13,375,698	4,260	21,670,518
1948.....	2,286	8,679,140	2,392	15,438,648	4,678	24,117,788
1949.....	2,387	9,899,088	2,406	15,406,070	4,793	25,305,158
1950.....	2,689	9,483,863	2,759	19,388,430	5,448	28,872,293
1951.....	2,784	11,132,472	2,809	18,940,550	5,593	30,073,022
1952.....	3,184	15,128,995	3,340	18,481,514	6,524	33,610,509
1953.....	3,674	17,329,066	3,736	18,766,283	7,410	36,095,349

Subsection 4.—Aids to Navigation

Included under aids to navigation are the lighthouses and the whole system of marine danger signals on the east and west coasts of Canada, on Hudson Bay and Strait, the St. Lawrence River and Gulf, the inland rivers and lakes, and at the entrances to harbours—a very extensive system designed to provide safe navigation in all Canadian waters. In addition, a pilotage service is maintained in waters where navigation is difficult; this service is described under Marine Services at p. 882. As a further aid to safe navigation, there are chains of radio signal and