

62.—Number of Seamen Shipped and Discharged at Canadian Ports, calendar years 1908-1922.

Years.	Seamen Shipped.	Seamen Discharged.	Years.	Seamen Shipped.	Seamen Discharged.
1908.....	18,013	11,542	1915.....	22,797	14,319
1909.....	20,502	11,573	1916.....	20,902	16,689
1910.....	16,735	11,069	1917.....	16,998	14,145
1911.....	13,748	11,301	1918.....	16,516	12,930
1912.....	13,708	11,290	1919.....	18,208	13,649
1913.....	16,975	13,749	1920.....	22,569	19,719
1914.....	18,987	14,989	1921.....	18,444	17,103
			1922.....	25,689	24,558

Wrecks and Casualties.—The statement in Table 63, supplied by the Department of Marine, applies to vessels of every nationality in respect of wrecks and casualties in Canadian waters and to Canadian vessels in respect of wrecks and casualties in other waters. The returns in some years cover wrecks and casualties of previous years.

63.—Canadian Wrecks and Casualties for 1870-1900, for the years ended June 30, 1901-1917, and for the calendar years 1918-1922.

Years.	Casualties.	Net tonnage.	Lives lost.	Stated damages.	Years.	Casualties.	Net tonnage.	Lives lost.	Stated damages.
	No.	Tons.	No.	\$		No.	Tons.	No.	\$
1870-1900.....	9,670	3,577,367	5,096	61,525,760	1913.....	275	270,905	160	1,963,870
1901.....	136	47,181	126	285,782	1914.....	255	210,368	1,083 ¹	4,983,775
1902.....	222	105,814	132	835,916	1915.....	280	214,036	70	1,459,012
1903.....	237	162,297	32	409,991	1916.....	308	242,996	67	1,377,442
1904.....	192	81,143	9	489,699	1917.....	239	715,384	152	4,850,145 ²
1905.....	178	79,588	15	621,267	1918.....	226	312,928	402 ³	1,818,895
1906.....	220	139,586	149	573,420	1919.....	240	205,720	100	1,808,690
1907.....	317	131,441	55	672,466	1920.....	227	222,928	28	1,643,825
1908.....	307	120,269	34	1,390,891	1921.....	260	588,503	38	1,809,328
1909.....	343	189,906	24	1,131,966	1922.....	277	604,423	27	451,312
1910.....	321	211,565	101	1,569,580	1923.....	376	480,713	50	3,184,749
1911.....	271	122,619	48	942,093					
1912.....	293	269,569	59	1,053,768	Total.....	15,670	9,307,249	8,057	96,853,642

NOTE.—For details for the years 1870-1900, see Canada Year Book, 1911, p. 381.

¹ Includes 1,042 lives lost in the "Empress of Ireland" disaster. ² Excluding damage to cargo estimated at \$4,310,350. ³ Includes 328 lives lost in the "Princess Sophia" disaster.

64.—Comparative Statement of Marine Danger Signals, fiscal years ended Mar. 31, 1913-1923.

Description.	1913.	1914.	1915.	1916.	1917.	1918.	1919.	1920.	1921.	1922.	1923.
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Lights.....	1,393	1,461	1,521	1,555	1,560	1,575	1,577	1,578	1,598	1,602	1,596
Light ships.....	12	12	12	12	12	9	9	9	9	9	9
Light boats.....	1	1	1	1	1	1	1	1	—	—	—
Light keepers.....	1,020	1,040	1,066	1,099	1,126	1,128	1,122	1,120	1,130	1,118	1,105
Fog whistles.....	14	13	11	11	11	11	10	9	8	8	8
Sirens.....	2	2	2	2	2	2	2	1	1	1	1
Diaphones.....	89	98	105	110	113	124	128	131	134	135	138
Fog bells.....	26	26	29	31	32	30	29	32	33	35	36
Hand fog horns.....	145	150	148	151	156	154	156	149	148	148	148
Hand fog bells.....	3	3	3	3	3	5	5	4	4	4	4
Gas and whistling buoys.....	299	319	336	327	330	334	339	336	343	345	349
Whistling buoys.....	29	30	31	31	32	32	31	31	30	29	30
Bell buoys.....	71	82	86	89	87	87	86	89	90	90	92
Submarine bells.....	10	13	21	22	22	18	15	12	11	7	7
Fog guns and bombs.....	9	9	9	8	8	8	6	7	7	7	7
Fog horns.....	11	12	10	7	5	3	3	1	1	1	—
Fog alarm stations.....	12	11	12	13	13	13	12	13	13	13	12

NOTE.—Besides the foregoing, in 1923 there were 50 lighted spar-buoys, floats and dolphins, 5,109 unlighted buoys and 419 unlighted tripods, floats, dolphins, spindles and beacons.