

Wrecks and Casualties.—The figures of Table 71, supplied by the Department of Marine, apply 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. Statistics of marine danger signals appear in Table 72.

71.—Canadian Wrecks and Casualties, years ended June 30, 1911-17, and calendar years 1918-34.

NOTE.—For details of the years 1870-1910, see Canada Year Book, 1911, p. 381.

Year.	Casualties.	Net Tonnage.	Lives Lost.	Stated Damages.	Year.	Casualties.	Net Tonnage.	Lives Lost.	Stated Damages.
	No.	tons.	No.	\$		No.	tons.	No.	\$
1911.....	271	122,619	48	942,093	1923.....	376	480,713	50	3,184,749
1912.....	293	269,569	59	1,053,768	1924.....	224	215,470	54	4,355,217
1913.....	275	270,905	160	1,963,870	1925.....	298	305,798	53	3,317,020
1914.....	255	210,368	1,083 ¹	4,983,775	1926.....	300	293,310	91	4,630,267
1915.....	280	214,036	70	1,459,012	1927.....	434	566,011	128	6,879,825
1916.....	308	242,996	67	1,377,442	1928.....	504	558,251	64	5,418,236
1917.....	239	715,384	152	4,850,145 ²	1929.....	451	459,394	12	4,740,620
1918.....	226	312,928	402 ³	1,818,895	1930.....	551	447,169	66	3,077,009
1919.....	240	205,720	100	1,808,690	1931.....	477	404,157	7	2,696,019
1920.....	227	222,928	28	1,643,825	1932.....	452	406,194	40	3,478,575
1921.....	260	588,503	38	1,809,328	1933.....	445	372,545	19	1,292,618
1922.....	277	604,423	27	451,312	1934.....	484	400,714	39	1,716,294

¹ Includes 1,042 lives lost in the *Empress of Ireland* disaster. estimated at \$4,310,350.

² Excluding damage to cargo

³ Includes 328 lives lost in the *Princess Sophia* disaster.

72.—Comparative Statement of Marine Danger Signals, fiscal years ended Mar. 31, 1924-35.

NOTE.—In addition to the aids to navigation listed in the following table, approximately 9,205 unlighted buoys, balises, dolphins and beacons are maintained.

Description.	1924.	1925.	1926.	1927.	1928.	1929.	1930.	1931.	1932.	1933.	1934.	1935.
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Lights.....	1,627	1,654	1,675	1,725	1,771	1,815	1,855	1,912	1,923	1,922	1,924	1,920
Lightships.....	10	10	10	11	11	11	11	11	11	11	11	12
Lightkeepers.....	1,119	1,134	1,143	1,156	1,179	1,192	1,207	1,227	1,230	1,230	1,226	1,223
Fog whistles.....	9	8	8	8	6	8	8	8	8	8	8	8
Sirens.....	1	1	1	2	2	2	2	2	2	2	2	2
Diaphones.....	140	146	146	147	153	158	162	165	170	171	171	170
Fog bells.....	35	35	36	35	36	38	38	38	38	38	38	38
Hand fog horns.....	147	149	148	148	151	147	151	152	153	154	154	155
Hand fog bells.....	4	4	4	5	4	4	4	4	4	4	4	4
Gas, whistling and bell buoys.....	359	374	374	380	401	411	425	429	436	444	440	438
Whistling buoys.....	30	32	34	36	38	40	40	40	42	42	41	41
Bell buoys.....	95	98	99	101	104	111	119	119	119	122	122	122
Submarine bells.....	7	7	6	6	6	4	4	3	2	2	2	2
Fog guns and bombs.....	7	6	6	6	6	5	5	5	5	5	5	4
Fog alarm stations only.	12	13	13	13	13	13	13	13	13	13	13	13

Section 7.—Merchant Marine Services Operated by the Canadian Government.*

Canadian Government Merchant Marine.—The circumstances under which the Canadian Government became possessed of and responsible for the operations of a merchant marine are explained on p. 776 of the 1934-35 Year Book.

This merchant fleet reached its greatest development in 1924 and at Dec. 31 of that year numbered 57 vessels of a total deadweight tonnage of 353,450, representing an original capital investment of \$79,661,921. At Dec. 31, 1934, the fleet com-

*Revised under the direction of Geo. W. Yates, Assistant Deputy Minister Department of Railways and Canals.