

Table 1
Marine occurrences (types, vessels and losses involved)

	December			Year to date (December)		
	2020	2019	2015-2019 average	2020	2019	2015-2019 average
Accidents	29	21	20	262	267	278
Shipping accidents by type	27	15	16	219	207	230
Capsize	1	0	1	3	8	8
Collision	9	4	5	95	72	78
Fire/Explosion	4	3	3	36	32	35
Grounding	7	6	4	47	51	57
Sank	3	0	2	19	18	22
Sustains damage render unseaworthy/ Unfit for purpose	3	2	1	18	26	29
Other shipping accident types	0	0	0	1	0	1
Accidents aboard ship	2	6	4	43	60	48
Vessels involved in shipping accidents by type of vessel	33	16	19	254	230	263
Barge	5	2	2	25	18	20
Cargo - liquid	1	0	0	6	7	9
Cargo - solid	6	7	4	62	57	44
Ferry	3	2	0	15	17	15
Fishing	10	5	7	75	59	79
Passenger	0	0	1	12	21	17
Service ship	2	0	2	20	21	33
Tug	4	0	2	21	7	20
Other vessel types	2	0	2	18	23	26
Vessels involved in shipping accidents by vessel flag	33	16	19	254	230	263
Canadian non-fishing vessels	22	5	9	140	124	148
Canadian fishing vessels	10	5	7	72	57	76
Foreign vessels	1	6	4	42	49	39
Vessels lost by gross tonnage	2	0	1	13	8	15
1600 gross tons and over	0	0	0	0	0	0
150 to 1599 gross tons	0	0	0	0	0	1
60 to 149 gross tons	0	0	0	2	1	3
15 to 59 gross tons	2	0	0	3	1	3
Less than 15 gross tons	0	0	1	7	6	6
Unknown tonnage	0	0	0	1	0	2
Fatalities	7	1	0	18	17	15
Shipping accidents	7	0	0	12	4	8
Accidents aboard ship	0	1	0	6	13	7
Serious injuries	3	5	4	41	53	50
Shipping accidents	0	0	0	2	10	8
Accidents aboard ship	3	5	4	39	43	42
Occurrences with a dangerous good release*	0	0	0	4	2	6
Reportable incidents by type	97	90	81	925	948	848
Bottom contact	2	3	3	15	33	34
Cargo shift/Cargo loss	1	1	1	3	3	5
Person overboard	1	1	0	5	14	12
Risk of collision (near collision)	1	1	2	66	54	50
Risk of sinking	3	4	3	31	13	18
Total failure of any machinery or technical system**	88	75	69	756	799	695
Other incident types	1	5	3	49	32	34

Data extracted 15 January 2021

In November 2013, the Transportation Safety Board developed and deployed a new Marine Database. The new database significantly improves the TSB's ability to collect, categorize and present statistics. In accordance with these changes the 2014 statistical summary onward will be presented in a slightly different format.

New TSB regulations came into effect on July 1, 2014, changing some reporting requirements.

* Under new reporting requirements the release of dangerous goods has been harmonized with Part 8 of the Transportation of Dangerous Goods Regulations. Detailed data was not collected prior to July 1, 2014.

** New regulations clarify the reporting requirements for a total failure of any machinery or technical system.

Table 2
Details of occurrences, losses and vessels involved by region

	December			Year to date (December)		
	2020	2019	2015-2019 average	2020	2019	2015-2019 average
Pacific region						
Shipping accidents	9	2	7	85	79	104
Accidents aboard ship	1	3	1	16	15	13
Vessels involved in shipping accidents	12	3	8	101	90	122
Barge/Tug	7	1	2	30	16	30
Cargo / Tanker	1	0	1	16	13	10
Ferry/Passenger	0	1	1	10	16	15
Fishing	1	1	2	23	23	33
Other vessel types	3	0	2	22	22	35
Vessels lost	1	0	1	4	2	7
Fatalities	0	1	0	4	8	7
Reportable incidents	13	24	17	257	234	264
Central region						
Shipping accidents	6	8	4	71	68	62
Accidents aboard ship	1	1	2	17	19	15
Vessels involved in shipping accidents	7	8	4	82	75	70
Barge/Tug	0	1	1	10	7	7
Cargo / Tanker	5	6	3	40	38	32
Ferry/Passenger	1	1	0	10	17	12
Fishing	0	0	0	14	1	7
Other vessel types	1	0	0	8	12	12
Vessels lost	0	0	0	1	0	1
Fatalities	0	0	0	1	3	2
Reportable incidents	29	17	18	284	284	201
Atlantic region						
Shipping accidents	10	5	6	53	53	56
Accidents aboard ship	0	2	1	9	22	17
Vessels involved in shipping accidents	11	5	7	59	58	63
Barge/Tug	0	0	1	3	2	2
Cargo / Tanker	0	1	0	4	6	5
Ferry/Passenger	2	0	0	7	5	5
Fishing	9	4	5	38	35	39
Other vessel types	0	0	1	7	10	12
Vessels lost	1	0	0	8	6	7
Fatalities	7	0	0	13	6	7
Reportable incidents	55	47	45	372	412	369
Foreign waters						
Shipping accidents	2	0	0	10	7	8
Accidents aboard ship	0	0	0	1	4	2
Vessels involved in shipping accidents	3	0	0	12	7	9
Barge/Tug	2	0	0	3	0	2
Cargo / Tanker	1	0	0	8	7	6
Ferry/Passenger	0	0	0	0	0	0
Fishing	0	0	0	0	0	1
Other vessel types	0	0	0	1	0	1
Vessels lost	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0
Reportable incidents	0	2	1	12	18	14

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