

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

	October			Year to date (October)		
	2020	2019	2015-2019 average	2020	2019	2015-2019 average
Accidents	17	23	27	210	218	236
Shipping accidents by type	12	20	23	172	169	195
Capsize	0	2	1	2	8	7
Collision	4	3	8	76	58	65
Fire/Explosion	2	4	3	29	27	29
Grounding	3	3	6	36	39	50
Sank	1	2	2	14	14	17
Sustains damage render unseaworthy/ Unfit for purpose	2	6	3	14	23	26
Other shipping accident types	0	0	0	1	0	1
Accidents aboard ship	5	3	4	38	49	41
Vessels involved in shipping accidents by type of vessel	14	21	28	197	190	223
Barge	1	1	2	16	11	15
Cargo - liquid	1	0	1	5	5	8
Cargo - solid	2	5	4	51	47	37
Ferry	2	2	1	10	13	14
Fishing	3	3	6	60	47	67
Passenger	1	3	3	11	20	16
Service ship	1	2	4	16	19	28
Tug	1	3	4	15	6	18
Other vessel types	2	2	2	13	22	21
Vessels involved in shipping accidents by vessel flag	14	21	28	197	190	223
Canadian non-fishing vessels	10	17	18	102	107	127
Canadian fishing vessels	3	3	6	57	45	65
Foreign vessels	1	1	4	38	38	31
Vessels lost by gross tonnage	2	0	1	9	7	13
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	0	0	0	0	1	2
Less than 15 gross tons	2	0	0	6	5	5
Unknown tonnage	0	0	0	1	0	2
Fatalities	0	0	2	11	16	15
Shipping accidents	0	0	1	5	4	8
Accidents aboard ship	0	0	1	6	12	6
Serious injuries	5	3	3	35	39	43
Shipping accidents	0	0	0	2	6	7
Accidents aboard ship	5	3	3	33	33	35
Occurrences with a dangerous good release*	0	0	1	3	2	5
Reportable incidents by type	67	62	59	757	801	715
Bottom contact	1	1	3	12	25	28
Cargo shift/Cargo loss	0	0	0	1	2	4
Person overboard	0	1	1	4	12	11
Risk of collision (near collision)	6	5	5	61	52	46
Risk of sinking	2	0	3	25	8	14
Total failure of any machinery or technical system**	56	54	45	610	675	586
Other incident types	2	1	2	44	27	27

Data extracted 17 November 2020

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

	October			Year to date (October)		
	2020	2019	2015-2019 average	2020	2019	2015-2019 average
Pacific region						
Shipping accidents	4	6	12	67	63	89
Accidents aboard ship	0	2	1	15	11	11
Vessels involved in shipping accidents	5	7	16	77	72	104
Barge/Tug	1	2	4	20	10	24
Cargo / Tanker	0	0	1	13	11	8
Ferry/Passenger	1	1	2	9	13	13
Fishing	0	1	3	20	19	29
Other vessel types	3	3	5	15	19	29
Vessels lost	1	0	1	3	1	6
Fatalities	0	0	2	4	7	6
Reportable incidents	21	18	20	214	191	229
Central region						
Shipping accidents	6	8	5	58	57	54
Accidents aboard ship	4	0	1	15	15	12
Vessels involved in shipping accidents	7	8	6	67	64	61
Barge/Tug	1	2	1	7	6	6
Cargo / Tanker	3	3	3	33	30	26
Ferry/Passenger	2	3	1	7	15	11
Fishing	1	0	0	14	1	7
Other vessel types	0	0	0	6	12	10
Vessels lost	0	0	0	1	0	1
Fatalities	0	0	0	1	3	2
Reportable incidents	23	17	16	227	248	165
Atlantic region						
Shipping accidents	2	4	5	40	42	45
Accidents aboard ship	1	1	2	8	20	16
Vessels involved in shipping accidents	2	4	5	45	47	50
Barge/Tug	0	0	0	3	1	1
Cargo / Tanker	0	0	0	4	4	5
Ferry/Passenger	0	1	1	5	5	5
Fishing	2	2	2	26	27	31
Other vessel types	0	1	1	7	10	9
Vessels lost	1	0	0	5	6	6
Fatalities	0	0	0	6	6	6
Reportable incidents	22	26	21	304	348	309
Foreign waters						
Shipping accidents	0	2	1	7	7	7
Accidents aboard ship	0	0	0	0	3	2
Vessels involved in shipping accidents	0	2	1	8	7	9
Barge/Tug	0	0	0	1	0	1
Cargo / Tanker	0	2	1	6	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	1	1	1	12	14	12

Data extracted 17 November 2020

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.