

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

	November			Year to date (November)		
	2019	2018	2014-2018 average	2019	2018	2014-2018 average
Accidents	27	26	20	245	262	266
Shipping accidents by type	22	21	16	191	208	223
Capsize	0	0	0	8	10	6
Collision	9	12	6	66	71	76
Fire/Explosion	2	2	3	29	29	32
Grounding	6	4	2	45	56	56
Sank	4	1	3	17	23	21
Sustains damage render unseaworthy/ Unfit for purpose	1	2	2	26	19	31
Other shipping accident types	0	0	0	0	0	1
Accidents aboard ship	5	5	4	54	54	43
Vessels involved in shipping accidents by type of vessel	23	24	18	213	235	255
Barge	5	5	2	16	22	17
Cargo - liquid	1	2	1	6	9	10
Cargo - solid	3	7	3	50	41	43
Ferry	2	0	1	16	10	16
Fishing	7	1	4	53	67	79
Passenger	1	0	0	21	14	14
Service ship	2	4	3	21	25	31
Tug	1	1	1	7	21	22
Other vessel types	1	4	3	23	26	23
Vessels involved in shipping accidents by vessel flag	23	24	18	213	235	255
Canadian non-fishing vessels	11	15	11	119	138	142
Canadian fishing vessels	7	1	4	51	63	77
Foreign vessels	5	8	3	43	34	35
Vessels lost by gross tonnage	1	0	1	8	14	16
1600 gross tons and over	0	0	0	0	1	0
150 to 1599 gross tons	0	0	0	0	0	1
60 to 149 gross tons	0	0	0	1	3	4
15 to 59 gross tons	0	0	0	1	2	3
Less than 15 gross tons	1	0	1	6	6	6
Unknown tonnage	0	0	0	0	2	3
Fatalities	0	0	1	16	22	14
Shipping accidents	0	0	0	4	14	8
Accidents aboard ship	0	0	1	12	8	6
Serious injuries	9	5	3	48	58	45
Shipping accidents	4	0	0	10	8	6
Accidents aboard ship	5	5	3	38	50	39
Occurrences with a dangerous good release*	0	0	0	2	8	N/A
Reportable incidents by type	57	63	48	856	823	731
Bottom contact	5	2	2	30	35	29
Cargo shift/Cargo loss	0	0	1	2	6	4
Person overboard	1	1	1	13	10	10
Risk of collision (near collision)	1	1	2	53	65	44
Risk of sinking	1	2	1	9	28	13
Total failure of any machinery or technical system**	49	53	38	722	638	604
Other incident types	0	4	4	27	41	26

Data extracted 16 December 2019

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

	November			Year to date (November)		
	2019	2018	2014-2018 average	2019	2018	2014-2018 average
Pacific region						
Shipping accidents	14	7	6	77	93	100
Accidents aboard ship	1	1	1	12	12	14
Vessels involved in shipping accidents	15	9	7	87	106	117
Barge/Tug	5	3	3	15	31	29
Cargo / Tanker	2	1	1	13	6	9
Ferry/Passenger	2	0	0	16	12	12
Fishing	3	1	1	21	30	34
Other vessel types	3	4	3	22	27	33
Vessels lost	1	0	0	2	3	8
Fatalities	0	0	0	7	7	6
Reportable incidents	19	16	15	208	236	233
Central region						
Shipping accidents	2	8	4	59	57	60
Accidents aboard ship	3	2	2	18	19	13
Vessels involved in shipping accidents	2	9	4	66	65	68
Barge/Tug	0	1	0	6	6	7
Cargo / Tanker	1	7	3	31	31	33
Ferry/Passenger	1	0	0	16	10	11
Fishing	0	0	0	1	8	7
Other vessel types	0	1	1	12	10	10
Vessels lost	0	0	0	0	2	1
Fatalities	0	0	0	3	1	2
Reportable incidents	19	32	15	267	241	155
Atlantic region						
Shipping accidents	6	4	5	48	43	55
Accidents aboard ship	0	2	1	20	21	15
Vessels involved in shipping accidents	6	4	6	53	48	61
Barge/Tug	1	1	0	2	2	1
Cargo / Tanker	1	0	0	5	4	5
Ferry/Passenger	0	0	0	5	2	6
Fishing	4	0	3	31	27	37
Other vessel types	0	3	2	10	13	11
Vessels lost	0	0	1	6	9	7
Fatalities	0	0	0	6	13	6
Reportable incidents	17	13	17	365	334	331
Foreign waters						
Shipping accidents	0	2	1	7	15	8
Accidents aboard ship	1	0	0	4	2	1
Vessels involved in shipping accidents	0	2	1	7	16	9
Barge/Tug	0	1	0	0	4	2
Cargo / Tanker	0	1	0	7	9	6
Ferry/Passenger	0	0	0	0	0	0
Fishing	0	0	0	0	2	1
Other vessel types	0	0	0	0	1	1
Vessels lost	0	0	0	0	0	0
Fatalities	0	0	0	0	1	0
Reportable incidents	2	2	1	16	12	12

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