

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

	July			Year to date (July)		
	2019	2018	2014-2018 average	2019	2018	2014-2018 average
Accidents	24	33	32	135	153	160
Shipping accidents by type	19	25	26	101	123	133
Capsize	2	3	1	5	8	5
Collision	4	8	9	37	35	44
Fire/Explosion	4	1	3	14	17	19
Grounding	6	5	8	23	30	31
Sank	1	6	2	8	17	12
Sustains damage render unseaworthy/ Unfit for purpose	2	2	2	14	16	22
Other shipping accident types	0	0	0	0	0	1
Accidents aboard ship	5	8	7	34	30	27
Vessels involved in shipping accidents by type of vessel	20	29	30	115	137	149
Barge	2	1	2	5	8	8
Cargo - liquid	1	0	1	5	5	7
Cargo - solid	1	5	6	28	27	28
Ferry	3	3	3	11	7	12
Fishing	4	10	9	25	43	49
Passenger	5	2	3	10	6	7
Service ship	0	1	1	13	12	16
Tug	1	2	2	2	10	10
Other vessel types	3	5	4	16	19	13
Vessels involved in shipping accidents by vessel flag	20	29	30	115	137	149
Canadian non-fishing vessels	14	17	17	65	81	81
Canadian fishing vessels	2	9	9	23	41	48
Foreign vessels	4	3	3	27	15	21
Vessels lost by gross tonnage	0	2	1	5	9	8
1600 gross tons and over	0	0	0	0	0	0
150 to 1599 gross tons	0	0	0	0	0	0
60 to 149 gross tons	0	0	0	1	2	2
15 to 59 gross tons	0	0	0	1	1	1
Less than 15 gross tons	0	1	1	3	5	3
Unknown tonnage	0	1	0	0	1	1
Fatalities	1	2	1	9	14	8
Shipping accidents	0	1	0	4	12	5
Accidents aboard ship	1	1	1	5	2	3
Serious injuries	5	8	6	28	35	27
Shipping accidents	1	0	0	6	4	2
Accidents aboard ship	4	8	6	22	31	24
Occurrences with a dangerous good release*	1	0	N/A	1	5	N/A
Reportable incidents by type	61	101	82	491	512	474
Bottom contact	4	3	3	21	19	15
Cargo shift/Cargo loss	1	1	0	1	5	3
Person overboard	0	0	2	7	4	6
Risk of collision (near collision)	10	17	9	23	36	23
Risk of sinking	0	2	1	8	20	7
Total failure of any machinery or technical system**	44	77	66	408	402	403
Other incident types	2	1	1	23	26	17

Data extracted 15 August 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

	July			Year to date (July)		
	2019	2018	2014-2018 average	2019	2018	2014-2018 average
Pacific region						
Shipping accidents	12	11	11	44	51	54
Accidents aboard ship	2	1	2	5	6	10
Vessels involved in shipping accidents	13	12	13	51	57	61
Barge/Tug	2	2	3	5	14	13
Cargo / Tanker	1	0	1	9	2	6
Ferry/Passenger	3	2	2	11	6	8
Fishing	4	3	4	12	15	17
Other vessel types	3	5	3	14	20	17
Vessels lost	0	0	0	1	2	4
Fatalities	0	0	0	1	4	3
Reportable incidents	21	27	30	119	129	139
Central region						
Shipping accidents	7	8	8	32	33	39
Accidents aboard ship	3	2	1	11	12	6
Vessels involved in shipping accidents	7	10	10	35	38	44
Barge/Tug	1	1	1	2	2	4
Cargo / Tanker	1	5	5	16	18	22
Ferry/Passenger	5	2	2	9	6	7
Fishing	0	1	1	0	5	5
Other vessel types	0	1	1	8	7	6
Vessels lost	0	0	0	0	1	1
Fatalities	1	0	0	2	1	1
Reportable incidents	37	28	16	179	131	90
Atlantic region						
Shipping accidents	0	5	6	21	27	35
Accidents aboard ship	0	5	3	15	12	10
Vessels involved in shipping accidents	0	5	6	25	29	39
Barge/Tug	0	0	0	0	0	0
Cargo / Tanker	0	0	0	4	4	4
Ferry/Passenger	0	1	2	1	1	4
Fishing	0	4	4	13	21	25
Other vessel types	0	0	1	7	3	5
Vessels lost	0	2	1	4	6	4
Fatalities	0	2	1	6	9	4
Reportable incidents	1	45	34	184	246	237
Foreign waters						
Shipping accidents	0	1	1	4	12	5
Accidents aboard ship	0	0	0	3	0	1
Vessels involved in shipping accidents	0	2	1	4	13	6
Barge/Tug	0	0	0	0	2	0
Cargo / Tanker	0	0	0	4	8	4
Ferry/Passenger	0	0	0	0	0	0
Fishing	0	2	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	0	0
Reportable incidents	2	1	2	9	6	7

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