

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

	September			Year to Date (September)		
	2016	2015	2011-2015 Average	2016	2015	2011-2015 Average
Accidents	26	25	22	207	197	213
Shipping accidents by type	24	23	20	178	168	176
Capsize	0	3	1	2	9	5
Collision	9	5	6	61	43	58
Fire/Explosion	5	4	3	32	24	26
Grounding	7	5	6	47	45	48
Sank	0	4	2	13	14	12
Sustains damage render unseaworthy/ Unfit for purpose	3	2	2	22	32	25
Other shipping accident types	0	0	0	1	1	2
Accidents aboard ship	2	2	2	29	29	37
Vessels involved in shipping accidents by type of vessel	28	27	23	209	185	200
Barge	3	2	2	18	10	9
Cargo - liquid	0	0	0	4	9	8
Cargo - solid	4	5	3	32	30	41
Ferry	0	0	1	16	14	13
Fishing	8	8	9	57	63	69
Passenger	1	2	1	11	15	12
Service ship	8	3	3	27	19	18
Tug	2	5	2	17	15	16
Other vessel types	2	2	1	27	10	12
Vessels involved in shipping accidents by vessel flag	28	27	23	209	185	200
Canadian non-fishing vessels	18	15	11	128	99	100
Canadian fishing vessels	8	8	9	57	62	67
Foreign vessels	2	4	3	24	24	33
Vessels lost by gross tonnage	1	5	3	9	19	16
1600 gross tons and over	0	0	0	0	0	0
150 to 1599 gross tons	0	1	0	0	2	1
60 to 149 gross tons	0	1	0	2	5	2
15 to 59 gross tons	1	1	1	2	4	5
Less than 15 gross tons	0	2	1	4	7	6
Unknown tonnage	0	0	0	1	1	1
Fatalities	0	3	1	3	12	12
Shipping accidents	0	3	1	0	7	5
Accidents aboard ship	0	0	0	3	5	7
Serious injuries	2	3	2	33	37	33
Shipping accidents	0	1	0	5	12	4
Accidents aboard ship	2	2	2	28	25	29
Occurrences with a dangerous good release*	0	0	N/A	4	4	N/A
Reportable incidents by type	37	59	44	446	554	420
Bottom contact	3	3	3	16	25	16
Cargo shift/Cargo loss	0	0	0	2	2	2
Person overboard	0	1	1	8	12	6
Risk of collision (near collision)	3	7	7	31	24	35
Risk of sinking	1	0	1	6	3	12
Total failure of any machinery or technical system**	30	47	32	364	473	339
Other incident types	0	1	0	19	15	10

Data extracted October 17, 2016

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

	September			Year to Date (September)		
	2016	2015	2011-2015 Average	2016	2015	2011-2015 Average
Pacific region						
Shipping accidents	12	15	8	92	72	67
Accidents aboard ship	0	0	1	14	12	14
Vessels involved in shipping accidents	13	19	10	109	82	78
Barge/Tug	2	7	2	25	20	17
Cargo / Tanker	0	1	1	9	4	7
Ferry/Passenger	1	2	1	12	14	9
Fishing	4	5	4	32	27	27
Other vessel types	6	4	2	31	17	19
Vessels lost	1	3	1	5	10	6
Fatalities	0	3	1	0	6	4
Reportable incidents	22	30	14	229	206	128
Central region						
Shipping accidents	8	6	6	52	56	56
Accidents aboard ship	2	1	1	10	6	12
Vessels involved in shipping accidents	10	6	7	61	61	63
Barge/Tug	3	0	2	9	5	7
Cargo / Tanker	3	4	2	22	29	34
Ferry/Passenger	0	0	1	9	11	10
Fishing	1	1	0	6	6	6
Other vessel types	3	1	1	15	10	7
Vessels lost	0	1	0	2	2	2
Fatalities	0	0	0	0	2	2
Reportable incidents	15	9	11	88	94	90
Atlantic region						
Shipping accidents	3	2	5	29	37	48
Accidents aboard ship	0	1	0	5	11	11
Vessels involved in shipping accidents	4	2	6	33	38	52
Barge/Tug	0	0	0	0	0	1
Cargo / Tanker	0	0	0	2	2	4
Ferry/Passenger	0	0	0	6	4	6
Fishing	3	2	4	19	30	36
Other vessel types	1	0	1	6	2	4
Vessels lost	0	1	1	2	7	8
Fatalities	0	0	0	3	4	6
Reportable incidents	0	19	18	119	244	196
Foreign waters						
Shipping accidents	1	0	1	5	3	5
Accidents aboard ship	0	0	0	0	0	0
Vessels involved in shipping accidents	1	0	1	6	4	6
Barge/Tug	0	0	0	1	0	0
Cargo / Tanker	1	0	0	3	4	4
Ferry/Passenger	0	0	0	0	0	0
Fishing	0	0	0	0	0	1
Other vessel types	0	0	0	2	0	1
Vessels lost	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0
Reportable incidents	0	1	1	10	10	6

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