

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

	December			Year to Date (December)		
	2016	2015	2011-2015 Average	2016	2015	2011-2015 Average
Accidents	24	10	21	298	248	282
Shipping accidents by type	21	7	16	257	213	234
Capsize	2	0	0	7	10	6
Collision	7	0	5	87	57	78
Fire/Explosion	3	3	3	43	33	35
Grounding	3	3	5	63	59	65
Sank	5	0	1	25	16	15
Sustains damage render unseaworthy/ Unfit for purpose	1	0	2	31	36	33
Other shipping accident types	0	1	0	1	2	2
Accidents aboard ship	3	3	5	41	35	48
Vessels involved in shipping accidents by type of vessel	24	7	18	301	240	266
Barge	0	0	1	23	10	13
Cargo - liquid	0	0	1	6	12	10
Cargo - solid	3	1	5	39	37	57
Ferry	0	0	1	18	18	18
Fishing	8	5	6	89	81	88
Passenger	2	0	1	16	17	15
Service ship	4	0	1	47	29	26
Tug	3	1	1	26	19	23
Other vessel types	4	0	0	37	17	15
Vessels involved in shipping accidents by vessel flag	24	7	18	301	240	266
Canadian non-fishing vessels	14	1	8	178	128	137
Canadian fishing vessels	8	5	6	88	80	86
Foreign vessels	2	1	4	35	32	43
Vessels lost by gross tonnage	1	0	1	14	23	22
1600 gross tons and over	0	0	0	0	0	0
150 to 1599 gross tons	0	0	0	0	2	1
60 to 149 gross tons	1	0	1	4	6	4
15 to 59 gross tons	0	0	0	2	6	7
Less than 15 gross tons	0	0	0	5	8	8
Unknown tonnage	0	0	0	3	1	2
Fatalities	0	0	0	7	19	16
Shipping accidents	0	0	0	6	13	7
Accidents aboard ship	0	0	0	1	6	9
Serious injuries	3	3	4	46	42	43
Shipping accidents	0	0	0	5	12	4
Accidents aboard ship	3	3	4	41	30	39
Occurrences with a dangerous good release*	1	0	N/A	6	5	N/A
Reportable incidents by type	54	70	49	757	708	535
Bottom contact	1	6	2	23	36	23
Cargo shift/Cargo loss	0	1	0	4	4	3
Person overboard	0	0	1	10	13	8
Risk of collision (near collision)	2	2	1	45	31	41
Risk of sinking	2	3	2	20	10	17
Total failure of any machinery or technical system**	45	57	42	626	589	429
Other incident types	4	1	1	29	25	15

Data extracted January 16, 2017

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)		
	2016	2015	2011-2015 Average	2016	2015	2011-2015 Average
Pacific region						
Shipping accidents	14	1	5	134	90	87
Accidents aboard ship	2	0	1	19	13	17
Vessels involved in shipping accidents	16	1	5	160	106	102
Barge/Tug	2	1	2	38	23	23
Cargo / Tanker	1	0	1	13	6	9
Ferry/Passenger	2	0	1	16	15	12
Fishing	6	0	2	43	33	33
Other vessel types	5	0	1	50	29	25
Vessels lost	0	0	0	8	12	7
Fatalities	0	0	0	0	12	6
Reportable incidents	16	17	9	289	261	156
Central region						
Shipping accidents	3	1	5	56	64	73
Accidents aboard ship	1	3	3	11	10	17
Vessels involved in shipping accidents	3	1	6	65	71	83
Barge/Tug	0	0	0	9	6	10
Cargo / Tanker	1	1	4	24	35	44
Ferry/Passenger	0	0	1	9	13	14
Fishing	0	0	0	5	6	7
Other vessel types	2	0	1	18	11	9
Vessels lost	0	0	0	1	2	2
Fatalities	0	0	0	0	2	3
Reportable incidents	8	9	6	126	116	117
Atlantic region						
Shipping accidents	3	5	6	61	54	64
Accidents aboard ship	0	0	1	11	12	13
Vessels involved in shipping accidents	4	5	6	69	57	71
Barge/Tug	1	0	0	1	0	3
Cargo / Tanker	0	0	1	4	2	6
Ferry/Passenger	0	0	0	9	7	8
Fishing	2	5	5	41	42	48
Other vessel types	1	0	0	14	6	7
Vessels lost	1	0	1	5	9	12
Fatalities	0	0	0	7	5	7
Reportable incidents	29	44	33	328	319	255
Foreign waters						
Shipping accidents	1	0	1	6	5	9
Accidents aboard ship	0	0	0	0	0	1
Vessels involved in shipping accidents	1	0	1	7	6	10
Barge/Tug	0	0	0	1	0	0
Cargo / Tanker	1	0	1	4	6	8
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	1	0	0	14	12	8

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