

Table 1

Marine occurrences (types, vessels and losses involved)

	October			Year to date (October)		
	2017	2016	2012-2016 average	2017	2016	2012-2016 average
Accidents	25	28	27	238	262	241
Shipping accidents by type	22	24	24	199	224	201
Capsize	0	1	1	3	4	6
Collision	9	6	7	77	76	67
Fire/Explosion	1	2	3	27	38	29
Grounding	7	7	7	46	60	55
Sank	3	4	2	18	17	14
Sustains damage render unseaworthy/ Unfit for purpose	2	4	4	27	28	29
Other shipping accident types	0	0	0	1	1	1
Accidents aboard ship	3	4	3	39	38	40
Vessels involved in shipping accidents by type of vessel	27	29	29	231	264	231
Barge	1	3	2	16	21	13
Cargo - liquid	1	1	1	10	7	8
Cargo - solid	6	2	6	34	34	44
Ferry	0	0	2	11	19	16
Fishing	9	6	6	76	77	74
Passenger	2	3	1	14	14	14
Service ship	4	7	5	33	40	26
Tug	4	4	4	21	22	20
Other vessel types	0	3	2	16	30	16
Vessels involved in shipping accidents by vessel flag	27	29	29	231	264	231
Canadian non-fishing vessels	13	18	20	128	157	125
Canadian fishing vessels	9	6	6	72	76	72
Foreign vessels	5	5	4	31	31	35
Vessels lost by gross tonnage	0	4	3	8	14	17
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	3	3
15 to 59 gross tons	0	0	1	2	2	5
Less than 15 gross tons	0	2	1	1	5	6
Unknown tonnage	0	2	1	3	4	2
Fatalities	1	0	2	10	7	13
Shipping accidents	0	0	2	4	6	8
Accidents aboard ship	1	0	0	6	1	6
Serious injuries	2	4	3	39	43	39
Shipping accidents	0	0	0	6	5	5
Accidents aboard ship	2	4	3	33	38	34
Occurrences with a dangerous good release*	1	1	N/A	7	5	N/A
Reportable incidents by type	34	59	44	738	659	549
Bottom contact	3	3	3	32	21	21
Cargo shift/Cargo loss	0	0	0	5	2	2
Person overboard	0	0	0	10	10	8
Risk of collision (near collision)	1	5	3	43	42	39
Risk of sinking	1	3	2	10	16	13
Total failure of any machinery or technical system**	29	48	34	603	547	454
Other incident types	0	0	1	35	21	13

Data extracted November 15, 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

	October			Year to date (October)		
	2017	2016	2012-2016 average	2017	2016	2012-2016 average
Pacific region						
Shipping accidents	13	17	11	97	112	84
Accidents aboard ship	1	1	1	7	15	16
Vessels involved in shipping accidents	16	22	14	115	134	99
Barge/Tug	3	7	4	29	33	22
Cargo / Tanker	1	2	1	7	11	9
Ferry/Passenger	1	2	1	11	15	11
Fishing	7	3	2	32	35	30
Other vessel types	4	8	5	36	40	26
Vessels lost	0	2	1	6	7	7
Fatalities	0	0	2	5	0	5
Reportable incidents	16	20	12	255	252	169
Central region						
Shipping accidents	7	1	7	51	52	61
Accidents aboard ship	2	1	1	14	10	12
Vessels involved in shipping accidents	9	1	8	57	61	69
Barge/Tug	1	0	1	5	9	9
Cargo / Tanker	5	0	4	23	22	35
Ferry/Passenger	1	0	1	11	9	11
Fishing	2	0	0	14	5	5
Other vessel types	0	1	2	4	16	9
Vessels lost	0	0	0	0	1	2
Fatalities	1	0	1	3	0	2
Reportable incidents	10	20	14	158	108	111
Atlantic region						
Shipping accidents	1	6	5	45	54	50
Accidents aboard ship	0	2	1	14	13	11
Vessels involved in shipping accidents	1	6	6	51	61	56
Barge/Tug	0	0	1	0	0	2
Cargo / Tanker	1	1	0	11	3	4
Ferry/Passenger	0	1	1	3	9	7
Fishing	0	3	3	29	37	37
Other vessel types	0	1	1	8	12	6
Vessels lost	0	2	1	2	6	8
Fatalities	0	0	0	2	7	6
Reportable incidents	7	17	17	312	286	261
Foreign waters						
Shipping accidents	1	0	1	6	6	7
Accidents aboard ship	0	0	0	4	0	1
Vessels involved in shipping accidents	1	0	1	8	8	8
Barge/Tug	1	0	0	3	1	0
Cargo / Tanker	0	0	1	3	5	6
Ferry/Passenger	0	0	0	0	0	0
Fishing	0	0	0	1	0	1
Other vessel types	0	0	0	1	2	1
Vessels lost	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0
Reportable incidents	1	2	1	13	13	8

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