

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

	September			Year to date (September)		
	2019	2018	2014-2018 average	2019	2018	2014-2018 average
Accidents	20	25	27	176	205	218
Shipping accidents by type	16	18	23	133	164	183
Capsize	1	1	1	6	10	6
Collision	7	6	7	52	47	61
Fire/Explosion	3	4	4	19	24	27
Grounding	3	6	6	31	47	47
Sank	0	1	2	8	20	16
Sustains damage render unseaworthy/ Unfit for purpose	2	0	2	17	16	26
Other shipping accident types	0	0	0	0	0	1
Accidents aboard ship	4	7	4	43	41	35
Vessels involved in shipping accidents by type of vessel	18	21	27	152	184	208
Barge	1	1	3	9	13	13
Cargo - liquid	0	0	0	5	6	8
Cargo - solid	9	1	3	42	32	35
Ferry	1	1	0	12	8	13
Fishing	3	10	10	33	62	69
Passenger	2	1	1	14	9	12
Service ship	0	5	5	15	19	24
Tug	0	2	3	2	15	16
Other vessel types	2	0	2	20	20	18
Vessels involved in shipping accidents by vessel flag	18	21	27	152	184	208
Canadian non-fishing vessels	8	9	15	84	104	114
Canadian fishing vessels	3	10	10	31	58	67
Foreign vessels	7	2	2	37	22	28
Vessels lost by gross tonnage	0	2	3	5	14	13
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	3
15 to 59 gross tons	0	1	1	1	2	2
Less than 15 gross tons	0	1	1	3	6	5
Unknown tonnage	0	0	0	0	2	2
Fatalities	2	3	2	12	17	11
Shipping accidents	0	2	2	4	14	7
Accidents aboard ship	2	1	0	8	3	4
Serious injuries	2	6	4	34	49	38
Shipping accidents	0	0	0	6	8	6
Accidents aboard ship	2	6	3	28	41	32
Occurrences with a dangerous good release*	0	1	1	2	7	N/A
Reportable incidents by type	45	71	66	602	684	629
Bottom contact	1	4	5	24	28	24
Cargo shift/Cargo loss	0	0	0	1	6	3
Person overboard	2	1	1	10	7	8
Risk of collision (near collision)	5	6	6	41	57	38
Risk of sinking	0	3	1	8	23	10
Total failure of any machinery or technical system**	37	55	51	494	534	525
Other incident types	0	2	2	24	29	21

Data extracted 16 October 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

	September			Year to date (September)		
	2019	2018	2014-2018 average	2019	2018	2014-2018 average
Pacific region						
Shipping accidents	5	7	11	56	73	81
Accidents aboard ship	1	2	1	8	9	12
Vessels involved in shipping accidents	5	7	14	64	82	93
Barge/Tug	0	2	5	7	22	22
Cargo / Tanker	1	0	0	11	3	7
Ferry/Passenger	2	1	1	13	8	11
Fishing	2	4	4	17	27	29
Other vessel types	0	0	3	16	22	25
Vessels lost	0	0	1	1	3	6
Fatalities	1	0	1	3	4	4
Reportable incidents	18	25	27	166	194	200
Central region						
Shipping accidents	10	5	5	49	45	51
Accidents aboard ship	3	2	1	15	15	10
Vessels involved in shipping accidents	12	7	6	56	52	58
Barge/Tug	1	1	1	4	4	6
Cargo / Tanker	7	1	3	27	23	27
Ferry/Passenger	1	1	0	12	8	10
Fishing	1	3	1	1	8	7
Other vessel types	2	1	1	12	9	8
Vessels lost	0	0	0	0	2	1
Fatalities	1	0	0	3	1	1
Reportable incidents	24	25	15	230	183	125
Atlantic region						
Shipping accidents	0	6	6	23	34	45
Accidents aboard ship	0	3	1	17	16	13
Vessels involved in shipping accidents	0	7	6	27	37	49
Barge/Tug	0	0	0	0	0	1
Cargo / Tanker	0	0	0	4	4	5
Ferry/Passenger	0	0	0	1	1	5
Fishing	0	3	4	15	25	32
Other vessel types	0	4	2	7	7	7
Vessels lost	0	2	1	4	9	6
Fatalities	0	3	1	6	12	6
Reportable incidents	0	20	21	193	298	294
Foreign waters						
Shipping accidents	1	0	0	5	12	7
Accidents aboard ship	0	0	0	3	1	1
Vessels involved in shipping accidents	1	0	1	5	13	8
Barge/Tug	0	0	0	0	2	1
Cargo / Tanker	1	0	0	5	8	5
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	0	0
Reportable incidents	3	1	2	13	9	10

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