

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

	December			Year to date (December)		
	2019	2018	2014-2018 average	2019	2018	2014-2018 average
<b>Accidents</b>	<b>21</b>	<b>28</b>	<b>19</b>	<b>267</b>	<b>290</b>	<b>285</b>
Shipping accidents by type	15	25	16	207	233	238
Capsize	0	0	1	8	10	7
Collision	4	11	5	71	82	81
Fire/Explosion	3	6	3	32	35	35
Grounding	6	2	3	51	58	59
Sank	0	4	2	17	27	23
Sustains damage render unseaworthy/ Unfit for purpose	2	2	2	28	21	32
Other shipping accident types	0	0	0	0	0	1
Accidents aboard ship	6	3	3	60	57	47
<b>Vessels involved in shipping accidents by type of vessel</b>	<b>16</b>	<b>33</b>	<b>19</b>	<b>230</b>	<b>268</b>	<b>273</b>
Barge	2	7	2	18	29	19
Cargo - liquid	0	0	0	7	9	10
Cargo - solid	7	6	3	57	47	46
Ferry	2	0	0	18	10	16
Fishing	5	8	6	58	75	85
Passenger	0	1	1	21	15	15
Service ship	0	2	2	21	27	33
Tug	0	4	2	7	25	23
Other vessel types	0	5	2	23	31	25
<b>Vessels involved in shipping accidents by vessel flag</b>	<b>16</b>	<b>33</b>	<b>19</b>	<b>230</b>	<b>268</b>	<b>273</b>
Canadian non-fishing vessels	5	19	10	125	157	152
Canadian fishing vessels	5	7	6	56	70	83
Foreign vessels	6	7	3	49	41	38
<b>Vessels lost by gross tonnage</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>8</b>	<b>15</b>	<b>17</b>
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	1	0	1	4	4
15 to 59 gross tons	0	0	0	1	2	3
Less than 15 gross tons	0	0	1	6	6	7
Unknown tonnage	0	0	0	0	2	3
<b>Fatalities</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>22</b>	<b>14</b>
Shipping accidents	0	0	0	4	14	8
Accidents aboard ship	1	0	0	13	8	6
<b>Serious injuries</b>	<b>5</b>	<b>3</b>	<b>4</b>	<b>53</b>	<b>61</b>	<b>49</b>
Shipping accidents	0	0	0	10	8	7
Accidents aboard ship	5	3	3	43	53	42
<b>Occurrences with a dangerous good release*</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>8</b>	<b>N/A</b>
<b>Reportable incidents by type</b>	<b>90</b>	<b>108</b>	<b>76</b>	<b>946</b>	<b>931</b>	<b>808</b>
Bottom contact	3	0	3	33	35	32
Cargo shift/Cargo loss	1	1	0	3	7	4
Person overboard	1	1	1	14	11	10
Risk of collision (near collision)	1	2	2	54	67	46
Risk of sinking	4	6	2	13	34	16
Total failure of any machinery or technical system**	75	94	66	797	732	671
Other incident types	5	4	2	32	45	28

Data extracted 17 January 2020

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)		
	2019	2018	2014-2018 average	2019	2018	2014-2018 average
<b>Pacific region</b>						
Shipping accidents	2	8	7	79	101	107
Accidents aboard ship	3	0	1	15	12	15
Vessels involved in shipping accidents	3	13	9	90	119	125
Barge/Tug	1	6	2	16	37	31
Cargo / Tanker	0	2	1	13	8	10
Ferry/Passenger	1	1	1	17	13	13
Fishing	1	0	2	22	30	35
Other vessel types	0	4	2	22	31	35
Vessels lost	0	0	1	2	3	8
Fatalities	1	0	0	8	7	6
Reportable incidents	24	17	14	232	253	247
<b>Central region</b>						
Shipping accidents	8	6	3	68	63	63
Accidents aboard ship	1	2	2	19	21	15
Vessels involved in shipping accidents	8	6	4	75	71	72
Barge/Tug	1	2	1	7	8	8
Cargo / Tanker	6	4	2	38	35	35
Ferry/Passenger	1	0	0	17	10	11
Fishing	0	0	0	1	8	7
Other vessel types	0	0	0	12	10	10
Vessels lost	0	0	0	0	2	1
Fatalities	0	0	0	3	1	2
Reportable incidents	17	33	16	284	274	171
<b>Atlantic region</b>						
Shipping accidents	5	11	5	53	54	60
Accidents aboard ship	2	1	1	22	22	15
Vessels involved in shipping accidents	5	14	6	58	62	67
Barge/Tug	0	3	1	2	5	2
Cargo / Tanker	1	0	0	6	4	5
Ferry/Passenger	0	0	0	5	2	6
Fishing	4	8	5	35	35	42
Other vessel types	0	3	1	10	16	12
Vessels lost	0	1	0	6	10	8
Fatalities	0	0	0	6	13	6
Reportable incidents	47	58	46	412	392	377
<b>Foreign waters</b>						
Shipping accidents	0	0	0	7	15	8
Accidents aboard ship	0	0	0	4	2	1
Vessels involved in shipping accidents	0	0	0	7	16	9
Barge/Tug	0	0	0	0	4	2
Cargo / Tanker	0	0	0	7	9	6
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	1	0
Reportable incidents	2	0	0	18	12	13

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