

Marine incident related tables

In the following pages, the major characteristics of reported marine incidents are presented in a time-series format. The sources for the majority of data are Maritime Safety Queensland's marine incident database, the commercial vessel registration database and Queensland Transport's recreational vessel registration database. Australian Bureau of Statistics data is also used.

Notes:

The following abbreviations are used throughout the tables.

Description	Abbreviation
Brisbane region	BN
Cairns region	CN
Gladstone region	GL
Gold Coast region ¹	GC
Mackay region	MK
Personal watercraft	PWC
Townsville region	TV

¹ The Gold Coast region was only established for reporting purposes in 2000.



Table 1:	Marine fatalities per 1,000,000 persons 1976 to 2004 by state and territory	37
Table 2:	Incidents involving fatalities and serious injuries 2000 - 2005 and year 2005 by region	37
Table 3:	Fatalities and serious injuries 2000 - 2005 and year 2005 by region	37
Table 4:	Environmental factors contributing to fatal and serious injury incidents 2000 - 2005 and year 2005 by region	37
Table 5:	Human factors contributing to fatal and serious injury incidents 2000 - 2005 and year 2005 by region	38
Table 6:	Material factors contributing to fatal and serious injury incidents 2000 - 2005 and year 2005 by region	38
Table 7:	Fatal and serious injury incident type 2000 - 2005 and year 2005 by region	39
Table 8:	Location of fatal and serious injury incidents 2000 - 2005 and year 2005 by region	39
Table 9:	Fatal and serious injury incidents by month 2000 - 2005 and year 2005 by region	40
Table 10:	Fatal and serious injury incidents 2000 - 2005 by region	40
Table 11:	Fatal and serious injury incidents by time of day 2000 - 2005	40
Table 12:	No. of ships involved in fatal and serious injury incidents 2000 - 2005 by ship type	41
Table 13:	Visibility in fatal and serious injury incidents 2000 - 2005 and year 2005 by region	41
Table 14:	W eather in fatal and serious injury incidents 2000 - 2005 and year 2005 by region	41
Table 15:	Wind in fatal and serious injury incidents 2000 - 2005 and year 2005 by region	42
Table 16:	Environmental factors contributing to marine incidents 2000 - 2005 and year 2005 by region	42
Table 17:	Human factors contributing to marine incidents 2000 - 2005 and year 2005 by region	43
Table 18:	Material factors contributing to marine incidents 2000 - 2005 and year 2005 by region	43
Table 19:	Incident type 2000 - 2005 and year 2005 by region	44
Table 20:	Locations of incidents 2000 - 2005 and year 2005 by region	44
Table 21:	Incidents by month 2000 - 2005 and year 2005 by region	45
Table 22:	Incidents 2000 - 2005 by region	45
Table 23:	Damage category 2000 - 2005 and year 2005 by region	45
Table 24:	Incidents by time of day 2000 - 2005 and year 2005 by region	45
Table 25:	No. of ships in incidents 2000 - 2005 by ship type	46
Table 26:	Visibility in incidents 2000 - 2005 and year 2005 by region	46
Table 27:	W eather in incidents 2000 - 2005 and year 2005 by region	46
Table 28:	Wind in incidents 2000 - 2005 and year 2005 by region	47
Table 29:	Commercial and recreational registrations 2000 - 2005 by region	47

Table 1 Marine fatalities per 1,000,000 persons 1976 to 2004 by state and territory

State / territory	76-79	80-84	85-89	90-94	95-99	2000-03
New South Wales	8.45	5.10	4.27	3.29	2.65	2.05
Victoria	9.03	5.16	4.37	4.10	2.04	2.05
Queensland	12.31	5.23	4.02	5.14	2.59	1.78
South Australia	13.18	7.35	4.59	3.99	2.43	0.68
West Australia	10.09	8.70	4.94	4.71	4.12	2.45
Tasmania	34.82	26.03	14.70	15.59	15.96	5.63
Northern Territory	25.81	16.94	11.52	22.53	5.38	8.47
Australian Capital Territory	11.63	0.86	2.27	2.05	0.65	2.07

Source: Australian Bureau of Statistics

Table 2 Incidents involving fatalities and serious injuries 2000 - 2005 and year 2005 by region

Incidents	2000	2001	2002	2003	2004	2005	GC	BN	GL	MK	TV	CN
No of incidents involving fatalities	12	9	9	7	10	10	2	3	1	1	2	1
No of incidents involving serious injuries	73	36	51	21	34	39	10	10	5	8	0	6
Fatality/serious injury incidents	85	45	60	28	44	49	12	13	6	9	2	7

Table 3 Fatalities and serious injuries 2000 - 2005 and year 2005 by region

Fatalities and serious injuries	2000	2001	2002	2003	2004	2005	GC	BN	GL	MK	TV	CN
No of fatalities	12	12	10	7	12	12	2	3	1	2	3	1
No of serious injuries	84	43	61	22	38	45	12	10	5	10	0	8
Total fatalities and serious injuries	96	55	71	29	50	57	14	13	6	12	3	9

Table 4 Environmental factors contributing to fatal and serious injury incidents 2000 - 2005 and year 2005 by region

Environmental factors	2000	2001	2002	2003	2004	2005	GC	BN	GL	MK	TV	CN
Bar conditions	3	0	1	1	1	2	0	2	0	0	0	0
Floating or submerged object	1	1	1	0	0	0	0	0	0	0	0	0
Hazardous season (cyclones etc)	1	0	0	0	0	0	0	0	0	0	0	0
Hazardous waters - coral reefs	0	1	1	0	0	1	0	0	0	0	0	1
Hazardous waters - shifting channels	0	1	1	0	0	0	0	0	0	0	0	0
Hazardous waters - uncharted hazards	0	1	1	0	0	1	0	1	0	0	0	0
Heavy traffic area	0	0	0	1	0	0	0	0	0	0	0	0
Other	4	3	1	2	3	1	0	2	0	0	0	0
Poor visibility	1	0	1	0	2	0	0	0	0	0	0	0
Sea state	16	5	6	5	7	10	1	4	1	3	0	1
Wash of passing vessel	1	1	2	1	3	1	1	0	0	0	0	0
Wind	1	1	2	1	0	0	0	0	0	0	0	0
Total environmental factors attribution	28	14	17	11	16	16	2	9	1	3	0	2



Table 5 Human factors contributing to fatal and serious injury incidents 2000 - 2005 and year 2005 by region

Human factors	2000	2001	2002	2003	2004	2005	GC	BN	GL	MK	TV	CN
Alcohol or drugs	1	1	0	2	2	2	0	1	0	0	1	0
Commercial pressure	1	1	0	0	1	1	0	1	0	0	0	0
Excessive speed	3	4	3	3	4	3	1	1	0	0	0	1
Fatigue	0	2	0	1	1	0	0	0	0	0	0	0
Inadequate training of crew	4	2	3	2	2	5	1	0	2	0	0	2
Inappropriate instructions to crew - other	0	0	1	1	0	1	0	0	0	0	0	1
Poor communication of instructions to crew	0	0	1	0	0	0	0	0	0	0	0	0
Inattention	20	9	12	3	13	20	1	4	2	5	0	3
Insufficient maintenance	0	0	0	0	1	0	0	0	0	0	0	0
Insufficient planning	2	0	0	0	1	1	0	0	0	0	0	0
Navigation error-failure to keep proper lookout	2	0	1	1	1	1	0	0	0	0	0	0
Navigation error-lack of knowledge/experience	3	1	2	0	0	2	0	1	0	0	0	0
Navigation error-other	1	1	0	0	0	0	0	0	0	0	0	0
Navigation error-violation of Collision regs	1	1	0	2	0	0	0	0	0	0	0	0
Operational error-other	11	13	16	8	6	9	3	1	0	3	0	0
Overloading	0	0	0	0	0	1	0	0	0	0	1	0
Poor communications	0	1	1	0	0	1	0	0	0	0	0	0
Violation of standard procedures	0	0	1	1	0	0	0	0	0	0	0	0
Violation of statutory rules or standards	2	0	0	1	0	3	2	0	0	0	0	0
Total human factors attribution	51	36	41	25	32	50	8	9	4	8	2	7

Table 6 Material factors contributing to fatal and serious injury incidents 2000 - 2005 and year 2005 by region

Material factors	2000	2001	2002	2003	2004	2005	GC	BN	GL	MK	TV	CN
Bridge or navigation failure	2	0	0	0	0	0	0	0	0	0	0	0
Electrical failure	1	1	0	0	0	0	0	0	0	0	0	0
Equipment failure - other	0	1	2	0	0	1	0	0	1	0	0	0
Fuel or gas leak	1	1	0	0	1	2	1	0	0	1	0	0
Hull failure	0	1	0	0	0	0	0	0	0	0	0	0
Inadequate stability - other	1	1	0	0	0	0	0	0	0	0	0	0
Inadequate stability - overloading	0	0	0	0	0	1	0	0	0	0	1	0
Inappropriate hull or equipment-construction fault	0	0	1	0	0	1	0	0	1	0	0	0
Inappropriate hull or equipment-design fault	3	0	1	0	1	0	0	0	0	0	0	0
Insufficient maintenance of hull/equipment	0	0	0	0	0	0	0	0	0	0	0	0
Insufficient safety equipment	0	0	0	0	0	0	0	0	0	0	0	0
Machinery failure	0	0	1	1	2	1	0	0	0	0	0	0
Other	9	3	1	2	3	0	0	0	0	0	0	0
Shore structure badly designed/maintained	1	0	0	0	0	0	0	0	0	0	0	0
Total material factors attribution	18	8	6	3	7	6	1	0	2	1	1	0

Table 7 Fatal and serious injury incident type 2000 - 2005 and year 2005 by region

Incident type classifications	2000	2001	2002	2003	2004	2005	GC	BN	GL	MK	TV	CN
Capsizing	1	1	2	0	1	4	1	2	1	0	0	0
Capsizing flooding	1	0	0	0	0	0	0	0	0	0	0	0
Capsizing sinking	3	0	1	0	3	0	0	0	0	0	0	0
Capsizing swamping	2	2	3	0	4	3	0	2	0	0	1	0
Collision between ships	8	2	10	3	6	3	3	0	0	0	0	0
Collision with a fixed object	4	2	2	0	4	1	0	0	0	0	0	1
Collision with an animal	0	0	0	0	0	0	0	0	0	0	0	0
Collision with floating object	0	2	0	0	1	0	0	0	0	0	0	0
Collision with overhead obstruction	1	0	0	0	0	0	0	0	0	0	0	0
Collision with submerged object	2	0	1	0	0	0	0	0	0	0	0	0
Collision with a wharf	0	0	0	0	0	0	0	0	0	0	0	0
Explosion	1	2	1	0	0	1	1	0	0	0	0	0
Fire	0	0	1	1	1	1	0	0	0	1	0	0
Grounding intentional	1	0	0	0	0	0	0	0	0	0	0	0
Grounding unintentional	5	1	0	1	1	3	0	0	1	0	0	2
Loss of ship	0	0	2	1	0	0	0	0	0	0	0	0
Loss of stability	0	0	0	0	0	0	0	0	0	0	0	0
Onboard incident crushing or pinching	4	0	3	1	4	3	0	0	1	1	0	1
Onboard incident falls within ship	7	6	4	3	4	10	3	4	0	3	0	0
Onboard incident other onboard injury	16	5	5	2	0	7	3	0	2	1	0	1
Other	0	2	0	0	0	0	0	0	0	0	0	0
Other - Close Call	0	0	0	0	0	0	0	0	0	0	0	0
Other - Crime Issue	0	0	0	0	0	0	0	0	0	0	0	0
Other - Ship Adrift	0	0	0	0	0	0	0	0	0	0	0	0
Other personal injury caused by operation of ship	7	1	8	4	5	5	1	0	1	1	0	2
Other personal injury diving incident	1	0	1	0	0	0	0	0	0	0	0	0
Other personal injury hit by propellor or ship	2	3	3	4	2	6	0	4	0	1	1	0
Other personal injury parasailing incident	0	1	0	0	0	0	0	0	0	0	0	0
Other personal injury water ski incident	5	5	4	2	2	1	0	1	0	0	0	0
Person overboard	11	8	9	6	6	1	0	0	0	1	0	0
Structural failure	1	1	0	0	0	0	0	0	0	0	0	0
Incident types distribution	83	44	60	28	44	49	12	13	6	9	2	7

Table 8 Location of fatal and serious injury incidents 2000 - 2005 and year 2005 by region

Location classifications	2000	2001	2002	2003	2004	2005	GC	BN	GL	MK	TV	CN
Not specified	1	1	0	0	0	0	0	0	0	0	0	0
Inland waters	18	12	13	2	4	5	1	0	2	1	0	1
Offshore	20	10	19	5	16	16	3	6	3	1	0	3
Partially smooth waters	19	10	10	6	6	7	0	0	0	5	2	0
Smooth waters	25	12	18	15	18	21	8	7	1	2	0	3
Distribution by location classifications	83	45	60	28	44	49	12	13	6	9	2	7

Table 9 Fatal and serious injury incidents by month 2000 - 2005 and year 2005 by region

Months	2000	2001	2002	2003	2004	2005	GC	BN	GL	MK	TV	CN
January	14	3	11	2	4	5	1	2	0	1	0	1
February	4	0	4	2	7	0	0	0	0	0	0	0
March	14	5	2	1	2	6	2	3	0	1	0	0
April	10	4	5	1	6	4	2	0	0	1	0	1
May	7	3	5	2	3	5	2	0	2	0	0	1
June	6	2	5	2	2	5	0	0	1	2	0	2
July	7	6	8	2	4	5	1	1	1	1	0	1
August	8	6	3	2	2	6	1	2	1	1	1	0
September	4	1	8	3	2	2	1	0	1	0	0	0
October	4	6	2	4	5	1	0	0	0	0	1	0
November	2	5	1	2	2	4	0	2	0	1	0	1
December	3	4	6	5	5	6	2	3	0	1	0	0
Fatality/serious injury incidents	83	45	60	28	44	49	12	13	6	9	2	7

Table 10 Fatal and serious injury incidents 2000 - 2005 by region

Region	2000	2001	2002	2003	2004	2005
Gold Coast	10	10	14	7	9	12
Brisbane	29	13	20	7	14	13
Gladstone	16	5	4	5	6	6
Mackay	15	7	8	6	2	9
Townsville	7	1	2	3	1	2
Cairns	6	9	12	0	12	7
Not specified	0	0	0	0	0	0
Fatality/serious injury incidents by regions	83	45	60	28	44	49

Table 11 Fatal and serious injury incidents by time of day 2000 - 2005

Time of day	2000	2001	2002	2003	2004	2005
Not specified	5	4	2	1	3	3
Dawn	3	1	0	2	3	0
Day time	62	33	46	19	26	37
Dusk	3	1	4	2	3	3
Night time	10	6	8	4	9	6
Fatality/serious injury incidents by TOD	83	45	60	28	44	49

Table 12 No. of ships involved in fatal and serious injury incidents 2000 - 2005 by ship type

Ship type	2000	2001	2002	2003	2004	2005
Not specified	0	0	0	0	0	0
COM Fishing	10	6	10	3	8	9
COM Hire & Drive	0	0	0	0	0	0
COM Hire & Drive (House)	0	0	0	0	0	2
COM Hire & Drive (Motor)	0	2	2	0	0	1
COM Hire & Drive (PWC)	3	0	3	1	0	1
COM Hire & Drive (Sail)	3	0	0	0	1	0
COM Hire & Drive (Speed)	0	0	0	0	1	0
COM Houseboat	1	0	0	0	0	0
COM Hovercraft	0	0	0	0	0	0
COM Motorboat	0	1	0	0	2	0
COM Non-passenger	11	1	5	1	2	4
COM Other	3	1	4	3	1	1
COM Passenger	16	11	8	9	5	8
COM PWC (jetski)	1	1	0	0	0	0
COM Sailboat	0	0	0	1	0	0
COM Speedboat	7	5	6	0	0	2
REC Houseboat	1	0	1	0	1	0
REC Motorboat	4	6	5	2	4	4
REC Other	0	2	1	0	0	0
REC Paddle (row) boat	0	1	1	0	1	2
REC PWC (jetski)	10	4	4	1	13	7
REC Sailboat	4	2	4	5	3	2
REC Speedboat	18	6	17	11	8	12
No of ships by ship types	92	49	71	37	50	55

Table 13 Visibility in fatal and serious injury incidents 2000 - 2005 and year 2005 by region

Visibility	2000	2001	2002	2003	2004	2005	GC	BN	GL	MK	TV	CN
Not specified	13	5	14	5	11	7	2	3	2	0	0	0
Poor	3	3	2	1	2	1	0	0	0	0	1	0
Fair	12	3	2	2	9	5	0	1	1	3	0	0
Good	55	34	42	20	22	36	10	9	3	6	1	7
Fatality/serious injury incidents	83	45	60	28	44	49	12	13	6	9	2	7

Table 14 Weather in fatal and serious injury incidents 2000 - 2005 and year 2005 by region

Weather	2000	2001	2002	2003	2004	2005	GC	BN	GL	MK	TV	CN
Not specified	14	5	10	4	11	7	3	3	1	0	0	0
Clear	46	32	40	20	26	33	6	9	4	7	2	5
Cloudy	16	6	4	3	2	5	1	1	1	1	0	1
Flood	0	0	0	0	0	0	0	0	0	0	0	0
Hazy	2	1	1	0	4	1	1	0	0	0	0	0
Other	1	0	2	1	0	2	1	0	0	1	0	0
Rain	4	1	3	0	1	1	0	0	0	0	0	1
Fatality/serious injury incidents	83	45	60	28	44	49	12	13	6	9	2	7



Table 15 Wind in fatal and serious injury incidents 2000 - 2005 and year 2005 by region

Wind	2000	2001	2002	2003	2004	2005	GC	BN	GL	MK	TV	CN
Not specified	15	4	12	5	10	4	1	2	1	0	0	0
No wind	9	5	9	1	3	4	1	1	1	0	1	0
Light (up to force 2 / 1-7 knots)	22	22	16	7	15	12	3	3	3	2	0	1
Moderate (force 3-4 / 8-16 knots)	20	7	14	13	11	19	5	4	0	3	1	6
Strong (force 5-7 / 17-33 knots)	15	7	9	2	2	7	1	2	1	3	0	0
Gale (force 8 and above / more than 33 knots)	2	0	0	0	3	3	1	1	0	1	0	0
Fatality/serious injury incidents	83	45	60	28	44	49	12	13	6	9	2	7

Table 16 Environmental factors contributing to marine incidents 2000 - 2005 and year 2005 by region

Environmental factors	2000	2001	2002	2003	2004	2005	GC	BN	GL	MK	TV	CN
Abnormal tidal conditions	7	15	5	4	9	19	1	5	1	2	2	8
Bar conditions	3	2	12	19	16	16	1	12	3	0	0	0
Floating or submerged object	25	17	12	12	19	22	2	12	3	2	1	1
Hazardous season (cyclones etc)	5	1	0	3	5	1	0	0	0	0	0	0
Hazardous waters - coral reefs	24	28	24	24	25	21	0	1	2	13	2	3
Hazardous waters - lack navigation aids	2	1	1	2	1	0	0	0	0	0	0	0
Hazardous waters - shifting channel	3	8	5	7	5	3	0	0	0	0	0	3
Hazardous waters - uncharted hazards	2	5	4	4	10	11	0	3	3	2	1	0
Heavy traffic area	5	2	6	2	9	4	0	1	0	2	0	1
Other environmental contributing factor	27	34	26	23	36	18	0	12	1	3	0	0
Poor visibility	16	9	12	10	14	11	1	4	2	2	0	1
Sea state	68	66	63	68	66	110	7	38	10	22	8	11
Wash of passing vessel	7	13	13	11	22	20	5	11	1	2	0	0
Wind	21	23	23	50	40	79	7	11	7	4	1	5
Total environmental factors attribution	215	224	206	239	277	335	24	110	33	54	15	33

Table 17 Human factors contributing to marine incidents 2000 - 2005 and year 2005 by region

Human factors	2000	2001	2002	2003	2004	2005	GC	BN	GL	MK	TV	CN
Alcohol or drugs	6	6	6	8	8	6	1	4	0	0	1	0
Commercial pressure	11	9	6	5	13	8	0	4	0	0	1	3
Excessive speed	15	17	16	12	23	25	2	12	3	1	1	5
Fatigue	4	9	2	6	5	4	0	1	1	1	1	0
Inadequate training of crew	14	18	13	13	10	26	3	5	7	3	0	7
Inappropriate Harbour/Port Authority advice	2	2	0	0	0	0	0	0	0	0	0	0
Inappropriate advice to ship - Pilot	0	0	2	0	2	0	0	0	0	0	0	0
Inappropriate Vessel Traffic System advice	0	1	1	1	0	1	0	0	0	0	0	1
Inappropriate instructions to crew - other	1	1	3	6	1	2	1	0	0	0	0	1
Poor communication of instructions to crew	3	3	2	1	1	4	0	1	0	0	0	1
Inattention	64	67	59	67	96	112	5	44	12	21	3	10
Insecure mooring	33	25	19	28	25	25	0	2	10	7	0	3
Insufficient crew numbers	0	1	1	1	1	2	1	0	0	0	0	0
Insufficient fuel	2	1	2	1	0	3	0	0	0	0	1	2
Insufficient maintenance	6	9	6	10	14	16	0	2	4	2	4	0
Insufficient planning	11	7	5	13	14	25	0	4	2	1	1	1
Navigation error-failure to keep proper lookout	17	23	19	34	36	46	1	6	8	11	1	4
Navigation error-lack of knowledge/experience	33	32	11	23	29	33	0	10	6	3	0	2
Navigation error-other	29	30	22	16	29	30	1	4	3	8	3	5
Navigation error-violation of Collision regs	5	16	10	17	19	29	6	7	2	4	1	1
Operational error-other	66	107	107	114	82	146	33	17	10	26	1	8
Overloading	2	1	0	2	0	5	0	1	0	0	1	0
Poor communications	3	5	5	1	6	14	0	2	0	0	0	1
Poor ship to shore communications	0	0	0	2	1	2	0	0	0	0	0	0
Violation of standard procedures	1	13	6	17	6	17	3	0	1	2	0	0
Violation of statutory rules or standards	9	11	11	11	19	28	5	1	0	5	1	0
Total human factors attribution	337	414	334	409	440	609	62	127	69	95	21	55

Table 18 Material factors contributing to marine incidents 2000-2005 and year 2005 by region

Material factors	2000	2001	2002	2003	2004	2005	GC	BN	GL	MK	TV	CN
Bridge or navigation failure	5	2	1	4	3	6	0	1	1	1	1	2
Electrical failure	9	18	15	9	12	2	0	1	0	0	0	1
Equipment failure - other	33	25	24	29	34	33	2	6	3	11	3	8
Fuel or gas leak	1	7	2	4	4	6	1	2	0	1	2	0
Hull failure	12	15	16	16	9	6	0	1	2	0	0	3
Inadequate stability - other	3	5	0	1	1	3	0	0	1	0	1	1
Inadequate stability - overloading	2	1	0	1	1	4	0	3	0	0	1	0
Inadequate stability - shifting cargo	0	1	1	1	1	5	0	2	0	0	0	2
Inappropriate hull or equipment-construction fault	2	4	5	3	1	4	0	0	3	0	0	1
Inappropriate hull or equipment-design fault	7	7	4	8	13	6	1	0	1	1	0	0
Insufficient maintenance of hull or equipment	10	6	2	3	7	10	0	2	2	2	0	0
Insufficient safety equipment	0	0	5	3	1	5	0	2	0	1	0	0
Machinery failure	25	34	44	50	42	40	4	6	8	8	4	5
Other material contributing factor	36	34	30	28	43	24	0	16	4	2	1	0
Shore structure badly designed/maintained	4	3	5	4	4	7	0	3	3	0	0	1
Total material factors attribution	149	162	154	164	176	161	8	45	28	27	13	24

Table 19 Incident type 2000 - 2005 and year 2005 by region

Incident type	2000	2001	2002	2003	2004	2005	GC	BN	GL	MK	TV	CN
Capsizing	19	16	14	12	13	15	4	5	3	0	0	3
Capsizing flooding	5	12	7	9	7	7	1	2	2	0	1	1
Capsizing sinking	19	23	29	20	28	26	2	10	8	0	2	4
Capsizing swamping	17	22	30	41	38	31	6	17	2	1	3	2
Collision between ships	121	119	119	125	129	138	34	37	26	18	6	17
Collision with a fixed object	37	35	42	35	44	45	8	23	4	3	1	6
Collision with an animal	0	1	3	2	2	2	0	0	1	1	0	0
Collision with floating object	12	8	11	8	11	9	0	2	3	1	1	2
Collision with overhead obstruction	3	0	2	0	1	1	0	1	0	0	0	0
Collision with submerged object	24	15	18	22	21	23	7	7	1	3	2	3
Collision with wharf	13	20	18	22	21	14	1	9	1	0	1	2
Explosion	2	5	1	1	2	3	1	1	0	0	1	0
Fire	18	28	17	32	25	14	2	4	1	2	1	4
Grounding intentional	10	2	2	2	3	1	0	0	0	0	1	0
Grounding unintentional	127	115	93	127	122	116	5	16	29	41	5	20
Loss of ship	23	1	7	13	1	0	0	0	0	0	0	0
Loss of stability	0	3	0	2	1	1	0	0	1	0	0	0
Onboard incident crushing or pinching	5	1	5	5	6	6	0	1	3	1	0	1
Onboard incident falls within ship	9	19	18	19	14	25	6	10	0	8	0	1
Onboard incident other onboard injury	20	15	10	11	9	23	5	8	2	5	0	3
Other	29	10	62	48	28	30	1	9	5	7	4	4
Other - Close Call	29	40	50	29	46	39	3	14	4	7	1	10
Other - Crime Issue	1	10	2	1	1	0	0	0	0	0	0	0
Other - Ship Adrift	6	20	10	13	6	6	0	2	1	2	1	0
Other personal injury caused by operation of ship	10	7	18	10	13	13	2	2	1	2	3	3
Other personal injury diving incident	3	1	2	2	1	1	0	0	0	0	1	0
Other personal injury hit by propellor or ship	3	5	6	10	5	6	0	4	0	1	1	0
Other personal injury parasailing incident	0	1	2	0	0	1	0	0	0	0	0	1
Other personal injury water ski incident	10	8	5	5	4	5	0	2	2	0	1	0
Person overboard	21	25	24	21	19	21	2	10	1	5	2	1
Structural failure	16	22	21	14	12	11	1	2	2	4	0	2
All incidents	612	609	648	661	633	633	91	198	103	112	39	90

Table 20 Locations of incidents 2000 - 2005 and year 2005 by region

Location	2000	2001	2002	2003	2004	2005	GC	BN	GL	MK	TV	CN
Not specified	7	1	1	3	0	14	0	1	12	1	0	0
Inland waters	108	102	101	78	74	45	24	11	6	1	2	1
Offshore	114	115	137	134	124	133	20	36	25	8	15	29
Partially smooth waters	160	151	153	195	154	143	2	36	23	62	13	7
Smooth waters	223	241	257	251	281	298	45	114	37	40	9	53
All incidents	612	610	649	661	633	633	91	198	103	112	39	90

Table 21 Incidents by month 2000 - 2005 and year 2005 by region

Month	2000	2001	2002	2003	2004	2005	GC	BN	GL	MK	TV	CN
January	66	59	60	54	59	60	6	22	9	12	4	7
February	49	40	54	39	53	46	4	17	8	8	2	7
March	52	58	57	57	52	64	10	21	9	13	2	9
April	64	54	58	47	58	36	6	9	4	5	3	9
May	49	38	46	47	49	50	11	10	6	14	2	7
June	40	50	63	60	51	46	4	12	11	11	4	4
July	61	48	37	56	43	57	7	16	9	11	3	11
August	60	66	48	61	48	56	6	15	10	14	5	6
September	47	42	61	45	48	62	9	24	17	4	2	6
October	52	51	58	66	61	53	6	15	7	10	7	8
November	34	58	52	65	53	47	8	14	7	4	3	11
December	38	46	55	64	58	56	14	23	6	6	2	5
All incidents	612	610	649	661	633	633	91	198	103	112	39	90

Table 22 Incidents 2000 - 2005 by region

Region	2000	2001	2002	2003	2004	2005
Gold Coast	73	75	79	77	80	91
Brisbane	179	198	198	195	204	198
Gladstone	94	76	87	104	81	103
Mackay	119	128	123	136	134	112
Townsville	46	51	59	49	44	39
Cairns	101	82	103	100	90	90
Region not advised	0	0	0	0	0	0
All incidents	612	610	649	661	633	633

Table 23 Damage category 2000 - 2005 and year 2005 by region

Damage	2000	2001	2002	2003	2004	2005	GC	BN	GL	MK	TV	CN
Not specified	0	0	2	6	1	0	0	0	0	0	0	0
Damage to Property Only	53	51	68	70	71	59	17	27	6	4	3	2
No Damage	217	226	271	245	212	250	29	82	41	45	18	35
Ship Damaged	291	285	268	299	316	293	41	82	51	59	16	44
Ship Lost	51	47	40	36	33	31	4	7	5	4	2	9
All incidents	612	609	649	656	633	633	91	198	103	112	39	90

Table 24 Incidents by time of day 2000 - 2005 and year 2005 by region

Time of day	2000	2001	2002	2003	2004	2005	GC	BN	GL	MK	TV	CN
Not specified	51	22	42	38	42	51	0	15	19	5	0	12
Dawn	19	21	26	26	21	19	1	8	6	2	1	1
Day	382	386	409	423	399	405	73	126	46	81	27	52
Dusk	34	59	58	55	45	50	7	15	11	8	2	7
Night	126	122	114	119	126	108	10	34	21	16	9	18
All incidents	612	610	649	661	633	633	91	198	103	112	39	90

Table 25 No. of ships in incidents 2000 - 2005 by ship type

Ship type	2000	2001	2002	2003	2004	2005
COM Fishing	101	91	88	96	89	63
COM Hire & Drive	0	0	0	0	0	0
COM Hire & Drive (House)	4	4	1	0	1	4
COM Hire & Drive (Motor)	8	10	10	11	3	9
COM Hire & Drive (Other)	0	2	0	1	1	2
COM Hire & Drive (PWC)	7	4	2	2	1	1
COM Hire & Drive (Sail)	43	46	30	48	49	29
COM Hire & Drive (Speed)	2	0	0	1	3	0
COM Houseboat	7	11	11	8	15	8
COM Hovercraft	0	0	0	0	0	0
COM Motorboat	11	8	6	10	5	5
COM Non-passenger	67	29	69	94	54	67
COM Other	46	66	89	51	55	47
COM Paddle (row) boat	1	0	3	0	1	2
COM Passenger	126	161	136	167	130	161
COM PWC (jetski)	6	9	10	13	6	11
COM Sailboat	8	15	14	20	25	12
COM Speedboat	8	12	21	14	12	27
REC Houseboat	7	9	5	7	7	4
REC Motorboat	60	66	69	89	92	118
REC Other	16	30	34	18	18	26
REC Paddle (row) boat	5	2	3	4	6	6
REC PWC (jetski)	27	17	21	11	22	22
REC Sailboat	94	59	86	102	74	83
REC Speedboat	84	56	69	77	73	61
Not specified	10	32	51	8	40	34
Unknown ship type	3	10	10	0	3	7
No of ships by ship type	751	749	838	852	785	809

Table 26 Visibility in incidents 2000 - 2005 and year 2005 by region

Visibility	2000	2001	2002	2003	2004	2005	GC	BN	GL	MK	TV	CN
Not specified	89	33	90	81	90	85	7	42	19	1	1	15
Poor	64	61	50	57	48	52	3	8	14	14	5	8
Fair	96	112	66	73	73	62	9	16	6	15	6	10
Good	363	404	443	450	422	434	72	132	64	82	27	57
All incidents	612	610	649	661	633	633	91	198	103	112	39	90

Table 27 Weather in incidents 2000 - 2005 and year 2005 by region

Weather	2000	2001	2002	2003	2004	2005	GC	BN	GL	MK	TV	CN
Not specified	67	31	70	64	62	67	7	31	14	1	2	12
Clear	364	427	449	429	432	407	61	127	70	69	24	56
Cloudy	83	72	63	92	67	78	10	21	10	20	7	10
Flood	3	1	0	2	3	4	0	1	0	2	1	0
Hazy	15	16	27	20	18	24	3	7	3	6	2	3
Other weather	12	8	7	7	9	11	2	1	1	4	1	2
Rain	68	55	33	47	42	42	8	10	5	10	2	7
All incidents	612	610	649	661	633	633	91	198	103	112	39	90

Table 28 Wind in incidents 2000 - 2005 and year 2005 by region

Wind	2000	2001	2002	2003	2004	2005	GC	BN	GL	MK	TV	CN
Not specified	62	37	67	57	61	65	10	28	12	0	2	13
No wind	57	47	57	51	44	32	10	9	8	2	2	1
Light (up to force 2 / 1-7 knots)	168	217	196	184	204	171	23	63	27	22	9	27
Moderate (force 3-4 / 8-16 knots)	172	186	209	237	172	213	37	43	33	49	19	32
Strong (force 5-7 / 17-33 knots)	130	104	108	125	128	118	7	37	19	34	6	15
Gale (force 8 and above / more than 33 knots)	23	19	12	7	24	34	4	18	4	5	1	2
All incidents	612	610	649	661	633	633	91	198	103	112	39	90

Table 29 Commercial and recreational registrations 2000 - 2005 by region

Recreational registrations						
Region	2000	2001	2002	2003	2004	2005
Gold Coast	18695	20130	22052	23813	25641	27184
Brisbane	70310	74018	75514	78798	82634	86332
Gladstone	24391	25826	29270	31018	32980	34771
Mackay	10417	11046	12632	13270	14077	14962
Townsville	14154	14989	16618	17141	17627	18389
Cairns	15570	16143	15829	16264	16874	17500
Totals	153537	162152	171915	180304	189833	199138

Commercial registrations						
Region	2000	2001	2002	2003	2004	2005
Gold Coast	727	727	763	825	891	951
Brisbane	1569	1596	1580	1636	1654	1504
Gladstone	744	752	778	777	790	867
Mackay	711	751	765	776	760	750
Townsville	473	466	485	468	467	485
Cairns	1105	1123	1178	1165	1186	1177
Totals	5329	5415	5549	5647	5748	5734

Total registrations						
Region	2000	2001	2002	2003	2004	2005
Gold Coast	19422	20857	22815	24638	26532	28135
Brisbane	71879	75614	77094	80434	84288	87836
Gladstone	25135	26578	30048	31795	33770	35638
Mackay	11128	11797	13397	14046	14837	15712
Townsville	14627	15455	17103	17609	18094	18874
Cairns	16675	17266	17007	17429	18060	18677
Totals	158866	167567	177464	185951	195581	204872