

Table 1

Reportable Aircraft Occurrences

	December			January to December		
	2014	2013	2009-2013 Average	2014	2013	2009-2013 Average
Number of reportable accidents	5	6	11	251	276	282
Accidents in Canada involving Canadian-registered aircraft	5	6	10	240	262	263
Accidents outside Canada involving Canadian-registered aircraft	0	0	1	4	4	6
Accidents in Canada involving foreign-registered aircraft	0	0	0	7	10	13
Number of accidents by operator type	5	6	11	251	276	282
Commercial	2	2	4	61	65	75
Airliner (705)	0	0	0	7	7	5
Commuter (704)	0	0	1	2	3	5
Air taxi (703)	0	2	3	33	32	38
Aerial work (702)	1	0	1	17	21	24
Foreign/Other (a)	1	0	0	3	2	2
State	0	0	0	4	6	4
Corporate	0	0	0	5	6	5
Private/Other (b)	3	4	6	181	200	198
Number of accidents by aircraft type	5	6	11	251	276	282
Aeroplane	4	4	8	178	212	212
Helicopter	1	1	2	34	27	34
Ultralight	1	1	0	32	24	28
Other (c)	0	0	0	8	14	8
Number of aircraft involved in accidents*	6	6	11	255	280	286
Aeroplanes	4	4	8	181	215	216
Helicopters	1	1	2	34	27	34
Ultralights	1	1	0	32	24	28
Others (c)	0	0	0	8	14	8
Number of fatal accidents by aircraft type	0	2	2	14	38	37
Aeroplane	0	2	1	12	25	24
Helicopter	0	0	0	0	6	6
Ultralight	0	0	0	2	4	4
Other (c)	0	0	0	0	4	2
Reportable accident fatalities	0	3	2	21	66	67
Reportable accident serious injuries	1	0	2	36	22	40
Accidents in Canada involving foreign-registered aircraft	0	0	0	7	10	13
Fatal accidents	0	0	0	2	2	2
Fatalities	0	0	0	4	2	2
Serious Injuries	0	0	0	1	0	2
Occurrences with a dangerous good release	0	0	0	4	4	2
Number of reportable incidents**	53	59	57	733	686	721
Incidents in Canada involving Canadian-registered aircraft	47	46	41	590	540	543
Incidents outside Canada involving Canadian-registered aircraft	4	2	5	58	39	59
Incidents in Canada involving foreign-registered aircraft	2	12	11	99	126	145
Number of reportable incidents by type	53	59	57	733	686	721
Risk of collision/Loss of separation	4	5	5	92	115	139
Declared emergency	25	34	29	311	291	290
Engine failure	12	5	9	104	83	92
Smoke/Fire	5	5	6	88	67	81
Collision	0	1	1	15	15	8
Other	7	9	8	123	115	111

Data extracted January 15, 2015.

Reportable accidents and incidents are reported in accordance with the TSB's regulations for mandatory reporting of occurrences.

Breakdowns may not add up to totals. For example, in the total "Number of accidents by aircraft type", when an occurrence involves an airplane and a helicopter, the occurrence is counted in each category, but only once in the total.

* Only "Number of aircraft involved in accidents" are aircraft counts, all other data are accident counts.

a. The commercial service type is not available for foreign-registered aircraft.

b. Other: contains, but is not limited to, organizations that rent aircraft (i.e., flying schools, flying clubs, etc.).

c. Includes balloons, gyroplanes, gliders, dirigibles, hang gliders, unmanned aerial vehicles (UAV) and similar aircraft types.

New TSB regulations came into effect on July 1, 2014, changing some reporting requirements.

** Under new reporting requirements aviation incidents include: a) aircraft having a maximum certificated take-off weight greater than 2 250 kg (formerly 5700 kg); b) aircraft being operated under an air operator certificate issued under CARS Part VII.

Table 2
Occurrences Involving Canadian-Registered Aircraft

	December			January to December		
	2014	2013	2009-2013 Average	2014	2013	2009-2013 Average
Number of accidents by aircraft and operator type (a)	5	5	10	214	243	241
Aeroplane accidents	4	4	8	172	204	201
Commercial	1	1	2	36	40	49
Airliner (705)	0	0	0	7	7	5
Commuter (704)	0	0	1	1	3	5
Air taxi (703)	0	1	1	18	18	26
Aerial work (702)	0	0	0	8	12	13
Other	1	0	0	2	0	0
State	0	0	0	3	2	2
Corporate	0	0	0	2	4	3
Private/Other (b)	3	3	5	131	159	148
Helicopter accidents	1	1	2	34	27	33
Commercial	1	1	2	24	22	24
State	0	0	0	1	1	1
Corporate	0	0	0	0	0	1
Private/Other (b)	0	0	0	9	4	7
Other aircraft accidents (c)	0	0	0	8	13	7
Number of fatal accidents by aircraft and operator type (a)	0	2	2	10	32	31
Aeroplane accidents	0	2	1	10	24	23
Commercial	0	0	1	2	7	8
Airliner (705)	0	0	0	0	0	0
Commuter (704)	0	0	0	0	1	1
Air taxi (703)	0	0	0	1	5	5
Aerial work (702)	0	0	0	1	1	2
Other	0	0	0	0	0	0
State	0	0	0	0	0	0
Corporate	0	0	0	0	1	0
Private/Other	0	2	1	8	16	15
Helicopter accidents	0	0	0	0	6	6
Other aircraft accidents (c)	0	0	0	0	3	1
Accident fatalities (a)	0	3	2	15	60	61
Accident serious injuries (a)	1	0	2	29	19	33
Number of incidents by type (a)*	51	48	46	648	579	601
Risk of collision/Loss of separation	4	5	5	82	105	124
Declared emergency	24	27	23	275	231	226
Engine failure	12	4	7	94	70	79
Smoke/Fire	5	5	5	76	55	67
Collision	0	1	0	14	14	7
Other	6	6	7	107	104	99
Number of accidents involving ultralight aircraft	1	1	0	31	23	28
Fatal accidents	0	0	0	2	4	4
Fatalities	0	0	0	2	4	5
Serious injuries	0	0	0	6	3	5

Data extracted January 15, 2015.

Reportable accidents and incidents are reported in accordance with the TSB's regulations for mandatory reporting of occurrences. Breakdowns may not add up to totals. For example, in the total "Number of accidents by aircraft type", when an occurrence involves an airplane and a helicopter, the occurrence is counted in each category, but only once in the total.

a. Accidents involving Canadian-registered aircraft, except ultralights.

b. Other: contains, but is not limited to, organizations that rent aircraft (i.e. flying schools, flying clubs, etc.).

c. Includes balloons, gyroplanes, gliders, dirigibles, hang gliders and similar aircraft types.

New TSB regulations came into effect on July 1, 2014, changing some reporting requirements.

* Under new reporting requirements aviation incidents include aircraft having a maximum certificated take-off weight greater than 2 250 kg (formerly 5700 kg), or of aircraft being operated under an air operator certificate issued under CARS Part VII.

Table 3

Accidents Involving Canadian-Registered Fixed Wing and Rotary Wing Aircraft By Type of Operation

	December			January to December		
	2014	2013	2009-2013 Average	2014	2013	2009-2013 Average
Number of accidents by operation type	5	5	10	206	231	234
Aeroplane accidents	4	4	8	172	204	201
Training	2	0	1	27	24	30
Pleasure/Travel	2	2	4	96	127	111
Business	0	0	0	9	2	5
Forest fire management	0	0	0	2	3	2
Test/Demonstration/Ferry	0	0	0	4	4	4
Aerial application	0	0	0	5	7	6
Inspection	0	0	0	0	1	1
Air transport	0	1	2	24	26	32
Air ambulance	0	0	0	1	0	2
Sightseeing	0	0	0	1	1	2
Other/Unknown	0	1	0	4	11	9
Helicopter accidents	1	1	2	34	27	33
Training	0	0	0	2	1	2
Pleasure/Travel	0	0	0	7	2	5
Business	0	0	0	0	1	1
Forest fire management	0	0	0	0	3	2
Test/Demonstration/Ferry	0	0	0	0	1	1
Aerial application	0	0	0	1	0	2
Inspection	1	0	0	3	2	1
Air transport	0	0	1	18	8	11
Air ambulance	0	1	0	0	2	1
Sightseeing	0	0	0	1	0	0
Other/Unknown	0	0	1	2	7	6
Number of fatal accidents by operation type	0	2	2	10	30	30
Training	0	0	0	1	2	2
Pleasure/Travel	0	1	1	7	11	14
Business	0	0	0	1	1	1
Forest fire management	0	0	0	0	0	1
Test/Demonstration/Ferry	0	0	0	0	1	1
Aerial application	0	0	0	0	1	0
Inspection	0	0	0	0	1	0
Air transport	0	0	1	1	8	8
Air ambulance	0	0	0	0	1	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	0	1	0	0	4	3
Fatalities	0	3	2	15	58	59
Serious injuries	1	0	2	28	19	32

Data extracted January 15, 2015.

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Canadian-registered aircraft, excluding ultralights, balloons, gyroplanes, gliders, dirigibles, hang gliders and similar aircraft types. New TSB regulations came into effect on July 1, 2014, changing some reporting requirements.