

Table 1
Reportable Aircraft Occurrences

	June			Year to Date (June)		
	2016	2015	2011-2015 Average	2016	2015	2011-2015 Average
Number of reportable accidents	31	30	33	105	111	115
Accidents in Canada involving Canadian-registered aircraft	30	27	31	94	103	107
Accidents outside Canada involving Canadian-registered aircraft	1	0	0	5	2	3
Accidents in Canada involving foreign-registered aircraft	0	3	2	6	6	5
Number of accidents by operator type	31	30	33	105	111	115
Commercial	6	6	10	29	36	40
Airliner (705)	0	1	1	0	4	3
Commuter (704)	0	0	0	1	2	2
Air taxi (703)	3	1	4	14	8	15
Aerial work (702)	1	2	3	4	8	8
Foreign/Other (a)	2	2	2	11	14	12
State	0	0	1	0	1	2
Corporate	0	0	0	0	0	1
Private/Other (b)	25	25	23	76	75	73
Number of accidents by aircraft type	31	30	33	105	111	115
Aeroplane	25	23	25	85	89	87
Helicopter	1	5	3	10	16	15
Ultralight	3	2	3	7	5	10
Other (c)	2	0	1	3	2	3
Number of aircraft involved in accidents*	31	31	33	107	114	117
Aeroplanes	25	24	26	87	91	89
Helicopters	1	5	3	10	16	15
Ultralights	3	2	3	7	5	10
Others (c)	2	0	1	3	2	3
Number of fatal accidents by aircraft type	3	5	4	7	12	12
Aeroplane	3	4	2	7	10	8
Helicopter	0	0	0	0	0	2
Ultralight	0	1	1	0	2	2
Other (c)	0	0	0	0	0	1
Reportable accident fatalities	3	9	7	14	20	21
Reportable accident serious injuries	2	4	4	3	9	13
Accidents in Canada involving foreign-registered aircraft	0	3	2	6	6	5
Fatal accidents	0	1	0	1	2	1
Fatalities	0	2	0	7	3	1
Serious Injuries	0	0	0	0	0	0
Occurrences with a dangerous good release	1	2	0	2	2	1
Number of reportable incidents**	49	69	53	347	396	342
Incidents in Canada involving Canadian-registered aircraft	36	63	43	254	334	269
Incidents outside Canada involving Canadian-registered aircraft	9	2	4	44	28	26
Incidents in Canada involving foreign-registered aircraft	7	5	8	57	46	56
Number of reportable incidents by type	49	69	53	347	396	342
Risk of collision/Loss of separation	10	6	9	46	55	54
Declared emergency	22	31	22	141	168	145
Engine failure	6	11	8	46	54	44
Smoke/Fire	3	3	5	41	41	38
Collision	0	1	0	2	6	4
Other	8	17	8	71	72	56

Data extracted July 15, 2016

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**

	June			Year to Date (June)		
	2016	2015	2011-2015 Average	2016	2015	2011-2015 Average
Number of accidents by aircraft and operator type	28	25	28	92	101	101
Aeroplane accidents	25	20	23	80	84	83
Commercial	5	5	7	21	24	26
Airliner (705)	0	1	0	0	4	3
Commuter (704)	0	0	0	1	2	2
Air taxi (703)	2	1	3	8	4	8
Aerial work (702)	1	1	1	3	4	4
Other	2	2	1	10	10	10
State	0	0	0	0	1	1
Corporate	0	0	0	0	0	0
Private/Other (a)	20	16	16	59	60	56
Helicopter accidents	1	5	3	9	16	15
Commercial	1	1	2	6	12	12
State	0	0	0	0	0	1
Corporate	0	0	0	0	0	0
Private/Other (a)	0	4	1	3	4	2
Other aircraft accidents (b)	2	0	1	3	2	3
Number of fatal accidents by aircraft and operator type	3	3	3	6	9	10
Aeroplane accidents	3	3	2	6	9	8
Commercial	0	1	1	0	3	2
Airliner (705)	0	0	0	0	0	0
Commuter (704)	0	0	0	0	0	0
Air taxi (703)	0	0	0	0	1	1
Aerial work (702)	0	0	0	0	1	1
Other	0	1	0	0	1	0
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other	3	3	2	6	7	6
Helicopter accidents	0	0	0	0	0	2
Other aircraft accidents (b)	0	0	0	0	0	1
Accident fatalities	3	6	6	7	16	18
Accident serious injuries	2	2	3	2	7	10
Number of incidents by type*	45	65	47	298	362	295
Risk of collision/Loss of separation	10	6	9	35	50	49
Declared emergency	19	27	18	122	148	119
Engine failure	5	11	8	40	53	40
Smoke/Fire	3	3	4	38	38	32
Collision	0	1	0	2	5	4
Other	8	17	8	61	68	50
Number of accidents involving ultralight aircraft	3	2	3	7	4	9
Fatal accidents	0	1	1	0	1	2
Fatalities	0	1	1	0	1	2
Serious injuries	0	2	1	1	2	3

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

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

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Table 3

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

	June			Year to Date (June)		
	2016	2015	2011-2015 Average	2016	2015	2011-2015 Average
Number of accidents by operation type	26	25	27	89	100	98
Aeroplane accidents	25	20	23	80	84	83
Training	3	2	2	14	10	12
Pleasure/Travel	15	15	15	50	50	49
Business	1	0	1	2	0	3
Forest fire management	0	0	0	1	1	1
Test/Demonstration/Ferry	0	0	0	1	0	1
Aerial application	2	0	0	2	1	0
Inspection	0	1	0	0	1	0
Air transport	2	2	4	6	10	11
Air ambulance	0	0	0	1	0	1
Sightseeing	0	0	0	0	0	1
Other/Unknown	2	1	1	4	12	5
Helicopter accidents	1	5	3	9	16	15
Training	1	0	0	1	5	2
Pleasure/Travel	0	4	1	3	4	2
Business	0	0	0	0	0	0
Forest fire management	0	1	0	0	1	1
Test/Demonstration/Ferry	0	0	0	0	0	0
Aerial application	0	0	0	0	0	0
Inspection	0	0	0	0	0	1
Air transport	0	0	1	2	2	5
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	0	0	1	3	4	4
Number of fatal accidents by operation type	3	3	3	6	9	10
Training	0	1	0	0	1	0
Pleasure/Travel	3	3	2	6	6	5
Business	0	0	0	0	0	1
Forest fire management	0	0	0	0	1	0
Test/Demonstration/Ferry	0	0	0	0	0	0
Aerial application	0	0	0	0	0	0
Inspection	0	0	0	0	0	0
Air transport	0	0	1	0	1	2
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	0	0	0	0	1	1
Fatalities	3	6	6	7	16	18
Serious injuries	1	2	3	1	7	10

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Canadian-registered aircraft, excluding ultralights, balloons, gyroplanes, gliders, dirigibles, hang gliders and similar aircraft types

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