

Table 1

Reportable Aircraft Occurrences

	June			Year to Date (June)		
	2015	2014	2010-2014 Average	2015	2014	2010-2014 Average
Number of reportable accidents	30	38	32	111	115	116
Accidents in Canada involving Canadian-registered aircraft	27	36	30	103	109	108
Accidents outside Canada involving Canadian-registered aircraft	0	0	0	2	4	3
Accidents in Canada involving foreign-registered aircraft	3	2	2	6	2	5
Number of accidents by operator type	30	38	32	111	115	116
Commercial	6	5	9	35	27	31
Airliner (705)	1	0	0	4	3	3
Commuter (704)	0	0	0	2	0	2
Air taxi (703)	1	3	5	8	16	16
Aerial work (702)	2	2	3	8	8	9
Foreign/Other (a)	2	0	1	13	1	1
State	0	2	1	1	2	2
Corporate	0	1	0	0	2	2
Private/Other (b)	25	30	22	76	84	81
Number of accidents by aircraft type	30	38	32	111	115	116
Aeroplane	23	31	25	88	84	88
Helicopter	5	1	3	17	14	14
Ultralight	2	4	4	5	13	11
Other (c)	0	2	1	2	4	3
Number of aircraft involved in accidents*	31	38	33	114	117	117
Aeroplanes	24	31	25	90	86	89
Helicopters	5	1	3	17	14	14
Ultralights	2	4	4	5	13	11
Others (c)	0	2	1	2	4	3
Number of fatal accidents by aircraft type	5	2	3	12	5	13
Aeroplane	4	1	2	10	3	9
Helicopter	0	0	0	0	0	2
Ultralight	1	1	1	2	2	2
Other (c)	0	0	0	0	0	1
Reportable accident fatalities	9	3	7	20	7	23
Reportable accident serious injuries	2	4	4	7	14	13
Accidents in Canada involving foreign-registered aircraft	3	2	2	6	2	5
Fatal accidents	1	0	0	2	0	1
Fatalities	2	0	0	3	0	1
Serious Injuries	0	1	0	0	1	0
Occurrences with a dangerous good release	3	0	0	3	2	1
Number of reportable incidents**	68	45	52	394	333	341
Incidents in Canada involving Canadian-registered aircraft	62	36	40	332	254	259
Incidents outside Canada involving Canadian-registered aircraft	2	2	5	28	28	28
Incidents in Canada involving foreign-registered aircraft	5	8	9	45	57	63
Number of reportable incidents by type	68	45	52	394	333	341
Risk of collision/Loss of separation	6	8	11	55	43	64
Declared emergency	31	19	20	168	145	141
Engine failure	10	7	7	52	44	41
Smoke/Fire	3	5	6	41	39	38
Collision	1	0	0	6	3	4
Other	17	6	7	72	59	53

Data extracted August 7, 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

	June			Year to Date (June)		
	2015	2014	2010-2014 Average	2015	2014	2010-2014 Average
Number of accidents by aircraft and operator type	25	33	27	101	101	100
Aeroplane accidents	20	30	23	83	83	84
Commercial	5	4	6	22	16	19
Airliner (705)	1	0	0	4	3	3
Commuter (704)	0	0	0	2	0	2
Air taxi (703)	1	3	4	3	9	10
Aerial work (702)	1	1	2	4	4	4
Other	2	0	0	9	0	0
State	0	2	1	1	2	1
Corporate	0	0	0	0	1	1
Private/Other (a)	16	24	16	61	64	62
Helicopter accidents	5	1	3	17	14	14
Commercial	1	0	2	13	10	11
State	0	0	0	0	0	1
Corporate	0	0	0	0	0	0
Private/Other (a)	4	1	1	4	4	2
Other aircraft accidents (b)	0	2	1	2	4	3
Number of fatal accidents by aircraft and operator type	3	1	3	9	3	11
Aeroplane accidents	3	1	2	9	3	8
Commercial	1	0	1	3	1	3
Airliner (705)	0	0	0	0	0	0
Commuter (704)	0	0	0	0	0	0
Air taxi (703)	0	0	1	1	0	2
Aerial work (702)	0	0	0	1	1	1
Other	1	0	0	1	0	0
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other	3	1	1	7	2	5
Helicopter accidents	0	0	0	0	0	2
Other aircraft accidents (b)	0	0	0	0	0	1
Accident fatalities	6	2	6	16	5	21
Accident serious injuries	2	2	3	7	9	10
Number of incidents by type*	64	38	45	360	282	287
Risk of collision/Loss of separation	6	7	10	50	38	57
Declared emergency	27	16	16	148	121	113
Engine failure	10	7	6	51	37	36
Smoke/Fire	3	3	5	38	32	32
Collision	1	0	0	5	2	3
Other	17	5	7	68	52	46
Number of accidents involving ultralight aircraft	2	3	4	4	12	11
Fatal accidents	1	1	1	1	2	2
Fatalities	1	1	1	1	2	2
Serious injuries	0	1	1	0	4	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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*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 3

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

	June			Year to Date (June)		
	2015	2014	2010-2014 Average	2015	2014	2010-2014 Average
Number of accidents by operation type	25	31	26	100	97	98
Aeroplane accidents	20	30	23	83	83	84
Training	2	1	1	10	13	13
Pleasure/Travel	15	19	14	49	47	47
Business	0	3	1	0	6	3
Forest fire management	0	1	0	1	1	1
Test/Demonstration/Ferry	0	1	0	0	1	1
Aerial application	0	0	1	1	0	1
Inspection	1	0	0	1	0	0
Air transport	2	4	4	9	11	13
Air ambulance	0	0	0	0	1	1
Sightseeing	0	0	1	0	0	1
Other/Unknown	1	1	1	13	3	4
Helicopter accidents	5	1	3	17	14	14
Training	0	0	0	5	1	1
Pleasure/Travel	4	1	1	4	3	2
Business	0	0	0	0	0	0
Forest fire management	1	0	0	1	0	0
Test/Demonstration/Ferry	0	0	0	0	0	0
Aerial application	0	0	0	0	0	1
Inspection	0	0	0	0	1	1
Air transport	0	0	1	2	8	5
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	0	0	1	5	1	3
Number of fatal accidents by operation type	3	1	3	9	3	10
Training	1	0	0	1	0	0
Pleasure/Travel	3	1	1	6	2	5
Business	0	0	0	0	1	1
Forest fire management	0	0	0	1	0	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	1	0	2
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	0	0	0	1	0	1
Fatalities	6	2	6	16	5	20
Serious injuries	2	1	3	7	8	10

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

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