

Table 1
Reportable Aircraft Occurrences

	May			Year to Date (May)		
	2016	2015	2011-2015 Average	2016	2015	2011-2015 Average
Number of reportable accidents	28	26	30	74	81	82
Accidents in Canada involving Canadian-registered aircraft	25	25	28	64	76	76
Accidents outside Canada involving Canadian-registered aircraft	1	0	0	4	2	3
Accidents in Canada involving foreign-registered aircraft	2	1	2	6	3	3
Number of accidents by operator type	28	26	30	74	81	82
Commercial	5	8	8	23	30	23
Airliner (705)	0	0	1	0	3	3
Commuter (704)	0	1	0	1	2	2
Air taxi (703)	3	2	3	11	7	10
Aerial work (702)	2	2	3	3	6	6
Foreign/Other (a)	0	3	1	9	12	3
State	0	0	0	0	1	1
Corporate	0	0	1	0	0	2
Private/Other (b)	23	18	21	51	50	56
Number of accidents by aircraft type	28	26	30	74	81	82
Aeroplane	24	21	22	60	66	62
Helicopter	3	4	4	9	11	12
Ultralight	1	1	4	4	3	7
Other (c)	0	1	1	1	2	2
Number of aircraft involved in accidents*	28	27	31	76	83	83
Aeroplanes	24	21	22	62	67	63
Helicopters	3	4	4	9	11	12
Ultralights	1	1	4	4	3	7
Others (c)	0	1	1	1	2	2
Number of fatal accidents by aircraft type	1	3	5	4	7	9
Aeroplane	1	2	3	4	6	6
Helicopter	0	0	1	0	0	1
Ultralight	0	1	1	0	1	1
Other (c)	0	0	0	0	0	0
Reportable accident fatalities	1	4	8	11	11	14
Reportable accident serious injuries	0	1	3	1	5	8
Accidents in Canada involving foreign-registered aircraft	2	1	2	6	3	3
Fatal accidents	0	1	0	1	1	1
Fatalities	0	1	0	7	1	1
Serious Injuries	0	0	0	0	0	0
Occurrences with a dangerous good release	0	0	0	1	0	1
Number of reportable incidents**	54	67	55	297	326	288
Incidents in Canada involving Canadian-registered aircraft	41	54	42	217	270	225
Incidents outside Canada involving Canadian-registered aircraft	4	3	4	35	26	23
Incidents in Canada involving foreign-registered aircraft	10	14	10	50	41	48
Number of reportable incidents by type	54	67	55	297	326	288
Risk of collision/Loss of separation	7	13	9	36	49	45
Declared emergency	20	25	20	118	137	123
Engine failure	8	11	9	40	42	36
Smoke/Fire	10	6	6	38	38	34
Collision	0	0	0	2	5	4
Other	9	12	11	63	55	47

Data extracted June 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

	May			Year to Date (May)		
	2016	2015	2011-2015 Average	2016	2015	2011-2015 Average
Number of accidents by aircraft and operator type	25	25	25	64	76	73
Aeroplane accidents	22	21	20	55	64	60
Commercial	3	4	4	16	19	13
Airliner (705)	0	0	1	0	3	3
Commuter (704)	0	1	0	1	2	1
Air taxi (703)	2	1	2	6	3	5
Aerial work (702)	1	2	1	2	3	2
Other	0	0	0	8	8	2
State	0	0	0	0	1	1
Corporate	0	0	0	0	0	1
Private/Other (a)	19	17	16	39	44	45
Helicopter accidents	3	4	4	8	11	12
Commercial	2	4	4	5	11	10
State	0	0	0	0	0	1
Corporate	0	0	0	0	0	0
Private/Other (a)	1	0	0	3	0	1
Other aircraft accidents (b)	0	1	1	1	2	2
Number of fatal accidents by aircraft and operator type	1	2	4	3	6	7
Aeroplane accidents	1	2	3	3	6	6
Commercial	0	1	1	0	2	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	1	0	0	1	1
Other	0	0	0	0	0	0
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other	1	1	2	3	4	4
Helicopter accidents	0	0	1	0	0	1
Other aircraft accidents (b)	0	0	0	0	0	0
Accident fatalities	1	3	7	4	10	13
Accident serious injuries	0	1	2	0	5	7
Number of incidents by type*	45	57	47	252	296	248
Risk of collision/Loss of separation	4	11	8	25	44	40
Declared emergency	17	20	17	102	121	101
Engine failure	6	11	7	35	41	33
Smoke/Fire	10	6	5	35	35	29
Collision	0	0	0	2	4	3
Other	8	9	9	53	51	42
Number of accidents involving ultralight aircraft	1	0	3	4	2	6
Fatal accidents	0	0	1	0	0	1
Fatalities	0	0	1	0	0	1
Serious injuries	0	0	1	1	0	2

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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

	May			Year to Date (May)		
	2016	2015	2011-2015 Average	2016	2015	2011-2015 Average
Number of accidents by operation type	25	25	24	63	75	72
Aeroplane accidents	22	21	20	55	64	60
Training	0	0	2	11	8	11
Pleasure/Travel	19	14	14	35	35	34
Business	0	0	1	1	0	2
Forest fire management	1	1	0	1	1	0
Test/Demonstration/Ferry	1	0	0	1	0	0
Aerial application	0	1	0	0	1	0
Inspection	0	0	0	0	0	0
Air transport	1	2	3	4	8	7
Air ambulance	0	0	0	1	0	1
Sightseeing	0	0	0	0	0	0
Other/Unknown	0	3	1	2	11	4
Helicopter accidents	3	4	4	8	11	12
Training	0	3	1	0	5	1
Pleasure/Travel	1	0	0	3	0	1
Business	0	0	0	0	0	0
Forest fire management	0	0	0	0	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	1
Air transport	0	0	1	2	2	4
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	2	1	0	3	4	3
Number of fatal accidents by operation type	1	2	4	3	6	7
Training	0	0	0	0	0	0
Pleasure/Travel	1	1	2	3	3	3
Business	0	0	1	0	0	1
Forest fire management	0	1	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	0	0	1	1
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	0	0	0	0	1	1
Fatalities	1	3	7	4	10	12
Serious injuries	0	1	2	0	5	7

Data extracted June 15, 2016

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

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