

Table 1

Reportable Aircraft Occurrences

	May			Year to Date (May)		
	2015	2014	2010-2014 Average	2015	2014	2010-2014 Average
Number of reportable accidents	25	30	31	80	77	84
Accidents in Canada involving Canadian-registered aircraft	24	28	29	75	73	78
Accidents outside Canada involving Canadian-registered aircraft	0	2	0	2	4	3
Accidents in Canada involving foreign-registered aircraft	1	0	2	3	0	3
Number of accidents by operator type	25	30	31	80	77	84
Commercial	7	9	8	28	22	22
Airliner (705)	0	2	1	3	3	3
Commuter (704)	1	0	1	2	0	2
Air taxi (703)	1	4	4	7	13	11
Aerial work (702)	2	3	3	6	6	6
Foreign/Other (a)	3	1	0	10	1	0
State	0	0	0	1	0	1
Corporate	0	0	1	0	1	2
Private/Other (b)	18	21	22	51	54	59
Number of accidents by aircraft type	25	30	31	80	77	84
Aeroplane	20	21	22	64	53	63
Helicopter	4	3	3	12	13	11
Ultralight	1	5	4	3	9	7
Other (c)	1	1	1	2	2	2
Number of aircraft involved in accidents*	26	32	31	82	79	84
Aeroplanes	20	23	23	65	55	64
Helicopters	4	3	3	12	13	11
Ultralights	1	5	4	3	9	7
Others (c)	1	1	1	2	2	2
Number of fatal accidents by aircraft type	3	3	5	7	3	10
Aeroplane	2	2	4	6	2	6
Helicopter	0	0	1	0	0	1
Ultralight	1	1	1	1	1	1
Other (c)	0	0	0	0	0	1
Reportable accident fatalities	4	4	10	11	4	16
Reportable accident serious injuries	1	5	3	5	10	9
Accidents in Canada involving foreign-registered aircraft	1	0	2	3	0	3
Fatal accidents	1	0	0	1	0	1
Fatalities	1	0	0	1	0	1
Serious Injuries	0	0	0	0	0	0
Occurrences with a dangerous good release	0	2	0	0	2	1
Number of reportable incidents**	65	52	58	324	289	289
Incidents in Canada involving Canadian-registered aircraft	52	36	43	268	218	219
Incidents outside Canada involving Canadian-registered aircraft	3	8	5	26	27	23
Incidents in Canada involving foreign-registered aircraft	14	8	11	40	49	54
Number of reportable incidents by type	65	52	58	324	289	289
Risk of collision/Loss of separation	0	8	11	14	35	53
Declared emergency	24	18	19	136	127	121
Engine failure	10	9	9	41	37	34
Smoke/Fire	6	5	7	38	34	32
Collision	0	0	0	5	3	4
Other	25	12	12	90	53	46

Data extracted June 16, 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

	May			Year to Date (May)		
	2015	2014	2010-2014 Average	2015	2014	2010-2014 Average
Number of accidents by aircraft and operator type (a)	24	25	25	75	68	73
Aeroplane accidents	20	21	21	62	53	60
Commercial	3	6	5	16	12	13
Airliner (705)	0	2	1	3	3	3
Commuter (704)	1	0	1	2	0	1
Air taxi (703)	0	3	2	2	6	6
Aerial work (702)	2	1	1	3	3	2
Other	0	0	0	6	0	0
State	0	0	0	1	0	0
Corporate	0	0	0	0	1	1
Private/Other (b)	17	15	16	45	40	46
Helicopter accidents	4	3	3	12	13	11
Commercial	4	3	3	12	10	9
State	0	0	0	0	0	1
Corporate	0	0	0	0	0	0
Private/Other (b)	0	0	0	0	3	1
Other aircraft accidents (c)	1	1	1	2	2	1
Number of fatal accidents by aircraft and operator type (a)	2	2	4	6	2	8
Aeroplane accidents	2	2	4	6	2	6
Commercial	1	1	1	2	1	2
Airliner (705)	0	0	0	0	0	0
Commuter (704)	0	0	0	0	0	0
Air taxi (703)	0	0	1	1	0	1
Aerial work (702)	1	1	0	1	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	4	1	4
Helicopter accidents	0	0	1	0	0	1
Other aircraft accidents (c)	0	0	0	0	0	0
Accident fatalities (a)	3	3	9	10	3	14
Accident serious injuries (a)	1	3	2	5	7	7
Number of incidents by type (a)*	55	44	48	294	244	242
Risk of collision/Loss of separation	0	7	9	13	31	47
Declared emergency	19	17	16	120	105	96
Engine failure	10	6	7	40	30	30
Smoke/Fire	6	5	5	35	29	27
Collision	0	0	0	4	2	3
Other	20	9	10	82	47	39
Number of accidents involving ultralight aircraft	0	5	4	2	9	7
Fatal accidents	0	1	1	0	1	1
Fatalities	0	1	1	0	1	1
Serious injuries	0	2	1	0	3	2

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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.).

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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)		
	2015	2014	2010-2014 Average	2015	2014	2010-2014 Average
Number of accidents by operation type	24	24	24	74	66	72
Aeroplane accidents	20	21	21	62	53	60
Training	0	1	2	7	12	11
Pleasure/Travel	13	14	13	34	28	33
Business	0	1	1	0	3	2
Forest fire management	1	0	0	1	0	0
Test/Demonstration/Ferry	0	0	0	0	0	1
Aerial application	1	0	0	1	0	0
Inspection	0	0	0	0	0	0
Air transport	1	4	4	7	7	9
Air ambulance	0	1	0	0	1	1
Sightseeing	0	0	0	0	0	0
Other/Unknown	4	0	1	12	2	2
Helicopter accidents	4	3	3	12	13	11
Training	3	0	0	5	1	0
Pleasure/Travel	0	0	0	0	2	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	1	0	0	1	1
Air transport	0	2	2	2	8	4
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	1	0	0	5	1	3
Number of fatal accidents by operation type	2	2	4	6	2	8
Training	0	0	0	0	0	0
Pleasure/Travel	1	1	2	3	1	3
Business	0	1	1	0	1	1
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	0
Inspection	0	0	0	0	0	0
Air transport	0	0	1	1	0	1
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	0	0	0	1	0	1
Fatalities	3	3	9	10	3	14
Serious injuries	1	3	2	5	7	7

Data extracted June 16, 2015

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

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