

Table 1

Reportable Aircraft Occurrences

	January			Year to Date (January)		
	2017	2016	2012-2016 Average	2017	2016	2012-2016 Average
Number of reportable accidents	10	13	11	10	13	11
Accidents in Canada involving Canadian-registered aircraft	8	9	10	8	9	10
Accidents outside Canada involving Canadian-registered aircraft	1	2	1	1	2	1
Accidents in Canada involving foreign-registered aircraft	1	2	1	1	2	1
Number of accidents by operator type	10	13	11	10	13	11
Commercial	5	7	6	5	7	6
Airliner (705)	0	0	0	0	0	0
Commuter (704)	0	0	0	0	0	0
Air taxi (703)	2	4	3	2	4	3
Aerial work (702)	0	1	1	0	1	1
Foreign/Other (a)	3	3	3	3	3	3
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other (b)	5	6	5	5	6	5
Number of accidents by aircraft type	10	13	11	10	13	11
Aeroplane	5	11	9	5	11	9
Helicopter	2	2	2	2	2	2
Ultralight	3	0	0	3	0	0
Other (c)	0	0	0	0	0	0
Number of aircraft involved in accidents*	11	14	11	11	14	11
Aeroplanes	6	12	9	6	12	9
Helicopters	2	2	2	2	2	2
Ultralights	3	0	0	3	0	0
Others (c)	0	0	0	0	0	0
Number of fatal accidents by aircraft type	0	0	1	0	0	1
Aeroplane	0	0	0	0	0	0
Helicopter	0	0	0	0	0	0
Ultralight	0	0	0	0	0	0
Other (c)	0	0	0	0	0	0
Reportable accident fatalities	0	0	2	0	0	2
Reportable accident serious injuries	3	0	1	3	0	1
Accidents in Canada involving foreign-registered aircraft	1	2	1	1	2	1
Fatal accidents	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0
Serious Injuries	0	0	0	0	0	0
Occurrences with a dangerous good release	0	1	0	0	1	0
Number of reportable incidents**	58	71	66	58	71	66
Incidents in Canada involving Canadian-registered aircraft	44	55	48	44	55	48
Incidents outside Canada involving Canadian-registered aircraft	8	6	6	8	6	6
Incidents in Canada involving foreign-registered aircraft	9	10	13	9	10	13
Number of reportable incidents by type	58	71	66	58	71	66
Risk of collision/Loss of separation	13	9	8	13	9	8
Declared emergency	25	26	28	25	26	28
Engine failure	2	10	7	2	10	7
Smoke/Fire	4	9	9	4	9	9
Collision	2	0	1	2	0	1
Other	12	17	13	12	17	13

Data extracted February 15, 2017

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

	January			Year to Date (January)		
	2017	2016	2012-2016 Average	2017	2016	2012-2016 Average
Number of accidents by aircraft and operator type	6	11	11	6	11	11
Aeroplane accidents	4	10	9	4	10	9
Commercial	2	4	4	2	4	4
Airliner (705)	0	0	0	0	0	0
Commuter (704)	0	0	0	0	0	0
Air taxi (703)	1	2	2	1	2	2
Aerial work (702)	0	1	1	0	1	1
Other	1	2	2	1	2	2
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other (a)	2	6	4	2	6	4
Helicopter accidents	2	1	2	2	1	2
Commercial	2	1	2	2	1	2
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other (a)	0	0	0	0	0	0
Other aircraft accidents (b)	0	0	0	0	0	0
Number of fatal accidents by aircraft and operator type	0	0	1	0	0	1
Aeroplane accidents	0	0	0	0	0	0
Commercial	0	0	0	0	0	0
Airliner (705)	0	0	0	0	0	0
Commuter (704)	0	0	0	0	0	0
Air taxi (703)	0	0	0	0	0	0
Aerial work (702)	0	0	0	0	0	0
Other	0	0	0	0	0	0
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other	0	0	0	0	0	0
Helicopter accidents	0	0	0	0	0	0
Other aircraft accidents (b)	0	0	0	0	0	0
Accident fatalities	0	0	2	0	0	2
Accident serious injuries	1	0	1	1	0	1
Number of incidents by type*	52	61	54	52	61	54
Risk of collision/Loss of separation	12	6	7	12	6	7
Declared emergency	23	23	22	23	23	22
Engine failure	0	10	7	0	10	7
Smoke/Fire	4	8	7	4	8	7
Collision	2	0	1	2	0	1
Other	11	14	11	11	14	11
Number of accidents involving ultralight aircraft	3	0	0	3	0	0
Fatal accidents	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0
Serious injuries	2	0	0	2	0	0

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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.

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 3

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

	January			Year to Date (January)		
	2017	2016	2012-2016 Average	2017	2016	2012-2016 Average
Number of accidents by operation type	6	11	11	6	11	11
Aeroplane accidents	4	10	9	4	10	9
Training	1	2	2	1	2	2
Pleasure/Travel	1	5	4	1	5	4
Business	1	1	1	1	1	1
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	0
Air transport	1	0	0	1	0	0
Air ambulance	0	1	0	0	1	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	0	2	1	0	2	1
Helicopter accidents	2	1	2	2	1	2
Training	1	0	0	1	0	0
Pleasure/Travel	0	0	0	0	0	0
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	0
Air transport	0	1	1	0	1	1
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	1	0	1	1	0	1
Number of fatal accidents by operation type	0	0	1	0	0	1
Training	0	0	0	0	0	0
Pleasure/Travel	0	0	0	0	0	0
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	0
Air transport	0	0	0	0	0	0
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	0	0	0	0	0	0
Fatalities	0	0	2	0	0	2
Serious injuries	1	0	1	1	0	1

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

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