

Table 1

Reportable aircraft occurrences

	April			Year to date (April)		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Number of reportable accidents	9	10	15	43	47	50
Accidents in Canada involving Canadian-registered aircraft	8	9	14	40	41	46
Accidents outside Canada involving Canadian-registered aircraft	1	1	1	3	4	3
Accidents in Canada involving foreign-registered aircraft	1	0	0	1	2	2
Number of accidents by operator type	9	10	15	43	47	50
Commercial	2	7	6	15	26	22
Airliner (705)	0	1	0	2	1	1
Commuter (704)	0	0	0	0	3	1
Air taxi (703)	1	1	2	3	6	7
Aerial work (702)	0	1	1	3	1	2
Foreign/Other (a)	1	4	3	7	15	10
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other (b)	7	3	9	28	21	28
Number of accidents by aircraft type	9	10	15	43	47	50
Aeroplane	9	8	11	36	34	38
Helicopter	0	2	2	5	5	7
Ultralight	0	0	2	1	7	4
Other (c)	0	0	0	1	1	1
Number of aircraft involved in accidents*	10	10	15	45	50	52
Aeroplanes	10	8	11	38	37	39
Helicopters	0	2	2	5	5	7
Ultralights	0	0	2	1	7	4
Others (c)	0	0	0	1	1	1
Number of fatal accidents by aircraft type	0	1	1	2	4	3
Aeroplane	0	1	1	1	4	3
Helicopter	0	0	0	1	0	0
Ultralight	0	0	0	0	0	0
Other (c)	0	0	0	0	0	0
Reportable accident fatalities	0	2	2	7	7	7
Reportable accident serious injuries	0	2	1	7	7	4
Accidents in Canada involving foreign-registered aircraft	1	0	0	1	2	2
Fatal accidents	0	0	0	0	0	0
Fatalities	0	0	0	0	0	1
Serious Injuries	0	0	0	0	0	0
Occurrences with a dangerous good release	1	1	0	2	1	1
Number of reportable incidents**	57	79	56	272	299	253
Incidents in Canada involving Canadian-registered aircraft	44	51	45	191	219	195
Incidents outside Canada involving Canadian-registered aircraft	10	16	5	54	51	27
Incidents in Canada involving foreign-registered aircraft	4	14	8	33	40	38
Number of reportable incidents by type	57	79	56	272	299	253
Risk of collision/Loss of separation	7	16	9	47	61	38
Declared emergency	26	30	23	121	111	105
Engine failure	7	6	7	24	29	29
Smoke/Fire	5	9	5	28	30	29
Collision	1	1	1	5	7	5
Other	11	17	12	47	61	47

Data extracted May 15, 2018

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

	April			Year to date (April)		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Number of accidents by aircraft and operator type	9	10	13	42	38	45
Aeroplane accidents	9	8	11	36	32	36
Commercial	2	5	4	12	20	15
Airliner (705)	0	1	0	2	1	1
Commuter (704)	0	0	0	0	3	1
Air taxi (703)	1	0	1	3	3	3
Aerial work (702)	0	1	0	0	1	1
Other	1	3	3	7	12	9
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other (a)	7	3	6	24	12	21
Helicopter accidents	0	2	2	5	5	7
Commercial	0	2	2	3	5	6
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other (a)	0	0	0	2	0	1
Other aircraft accidents (b)	0	0	0	1	1	1
Number of fatal accidents by aircraft and operator type	0	1	1	2	4	3
Aeroplane accidents	0	1	1	1	4	2
Commercial	0	1	0	0	3	1
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	1	0	0	1	0
Other	0	0	0	0	2	0
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other	0	0	0	1	1	1
Helicopter accidents	0	0	0	1	0	0
Other aircraft accidents (b)	0	0	0	0	0	0
Accident fatalities	0	2	2	7	7	5
Accident serious injuries	0	2	1	7	4	3
Number of incidents by type*	54	67	50	245	270	222
Risk of collision/Loss of separation	7	14	8	45	55	34
Declared emergency	25	24	20	105	100	90
Engine failure	6	6	6	21	25	26
Smoke/Fire	4	8	5	24	29	26
Collision	1	1	1	5	7	4
Other	11	14	11	45	54	42
Number of accidents involving ultralight aircraft	0	0	2	1	7	4
Fatal accidents	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0
Serious injuries	0	0	0	0	3	1

Data extracted May 15, 2018

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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

	April			Year to date (April)		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Number of accidents by operation type	9	10	13	41	37	44
Aeroplane accidents	9	8	11	36	32	36
Training	1	3	4	6	13	11
Pleasure/Travel	5	3	5	21	10	17
Business	0	0	0	1	1	1
Forest fire management	0	0	0	0	0	0
Test/Demonstration/Ferry	1	0	0	1	0	0
Aerial application	0	0	0	0	0	0
Inspection	0	0	0	0	0	0
Air transport	2	1	1	6	6	4
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	0	1	1	1	2	3
Helicopter accidents	0	2	2	5	5	7
Training	0	1	0	0	2	1
Pleasure/Travel	0	0	0	2	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	0
Air transport	0	0	1	0	0	2
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	0	1	1	3	3	2
Number of fatal accidents by operation type	0	1	1	2	4	3
Training	0	0	0	0	2	0
Pleasure/Travel	0	0	0	2	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	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	1	0	0	2	1
Fatalities	0	2	2	7	7	5
Serious injuries	0	2	1	7	4	3

Data extracted May 15, 2018

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

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