

Table 1

Reportable aircraft occurrences

	March			Year to date (March)		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Number of reportable accidents	11	15	14	34	37	35
Accidents in Canada involving Canadian-registered aircraft	11	14	13	32	32	32
Accidents outside Canada involving Canadian-registered aircraft	0	0	0	2	3	2
Accidents in Canada involving foreign-registered aircraft	0	1	1	0	2	2
Number of accidents by operator type	11	15	14	34	37	35
Commercial	2	9	5	13	19	16
Airliner (705)	1	0	0	2	0	1
Commuter (704)	0	2	1	0	3	1
Air taxi (703)	0	3	2	2	5	5
Aerial work (702)	0	0	0	3	0	1
Foreign/Other (a)	1	4	2	6	11	7
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other (b)	9	6	9	21	18	19
Number of accidents by aircraft type	11	15	14	34	37	35
Aeroplane	10	11	11	27	26	27
Helicopter	1	1	2	5	3	5
Ultralight	0	3	1	1	7	2
Other (c)	0	0	0	1	1	1
Number of aircraft involved in accidents*	11	17	14	35	40	37
Aeroplanes	10	13	11	28	29	28
Helicopters	1	1	2	5	3	5
Ultralights	0	3	1	1	7	2
Others (c)	0	0	0	1	1	1
Number of fatal accidents by aircraft type	0	1	1	2	3	2
Aeroplane	0	1	1	1	3	2
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	1	3	7	5	5
Reportable accident serious injuries	1	2	1	7	5	3
Accidents in Canada involving foreign-registered aircraft	0	1	1	0	2	2
Fatal accidents	0	0	0	0	0	0
Fatalities	0	0	1	0	0	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**	60	92	69	216	220	196
Incidents in Canada involving Canadian-registered aircraft	42	73	53	148	168	150
Incidents outside Canada involving Canadian-registered aircraft	11	14	8	44	35	22
Incidents in Canada involving foreign-registered aircraft	8	7	10	29	26	29
Number of reportable incidents by type	60	92	69	216	220	196
Risk of collision/Loss of separation	12	19	11	40	45	29
Declared emergency	23	33	29	96	81	82
Engine failure	6	11	9	17	23	23
Smoke/Fire	7	8	7	23	21	23
Collision	1	3	1	4	6	4
Other	11	18	11	36	44	35

Data extracted April 16, 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

	March			Year to date (March)		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Number of accidents by aircraft and operator type	11	11	12	33	28	31
Aeroplane accidents	10	10	10	27	24	26
Commercial	2	8	4	10	15	11
Airliner (705)	1	0	0	2	0	1
Commuter (704)	0	2	1	0	3	1
Air taxi (703)	0	2	1	2	3	2
Aerial work (702)	0	0	0	0	0	1
Other	1	4	2	6	9	6
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other (a)	8	2	6	17	9	14
Helicopter accidents	1	1	2	5	3	5
Commercial	0	1	1	3	3	4
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other (a)	1	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	3	2
Aeroplane accidents	0	1	1	1	3	2
Commercial	0	1	0	0	2	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	0	0	0	0	0
Other	0	1	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	1	1	7	5	4
Accident serious injuries	1	1	1	7	2	2
Number of incidents by type*	53	87	61	192	203	172
Risk of collision/Loss of separation	12	18	10	38	41	26
Declared emergency	18	31	24	81	76	70
Engine failure	5	11	8	15	19	20
Smoke/Fire	7	8	7	20	21	21
Collision	1	3	1	4	6	3
Other	10	16	10	34	40	31
Number of accidents involving ultralight aircraft	0	3	1	1	7	2
Fatal accidents	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0
Serious injuries	0	1	0	0	3	1

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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

	March			Year to date (March)		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Number of accidents by operation type	11	11	11	32	27	31
Aeroplane accidents	10	10	10	27	24	26
Training	1	5	2	5	10	7
Pleasure/Travel	6	2	5	16	7	12
Business	1	0	0	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	3	2	4	5	3
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	1	0	1	1	1	2
Helicopter accidents	1	1	2	5	3	5
Training	0	0	0	0	1	1
Pleasure/Travel	1	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	1
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	0	1	1	3	2	2
Number of fatal accidents by operation type	0	1	1	2	3	2
Training	0	1	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	0	0	0	1	1
Fatalities	0	1	1	7	5	4
Serious injuries	1	1	1	7	2	2

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

New TSB regulations came into effect on July 1, 2014, changing some reporting requirements.