

Table 1
Reportable aircraft occurrences

	November			Year to date (November)		
	2020	2019	2015-2019 average	2020	2019	2015-2019 average
Number of reportable accidents	7	3	8	162	219	221
Accidents in Canada involving Canadian-registered aircraft	7	2	8	157	204	204
Accidents outside Canada involving Canadian-registered aircraft	0	0	0	5	7	9
Accidents in Canada involving foreign-registered aircraft	0	1	1	0	9	9
Number of accidents by operator type¹	7	3	8	162	219	221
Commercial	4	1	3	49	82	72
Airliner (CAR 705)	1	0	0	4	7	6
Commuter (CAR 704)	0	0	0	3	3	3
Air taxi (CAR 703)	1	0	1	10	26	24
Aerial work (CAR 702)	0	0	1	13	21	17
Foreign air operator (CAR 701)	0	0	0	0	1	1
Flight training units (CAR 406)	2	1	1	19	25	21
Other commercial	0	0	0	0	0	1
Private	3	2	5	111	136	146
Private operators (CAR 604)	0	0	0	2	3	3
Recreational	3	2	5	105	128	137
Other private	0	0	0	4	5	7
State	0	0	0	0	1	1
Other/Unknown	0	0	0	2	0	2
Number of accidents by aircraft type¹	7	3	8	162	219	221
Aeroplane	7	2	6	126	169	168
Helicopter	0	1	2	15	27	27
Ultralight	0	0	0	17	18	20
Other ²	0	0	0	4	6	7
Number of aircraft involved in accidents^{1,3}	7	3	9	164	222	226
Aeroplanes	7	2	6	128	171	172
Helicopters	0	1	2	15	27	27
Ultralights	0	0	0	17	18	20
Other ²	0	0	0	4	6	7
Number of fatal accidents by aircraft type¹	0	1	1	11	31	25
Aeroplane	0	1	1	6	25	19
Helicopter	0	0	0	2	3	3
Ultralight	0	0	0	3	3	3
Other ²	0	0	0	0	1	1
Reportable accident fatalities	0	7	3	15	66	44
Reportable accident serious injuries	0	0	0	17	31	26
Accidents in Canada involving foreign-registered aircraft	0	1	1	0	9	9
Fatal accidents	0	1	0	0	4	2
Fatalities	0	7	1	0	11	4
Serious Injuries	0	0	0	0	1	1
Occurrences with a dangerous good release	0	1	1	1	8	6
Number of reportable incidents⁴	13	80	71	394	835	789
Incidents in Canada involving Canadian-registered aircraft	10	48	51	297	594	588
Incidents outside Canada involving Canadian-registered aircraft	3	18	13	64	167	125
Incidents in Canada involving foreign-registered aircraft	0	16	10	40	106	102
Number of reportable incidents by category⁴	13	80	71	394	835	789
Risk of collision / Loss of separation	2	15	11	46	128	130
Declared emergency	8	33	27	175	335	308
Engine failure	0	10	7	47	95	95
Smoke / Fire	0	5	7	24	81	83
Collision	0	1	1	8	29	19
Other	3	16	17	94	167	154

Data extracted 15 December 2020

¹ Breakdowns may not add up to totals. For example, when an occurrence involves an airplane and a helicopter, the occurrence is counted in each type, but only once in the total.

² Includes balloons, gyroplanes, gliders, airships, hang gliders, unmanned aerial vehicles (UAV) and similar aircraft types.

³ "Number of aircraft involved in accidents" are aircraft counts, all other data are accident counts.

⁴ New TSB regulations came into effect on 1 July 2014. Under new reporting requirements aviation incidents include: a) aircraft having a maximum certificated take-off weight greater than 2 250 kg (formerly 5 700 kg); b) aircraft being operated under an air operator certificate issued under CARs Part VII.

Table 2
Occurrences involving Canadian-registered aircraft

	November			Year to date (November)		
	2020	2019	2015-2019 average	2020	2019	2015-2019 average
Number of accidents by aircraft and operator type	7	2	7	145	193	193
Aeroplane accidents	7	1	6	126	162	161
Commercial	4	0	2	41	65	52
Airliner (CAR 705)	1	0	0	4	7	6
Commuter (CAR 704)	0	0	0	3	3	3
Air taxi (CAR 703)	1	0	1	7	21	16
Aerial work (CAR 702)	0	0	0	8	11	9
Flight training units (CAR 406)	2	0	1	19	23	18
Other commercial	0	0	0	0	0	0
Private	3	1	4	85	96	107
Private operators (CAR 604)	0	0	0	2	3	3
Recreational	3	1	4	80	90	101
Other private	0	0	0	3	3	4
State	0	0	0	0	1	1
Other/Unknown	0	0	0	0	0	1
Helicopter accidents	0	1	2	15	26	26
Commercial	0	1	1	8	16	18
Private	0	0	0	7	10	8
State	0	0	0	0	0	0
Other/Unknown	0	0	0	0	0	0
Other aircraft accidents ³	0	0	0	4	6	7
Number of fatal accidents by aircraft and operator type^{1,2}	0	0	1	8	24	21
Aeroplane accidents	0	0	1	6	21	18
Commercial	0	0	0	0	8	5
Airliner (CAR 705)	0	0	0	0	0	0
Commuter (CAR 704)	0	0	0	0	0	0
Air taxi (CAR 703)	0	0	0	0	6	2
Aerial work (CAR 702)	0	0	0	0	1	2
Flight training units (CAR 406)	0	0	0	0	1	1
Other commercial	0	0	0	0	0	0
Private	0	0	1	6	13	13
Private operators (CAR 604)	0	0	0	0	0	0
Recreational	0	0	1	6	13	12
Other private	0	0	0	0	0	0
State	0	0	0	0	0	0
Other/Unknown	0	0	0	0	0	0
Helicopter accidents	0	0	0	2	3	3
Commercial	0	0	0	1	1	2
Private	0	0	0	1	2	1
State	0	0	0	0	0	0
Other/Unknown	0	0	0	0	0	0
Other aircraft accidents ³	0	0	0	0	1	1
Accident fatalities²	0	0	2	12	50	36
Accident serious injuries²	0	0	0	13	26	22
Number of incidents by category^{2,4}	13	66	63	361	761	713
Risk of collision/Loss of separation	2	12	10	45	118	120
Declared emergency	8	23	23	156	289	270
Engine failure	0	9	6	42	88	86
Smoke/Fire	0	5	7	20	74	75
Collision	0	1	1	8	27	17
Other	3	16	17	90	165	145
Number of accidents involving ultralight aircraft	0	0	0	17	18	20
Fatal accidents	0	0	0	3	3	3
Fatalities	0	0	0	3	5	3
Serious injuries	0	0	0	4	4	3

Data extracted 15 December 2020

¹ Breakdowns may not add up to totals. For example, when an occurrence involves an airplane and a helicopter, the occurrence is counted in each type, but only once in the total.

² Excludes ultralight aircraft

³ Includes balloons, gyroplanes, gliders, airships, hang gliders, unmanned aerial vehicles (UAV) and similar aircraft types.

⁴ New TSB regulations came into effect on 1 July 2014. Under new reporting requirements aviation incidents include: a) aircraft having a maximum certificated take-off weight greater than 2 250 kg (formerly 5 700 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

	November			Year to date (November)		
	2020	2019	2015-2019 average	2020	2019	2015-2019 average
Number of accidents by operation type	7	2	7	141	188	187
Aeroplane accidents	7	1	6	126	162	161
Training	2	0	1	22	27	20
Pleasure/Travel	3	1	4	71	79	95
Business	0	0	0	4	4	3
Forest fire management	0	0	0	1	2	1
Test/Demonstration/Ferry	0	0	0	2	3	2
Aerial application	0	0	0	8	6	6
Inspection	0	0	0	0	0	0
Air transport	2	0	1	12	28	22
Air ambulance	0	0	0	1	1	1
Sightseeing	0	0	0	0	2	1
Other/Unknown	0	0	0	5	10	9
Helicopter accidents	0	1	2	15	26	26
Training	0	1	1	0	2	3
Pleasure/Travel	0	0	0	6	8	7
Business	0	0	0	0	1	1
Forest fire management	0	0	0	1	1	1
Test/Demonstration/Ferry	0	0	0	0	0	0
Aerial application	0	0	0	2	3	2
Inspection	0	0	0	0	0	0
Air transport	0	0	0	1	9	6
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	0	0	0	5	2	5
Number of fatal accidents by operation type	0	0	1	8	24	21
Training	0	0	0	1	1	1
Pleasure/Travel	0	0	1	6	12	12
Business	0	0	0	0	1	1
Forest fire management	0	0	0	0	0	0
Test/Demonstration/Ferry	0	0	0	0	1	1
Aerial application	0	0	0	0	0	1
Inspection	0	0	0	0	0	0
Air transport	0	0	0	0	7	3
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	0	0	0	1	2	2
Fatalities	0	0	2	12	50	36
Serious injuries	0	0	0	12	26	21

Data extracted 15 December 2020

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 operation type", when an occurrence involves an airplane and a helicopter, the occurrence is counted in each category, but only once in the total.

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.