

Table 1

Reportable aircraft occurrences

	June			Year to date (June)		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
<b>Number of reportable accidents</b>	<b>22</b>	<b>27</b>	<b>32</b>	<b>92</b>	<b>98</b>	<b>111</b>
Accidents in Canada involving Canadian-registered aircraft	20	26	30	84	90	102
Accidents outside Canada involving Canadian-registered aircraft	0	0	0	5	5	4
Accidents in Canada involving foreign-registered aircraft	2	1	2	4	3	5
<b>Number of accidents by operator type</b>	<b>22</b>	<b>27</b>	<b>32</b>	<b>92</b>	<b>98</b>	<b>111</b>
Commercial	7	7	8	29	46	39
Airliner (705)	1	0	0	3	2	2
Commuter (704)	0	0	0	0	3	2
Air taxi (703)	3	2	3	8	14	14
Aerial work (702)	0	3	3	6	7	7
Foreign/Other (a)	3	2	2	12	20	14
State	0	0	1	0	0	1
Corporate	0	0	0	0	0	1
Private/Other (b)	16	20	24	64	52	71
<b>Number of accidents by aircraft type</b>	<b>22</b>	<b>27</b>	<b>32</b>	<b>92</b>	<b>98</b>	<b>111</b>
Aeroplane	17	16	24	74	71	85
Helicopter	3	5	3	10	12	14
Ultralight	1	6	4	5	14	10
Other (c)	1	0	1	3	1	3
<b>Number of aircraft involved in accidents*</b>	<b>24</b>	<b>27</b>	<b>33</b>	<b>96</b>	<b>102</b>	<b>113</b>
Aeroplanes	19	16	25	78	75	87
Helicopters	3	5	3	10	12	14
Ultralights	1	6	4	5	14	10
Others (c)	1	0	1	3	1	3
<b>Number of fatal accidents by aircraft type</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>9</b>	<b>10</b>
Aeroplane	1	1	2	3	8	7
Helicopter	0	0	0	1	0	1
Ultralight	0	1	1	0	1	1
Other (c)	0	0	0	0	0	0
<b>Reportable accident fatalities</b>	<b>4</b>	<b>3</b>	<b>5</b>	<b>13</b>	<b>14</b>	<b>17</b>
<b>Reportable accident serious injuries</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>11</b>	<b>11</b>	<b>10</b>
<b>Accidents in Canada involving foreign-registered aircraft</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>3</b>	<b>5</b>
Fatal accidents	0	0	0	0	0	1
Fatalities	0	0	0	0	0	2
Serious Injuries	1	0	0	2	0	0
<b>Occurrences with a dangerous good release</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>2</b>
<b>Number of reportable incidents**</b>	<b>69</b>	<b>86</b>	<b>61</b>	<b>406</b>	<b>461</b>	<b>375</b>
Incidents in Canada involving Canadian-registered aircraft	48	67	49	288	341	291
Incidents outside Canada involving Canadian-registered aircraft	12	11	6	77	79	40
Incidents in Canada involving foreign-registered aircraft	14	12	8	52	57	55
<b>Number of reportable incidents by type</b>	<b>69</b>	<b>86</b>	<b>61</b>	<b>406</b>	<b>461</b>	<b>375</b>
Risk of collision/Loss of separation	13	18	11	66	89	59
Declared emergency	26	37	26	174	174	153
Engine failure	7	7	8	39	48	47
Smoke/Fire	7	11	5	41	49	41
Collision	0	1	1	8	11	6
Other	16	12	10	78	90	69

Data extracted July 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

	June			Year to date (June)		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
<b>Number of accidents by aircraft and operator type</b>	<b>19</b>	<b>20</b>	<b>27</b>	<b>84</b>	<b>81</b>	<b>97</b>
Aeroplane accidents	15	15	23	71	68	81
Commercial	5	3	5	23	35	27
Airliner (705)	1	0	0	3	2	2
Commuter (704)	0	0	0	0	3	2
Air taxi (703)	2	1	2	7	9	8
Aerial work (702)	0	1	1	2	5	4
Other	2	1	1	11	16	11
State	0	0	0	0	0	1
Corporate	0	0	0	0	0	0
Private/Other (a)	11	12	17	49	33	53
Helicopter accidents	3	5	3	10	12	14
Commercial	1	4	2	5	10	11
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other (a)	2	1	1	5	2	3
Other aircraft accidents (b)	1	0	1	3	1	3
<b>Number of fatal accidents by aircraft and operator type</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>8</b>	<b>8</b>
Aeroplane accidents	1	1	2	3	8	7
Commercial	0	0	0	0	4	2
Airliner (705)	0	0	0	0	0	0
Commuter (704)	0	0	0	0	0	0
Air taxi (703)	0	0	0	0	1	1
Aerial work (702)	0	0	0	0	1	1
Other	0	0	0	0	2	1
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other	1	1	2	3	4	5
Helicopter accidents	0	0	0	1	0	1
Other aircraft accidents (b)	0	0	0	0	0	0
<b>Accident fatalities</b>	<b>4</b>	<b>2</b>	<b>4</b>	<b>13</b>	<b>13</b>	<b>14</b>
<b>Accident serious injuries</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>8</b>	<b>6</b>	<b>7</b>
<b>Number of incidents by type*</b>	<b>59</b>	<b>78</b>	<b>55</b>	<b>364</b>	<b>420</b>	<b>330</b>
Risk of collision/Loss of separation	13	16	11	64	81	52
Declared emergency	21	35	22	151	160	132
Engine failure	5	7	7	33	43	42
Smoke/Fire	5	10	5	35	46	37
Collision	0	1	1	6	11	5
Other	15	9	9	75	79	62
<b>Number of accidents involving ultralight aircraft</b>	<b>1</b>	<b>6</b>	<b>3</b>	<b>5</b>	<b>14</b>	<b>9</b>
Fatal accidents	0	1	1	0	1	1
Fatalities	0	1	1	0	1	1
Serious injuries	1	1	1	1	5	3

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Table 3

## Accidents involving Canadian-registered fixed-wing and rotary-wing aircraft by type of operation

	June			Year to date (June)		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
<b>Number of accidents by operation type</b>	<b>18</b>	<b>20</b>	<b>26</b>	<b>81</b>	<b>80</b>	<b>94</b>
Aeroplane accidents	15	15	23	71	68	81
Training	3	1	2	11	17	14
Pleasure/Travel	9	11	15	41	30	47
Business	1	0	1	4	1	2
Forest fire management	0	0	0	0	0	1
Test/Demonstration/Ferry	0	0	0	1	0	1
Aerial application	0	0	0	1	1	1
Inspection	0	0	0	0	0	0
Air transport	3	1	3	11	13	10
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	1	1	0
Other/Unknown	0	2	2	2	5	6
Helicopter accidents	3	5	3	10	12	14
Training	0	1	0	0	3	2
Pleasure/Travel	0	1	1	2	2	2
Business	1	0	0	1	0	0
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	1
Air transport	1	0	0	1	0	4
Air ambulance	0	0	0	0	1	0
Sightseeing	0	1	0	0	1	0
Other/Unknown	0	2	1	5	5	4
<b>Number of fatal accidents by operation type</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>8</b>	<b>8</b>
Training	0	0	0	0	2	1
Pleasure/Travel	1	1	2	4	3	5
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	1	1
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	0	0	0	0	2	1
<b>Fatalities</b>	<b>4</b>	<b>2</b>	<b>4</b>	<b>13</b>	<b>13</b>	<b>14</b>
<b>Serious injuries</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>8</b>	<b>6</b>	<b>6</b>

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

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