

Table 1

## Reportable Aircraft Occurrences

	July			Year to Date (July)		
	2015	2014	2010-2014 Average	2015	2014	2010-2014 Average
<b>Number of reportable accidents</b>	<b>40</b>	<b>33</b>	<b>44</b>	<b>151</b>	<b>148</b>	<b>160</b>
Accidents in Canada involving Canadian-registered aircraft	37	32	42	140	141	150
Accidents outside Canada involving Canadian-registered aircraft	2	0	0	4	4	3
Accidents in Canada involving foreign-registered aircraft	1	1	2	7	3	7
<b>Number of accidents by operator type</b>	<b>40</b>	<b>33</b>	<b>44</b>	<b>151</b>	<b>148</b>	<b>160</b>
Commercial	11	8	11	46	35	42
Airliner (705)	1	0	0	5	3	3
Commuter (704)	0	0	0	2	0	2
Air taxi (703)	2	6	5	10	22	21
Aerial work (702)	6	2	5	14	10	14
Foreign/Other (a)	2	0	0	15	1	1
State	0	0	1	1	2	3
Corporate	0	1	0	0	3	3
Private/Other (b)	29	24	32	105	108	112
<b>Number of accidents by aircraft type</b>	<b>40</b>	<b>33</b>	<b>44</b>	<b>151</b>	<b>148</b>	<b>160</b>
Aeroplane	32	20	31	120	104	119
Helicopter	6	7	5	23	21	19
Ultralight	2	4	5	7	17	17
Other (c)	0	2	2	2	6	5
<b>Number of aircraft involved in accidents*</b>	<b>40</b>	<b>33</b>	<b>44</b>	<b>154</b>	<b>150</b>	<b>161</b>
Aeroplanes	32	20	32	122	106	120
Helicopters	6	7	5	23	21	19
Ultralights	2	4	5	7	17	17
Others (c)	0	2	2	2	6	5
<b>Number of fatal accidents by aircraft type</b>	<b>4</b>	<b>1</b>	<b>4</b>	<b>16</b>	<b>6</b>	<b>17</b>
Aeroplane	2	1	3	12	4	11
Helicopter	1	0	1	1	0	3
Ultralight	1	0	1	3	2	3
Other (c)	0	0	0	0	0	1
<b>Reportable accident fatalities</b>	<b>4</b>	<b>2</b>	<b>7</b>	<b>24</b>	<b>9</b>	<b>30</b>
<b>Reportable accident serious injuries</b>	<b>7</b>	<b>11</b>	<b>7</b>	<b>14</b>	<b>25</b>	<b>20</b>
<b>Accidents in Canada involving foreign-registered aircraft</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>7</b>	<b>3</b>	<b>7</b>
Fatal accidents	0	0	0	2	0	1
Fatalities	0	0	0	3	0	1
Serious Injuries	0	0	0	0	1	1
<b>Occurrences with a dangerous good release</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>1</b>
<b>Number of reportable incidents**</b>	<b>70</b>	<b>71</b>	<b>71</b>	<b>464</b>	<b>404</b>	<b>411</b>
Incidents in Canada involving Canadian-registered aircraft	63	62	54	395	316	314
Incidents outside Canada involving Canadian-registered aircraft	3	3	6	31	31	34
Incidents in Canada involving foreign-registered aircraft	7	7	13	52	64	76
<b>Number of reportable incidents by type</b>	<b>70</b>	<b>71</b>	<b>71</b>	<b>464</b>	<b>404</b>	<b>411</b>
Risk of collision/Loss of separation	8	6	11	63	49	75
Declared emergency	24	34	29	192	179	170
Engine failure	11	13	10	63	57	51
Smoke/Fire	8	5	7	49	44	45
Collision	0	3	1	6	6	5
Other	19	10	12	91	69	65

Data extracted August 18, 2015

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

	July			Year to Date (July)		
	2015	2014	2010-2014 Average	2015	2014	2010-2014 Average
<b>Number of accidents by aircraft and operator type</b>	<b>37</b>	<b>28</b>	<b>37</b>	<b>138</b>	<b>129</b>	<b>137</b>
Aeroplane accidents	32	19	30	115	102	113
Commercial	7	2	7	29	18	25
Airliner (705)	1	0	0	5	3	3
Commuter (704)	0	0	0	2	0	2
Air taxi (703)	0	1	3	3	10	13
Aerial work (702)	4	1	4	8	5	8
Other	2	0	0	11	0	0
State	0	0	1	1	2	2
Corporate	0	0	0	0	1	1
Private/Other (a)	25	17	23	86	81	85
Helicopter accidents	5	7	5	22	21	19
Commercial	4	6	4	17	16	15
State	0	0	0	0	0	1
Corporate	0	0	0	0	0	0
Private/Other (a)	1	1	1	5	5	3
Other aircraft accidents (b)	0	2	2	2	6	4
<b>Number of fatal accidents by aircraft and operator type</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>12</b>	<b>4</b>	<b>14</b>
Aeroplane accidents	2	1	3	11	4	11
Commercial	0	0	1	3	1	4
Airliner (705)	0	0	0	0	0	0
Commuter (704)	0	0	0	0	0	0
Air taxi (703)	0	0	1	1	0	3
Aerial work (702)	0	0	0	1	1	1
Other	0	0	0	1	0	0
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other	2	1	2	9	3	7
Helicopter accidents	1	0	1	1	0	3
Other aircraft accidents (b)	0	0	0	0	0	1
<b>Accident fatalities</b>	<b>3</b>	<b>2</b>	<b>6</b>	<b>19</b>	<b>7</b>	<b>27</b>
<b>Accident serious injuries</b>	<b>6</b>	<b>10</b>	<b>5</b>	<b>13</b>	<b>19</b>	<b>16</b>
<b>Number of incidents by type*</b>	<b>65</b>	<b>65</b>	<b>60</b>	<b>425</b>	<b>347</b>	<b>347</b>
Risk of collision/Loss of separation	8	5	10	58	43	67
Declared emergency	22	32	24	170	153	137
Engine failure	11	12	9	62	49	45
Smoke/Fire	7	4	5	45	36	37
Collision	0	3	1	5	5	4
Other	17	9	11	85	61	57
<b>Number of accidents involving ultralight aircraft</b>	<b>2</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>16</b>	<b>16</b>
Fatal accidents	1	0	1	2	2	3
Fatalities	1	0	1	2	2	3
Serious injuries	1	1	1	1	5	4

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Table 3

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

	July			Year to Date (July)		
	2015	2014	2010-2014 Average	2015	2014	2010-2014 Average
<b>Number of accidents by operation type</b>	<b>37</b>	<b>26</b>	<b>35</b>	<b>137</b>	<b>123</b>	<b>133</b>
Aeroplane accidents	32	19	30	115	102	113
Training	2	4	5	12	17	18
Pleasure/Travel	24	9	15	73	56	62
Business	0	1	1	0	7	4
Forest fire management	1	0	1	2	1	1
Test/Demonstration/Ferry	0	0	1	0	1	2
Aerial application	2	2	2	3	2	3
Inspection	0	0	0	1	0	0
Air transport	2	1	3	11	12	16
Air ambulance	0	0	0	0	1	1
Sightseeing	0	1	1	0	1	2
Other/Unknown	1	1	1	14	4	5
Helicopter accidents	5	7	5	22	21	19
Training	0	0	0	5	1	1
Pleasure/Travel	1	1	1	5	4	3
Business	0	0	0	0	0	0
Forest fire management	1	0	1	2	0	1
Test/Demonstration/Ferry	0	0	0	0	0	0
Aerial application	1	1	1	1	1	2
Inspection	0	0	0	0	1	1
Air transport	2	4	2	4	12	7
Air ambulance	0	0	0	0	0	0
Sightseeing	0	1	0	0	1	0
Other/Unknown	0	0	0	5	1	4
<b>Number of fatal accidents by operation type</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>12</b>	<b>4</b>	<b>14</b>
Training	0	0	0	1	0	0
Pleasure/Travel	2	1	1	8	3	6
Business	0	0	0	0	1	1
Forest fire management	0	0	0	1	0	1
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	1	2	0	3
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	0	0	0	1	0	1
<b>Fatalities</b>	<b>3</b>	<b>2</b>	<b>6</b>	<b>19</b>	<b>7</b>	<b>26</b>
<b>Serious injuries</b>	<b>6</b>	<b>10</b>	<b>5</b>	<b>13</b>	<b>18</b>	<b>15</b>

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

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