

Table 1  
Reportable Aircraft Occurrences

	July			January to July		
	2014	2013	2009-2013 Average	2014	2013	2009-2013 Average
<b>Number of reportable accidents</b>	<b>33</b>	<b>39</b>	<b>46</b>	<b>150</b>	<b>163</b>	<b>165</b>
Accidents in Canada involving Canadian-registered aircraft	32	39	44	143	153	153
Accidents outside Canada involving Canadian-registered aircraft	0	0	0	4	2	3
Accidents in Canada involving foreign-registered aircraft	1	0	2	3	8	9
<b>Number of accidents by operator type</b>	<b>33</b>	<b>39</b>	<b>46</b>	<b>150</b>	<b>163</b>	<b>165</b>
Commercial	8	8	12	37	41	44
Airliner (705)	0	0	0	5	3	3
Commuter (704)	0	0	0	0	2	3
Air taxi (703)	6	5	6	22	23	22
Aerial work (702)	2	3	6	10	11	15
Foreign/Other (a)	0	0	0	1	2	1
State	0	1	1	2	3	3
Corporate	1	1	0	3	4	3
Private/Other (b)	24	29	33	108	115	115
<b>Number of accidents by aircraft type</b>	<b>33</b>	<b>39</b>	<b>46</b>	<b>150</b>	<b>163</b>	<b>165</b>
Aeroplane	20	26	34	105	120	125
Helicopter	7	3	5	21	20	19
Ultralight	4	6	6	18	16	17
Other (c)	2	4	2	6	8	4
<b>Number of aircraft involved in accidents*</b>	<b>33</b>	<b>39</b>	<b>47</b>	<b>152</b>	<b>165</b>	<b>167</b>
Aeroplanes	20	26	35	107	121	127
Helicopters	7	3	5	21	20	19
Ultralights	4	6	6	18	16	17
Others (c)	2	4	2	6	8	4
<b>Number of fatal accidents by aircraft type</b>	<b>1</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>19</b>	<b>19</b>
Aeroplane	1	2	3	4	11	13
Helicopter	0	1	1	0	5	3
Ultralight	0	1	1	2	2	2
Other (c)	0	0	0	0	2	1
<b>Reportable accident fatalities</b>	<b>2</b>	<b>6</b>	<b>8</b>	<b>9</b>	<b>36</b>	<b>36</b>
<b>Reportable accident serious injuries</b>	<b>9</b>	<b>2</b>	<b>6</b>	<b>24</b>	<b>13</b>	<b>20</b>
<b>Accidents in Canada involving foreign-registered aircraft</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>8</b>	<b>9</b>
Fatal accidents	0	0	0	0	0	1
Fatalities	0	0	0	0	0	1
Serious Injuries	0	0	1	1	0	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>61</b>	<b>71</b>	<b>398</b>	<b>399</b>	<b>426</b>
Incidents in Canada involving Canadian-registered aircraft	62	49	54	311	319	321
Incidents outside Canada involving Canadian-registered aircraft	3	3	5	31	22	37
Incidents in Canada involving foreign-registered aircraft	5	10	15	62	67	82
<b>Number of reportable incidents by type</b>	<b>70</b>	<b>61</b>	<b>71</b>	<b>398</b>	<b>399</b>	<b>426</b>
Risk of collision/Loss of separation	5	7	12	47	68	82
Declared emergency	34	22	29	178	159	171
Engine failure	13	11	10	56	54	55
Smoke/Fire	5	4	8	44	41	48
Collision	3	2	1	5	9	5
Other	10	15	12	68	68	65

Data extracted August 25, 2014.

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			January to July		
	2014	2013	2009-2013 Average	2014	2013	2009-2013 Average
<b>Number of accidents by aircraft and operator type (a)</b>	<b>28</b>	<b>33</b>	<b>38</b>	<b>130</b>	<b>140</b>	<b>140</b>
Aeroplane accidents	19	26	32	103	113	118
Commercial	2	5	8	20	21	29
Airliner (705)	0	0	0	5	3	3
Commuter (704)	0	0	0	0	2	3
Air taxi (703)	1	3	4	10	11	15
Aerial work (702)	1	2	4	5	5	8
Other	0	0	0	0	0	0
State	0	1	1	2	1	2
Corporate	0	0	0	1	2	2
Private/Other (b)	17	20	23	80	89	86
Helicopter accidents	7	3	5	21	20	18
Commercial	6	3	4	16	17	14
State	0	0	0	0	1	1
Corporate	0	0	0	0	0	0
Private/Other (b)	1	0	1	5	2	3
Other aircraft accidents (c)	2	4	2	6	8	4
<b>Number of fatal accidents by aircraft and operator type (a)</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>4</b>	<b>17</b>	<b>16</b>
Aeroplane accidents	1	2	3	4	11	12
Commercial	0	0	1	1	2	4
Airliner (705)	0	0	0	0	0	0
Commuter (704)	0	0	0	0	0	0
Air taxi (703)	0	0	1	0	2	3
Aerial work (702)	0	0	0	1	0	1
Other	0	0	0	0	0	0
State	0	0	0	0	0	0
Corporate	0	0	0	0	1	0
Private/Other	1	2	2	3	8	8
Helicopter accidents	0	1	1	0	5	3
Other aircraft accidents (c)	0	0	0	0	2	1
<b>Accident fatalities (a)</b>	<b>2</b>	<b>5</b>	<b>7</b>	<b>7</b>	<b>34</b>	<b>32</b>
<b>Accident serious injuries (a)</b>	<b>8</b>	<b>2</b>	<b>4</b>	<b>18</b>	<b>10</b>	<b>16</b>
<b>Number of incidents by type (a)*</b>	<b>65</b>	<b>52</b>	<b>60</b>	<b>342</b>	<b>341</b>	<b>358</b>
Risk of collision/Loss of separation	5	7	10	42	63	73
Declared emergency	32	16	22	152	125	134
Engine failure	12	10	9	48	48	49
Smoke/Fire	4	3	7	36	35	41
Collision	3	2	1	4	8	4
Other	9	14	11	60	62	57
<b>Number of accidents involving ultralight aircraft</b>	<b>4</b>	<b>6</b>	<b>6</b>	<b>17</b>	<b>15</b>	<b>16</b>
Fatal accidents	0	1	1	2	2	2
Fatalities	0	1	1	2	2	2
Serious injuries	1	0	1	5	3	3

Data extracted August 25, 2014.

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a. Accidents involving Canadian-registered aircraft, except ultralights.

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 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 aircraft having a maximum certificated take-off weight greater than 2 250 kg (formerly 5700 kg), or of 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**

	July			January to July		
	2014	2013	2009-2013 Average	2014	2013	2009-2013 Average
<b>Number of accidents by operation type</b>	<b>26</b>	<b>29</b>	<b>37</b>	<b>124</b>	<b>133</b>	<b>136</b>
Aeroplane accidents	19	26	32	103	113	118
Training	4	4	6	17	18	21
Pleasure/Travel	9	15	16	55	71	62
Business	1	0	0	7	1	3
Forest fire management	0	1	1	1	2	2
Test/Demonstration/Ferry	0	0	1	1	1	2
Aerial application	2	1	2	2	1	3
Inspection	0	0	0	0	0	0
Air transport	1	2	4	14	13	18
Air ambulance	0	0	0	1	0	1
Sightseeing	1	1	1	1	1	2
Other/Unknown	1	2	2	4	6	5
Helicopter accidents	7	3	5	21	20	18
Training	0	0	0	1	1	1
Pleasure/Travel	1	0	1	4	0	2
Business	0	0	0	0	1	0
Forest fire management	0	1	1	0	1	1
Test/Demonstration/Ferry	0	0	0	0	1	0
Aerial application	1	0	1	1	0	1
Inspection	0	0	0	1	2	1
Air transport	4	1	1	12	7	6
Air ambulance	0	0	0	0	1	0
Sightseeing	1	0	0	1	0	0
Other/Unknown	0	1	0	1	6	4
<b>Number of fatal accidents by operation type</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>4</b>	<b>16</b>	<b>15</b>
Training	0	0	0	0	0	1
Pleasure/Travel	1	2	1	3	8	7
Business	0	0	0	1	1	1
Forest fire management	0	0	0	0	0	1
Test/Demonstration/Ferry	0	0	0	0	0	0
Aerial application	0	0	0	0	0	0
Inspection	0	0	0	0	1	0
Air transport	0	1	1	0	4	4
Air ambulance	0	0	0	0	1	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	0	0	0	0	1	1
<b>Fatalities</b>	<b>2</b>	<b>5</b>	<b>7</b>	<b>7</b>	<b>33</b>	<b>32</b>
<b>Serious injuries</b>	<b>8</b>	<b>2</b>	<b>4</b>	<b>17</b>	<b>10</b>	<b>15</b>

Data extracted August 25, 2014.

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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.