

Table 1  
Reportable Aircraft Occurrences

	October			January to October		
	2014	2013	2009-2013 Average	2014	2013	2009-2013 Average
<b>Number of reportable accidents</b>	<b>16</b>	<b>17</b>	<b>20</b>	<b>232</b>	<b>252</b>	<b>256</b>
Accidents in Canada involving Canadian-registered aircraft	16	16	19	221	238	238
Accidents outside Canada involving Canadian-registered aircraft	0	1	1	4	4	5
Accidents in Canada involving foreign-registered aircraft	0	0	0	7	10	13
<b>Number of accidents by operator type</b>	<b>16</b>	<b>17</b>	<b>20</b>	<b>232</b>	<b>252</b>	<b>256</b>
Commercial	1	4	5	53	61	67
Airliner (705)	0	2	1	6	7	5
Commuter (704)	0	0	1	1	2	5
Air taxi (703)	1	2	3	30	29	34
Aerial work (702)	0	0	1	16	21	23
Foreign/Other (a)	0	0	0	1	2	2
State	1	0	0	3	5	4
Corporate	0	0	1	5	5	5
Private/Other (b)	14	14	15	171	182	181
<b>Number of accidents by aircraft type</b>	<b>16</b>	<b>17</b>	<b>20</b>	<b>232</b>	<b>252</b>	<b>256</b>
Aeroplane	9	14	15	162	194	194
Helicopter	3	1	2	31	26	30
Ultralight	3	2	2	31	21	26
Other (c)	1	0	0	8	12	7
<b>Number of aircraft involved in accidents*</b>	<b>16</b>	<b>18</b>	<b>21</b>	<b>234</b>	<b>256</b>	<b>260</b>
Aeroplanes	9	15	16	164	197	197
Helicopters	3	1	2	31	26	30
Ultralights	3	2	2	31	21	26
Others (c)	1	0	0	8	12	7
<b>Number of fatal accidents by aircraft type</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>13</b>	<b>33</b>	<b>32</b>
Aeroplane	0	2	2	11	21	21
Helicopter	0	0	0	0	6	6
Ultralight	0	1	0	2	3	4
Other (c)	0	0	0	0	4	2
<b>Reportable accident fatalities</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>19</b>	<b>56</b>	<b>59</b>
<b>Reportable accident serious injuries</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>34</b>	<b>19</b>	<b>33</b>
<b>Accidents in Canada involving foreign-registered aircraft</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>10</b>	<b>13</b>
Fatal accidents	0	0	0	2	2	2
Fatalities	0	0	0	4	2	2
Serious Injuries	0	0	0	1	0	2
<b>Occurrences with a dangerous good release</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>2</b>
<b>Number of reportable incidents**</b>	<b>70</b>	<b>55</b>	<b>59</b>	<b>608</b>	<b>568</b>	<b>604</b>
Incidents in Canada involving Canadian-registered aircraft	62	38	43	484	450	456
Incidents outside Canada involving Canadian-registered aircraft	3	5	5	46	34	49
Incidents in Canada involving foreign-registered aircraft	8	13	13	91	101	122
<b>Number of reportable incidents by type</b>	<b>70</b>	<b>55</b>	<b>59</b>	<b>608</b>	<b>568</b>	<b>604</b>
Risk of collision/Loss of separation	12	7	11	84	94	121
Declared emergency	24	28	24	247	236	238
Engine failure	12	6	6	89	71	76
Smoke/Fire	10	7	9	71	56	68
Collision	0	2	1	11	12	7
Other	12	5	8	106	99	94

Data extracted November 17, 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

	October			January to October		
	2014	2013	2009-2013 Average	2014	2013	2009-2013 Average
<b>Number of accidents by aircraft and operator type (a)</b>	<b>13</b>	<b>15</b>	<b>18</b>	<b>195</b>	<b>222</b>	<b>218</b>
Aeroplane accidents	9	14	15	156	186	183
Commercial	1	4	4	30	37	44
Airliner (705)	0	2	1	6	7	5
Commuter (704)	0	0	1	1	2	4
Air taxi (703)	1	2	2	15	16	23
Aerial work (702)	0	0	0	8	12	13
Other	0	0	0	0	0	0
State	1	0	0	3	1	2
Corporate	0	0	0	2	3	3
Private/Other (b)	7	11	11	121	146	135
Helicopter accidents	3	1	2	31	26	29
Commercial	0	0	1	22	21	22
State	0	0	0	0	1	1
Corporate	0	0	0	0	0	0
Private/Other (b)	3	1	1	9	4	7
Other aircraft accidents (c)	1	0	0	8	11	6
<b>Number of fatal accidents by aircraft and operator type (a)</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>9</b>	<b>28</b>	<b>27</b>
Aeroplane accidents	0	2	2	9	20	20
Commercial	0	1	1	2	6	6
Airliner (705)	0	0	0	0	0	0
Commuter (704)	0	0	0	0	0	0
Air taxi (703)	0	1	0	1	5	4
Aerial work (702)	0	0	0	1	1	1
Other	0	0	0	0	0	0
State	0	0	0	0	0	0
Corporate	0	0	0	0	1	0
Private/Other	0	1	1	7	13	14
Helicopter accidents	0	0	0	0	6	5
Other aircraft accidents (c)	0	0	0	0	3	1
<b>Accident fatalities (a)</b>	<b>0</b>	<b>4</b>	<b>5</b>	<b>13</b>	<b>51</b>	<b>53</b>
<b>Accident serious injuries (a)</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>27</b>	<b>16</b>	<b>26</b>
<b>Number of incidents by type (a)*</b>	<b>65</b>	<b>43</b>	<b>48</b>	<b>530</b>	<b>484</b>	<b>505</b>
Risk of collision/Loss of separation	11	6	10	74	87	107
Declared emergency	23	22	19	216	189	185
Engine failure	11	3	4	79	61	66
Smoke/Fire	10	5	7	60	45	56
Collision	0	2	1	10	11	6
Other	10	5	7	91	91	84
<b>Number of accidents involving ultralight aircraft</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>30</b>	<b>20</b>	<b>26</b>
Fatal accidents	0	1	0	2	3	4
Fatalities	0	1	0	2	3	4
Serious injuries	0	0	1	6	3	5

Data extracted November 17, 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.

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

	October			January to October		
	2014	2013	2009-2013 Average	2014	2013	2009-2013 Average
<b>Number of accidents by operation type</b>	<b>12</b>	<b>15</b>	<b>17</b>	<b>187</b>	<b>212</b>	<b>212</b>
Aeroplane accidents	9	14	15	156	186	183
Training	0	1	2	22	23	27
Pleasure/Travel	8	8	7	89	118	102
Business	0	0	1	8	2	5
Forest fire management	0	0	0	2	3	2
Test/Demonstration/Ferry	1	1	1	4	3	3
Aerial application	0	0	0	5	7	6
Inspection	0	0	0	0	0	0
Air transport	0	4	4	20	22	28
Air ambulance	0	0	0	1	0	1
Sightseeing	0	0	0	1	1	2
Other/Unknown	0	1	1	4	9	8
Helicopter accidents	3	1	2	31	26	29
Training	1	0	0	2	1	1
Pleasure/Travel	2	1	1	7	2	5
Business	0	0	0	0	1	1
Forest fire management	0	0	0	0	3	2
Test/Demonstration/Ferry	0	0	0	0	1	1
Aerial application	0	0	0	1	0	2
Inspection	0	0	0	2	2	1
Air transport	0	0	0	16	8	10
Air ambulance	0	0	0	0	1	0
Sightseeing	0	0	0	1	0	0
Other/Unknown	0	0	0	2	7	5
<b>Number of fatal accidents by operation type</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>9</b>	<b>26</b>	<b>25</b>
Training	0	0	0	1	2	1
Pleasure/Travel	0	0	1	6	9	12
Business	0	0	0	1	1	1
Forest fire management	0	0	0	0	0	1
Test/Demonstration/Ferry	0	0	0	0	1	1
Aerial application	0	0	0	0	1	0
Inspection	0	0	0	0	1	0
Air transport	0	1	1	1	7	6
Air ambulance	0	0	0	0	1	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	0	1	0	0	3	2
<b>Fatalities</b>	<b>0</b>	<b>4</b>	<b>5</b>	<b>13</b>	<b>49</b>	<b>52</b>
<b>Serious injuries</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>26</b>	<b>16</b>	<b>25</b>

Data extracted November 17, 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 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.