

Transportation Safety Board of Canada

**Table 1**  
**Aviation Occurrence and Casualty Statistics - April 2009**

	April			Year To Date		
	2009	2008	2004-2008 Average	2009	2008	2004-2008 Average
<b>Canadian-Registered Aircraft Accidents<sup>1</sup></b>	<b>20</b>	<b>12</b>	<b>17</b>	<b>55</b>	<b>60</b>	<b>56</b>
Aeroplanes Involved <sup>2</sup>	18	11	16	48	45	48
Airliners	1	0	0	1	3	3
Commuters	0	0	0	4	0	0
Air Taxis	3	2	3	8	11	13
Aerial Work	1	1	1	1	2	2
State	1	0	0	1	1	1
Corporate	0	0	0	1	4	1
Private/Other <sup>3</sup>	12	8	11	32	24	28
Helicopters Involved	3	1	1	8	15	10
Other Aircraft Involved <sup>4</sup>	0	0	0	0	0	0
<b>Fatal Accidents</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>6</b>	<b>5</b>
Aeroplanes Involved	0	1	1	1	4	3
Airliners	0	0	0	0	0	0
Commuters	0	0	0	0	0	0
Air Taxis	0	0	0	0	0	2
Aerial Work	0	0	0	0	0	0
State	0	0	0	0	0	0
Corporate	0	0	0	0	2	0
Private/Other <sup>3</sup>	0	1	1	1	2	1
Helicopters Involved	0	0	0	1	2	1
Other Aircraft Involved	0	0	0	0	0	0
<b>Fatalities</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>19</b>	<b>12</b>	<b>9</b>
<b>Serious Injuries</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>8</b>	<b>14</b>	<b>8</b>
<b>Canadian-Registered Ultralight Aircraft Accidents</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>3</b>	<b>4</b>
Fatal Accidents	1	1	1	1	2	1
Fatalities	1	1	1	1	2	2
Serious Injuries	0	0	0	0	1	0
<b>Foreign-Registered Aircraft Accidents in Canada</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>
Fatal Accidents	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0
Serious Injuries	0	0	0	0	0	1
<b>All Aircraft: Reportable Incidents</b>	<b>63</b>	<b>56</b>	<b>63</b>	<b>267</b>	<b>307</b>	<b>295</b>
Risk of Collision/Loss of Separation	9	8	15	44	51	55
Declared Emergency	22	23	15	98	118	101
Engine Failure	8	11	12	34	34	42
Smoke/Fire	8	5	8	34	40	36
Collision	0	0	2	4	2	7
Other	16	9	11	53	62	54

<sup>1</sup> Ultralight aircraft excluded.

<sup>2</sup> As some accidents may involve multiple aircraft, the number of aircraft involved may differ from the total number of accidents.

<sup>3</sup> Other: contains, but is not limited to, organizations that rent aircraft (i.e. flying schools, flying clubs, etc.).

<sup>4</sup> Includes gliders, balloons and gyrocopters.

Figures are preliminary as of May 15, 2009.

All five-year averages have been rounded. Totals sometimes do not coincide to the sum of averages.

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**Table 2**  
**Canadian-Registered Fixed Wing and Rotary Wing Aircraft Involved in Accidents - April 2009**  
**By Type of Operation**

	April			Year To Date		
	2009	2008	2004-2008 Average	2009	2008	2004-2008 Average
<b>Canadian-Registered Aircraft Accidents<sup>1</sup></b>	<b>20</b>	<b>12</b>	<b>17</b>	<b>55</b>	<b>60</b>	<b>56</b>
<b>Aeroplanes Involved</b>	<b>18</b>	<b>11</b>	<b>16</b>	<b>48</b>	<b>45</b>	<b>48</b>
Training	7	3	2	18	10	9
Pleasure/Travel	6	4	8	14	17	20
Business	0	0	0	2	1	2
Forest Fire Management	1	0	0	1	0	0
Test/Demonstration/Ferry	0	0	0	0	0	1
Aerial Application	0	0	0	0	0	0
Inspection	0	0	0	0	0	0
Air Transport	3	3	3	9	14	13
Air Ambulance	0	0	0	2	2	1
Other/Unknown	1	1	2	2	1	2
<b>Helicopters Involved</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>8</b>	<b>15</b>	<b>10</b>
Training	1	0	0	3	4	2
Pleasure/Travel	1	0	0	1	3	1
Business	0	0	0	0	0	0
Forest Fire Management	0	0	0	0	0	0
Test/Demonstration/Ferry	0	0	0	0	0	1
Aerial Application	0	0	0	0	0	0
Inspection	0	0	0	0	0	0
Air Transport	1	1	1	2	5	3
Air Ambulance	0	0	0	0	1	0
Other/Unknown	0	0	0	2	2	2
<b>Fatal Accidents</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>6</b>	<b>5</b>
<b>Aeroplanes and Helicopters Involved</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>6</b>	<b>5</b>
Training	0	0	0	0	0	0
Pleasure/Travel	0	0	0	1	2	1
Business	0	0	0	0	1	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	1	1	2
Air Ambulance	0	0	0	0	0	0
Other/Unknown	0	1	0	0	2	1
<b>Fatalities</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>19</b>	<b>12</b>	<b>9</b>
<b>Serious Injuries</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>8</b>	<b>14</b>	<b>8</b>

<sup>1</sup> Ultralight aircraft excluded.

Figures are preliminary as of May 15, 2009.

All five-year averages have been rounded. Totals sometimes do not coincide to the sum of averages.

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**Table 3**  
**Canadian-Registered Aircraft Involved in Incidents - April 2009**  
**Selected Reportable Incident Types by First Event**

	April			Year To Date		
	2009	2008	2004-2008 Average	2009	2008	2004-2008 Average
<b>Risk of Collision/Loss of Separation</b>	<b>12</b>	<b>9</b>	<b>18</b>	<b>67</b>	<b>66</b>	<b>79</b>
Air Proximity	8	5	9	29	14	22
Air Traffic Services Event	4	3	8	23	42	48
Altitude Related	0	1	1	1	3	3
Runway Incursion	0	0	0	6	1	2
Other	0	0	1	8	6	4
<b>Declared Emergency</b>	<b>17</b>	<b>20</b>	<b>12</b>	<b>65</b>	<b>82</b>	<b>63</b>
Landing Gear Failure	4	4	2	17	19	13
Hydraulic Failure	2	1	2	7	2	7
Electrical Failure	2	0	0	4	2	2
Other Component Failure	7	10	4	30	43	26
Other	2	5	3	7	16	15
<b>Engine Failure</b>	<b>8</b>	<b>7</b>	<b>9</b>	<b>30</b>	<b>22</b>	<b>31</b>
Power Loss	3	2	4	15	11	16
Component Failure	3	4	5	13	9	14
Other	2	1	1	2	2	1
<b>Smoke/Fire</b>	<b>6</b>	<b>3</b>	<b>6</b>	<b>30</b>	<b>31</b>	<b>30</b>
Fire/Explosion	5	1	5	25	21	23
Component Failure	1	1	1	5	8	6
Other	0	1	0	0	2	1
<b>Difficulty in Controlling Aircraft</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>7</b>	<b>12</b>	<b>14</b>
Component Failure	1	0	1	3	8	6
Weather Related	0	0	0	0	0	4
Other	2	0	0	4	4	4

Figures are preliminary as of May 15, 2009.

All five-year averages have been rounded. Totals sometimes do not coincide to the sum of averages.