

Transportation Safety Board of Canada

Table 1
Aviation Occurrence and Casualty Statistics - May 2009

	May			Year To Date		
	2009	2008	2004-2008 Average	2009	2008	2004-2008 Average
Canadian-Registered Aircraft Accidents¹	16	22	23	71	82	79
Aeroplanes Involved ²	13	19	20	61	64	68
Airliners	0	0	1	1	3	3
Commuters	0	2	1	4	2	1
Air Taxis	3	4	3	11	15	16
Aerial Work	1	2	1	2	4	3
State	0	0	0	1	1	1
Corporate	0	0	1	1	4	3
Private/Other ³	9	11	13	41	35	41
Helicopters Involved	2	2	2	10	17	12
Other Aircraft Involved ⁴	2	1	1	2	1	1
Fatal Accidents	4	3	3	6	9	8
Aeroplanes Involved	3	1	2	4	5	6
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	1
Private/Other ³	3	1	1	4	3	3
Helicopters Involved	0	2	1	1	4	2
Other Aircraft Involved	1	0	0	1	0	0
Fatalities	6	7	5	25	19	15
Serious Injuries	0	2	3	8	16	11
Canadian-Registered Ultralight Aircraft Accidents	5	2	3	9	5	7
Fatal Accidents	0	1	1	1	3	2
Fatalities	0	1	1	1	3	3
Serious Injuries	2	0	0	2	1	0
Foreign-Registered Aircraft Accidents in Canada	1	3	2	3	5	4
Fatal Accidents	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0
Serious Injuries	2	0	0	2	0	1
All Aircraft: Reportable Incidents	54	80	70	323	387	365
Risk of Collision/Loss of Separation	12	20	15	57	71	71
Declared Emergency	12	27	21	111	145	121
Engine Failure	18	20	12	52	54	55
Smoke/Fire	6	6	10	40	46	46
Collision	1	0	1	5	2	8
Other	5	7	10	58	69	65

¹ Ultralight aircraft excluded.

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

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

⁴ Includes gliders, balloons and gyrocopters.

Figures are preliminary as of June 16, 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 - May 2009
By Type of Operation

	May			Year To Date		
	2009	2008	2004-2008 Average	2009	2008	2004-2008 Average
Canadian-Registered Aircraft Accidents¹	16	22	23	71	82	79
Aeroplanes Involved	13	19	20	61	64	68
Training	3	4	2	21	14	11
Pleasure/Travel	7	9	11	21	26	30
Business	0	1	1	2	2	3
Forest Fire Management	0	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	2	5	4	11	19	17
Air Ambulance	1	0	0	3	2	1
Other/Unknown	0	0	1	2	1	3
Helicopters Involved	2	2	2	10	17	12
Training	0	0	0	3	4	2
Pleasure/Travel	0	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	2	1	1	4	6	4
Air Ambulance	0	0	0	0	1	0
Other/Unknown	0	1	1	2	3	3
Fatal Accidents	4	3	3	6	9	8
Aeroplanes and Helicopters Involved	3	3	3	5	9	8
Training	1	0	0	1	0	1
Pleasure/Travel	2	1	1	3	3	2
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	1	0	1	2	2
Air Ambulance	0	0	0	0	0	0
Other/Unknown	0	1	1	0	3	1
Fatalities	6	7	5	25	19	15
Serious Injuries	0	2	3	8	16	11

¹ Ultralight aircraft excluded.

Figures are preliminary as of June 16, 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 - May 2009
Selected Reportable Incident Types by First Event

	May			Year To Date		
	2009	2008	2004-2008 Average	2009	2008	2004-2008 Average
Risk of Collision/Loss of Separation	17	31	21	85	97	100
Air Proximity	9	11	8	39	25	29
Air Traffic Services Event	6	18	11	29	60	58
Altitude Related	2	0	0	3	3	3
Runway Incursion	0	0	1	6	1	3
Other	0	2	2	8	8	7
Declared Emergency	10	21	17	75	103	80
Landing Gear Failure	2	4	4	19	23	17
Hydraulic Failure	0	3	2	7	5	9
Electrical Failure	1	1	1	5	3	3
Other Component Failure	6	9	6	36	52	32
Other	1	4	4	8	20	19
Engine Failure	17	15	11	47	37	42
Power Loss	9	4	4	24	15	19
Component Failure	7	11	7	20	20	21
Other	1	0	0	3	2	1
Smoke/Fire	5	6	9	35	37	39
Fire/Explosion	4	2	6	29	23	29
Component Failure	0	4	3	5	12	9
Other	1	0	0	1	2	1
Difficulty in Controlling Aircraft	0	1	3	7	13	17
Component Failure	0	1	2	3	9	8
Weather Related	0	0	1	0	0	5
Other	0	0	1	4	4	4

Figures are preliminary as of June 16, 2009.

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