

Transportation Safety Board of Canada

Table 1
Aviation Occurrence and Casualty Statistics - May 2006

	May			Year To Date		
	2006	2005	2001-2005 Average	2006	2005	2001-2005 Average
Canadian-Registered Aircraft Accidents¹	25	19	25	74	73	87
Aeroplanes Involved ²	20	18	20	66	66	72
Airliners	1	1	1	4	4	2
Commuters	0	1	0	0	2	2
Air Taxis	2	3	4	13	13	13
Aerial Work	3	0	1	4	2	2
State	1	0	0	2	0	1
Corporate	2	1	1	2	2	2
Private/Other ³	11	12	13	41	43	50
Helicopters Involved	4	1	4	9	10	15
Other Aircraft Involved ⁴	1	0	1	1	0	2
Fatal Accidents	5	1	2	9	6	8
Aeroplanes Involved	4	1	2	7	4	6
Airliners	0	0	0	0	0	0
Commuters	0	0	0	0	0	0
Air Taxis	0	0	0	2	2	1
Aerial Work	1	0	0	1	0	1
State	1	0	0	1	0	0
Corporate	0	0	0	0	0	0
Private/Other ³	2	1	1	3	2	4
Helicopters Involved	1	0	0	2	2	2
Other Aircraft Involved	0	0	0	0	0	1
Fatalities	6	1	4	13	8	13
Serious Injuries	4	1	2	14	3	7
Canadian-Registered Ultralight Aircraft Accidents	4	3	4	6	10	9
Fatal Accidents	0	0	1	0	3	2
Fatalities	0	0	1	0	4	3
Serious Injuries	1	0	1	1	0	1
Foreign-Registered Aircraft Accidents in Canada	0	0	2	2	4	5
Fatal Accidents	0	0	0	0	0	1
Fatalities	0	0	0	0	0	1
Serious Injuries	0	0	0	1	3	1
All Aircraft: Reportable Incidents	61	58	75	340	337	367
Risk of Collision/Loss of Separation	18	7	17	77	66	75
Declared Emergency	14	13	25	103	89	121
Engine Failure	13	10	12	48	61	63
Smoke/Fire	7	14	9	39	50	47
Collision	3	0	1	14	3	8
Other	6	14	12	59	68	53

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 13, 2006.

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 2006
By Type of Operation**

	May			Year To Date		
	2006	2005	2001-2005 Average	2006	2005	2001-2005 Average
Canadian-Registered Aircraft Accidents¹	25	19	25	74	73	87
Aeroplanes Involved	20	18	20	66	66	72
Training	1	1	2	9	9	10
Pleasure/Travel	9	12	11	32	31	36
Business	2	0	0	2	3	3
Forest Fire Management	0	0	0	1	0	0
Test/Demonstration/Ferry	0	0	0	0	1	2
Aerial Application	2	0	0	2	0	0
Inspection	0	0	0	0	1	1
Air Transport	3	5	5	16	15	15
Air Ambulance	0	0	0	1	0	1
Other/Unknown	3	0	1	3	6	3
Helicopters Involved	4	1	4	9	10	15
Training	1	0	1	1	1	3
Pleasure/Travel	0	0	0	0	1	0
Business	0	0	0	0	0	1
Forest Fire Management	0	0	1	0	0	1
Test/Demonstration/Ferry	2	0	0	2	0	1
Aerial Application	0	0	0	0	0	0
Inspection	0	0	0	0	0	0
Air Transport	1	0	1	2	3	5
Air Ambulance	0	0	0	0	0	0
Other/Unknown	0	1	1	4	5	4
Fatal Accidents	5	1	2	9	6	8
Aeroplanes and Helicopters Involved	5	1	2	9	6	8
Training	1	0	0	1	0	1
Pleasure/Travel	2	1	1	3	3	3
Business	0	0	0	0	0	0
Forest Fire Management	0	0	0	0	0	0
Test/Demonstration/Ferry	1	0	0	1	0	1
Aerial Application	0	0	0	0	0	0
Inspection	0	0	0	0	0	1
Air Transport	0	0	0	2	3	1
Air Ambulance	0	0	0	0	0	0
Other/Unknown	1	0	0	2	0	0
Fatalities	6	1	4	13	8	13
Serious Injuries	4	1	2	14	3	7

¹ Ultralight aircraft excluded.

Figures are preliminary as of June 13, 2006.

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 2006
Selected Reportable Incident Types by First Event

	May			Year To Date		
	2006	2005	2001-2005 Average	2006	2005	2001-2005 Average
Risk of Collision/Loss of Separation	22	7	22	111	92	102
Air Proximity	7	3	6	37	27	27
Air Traffic Services Event	13	4	11	62	53	57
Altitude Related	0	0	1	1	6	4
Runway Incursion	0	0	2	2	2	7
Other	2	0	3	9	4	7
Declared Emergency	12	12	20	73	58	93
Landing Gear Failure	4	3	3	21	13	15
Hydraulic Failure	1	0	3	7	11	12
Electrical Failure	1	0	1	2	2	4
Other Component Failure	5	7	7	33	23	31
Other	1	2	7	10	9	32
Engine Failure	11	9	11	38	50	53
Power Loss	6	3	4	22	20	21
Component Failure	5	6	7	16	28	28
Other	0	0	0	0	2	4
Smoke/Fire	5	12	8	28	43	40
Fire/Explosion	3	10	6	22	34	30
Component Failure	2	2	2	6	9	10
Other	0	0	0	0	0	1
Difficulty in Controlling Aircraft	0	5	4	12	17	15
Component Failure	0	4	2	3	11	8
Weather Related	0	1	1	5	4	3
Other	0	0	1	4	2	4

Figures are preliminary as of June 13, 2006.

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