

Transportation Safety Board of Canada

Table 1
Aviation Occurrence and Casualty Statistics - April 2005

	April			Year To Date		
	2005	2004	2000-2004 Average	2005	2004	2000-2004 Average
Canadian-Registered Aircraft Accidents¹	19	19	19	55	62	65
Aeroplanes Involved ²	18	18	15	49	52	54
Airliners	0	0	0	3	2	1
Commuters	0	0	1	1	0	2
Air Taxis	3	4	2	10	15	9
Aerial Work	2	0	1	2	0	1
State	0	0	0	0	1	1
Corporate	2	0	0	2	2	1
Private/Other ³	11	14	11	31	31	38
Helicopters Involved	1	1	4	9	12	11
Other Aircraft Involved ⁴	0	1	1	0	1	1
Fatal Accidents	1	2	2	4	7	6
Aeroplanes Involved	1	1	1	2	4	5
Airliners	0	0	0	0	0	0
Commuters	0	0	0	0	0	0
Air Taxis	1	0	0	1	1	1
Aerial Work	0	0	0	0	0	0
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other ³	0	1	1	1	3	3
Helicopters Involved	0	0	0	2	2	1
Other Aircraft Involved	0	1	0	0	1	1
Fatalities	2	2	2	6	16	11
Serious Injuries	0	2	3	2	2	7
Canadian-Registered Ultralight Aircraft Accidents	1	1	2	7	4	6
Fatal Accidents	1	1	0	3	1	1
Fatalities	1	1	1	4	1	1
Serious Injuries	0	0	0	0	0	1
Foreign-Registered Aircraft Accidents in Canada	2	1	0	4	2	3
Fatal Accidents	0	0	0	0	0	1
Fatalities	0	0	0	0	0	1
Serious Injuries	0	0	0	3	0	0
All Aircraft: Reportable Incidents	63	83	63	279	300	280
Risk of Collision/Loss of Separation	18	24	14	60	61	56
Declared Emergency	10	17	19	76	102	95
Engine Failure	10	17	11	51	43	50
Smoke/Fire	10	7	7	35	31	36
Collision	1	4	2	3	13	8
Other	14	14	10	54	50	35

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 May 10, 2005.

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 2005
By Type of Operation

	April			Year To Date		
	2005	2004	2000-2004 Average	2005	2004	2000-2004 Average
Canadian-Registered Aircraft Accidents¹	19	19	19	55	62	65
Aeroplanes Involved	18	18	15	49	52	54
Training	2	2	2	8	10	10
Pleasure/Travel	7	13	8	20	24	27
Business	1	0	0	3	2	2
Forest Fire Management	0	0	0	0	0	0
Test/Demonstration/Ferry	0	0	0	1	2	2
Aerial Application	0	0	0	0	0	0
Inspection	1	0	0	1	0	1
Air Transport	3	3	2	10	13	10
Air Ambulance	0	0	0	0	1	1
Other/Unknown	4	0	1	6	0	2
Helicopters Involved	1	1	4	9	12	11
Training	0	0	1	1	3	3
Pleasure/Travel	0	0	0	1	1	0
Business	0	0	0	0	0	0
Forest Fire Management	0	0	0	0	0	0
Test/Demonstration/Ferry	0	1	0	0	2	1
Aerial Application	0	0	0	0	0	0
Inspection	0	0	0	0	1	0
Air Transport	1	0	1	3	5	4
Air Ambulance	0	0	0	0	0	0
Other/Unknown	0	0	0	4	0	3
Fatal Accidents	1	2	2	4	7	6
Aeroplanes and Helicopters Involved	1	1	2	4	6	6
Training	0	1	0	0	1	1
Pleasure/Travel	0	0	1	2	2	3
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	1	0
Air Transport	1	0	0	2	2	1
Air Ambulance	0	0	0	0	0	0
Other/Unknown	0	0	0	0	0	0
Fatalities	2	2	2	6	16	11
Serious Injuries	0	2	3	2	2	7

¹ Ultralight aircraft excluded.

Figures are preliminary as of May 10, 2005.

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 2005
Selected Reportable Incident Types by First Event

	April			Year To Date		
	2005	2004	2000-2004 Average	2005	2004	2000-2004 Average
Risk of Collision/Loss of Separation	22	28	18	87	83	77
Air Proximity	13	11	4	26	19	18
Air Traffic Services Event	8	14	10	49	55	46
Altitude Related	1	1	1	6	2	2
Runway Incursion	0	0	1	2	4	6
Other	0	2	1	4	3	4
Declared Emergency	8	13	16	46	73	74
Landing Gear Failure	1	2	2	10	11	12
Hydraulic Failure	2	0	1	11	5	9
Electrical Failure	0	0	1	2	2	3
Other Component Failure	3	2	5	16	18	25
Other	2	9	7	7	37	25
Engine Failure	10	14	8	41	33	40
Power Loss	3	5	4	17	12	18
Component Failure	6	9	4	22	20	19
Other	1	0	1	2	1	3
Smoke/Fire	9	6	7	31	29	31
Fire/Explosion	9	6	5	24	21	22
Component Failure	0	0	2	7	8	8
Other	0	0	0	0	0	1
Difficulty in Controlling Aircraft	2	4	3	12	15	10
Component Failure	2	2	1	7	9	4
Weather Related	0	1	1	3	2	2
Other	0	1	1	2	4	4

Figures are preliminary as of May 10, 2005.

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