

Table S17: Canadian Privately-Registered Aircraft (CRA) Accident Rates for Aircraft Operating Under CARs, 2019 - 2024

	2019	2020	2021	2022 ^R	2023 ^R	2019 - 2023	2024 ^P
						Average	
CRA Accidents ¹	186	147	159	138	137	153.4	161
Private/Recreational Aviation ²	108	95	103	89	64	91.8	92
Airplanes	95	85	90	80	60	82.0	81
Balloons	0	0	2	1	0	0.6	2
Gliders	3	2	3	2	1	2.2	3
Gyroplanes	0	1	0	0	0	0.2	2
Helicopters	10	8	8	6	3	7.0	4
Basic and Advanced Ultralights	17	15	19	11	17	15.8	9
Hours Flown ^R (thousands)	4,844	3,098	3,422	N/A	N/A	N/A	N/A
Accident Rate (per 100,000 hours flown)	3.8	4.7	4.6	N/A	N/A	N/A	N/A
Canadian Civil Aircraft Registered ¹	29,169	29,088	29,115	29,234	29,332	29,187.6	29,396
Private/Recreational Aviation ²	21,785	21,773	21,714	21,654	21,602	21,705.6	21,499
Airplanes	19,331	19,271	19,208	19,120	19,059	19,197.8	18,953
Balloons	492	498	497	502	503	498.4	505
Gliders	714	714	712	704	701	709.0	706
Gyroplanes	230	229	230	228	231	229.6	230
Helicopters	1,018	1,061	1,067	1,100	1,108	1,070.8	1,105
Basic and Advanced Ultralights	7,682	7,785	7,903	7,995	8,072	7,887.4	8,143
Accident Rate (per 1,000 Canadian civil aircraft registered)	6.5	5.0	5.4	4.7	4.7	5.3	5.5
Private/Recreational Aviation	5.0	4.3	4.7	4.1	3.0	4.2	4.3
Airplanes	5.0	4.4	4.6	4.2	3.1	4.3	4.3
Balloons	0	0	4	2.0	0	1.2	4.0
Gliders	4.2	2.8	4.2	2.8	1.4	3.1	4.2
Gyroplanes	0	4.4	0	0	0	0.9	8.7
Helicopters	10.8	6.6	7.5	5.5	2.7	6.6	3.6
Basic and Advanced Ultralights	2.1	1.9	2.4	1.3	2.1	2.0	1.1

Notes and Sources

Notes: R= Revised data. P= Preliminary data. CARs= Canadian Aviation Regulations.

Canadian–registered aircraft, other than ultra–lights, operating in Canada and based on the Canadian Aviation Regulations (CARs). Aircraft accidents not operating in accordance with CARs (i.e. military and state aircraft not operating under CARs) are excluded.

1 Excludes aircraft accidents not operating in accordance with CARs. Ultralight aircraft are excluded.

2 Recreational aviation comprises all privately registered aircraft except those operated in accordance with CAR 604.

Data on hours flown for 2022, 2023 and 2024 is not available and accident rates for these years cannot be calculated at this time. No revision to hours flown for previous years.

Sources: Transport Canada, adapted from the Transportation Safety Board, preliminary data as of April 24, 2025.