



Aircraft movements statistics

Transport Canada

TP 1496

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For more information please call our national toll-free line 1 800 263-1136 or by e-mail: aviationstatistics@statcan.ca

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Aircraft Movement Statistics July 2002 (Preliminary)

Airports with NAV CANADA Air Traffic Control Towers

The data in this bulletin represent preliminary monthly statistics for airports with NAV CANADA air traffic control towers. Historical issues of this bulletin are available on-line at <http://www.tc.gc.ca/pol/en/Report/TP1496/tp1496.htm>

In July 2002, the 43 towered airports reported 467,574 total movements, a decrease of 7.9% compared to the data reported by the same airports a year earlier. Itinerant movements made up 67% of the total activity, while local traffic stood at 33%.

In July 2002, the top five reporting airports were: Toronto/LB Pearson Intl, Vancouver Intl, Calgary Intl, Montréal/St-Hubert and Boundary Bay.

More detailed statistics for airports with NAV CANADA air traffic control towers and flight service stations will be released in the Aircraft Movement Statistics monthly report (TP141 - Volume 1). Statistics for airports without air traffic control towers will appear in TP 141 – Volume 2. Upon release, the TP141 reports are available (free) on-line at <http://www.tc.gc.ca/pol/en/Report/tp141e/tp141.htm>

For further information concerning this bulletin, please contact Aviation Statistics Centre, Statistics Canada (1-866-500-8400). Internet: aviationstatistics@statcan.ca

September 2002

Note of Appreciation

Canada owes the success of its statistical system to a long-standing partnership between Statistics Canada, the citizens of Canada, its businesses and governments. Accurate and timely statistical information could not be produced without their continued cooperation and goodwill.

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Aircraft Movement by Class of Operation - July - Preliminary, Airports with NAV Canada Towers

Airports	2001 Total	2002 Total	% change 2002 / 2001	2002 Itinerant	2002 Local
Abbotsford	10,895	13,514	24.0	5,916	7,598
Boundary Bay	24,722	18,588	-24.8	7,224	11,364
Calgary International	22,568	20,215	-10.4	19,782	433
Calgary/Springbank	16,979	14,309	-15.7	6,858	7,451
Chicoutimi/St-Honoré	5,546	4,314	-22.2	1,867	2,447
Edmonton City Centre	7,616	8,125	6.7	7,113	1,012
Edmonton International	9,106	9,836	8.0	7,874	1,962
Edmonton/Villeneuve	6,858	5,500	-19.8	1,166	4,334
Gander International	5,347	5,774	8.0	3,492	2,282
Halifax International	8,620	8,762	1.6	7,768	994
Hamilton	12,161	10,837	-10.9	5,447	5,390
Kelowna	8,045	6,713	-16.6	4,133	2,580
Langley	7,900	8,635	9.3	2,873	5,762
London	15,980	13,005	-18.6	6,779	6,226
Moncton	6,888	6,170	-10.4	4,071	2,099
Montréal/Dorval International	17,708	17,451	-1.5	17,451	0
Montréal/Mirabel International	3,945	3,709	-6.0	3,026	683
Montréal/St-Hubert	17,419	18,599	6.8	8,308	10,291
Oshawa	8,792	7,545	-14.2	3,601	3,944
Ottawa/Macdonald-Cartier International	15,645	14,920	-4.6	11,408	3,512
Pitt Meadows	10,339	6,901	-33.3	3,148	3,753
Prince George	4,039	3,384	-16.2	2,796	588
Québec/Jean Lesage International	15,885	13,753	-13.4	9,645	4,108
Regina	5,299	6,025	13.7	3,713	2,312
Saskatoon/JG Diefenbaker	7,980	6,831	-14.4	4,935	1,896
Sault Ste. Marie	4,208	4,857	15.4	2,860	1,997
Sept-Îles	2,809	2,523	-10.2	2,289	234
St. John's	5,698	5,526	-3.0	4,098	1,428
St-Jean	8,471	8,042	-5.1	7,640	402
Sudbury	7,211	8,943	24.0	4,551	4,392
Thunder Bay	7,902	8,258	4.5	5,418	2,840
Toronto/Buttonville Municipal	21,116	17,539	-16.9	9,085	8,454
Toronto/City Centre	16,047	12,161	-24.2	5,919	6,242
Toronto/LB Pearson International	37,535	34,685	-7.6	34,685	0
Vancouver Harbour	7,274	8,972	23.3	6,264	2,708
Vancouver International	31,889	29,996	-5.9	29,996	0
Victoria International	19,159	16,477	-14.0	10,937	5,540
Waterloo Regional	20,407	18,408	-9.8	7,309	11,099
Whitehorse	4,649	3,199	-31.2	2,367	832
Windsor	4,289	3,931	-8.3	2,263	1,668
Winnipeg International	13,681	14,737	7.7	12,282	2,455
Winnipeg/St. Andrews	13,021	10,753	-17.4	2,867	7,886
Yellowknife	6,060	5,152	-15.0	4,196	956
Total (43)	507,708	467,574	-7.9	315,420	152,154

Data Source and Methodology

Aircraft Movement Statistics are accumulated from data originating with air traffic control tower units. Because staff in these units are highly trained in factual observation and actual reporting, the entries into the data base are of a very high quality. To maintain uniformity in the reporting of source data, the Aviation Statistics Centre (ASC) issues air traffic control units with an "Air Traffic Designators" handbook (TP-143) showing the official Transport Canada aircraft type designators and the designators of various domestic and international air carriers. Data errors caused during transcription and transmission on the Nav Canada Aircraft Movement Statistics (NCAMS) network are identified as part of the built-in editing procedures. Furthermore, extensive editing cycles are part of the computer processing programs. All identified errors are manually corrected by ASC editing staff.

Collection

The records are completed daily, based on a twenty-four hour clock running from zero hour to 23:59. The times recorded are Greenwich Mean Time (GMT); however, published statistics are shown in local times. The records are transmitted electronically to the Aviation Statistics Centre (ASC). The Aviation Statistics Centre maintains a data bank of current information on all registered aircraft. The storage of this information allows for a reduction in the reporting burden of the survey respondents and limits the element of human error associated with the preparation of source documents. The data in the bank include registered aircraft identifications and their corresponding aircraft types, gross take-off weights, types of power plant (piston, jet or turboprop); whether the aircraft are fixed wing, helicopters or gliders. The data also provide a basis for identifying type of flights (commercial, private and government) and the geographical area in which the flights take place. The data bank also includes an Airport Environmental file against which the airport category is checked; the reported runway is validated and the time difference between GMT and local is allocated.

Symbols

- . not available for any reference period
- .. not available for a specific reference period
- ... not applicable
- P preliminary
- r revised
- x suppressed to meet the confidentiality requirements of the *Statistics Act*
- E use with caution
- F too unreliable to be published

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