



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 October 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 October 2002, the 43 towered airports reported 412,483 total movements, a decrease of 2.6% compared to the data reported by the same airports a year earlier. Itinerant movements made up 64% of the total activity, while local traffic stood at 36%.

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

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

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Note of Appreciation

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

Airports	2001 Total	2002 Total	% change 2002 / 2001	2002 Itinerant	2002 Local
Abbotsford	11,948	12,590	5.4	4,587	8,003
Boundary Bay	14,995	15,199	1.4	5,327	9,872
Calgary International	19,331	18,625	-3.7	18,194	431
Calgary/Springbank	13,365	11,715	-12.3	5,321	6,394
Chicoutimi/St-Honoré	10,137	6,369	-37.2	1,632	4,737
Edmonton City Centre	8,661	8,117	-6.3	6,915	1,202
Edmonton International	9,036	9,080	0.5	8,006	1,074
Edmonton/Villeneuve	7,277	5,997	-17.6	1,095	4,902
Gander International	4,891	3,560	-27.2	2,198	1,362
Halifax International	8,371	7,167	-14.4	6,569	598
Hamilton	9,426	7,593	-19.4	4,629	2,964
Kelowna	8,912	9,057	1.6	4,502	4,555
Langley	6,249	6,635	6.2	2,325	4,310
London	11,496	13,506	17.5	5,774	7,732
Moncton	9,622	9,898	2.9	4,668	5,230
Montréal/Dorval International	16,757	16,787	0.2	16,787	0
Montréal/Mirabel International	3,750	3,323	-11.4	2,721	602
Montréal/St-Hubert	16,486	17,330	5.1	8,428	8,902
Oshawa	5,827	6,305	8.2	2,715	3,590
Ottawa/Macdonald-Cartier International	16,378	14,158	-13.6	10,584	3,574
Pitt Meadows	6,305	5,571	-11.6	2,101	3,470
Prince George	3,247	3,403	4.8	2,190	1,213
Québec/Jean Lesage International	14,383	11,427	-20.6	7,991	3,436
Regina	5,214	5,659	8.5	3,433	2,226
Saskatoon/JG Diefenbaker	8,591	7,592	-11.6	4,375	3,217
Sault Ste. Marie	4,758	6,044	27.0	2,358	3,686
Sept-Îles	2,633	2,275	-13.6	2,023	252
St. John's	5,714	5,634	-1.4	3,994	1,640
St-Jean	2,070	3,089	49.2	2,309	780
Sudbury	4,546	6,005	32.1	2,801	3,204
Thunder Bay	11,021	10,612	-3.7	4,456	6,156
Toronto/Buttonville Municipal	14,226	13,301	-6.5	6,715	6,586
Toronto/City Centre	10,438	9,473	-9.2	4,327	5,146
Toronto/LB Pearson International	32,585	33,535	2.9	33,535	0
Vancouver Harbour	5,407	5,813	7.5	4,389	1,424
Vancouver International	24,965	23,728	-5.0	23,728	0
Victoria International	14,613	12,629	-13.6	7,448	5,181
Waterloo Regional	9,503	11,097	16.8	4,616	6,481
Whitehorse	2,300	1,553	-32.5	1,083	470
Windsor	2,614	3,173	21.4	1,999	1,174
Winnipeg International	12,911	13,484	4.4	11,269	2,215
Winnipeg/St. Andrews	7,858	10,203	29.8	2,151	8,052
Yellowknife	4,492	4,172	-7.1	2,982	1,190
Total (43)	423,309	412,483	-2.6	265,250	147,233

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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