



# Aircraft movement statistics

Transport Canada

TP 1496

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## ASC-SB-318

### Aircraft Movement Statistics August 2005 (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.

The 42 Canadian airports with NAV CANADA air traffic control towers reported 406,643 aircraft take-offs and landings in August, up 0.7% compared with August 2004 (403,773 movements). Year-over-year increases in aircraft movements were reported by 23 of the airports in August 2005. The variations ranged from 28.6% at Chicoutimi/St-Honoré to -37.6% at St-Jean, Québec.

Itinerant movements (flights from one airport to another) increased by 0.4% (+1,186 movements) in August compared with the same month a year earlier. Local movements (flights that remain in the vicinity of the airport) increased by 1.6% (+1,684 movements) in August compared with August 2004.

The top 10 airports in terms of volumes of itinerant movements in August showed year-over-year variations ranging from a 16.7% increase (+1,184 movements) at Boundary Bay to a decline of 12.4% (-1,111 movements) at Toronto/Buttonville Municipal. Of the top 10 airports, 8 recorded increases in itinerant movements compared with 7 airports in July 2005.

The top 10 airports in terms of local movements showed year-over-year variations ranging from a 35.7% increase (+1,308 movements) at Chicoutimi/St-Honoré to a decline of 26.8% (-2,324 movements) at Montréal/St-Hubert. Of the top 10 airports, 6 recorded increases in local movements compared with 7 airports in July 2005.

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](mailto:aviationstatistics@statcan.ca)

September 2005

#### Note of appreciation

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**Aircraft Movements by Class of Operation - August - Preliminary, Airports with NAV CANADA Towers**

Airports	2004 Total	2005 Total	% change 2005 / 2004	2005 Itinerant	2005 Local
Abbotsford	10,467	11,491	9.8	5,007	6,484
Boundary Bay	18,102	21,157	16.9	8,266	12,891
Calgary International	18,227	20,258	11.1	19,969	289
Calgary/Springbank	10,028	10,488	4.6	4,796	5,692
Chicoutimi/St-Honoré	6,419	8,258	28.6	3,287	4,971
Edmonton City Centre	5,692	6,543	15.0	5,849	694
Edmonton International	8,867	9,939	12.1	8,879	1,060
Edmonton/Villeneuve	4,125	4,341	5.2	1,184	3,157
Gander International	3,697	3,098	-16.2	2,532	566
Halifax International	8,545	8,453	-1.1	7,479	974
Hamilton	7,869	6,737	-14.4	4,031	2,706
Kelowna	5,575	6,784	21.7	5,207	1,577
Kitchener/Waterloo	10,885	11,547	6.1	6,091	5,456
Langley	7,050	7,656	8.6	3,326	4,330
London	8,009	8,155	1.8	5,179	2,976
Moncton/Greater Moncton International	6,290	5,822	-7.4	3,954	1,868
Montréal/Mirabel International	2,963	2,595	-12.4	1,925	670
Montréal/Pierre Elliott Trudeau International	18,364	18,696	1.8	18,696	0
Montréal/St-Hubert	17,265	12,338	-28.5	5,988	6,350
Oshawa	6,016	5,656	-6.0	2,868	2,788
Ottawa/Macdonald-Cartier International	13,837	13,305	-3.8	10,363	2,942
Pitt Meadows	8,384	10,079	20.2	4,453	5,626
Prince George	3,585	3,411	-4.9	2,815	596
Québec/Jean Lesage International	10,138	9,166	-9.6	7,308	1,858
Regina International	3,727	4,696	26.0	3,670	1,026
Saskatoon/John G Diefenbaker International	6,592	7,449	13.0	4,934	2,515
Sault Ste. Marie	3,934	4,179	6.2	2,465	1,714
St. John's International	4,529	4,139	-8.6	3,745	394
St-Jean	9,376	5,850	-37.6	5,148	702
Sudbury	4,097	4,445	8.5	3,505	940
Thunder Bay	7,028	6,836	-2.7	5,476	1,360
Toronto/Buttonville Municipal	17,904	16,145	-9.8	7,847	8,298
Toronto/City Centre	8,855	8,174	-7.7	4,046	4,128
Toronto/Lester B Pearson International	36,923	33,660	-8.8	33,660	0
Vancouver Harbour	6,290	7,096	12.8	7,082	14
Vancouver International	32,106	33,207	3.4	33,207	0
Victoria International	12,748	14,456	13.4	10,459	3,997
Whitehorse International	2,688	2,555	-4.9	1,985	570
Windsor	3,239	3,237	-0.1	1,993	1,244
Winnipeg International	11,820	12,014	1.6	11,497	517
Winnipeg/St. Andrews	6,452	7,768	20.4	3,222	4,546
Yellowknife	5,066	4,764	-6.0	4,274	490
<b>Total (42)</b>	<b>403,773</b>	<b>406,643</b>	<b>0.7</b>	<b>297,667</b>	<b>108,976</b>

## 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
- 0 true zero or a value rounded to zero
- 0<sup>s</sup> value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
- 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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