



# Aircraft movement statistics

Transport Canada

TP 1496

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## ASC-SB-317

### Aircraft Movement Statistics July 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 425,998 aircraft take-offs and landings in July, up 1.8% compared with July 2004 (418,497 movements). Year-over-year increases in aircraft movements were reported by half of the airports in July 2005. The increases ranged from 0.5% at Winnipeg International to 51.8% at Chicoutimi/St-Honoré. Year-over-year decreases ranged from -0.2% at Boundary Bay to -18.2% at Sault Ste Marie.

Itinerant movements (flights from one airport to another) increased by 2.7% (8,042 movements) in July compared with the same month a year earlier. Local movements (flights that remain in the vicinity of the airport) decreased by 0.5% (-541 movements) in July compared with July 2004.

The top 10 airports in terms of volumes of itinerant movements in July showed year-over-year variations ranging from a 49.1% increase (+3,137 movements) at St-Jean, Québec to a decline of 1.1% (-113 movements) at Victoria International. Of the top 10 airports, 7 recorded increases in itinerant movements compared with 4 airports in June 2005.

The top 10 airports in terms of local movements showed year-over-year variations ranging from a 52.5% increase (+1,438 movements) at Chicoutimi/St-Honoré to a decline of 16.1% (-1,472 movements) at Kitchener/Waterloo. Of the top 10 airports, 7 recorded increases in local movements compared with 5 airports in June 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)

August 2005

#### Note of appreciation

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

Airports	2004 Total	2005 Total	% change 2005 / 2004	2005 Itinerant	2005 Local
Abbotsford	10,009	11,331	13.2	5,486	5,845
Boundary Bay	20,474	20,442	-0.2	7,903	12,539
Calgary International	19,218	20,614	7.3	20,387	227
Calgary/Springbank	10,604	14,153	33.5	6,071	8,082
Chicoutimi/St-Honoré	4,768	7,237	51.8	3,058	4,179
Edmonton City Centre	6,043	6,582	8.9	5,805	777
Edmonton International	8,784	9,284	5.7	8,331	953
Edmonton/Villeneuve	4,312	4,300	-0.3	1,288	3,012
Gander International	3,892	4,496	15.5	3,063	1,433
Halifax International	8,459	7,911	-6.5	7,180	731
Hamilton	8,190	6,848	-16.4	3,918	2,930
Kelowna	6,841	7,226	5.6	4,945	2,281
Kitchener/Waterloo	15,968	13,632	-14.6	5,949	7,683
Langley	7,664	7,553	-1.4	3,526	4,027
London	10,430	9,408	-9.8	5,358	4,050
Moncton/Greater Moncton International	6,324	6,245	-1.2	4,207	2,038
Montréal/Mirabel International	3,260	2,726	-16.4	2,031	695
Montréal/Pierre Elliott Trudeau International	17,904	18,383	2.7	18,383	0
Montréal/St-Hubert	16,877	15,547	-7.9	7,489	8,058
Oshawa	5,300	7,454	40.6	3,492	3,962
Ottawa/Macdonald-Cartier International	13,587	12,808	-5.7	10,317	2,491
Pitt Meadows	8,741	9,479	8.4	4,225	5,254
Prince George	4,141	3,497	-15.6	2,789	708
Québec/Jean Lesage International	11,512	10,397	-9.7	8,011	2,386
Regina International	4,509	4,609	2.2	3,567	1,042
Saskatoon/John G Diefenbaker	6,580	7,405	12.5	4,830	2,575
Sault Ste. Marie	4,835	3,955	-18.2	2,557	1,398
St. John's	4,343	3,941	-9.3	3,533	408
St-Jean	7,059	10,303	46.0	9,520	783
Sudbury	4,076	4,208	3.2	3,446	762
Thunder Bay	9,586	8,300	-13.4	5,666	2,634
Toronto/Buttonville Municipal	15,745	15,879	0.9	8,061	7,818
Toronto/City Centre	6,874	7,724	12.4	4,118	3,606
Toronto/Lester B Pearson International	35,962	35,763	-0.6	35,763	0
Vancouver Harbour	6,659	6,510	-2.2	6,472	38
Vancouver International	31,929	32,174	0.8	32,174	0
Victoria International	14,093	14,272	1.3	9,989	4,283
Whitehorse International	3,034	2,844	-6.3	2,208	636
Windsor	2,988	3,290	10.1	2,004	1,286
Winnipeg International	12,655	12,714	0.5	11,947	767
Winnipeg/St. Andrews	8,614	9,143	6.1	3,465	5,678
Yellowknife	5,654	5,411	-4.3	4,549	862
<b>Total (42)</b>	<b>418,497</b>	<b>425,998</b>	<b>1.8</b>	<b>307,081</b>	<b>118,917</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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