



# Aircraft movement statistics

Transport Canada

TP 1496

Catalogue no. 51F0001PIE, is available on Internet for free  
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## ASC-SB-307

### Aircraft Movement Statistics October 2004 (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.

In October, the 42 Canadian airports with NAV CANADA air traffic control towers reported 364,493 take-offs and landings, a decrease of 5.3% compared to October 2003 (384,931). This decline represents the eighth consecutive decrease in year-over-year comparisons of monthly movements. Twenty-nine airports showed year-over-year decreases in aircraft movements for October 2004 compared to October 2003. Eleven airports showed decreases greater than 20% this month compared to five airports in September.

Itinerant movements (flights from one airport to another) decreased by 2.3% (down -6,097 movements) in October 2004 compared to October 2003, the second consecutive month of decline. Local movements (flights that remain in the vicinity of the airport) declined by 11.6% (down -14,341 movements) in October 2004, the eighth consecutive month of decline.

The top ten airports in terms of volumes of itinerant movements in October showed year-over-year variations ranging from 18.9% (1,427 movements) at Montréal/St Hubert to -11.6% (-1,309 movements) at Winnipeg Intl. Five of the top ten airports recorded increases in itinerant movements compared to six airports in September 2004.

The top ten airports in terms of local movements showed year-over-year variations ranging from 50.3 % (3,331 movements) at Boundary Bay to -31.1% (-1,831 movements) at Waterloo Regional. Four of the top ten airports recorded decreases in local movements compared to five airports in September 2004.

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)

#### November 2004

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#### Note of Appreciation

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

Airports	2003 Total	2004 Total	% change 2004 / 2003	2004 Itinerant	2004 Local
Abbotsford	14,514	14,308	-1.4	5,252	9,056
Boundary Bay	11,450	15,982	39.6	6,029	9,953
Calgary International	18,233	17,652	-3.2	17,490	162
Calgary/Springbank	10,529	9,310	-11.6	4,061	5,249
Chicoutimi/St-Honoré	7,447	8,169	9.7	2,242	5,927
Edmonton City Centre	7,471	6,054	-19.0	5,360	694
Edmonton International	10,150	8,637	-14.9	7,822	815
Edmonton/Villeneuve	6,572	4,926	-25.0	1,888	3,038
Gander International	3,597	3,387	-5.8	2,181	1,206
Halifax International	7,519	7,243	-3.7	6,727	516
Hamilton	8,298	6,213	-25.1	3,717	2,496
Kelowna	6,210	6,251	0.7	3,990	2,261
Langley	5,401	6,279	16.3	2,705	3,574
London	11,112	8,198	-26.2	4,306	3,892
Moncton/Greater Moncton International	6,721	6,897	2.6	3,649	3,248
Montréal/Mirabel International	3,152	3,469	10.1	2,603	866
Montréal/Pierre Elliott Trudeau International	17,658	17,226	-2.4	17,226	0
Montréal/St-Hubert	15,855	18,001	13.5	8,966	9,035
Oshawa	5,374	4,671	-13.1	2,140	2,531
Ottawa/Macdonald-Cartier International	13,817	13,727	-0.7	10,446	3,281
Pitt Meadows	5,084	7,830	54.0	3,778	4,052
Prince George	2,891	3,458	19.6	2,308	1,150
Québec/Jean Lesage International	10,534	10,045	-4.6	7,800	2,245
Regina International	5,032	3,552	-29.4	2,778	774
Saskatoon/JG Diefenbaker	6,624	6,054	-8.6	3,823	2,231
Sault Ste. Marie	5,723	3,675	-35.8	1,749	1,926
St. John's	4,965	4,253	-14.3	3,533	720
St-Jean	3,395	2,961	-12.8	2,465	496
Sudbury	5,552	2,943	-47.0	2,353	590
Thunder Bay	10,311	10,655	3.3	5,045	5,610
Toronto/Buttonville Municipal	13,442	10,166	-24.4	5,594	4,572
Toronto/City Centre	8,128	4,875	-40.0	2,415	2,460
Toronto/LB Pearson International	32,616	34,161	4.7	34,161	0
Vancouver Harbour	5,147	4,457	-13.4	4,427	30
Vancouver International	23,398	25,240	7.9	25,240	0
Victoria International	11,280	12,634	12.0	7,514	5,120
Waterloo Regional	10,288	8,286	-19.5	4,222	4,064
Whitehorse	1,795	1,233	-31.3	851	382
Windsor	3,251	2,413	-25.8	1,585	828
Winnipeg International	12,947	10,618	-18.0	9,976	642
Winnipeg/St. Andrews	6,929	4,015	-42.1	1,807	2,208
Yellowknife	4,519	4,369	-3.3	3,394	975
<b>Total (42)</b>	<b>384,931</b>	<b>364,493</b>	<b>-5.3</b>	<b>255,618</b>	<b>108,875</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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