



# Aircraft movements statistics

Transport Canada

TP 1496

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## Aircraft Movement Statistics October 2003 (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 for months prior to 2002 are available on-line at <http://www.tc.gc.ca/pol/en/Report/TP1496/tp1496.htm>

In October, the 42 Canadian airports with NAV CANADA air traffic control towers reported 382,677 movements, a decrease of 7.3% compared to October 2002 (412,831). This marks the seventh consecutive decline in year-over-year comparisons of monthly movements. Thirty airports showed year-over-year decreases in aircraft movements for October compared to 31 airports in September 2003. Five airports showed decreases greater than 20% this month, the same as in September.

Both, itinerant movements (flights from one airport to another) and local movements (flights that remain in the vicinity of the airport) showed decreases in October compared to a year earlier. Itinerant movements dropped by 2.0% (down 5,211 movements) while local movements dropped by 16.9% (down 24,943 movements).

The top ten airports in terms of volumes of itinerant movements in October showed year-over-year variations ranging from 3.8% (643 movements) at Montréal/Dorval Intl to -10.9% (-921 movements) at Montréal/St-Hubert. Eight of the top ten airports recorded decreases in itinerant movements compared to October 2002, compared to five airports in September 2003.

The top ten airports in terms of local movements showed year-over-year variations ranging from 14.4% (1,161 movements) at Abbotsford to -35.2% (-3,538 movements) at Boundary Bay. Eight of the top ten airports recorded decreases in local movements compared to October 2002.

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)

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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	2002	2003	% change	2003	2003
	Total	Total	2003 / 2002	Itinerant	Local
Abbotsford	12,713	14,378	13.1	5,152	9,226
Boundary Bay	15,441	11,276	-27.0	4,776	6,500
Calgary International	18,830	18,060	-4.1	17,642	418
Calgary/Springbank	11,750	10,508	-10.6	4,723	5,785
Chicoutimi/St-Honoré	6,372	7,447	16.9	2,160	5,287
Edmonton City Centre	8,233	7,408	-10.0	6,813	595
Edmonton International	9,169	10,038	9.5	7,795	2,243
Edmonton/Villeneuve	6,029	6,569	9.0	2,651	3,918
Gander International	3,563	3,594	0.9	2,394	1,200
Halifax International	7,192	7,490	4.1	6,884	606
Hamilton	7,622	8,268	8.5	5,039	3,229
Kelowna	9,092	6,162	-32.2	3,906	2,256
Langley	6,702	5,353	-20.1	2,169	3,184
London	13,524	11,096	-18.0	5,233	5,863
Moncton/Greater Moncton Intl	9,911	6,710	-32.3	3,804	2,906
Montréal/Dorval International	16,903	17,546	3.8	17,546	0
Montréal/Mirabel International	3,341	3,136	-6.1	2,465	671
Montréal/St-Hubert	17,340	15,803	-8.9	7,517	8,286
Oshawa	6,331	5,360	-15.3	2,598	2,762
Ottawa/Macdonald-Cartier International	14,212	13,763	-3.2	10,957	2,806
Pitt Meadows	5,594	5,030	-10.1	2,048	2,982
Prince George	3,425	2,863	-16.4	2,109	754
Québec/Jean Lesage International	11,493	10,494	-8.7	7,586	2,908
Regina Intl	5,681	5,007	-11.9	3,299	1,708
Saskatoon/JG Diefenbaker	7,624	6,593	-13.5	4,299	2,294
Sault Ste. Marie	6,046	5,719	-5.4	2,389	3,330
St. John's	5,643	4,957	-12.2	3,715	1,242
St-Jean	3,092	3,390	9.6	2,198	1,192
Sudbury	6,047	5,541	-8.4	2,633	2,908
Thunder Bay	10,634	10,287	-3.3	5,056	5,231
Toronto/Buttonville Municipal	13,459	13,407	-0.4	6,913	6,494
Toronto/City Centre	9,483	8,099	-14.6	3,391	4,708
Toronto/LB Pearson International	33,771	32,363	-4.2	32,363	0
Vancouver Harbour	5,865	5,118	-12.7	4,463	655
Vancouver International	24,002	23,117	-3.7	23,117	0
Victoria International	12,758	11,125	-12.8	7,336	3,789
Waterloo Regional	11,098	10,281	-7.4	4,386	5,895
Whitehorse	1,558	1,787	14.7	1,087	700
Windsor	3,178	3,246	2.1	1,904	1,342
Winnipeg International	13,609	12,872	-5.4	11,210	1,662
Winnipeg/St. Andrews	10,301	6,929	-32.7	2,624	4,305
Yellowknife	4,200	4,487	6.8	3,555	932
<b>Total (42)</b>	<b>412,831</b>	<b>382,677</b>	<b>-7.3</b>	<b>259,905</b>	<b>122,772</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
- 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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