



# Aircraft movements statistics

Transport Canada

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ASCSB295

## Aircraft Movement Statistics November 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.

In November, the 42 Canadian airports with NAV CANADA air traffic control towers reported 348,036 movements, a decrease of 4.2% compared to November 2002 (363,115). This marks the eighth consecutive decline in year-over-year comparisons of monthly movements. Twenty-six airports showed year-over-year decreases in aircraft movements for November compared to 30 airports in October 2003. Six airports showed decreases greater than 20% this month, compared to five airports in October.

Both, itinerant movements (flights from one airport to another) and local movements (flights that remain in the vicinity of the airport) showed decreases in November compared to a year earlier. Itinerant movements dropped by 1.1% (down 2,509 movements) while local movements dropped by 9.9% (down 12,570 movements).

The top ten airports in terms of volumes of itinerant movements in November showed year-over-year variations ranging from 11.4% (697 movements) at Montréal/St-Hubert to -5.7% (-974 movements) at Calgary Intl. Six of the top ten airports recorded decreases in itinerant movements compared to November 2002, compared to eight airports in October 2003.

The top ten airports in terms of local movements showed year-over-year variations ranging from 32.8% (1,036 movements) at Pitt Meadows to -20.4% (-1,445 movements) at Calgary/Springbank. Four of the top ten airports recorded decreases in local movements compared to November 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).  
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### Note of Appreciation

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**Aircraft Movement by Class of Operation - November - Preliminary, Airports with NAV CANADA Towers**

Airports	2002	2003	% change	2003	2003
	Total	Total	2003 / 2002	Itinerant	Local
Abbotsford	15,650	14,341	-8.4	5,617	8,724
Boundary Bay	13,120	14,512	10.6	5,973	8,539
Calgary International	17,565	16,415	-6.5	16,161	254
Calgary/Springbank	13,415	10,011	-25.4	4,368	5,643
Chicoutimi/St-Honoré	5,138	5,836	13.6	1,955	3,881
Edmonton City Centre	7,889	6,735	-14.6	6,135	600
Edmonton International	8,974	9,024	0.6	7,414	1,610
Edmonton/Villeneuve	6,822	7,768	13.9	1,570	6,198
Gander International	2,702	2,721	0.7	1,861	860
Halifax International	6,058	6,599	8.9	5,996	603
Hamilton	6,689	6,911	3.3	4,241	2,670
Kelowna	6,843	6,012	-12.1	3,501	2,511
Langley	6,365	5,447	-14.4	2,207	3,240
London	9,267	9,074	-2.1	4,258	4,816
Moncton/Greater Moncton Intl	5,538	4,553	-17.8	3,348	1,205
Montréal/Dorval International	15,826	16,437	3.9	16,437	0
Montréal/Mirabel International	3,216	3,266	1.6	2,412	854
Montréal/St-Hubert	12,867	14,240	10.7	6,816	7,424
Oshawa	4,819	4,464	-7.4	1,962	2,502
Ottawa/Macdonald-Cartier International	12,675	12,424	-2.0	9,474	2,950
Pitt Meadows	5,167	6,878	33.1	2,680	4,198
Prince George	3,113	3,781	21.5	2,023	1,758
Québec/Jean Lesage International	9,185	8,691	-5.4	6,280	2,411
Regina Intl	4,638	4,033	-13.0	2,915	1,118
Saskatoon/JG Diefenbaker	8,473	6,226	-26.5	3,902	2,324
Sault Ste. Marie	4,647	3,354	-27.8	1,706	1,648
St. John's	4,827	4,774	-1.1	3,330	1,444
St-Jean	1,484	1,981	33.5	1,281	700
Sudbury	5,064	3,687	-27.2	2,055	1,632
Thunder Bay	11,926	12,027	0.8	4,791	7,236
Toronto/Buttonville Municipal	11,021	10,879	-1.3	5,573	5,306
Toronto/City Centre	8,560	5,809	-32.1	2,511	3,298
Toronto/LB Pearson International	31,096	29,595	-4.8	29,595	0
Vancouver Harbour	5,030	4,493	-10.7	3,775	718
Vancouver International	21,415	20,924	-2.3	20,924	0
Victoria International	11,046	11,750	6.4	7,243	4,507
Waterloo Regional	7,989	7,164	-10.3	3,354	3,810
Whitehorse	1,088	840	-22.8	586	254
Windsor	3,051	2,766	-9.3	1,598	1,168
Winnipeg International	12,613	12,015	-4.7	10,144	1,871
Winnipeg/St. Andrews	7,183	6,168	-14.1	2,152	4,016
Yellowknife	3,061	3,411	11.4	2,915	496
<b>Total (42)</b>	<b>363,115</b>	<b>348,036</b>	<b>-4.2</b>	<b>233,039</b>	<b>114,997</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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