



# Aircraft movement statistics

Transport Canada

TP 1496

Catalogue no. 51F0001PIE, is available on Internet for free  
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## ASC-SB-309

### Aircraft Movement Statistics December 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.

The 42 Canadian airports with NAV CANADA air traffic control towers reported 265,740 take-offs and landings in December, down 10.9% compared with December 2003 (298,217) and the tenth consecutive decrease in year-over-year comparisons of monthly movements. Year-over-year decreases in aircraft movements were reported by 30 airports in December 2004 compared with December 2003. Declines of greater than 20% were reported by 14 airports this month compared with 6 airports in November.

Itinerant movements (flights from one airport to another) decreased by 5.2% (-11,345 movements) in December 2004 compared with December 2003. Local movements (flights that remain in the vicinity of the airport) declined by 26.3% (-21,132 movements) in December 2004, the tenth consecutive month of decline.

The top 10 airports in terms of volumes of itinerant movements in December showed year-over-year variations ranging from an 8.4% increase (+2,583 movements) at Toronto/LB Pearson Intl to a decline of 4.6% (-225 movements) at Québec/Jean Lesage Intl. Of the top 10 airports, 4 recorded increases in itinerant movements compared with 8 airports in November 2004.

The top 10 airports in terms of local movements showed year-over-year variations ranging from a 39.9% increase (+1,294 movements) at Victoria Intl to a decline of 45.0% (-2,781 movements) at Calgary/Springbank. Of the top 10 airports, 5 recorded decreases in local movements compared with 6 airports in November 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)

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#### Note of Appreciation

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

Airports	2003 Total	2004 Total	% change 2004 / 2003	2004 Itinerant	2004 Local
Abbotsford	9,387	10,282	9.5	4,074	6,208
Boundary Bay	10,029	9,182	-8.4	3,680	5,502
Calgary International	17,324	17,655	1.9	17,491	164
Calgary/Springbank	10,656	6,164	-42.2	2,765	3,399
Chicoutimi/St-Honoré	2,888	1,273	-55.9	513	760
Edmonton City Centre	5,882	5,132	-12.8	4,702	430
Edmonton International	10,088	9,430	-6.5	8,891	539
Edmonton/Villeneuve	4,775	4,915	2.9	993	3,922
Gander International	2,036	2,228	9.4	1,546	682
Halifax International	6,642	6,310	-5.0	5,908	402
Hamilton	6,877	5,327	-22.5	3,227	2,100
Kelowna	4,544	4,104	-9.7	3,247	857
Langley	5,017	5,233	4.3	1,707	3,526
London	7,690	4,219	-45.1	2,641	1,578
Moncton/Greater Moncton International	3,236	3,688	14.0	2,907	781
Montréal/Mirabel International	2,766	1,992	-28.0	1,617	375
Montréal/Pierre Elliott Trudeau International	16,041	15,499	-3.4	15,499	0
Montréal/St-Hubert	8,464	5,065	-40.2	3,109	1,956
Oshawa	4,285	2,225	-48.1	1,061	1,164
Ottawa/Macdonald-Cartier International	10,823	9,741	-10.0	8,382	1,359
Pitt Meadows	3,990	4,128	3.5	1,806	2,322
Prince George	2,315	2,167	-6.4	1,839	328
Québec/Jean Lesage International	5,803	5,352	-7.8	4,706	646
Regina International	3,674	3,331	-9.3	2,625	706
Saskatoon/JG Diefenbaker	5,992	4,915	-18.0	3,396	1,519
Sault Ste. Marie	2,663	2,018	-24.2	1,208	810
St. John's	4,018	3,451	-14.1	3,205	246
St-Jean	775	751	-3.1	448	303
Sudbury	2,203	2,135	-3.1	1,731	404
Thunder Bay	5,983	4,540	-24.1	3,338	1,202
Toronto/Buttonville Municipal	9,713	5,530	-43.1	2,680	2,850
Toronto/City Centre	6,204	2,640	-57.4	1,416	1,224
Toronto/LB Pearson International	30,695	33,278	8.4	33,278	0
Vancouver Harbour	4,269	1,786	-58.2	1,784	2
Vancouver International	22,721	24,598	8.3	24,594	4
Victoria International	9,715	10,851	11.7	6,315	4,536
Waterloo Regional	6,232	4,151	-33.4	1,977	2,174
Whitehorse	778	744	-4.4	596	148
Windsor	2,164	2,391	10.5	1,427	964
Winnipeg International	11,296	10,317	-8.7	9,900	417
Winnipeg/St. Andrews	4,135	2,494	-39.7	1,168	1,326
Yellowknife	3,429	4,508	31.5	3,114	1,394
<b>Total (42)</b>	<b>298,217</b>	<b>265,740</b>	<b>-10.9</b>	<b>206,511</b>	<b>59,229</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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