



# Aircraft movement statistics

Transport Canada

TP 1496

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## ASC-SB-322

### Aircraft Movement Statistics December 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 281,382 aircraft take-offs and landings in December, up 5.4% compared with December 2004 (266,931 movements). Year-over-year increases in aircraft movements were reported by 27 of the airports in December 2005. The variations ranged from 66.6% at Chicoutimi/St-Honoré to -27.1% at Windsor.

Itinerant movements (flights from one airport to another) increased by 2.7% (5,546 movements) in December compared with the same month a year earlier. Local movements (flights that remain in the vicinity of the airport) increased by 15.0% (8,905 movements) in December compared with December 2004.

The top 10 airports in terms of volumes of itinerant movements in December showed year-over-year variations ranging from a 9.8% increase (+461 movements) at Edmonton City Centre to a decline of 5.5% (-1,373 movements) at Vancouver International. Of the top 10 airports, 5 recorded increases in itinerant movements compared with 3 airports in November 2005.

The top 10 airports in terms of local movements showed year-over-year variations ranging from a 79.2% increase (+2,692 movements) at Calgary/Springbank to a decline of -35.0% (-1,590 movements) at Victoria International. Of the top 10 airports, 6 recorded increases in local movements compared with 5 airports in November 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)

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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	2004 Total	2005 Total	% change 2005 / 2004	2005 Itinerant	2005 Local
Abbotsford	10,286	9,994	-2.8	4,020	5,974
Boundary Bay	9,202	10,977	19.3	4,429	6,548
Calgary International	17,799	18,496	3.9	18,378	118
Calgary/Springbank	6,164	10,047	63.0	3,956	6,091
Chicoutimi/St-Honoré	1,273	2,121	66.6	717	1,404
Edmonton City Centre	5,144	5,859	13.9	5,171	688
Edmonton International	9,511	9,925	4.4	9,134	791
Edmonton/Villeneuve	4,915	4,841	-1.5	1,097	3,744
Gander International	2,232	1,738	-22.1	1,480	258
Halifax International	6,333	6,089	-3.9	5,747	342
Hamilton	5,335	4,935	-7.5	3,269	1,666
Kelowna	4,129	4,803	16.3	3,447	1,356
Kitchener/Waterloo	4,152	4,427	6.6	1,999	2,428
Langley	5,245	4,419	-15.7	1,539	2,880
London	4,226	5,008	18.5	2,928	2,080
Moncton/Greater Moncton International	3,692	4,330	17.3	3,052	1,278
Montréal/Mirabel International	1,998	2,263	13.3	1,811	452
Montréal/Pierre Elliott Trudeau International	15,576	15,868	1.9	15,868	0
Montréal/St-Hubert	5,067	6,015	18.7	2,985	3,030
Oshawa	2,242	2,721	21.4	1,219	1,502
Ottawa/Macdonald-Cartier International	9,778	10,588	8.3	8,538	2,050
Pitt Meadows	4,146	5,309	28.1	1,915	3,394
Prince George	2,184	2,961	35.6	1,999	962
Québec/Jean Lesage International	5,371	6,242	16.2	4,899	1,343
Regina International	3,341	3,750	12.2	3,006	744
Saskatoon/John G Diefenbaker International	4,931	6,235	26.4	4,203	2,032
Sault Ste. Marie	2,023	2,421	19.7	1,465	956
St. John's International	3,457	3,015	-12.8	2,857	158
St-Jean	751	1,034	37.7	630	404
Sudbury	2,139	2,061	-3.6	1,853	208
Thunder Bay	4,553	4,468	-1.9	3,548	920
Toronto/Buttonville Municipal	5,535	6,695	21.0	3,287	3,408
Toronto/City Centre	2,640	3,965	50.2	1,759	2,206
Toronto/Lester B Pearson International	33,466	31,993	-4.4	31,993	0
Vancouver Harbour	1,791	2,774	54.9	2,760	14
Vancouver International	24,841	23,464	-5.5	23,464	0
Victoria International	10,913	9,145	-16.2	6,187	2,958
Whitehorse International	748	1,207	61.4	683	524
Windsor	2,395	1,747	-27.1	1,227	520
Winnipeg International	10,379	10,136	-2.3	9,886	250
Winnipeg/St. Andrews	2,498	3,485	39.5	1,607	1,878
Yellowknife	4,530	3,811	-15.9	3,167	644
<b>Total (42)</b>	<b>266,931</b>	<b>281,382</b>	<b>5.4</b>	<b>213,179</b>	<b>68,203</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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