



Aircraft movement statistics

Transport Canada

TP 1496

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ASC-SB-335

Aircraft Movement Statistics December 2006 (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 312,789 aircraft take-offs and landings in December, up 10.8% compared with December 2005 (282,289 movements). Year-over-year increases in aircraft movements were reported by 33 of these airports in December 2006. The variations ranged from 101.4% for Winnipeg/St. Andrews to -29.5% for Sault Ste Marie.

Itinerant movements (flights from one airport to another) increased by 6.4% (+13,649 movements) in December 2006 compared with the same month a year earlier. Local movements (flights that remain in the vicinity of the airport) increased by 24.7% (+16,862 movements) in December 2006 compared with December 2005.

In terms of itinerant movements, the year-over-year variations for December ranged from a 61.5% increase (+751 movements) for Oshawa to a decline of 17.0% (-753 movements) for Boundary Bay, B.C. Thirty four airports recorded increases in itinerant movements compared to 30 airports in November 2006.

In terms of local movements, the year-over-year variations for December ranged from a 276.0% increase (+690 movements) for Winnipeg International to a 100% decrease (-14 movements) for Vancouver Harbour. Twenty-seven airports recorded increases in local movements, with seven airports recording increases of over 100% in local movements.

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

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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	2005	2006	% change	2006	2006
	Total	Total	2006 / 2005	Itinerant	Local
Abbotsford	10,010	10,791	7.8	4,115	6,676
Boundary Bay	11,004	9,255	-15.9	3,677	5,578
Calgary International	18,592	19,627	5.6	19,439	188
Calgary/Springbank	10,060	15,022	49.3	5,184	9,838
Chicoutimi/St-Honoré	2,121	2,112	-0.4	820	1,292
Edmonton City Centre	5,862	6,290	7.3	5,104	1,186
Edmonton International	9,972	10,626	6.6	10,058	568
Edmonton/Villeneuve	4,841	4,552	-6.0	1,106	3,446
Gander International	1,741	1,743	0.1	1,449	294
Halifax International	6,105	6,584	7.8	5,872	712
Hamilton	4,935	5,155	4.5	3,363	1,792
Kelowna	4,823	4,612	-4.4	3,497	1,115
Kitchener/Waterloo	4,428	5,301	19.7	2,363	2,938
Langley	4,421	3,900	-11.8	1,596	2,304
London	5,013	5,479	9.3	3,470	2,009
Moncton/Greater Moncton International	4,333	8,009	84.8	4,095	3,914
Montréal/Mirabel International	2,263	2,187	-3.4	1,623	564
Montréal/Pierre Elliott Trudeau International	15,933	16,825	5.6	16,825	0
Montréal/St-Hubert	6,018	7,547	25.4	3,604	3,943
Oshawa	2,723	4,712	73.0	1,972	2,740
Ottawa/Macdonald-Cartier International	10,626	11,415	7.4	8,705	2,710
Pitt Meadows	5,310	4,485	-15.5	1,878	2,607
Prince George	2,966	2,548	-14.1	1,802	746
Québec/Jean Lesage International	6,255	7,600	21.5	5,564	2,036
Regina International	3,761	4,881	29.8	3,391	1,490
Saskatoon/John G Diefenbaker International	6,247	6,994	12.0	4,585	2,409
Sault Ste. Marie	2,424	1,710	-29.5	1,224	486
St. John's International	3,021	3,144	4.1	2,929	215
St-Jean	1,034	1,075	4.0	649	426
Sudbury	2,066	2,613	26.5	1,983	630
Thunder Bay	4,476	4,856	8.5	3,744	1,112
Toronto/Buttonville Municipal	6,697	7,261	8.4	3,971	3,290
Toronto/City Centre	3,965	5,704	43.9	2,538	3,166
Toronto/Lester B Pearson International	32,203	33,573	4.3	33,573	0
Vancouver Harbour	2,778	2,805	1.0	2,805	0
Vancouver International	23,634	24,108	2.0	24,108	0
Victoria International	9,188	10,188	10.9	5,875	4,313
Whitehorse International	1,210	1,468	21.3	910	558
Windsor	1,748	2,237	28.0	1,371	866
Winnipeg International	10,174	11,155	9.6	10,215	940
Winnipeg/St. Andrews	3,485	7,020	101.4	2,578	4,442
Yellowknife	3,823	5,620	47.0	4,044	1,576
Total (42)	282,289	312,789	10.8	227,674	85,115

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^s 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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