



Aircraft movement statistics

Transport Canada

TP 1496

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ASC-SB-332

Aircraft Movement Statistics September 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 398,947 aircraft take-offs and landings in September up 0.7% compared with September 2005 (396,070 movements). Year-over-year increases in aircraft movements were reported by 18 of the airports in September 2006. The variations ranged from 35.4% for Abbotsford to -26.6% for Windsor.

Itinerant movements (flights from one airport to another) decreased by 0.6% (-1,836 movements) in September 2006 compared with the same month a year earlier. Local movements (flights that remain in the vicinity of the airport) increased by 4.2% (+4,713 movements) in September 2006 compared with September 2005.

In terms of itinerant movements, the year-over-year variations for September ranged from a 27.9% increase (+1,082 movements) for Moncton/Greater Moncton International to a decline of 28.2% (-1,403 movements) for Kitchener/Waterloo. Eighteen airports recorded increases in itinerant movements compared with 29 airports in August 2006.

In terms of local movements, the year-over-year variations for September ranged from a 97.7% increase (+666 movements) for Winnipeg International to a -100.0% decrease (-28 movements) for Vancouver Harbour. Nineteen airports recorded increases in local movements compared with 19 airports in August 2006.

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 - September - Preliminary, Airports with NAV CANADA Towers

Airports	2005	2006	% change	2006	2006
	Total	Total	2006 / 2005	Itinerant	Local
Abbotsford	11,574	15,681	35.5	6,133	9,548
Boundary Bay	20,371	20,980	3.0	7,847	13,133
Calgary International	19,926	20,785	4.3	20,435	350
Calgary/Springbank	9,430	11,656	23.6	5,002	6,654
Chicoutimi/St-Honoré	11,524	10,990	-4.6	2,914	8,076
Edmonton City Centre	7,084	7,183	1.4	5,577	1,606
Edmonton International	9,932	10,157	2.3	9,757	400
Edmonton/Villeneuve	5,896	4,960	-15.9	2,182	2,778
Gander International	3,309	3,907	18.1	2,737	1,170
Halifax International	8,897	8,144	-8.5	6,891	1,253
Hamilton	5,246	6,087	16.0	3,897	2,190
Kelowna	6,142	6,833	11.3	4,707	2,126
Kitchener/Waterloo	9,413	7,989	-15.1	3,569	4,420
Langley	8,124	7,153	-12.0	2,949	4,204
London	8,760	7,179	-18.0	4,801	2,378
Moncton/Greater Moncton International	5,553	7,071	27.3	4,954	2,117
Montréal/Mirabel International	2,574	2,385	-7.3	1,736	649
Montréal/Pierre Elliott Trudeau International	18,795	18,632	-0.9	18,632	0
Montréal/St-Hubert	10,698	12,729	19.0	6,168	6,561
Oshawa	5,051	4,332	-14.2	1,958	2,374
Ottawa/Macdonald-Cartier International	13,412	12,420	-7.4	9,423	2,997
Pitt Meadows	9,393	10,232	8.9	4,250	5,982
Prince George	3,676	3,494	-5.0	2,548	946
Québec/Jean Lesage International	9,789	9,476	-3.2	7,348	2,128
Regina International	5,387	4,910	-8.9	3,648	1,262
Saskatoon/John G Diefenbaker International	8,141	7,914	-2.8	4,986	2,928
Sault Ste. Marie	5,040	4,955	-1.7	2,347	2,608
St. John's International	3,872	3,695	-4.6	3,393	302
St-Jean	2,723	2,768	1.7	1,896	872
Sudbury	3,518	3,127	-11.1	2,743	384
Thunder Bay	6,730	7,987	18.7	6,053	1,934
Toronto/Buttonville Municipal	14,204	11,947	-15.9	6,109	5,838
Toronto/City Centre	7,094	6,746	-4.9	3,164	3,582
Toronto/Lester B Pearson International	36,188	36,161	-0.1	36,161	0
Vancouver Harbour	6,407	6,605	3.1	6,605	0
Vancouver International	29,067	28,709	-1.2	28,709	0
Victoria International	13,133	13,609	3.6	8,714	4,895
Whitehorse International	2,019	1,862	-7.8	1,594	268
Windsor	3,324	2,438	-26.7	1,638	800
Winnipeg International	11,237	12,378	10.2	11,030	1,348
Winnipeg/St. Andrews	9,040	7,674	-15.1	3,298	4,376
Yellowknife	4,377	5,007	14.4	4,493	514
Total (42)	396,070	398,947	0.7	282,996	115,951

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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