



Aircraft movement statistics

Transport Canada

TP 1496

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Aircraft Movement Statistics September 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.

In September, the 42 Canadian airports with NAV CANADA air traffic control towers reported 395,595 take-offs and landings, a decrease of 1.7% compared to September 2003 (402,467). This decline represents the seventh consecutive decrease in year-over-year comparisons of monthly movements. Twenty-seven airports showed year-over-year decreases in aircraft movements for September 2004 compared to September 2003. Five airports showed decreases greater than 20% this month compared to three airports in August.

Itinerant movements (flights from one airport to another) decreased by 1.0% (down 2,800 movements) in September 2004 compared to September 2003. This decrease in monthly year-over-year percentage changes follows an increase in August. Local movements (flights that remain in the vicinity of the airport) declined by 3.4% (down 4,072 movements) in September 2004, the seventh consecutive month of decline.

The top ten airports in terms of volumes of itinerant movements in September showed year-over-year variations ranging from 9.5% (778 movements) at Toronto/Buttonville Municipal to -10.7% (-977 movements) at Victoria Intl. Six of the top ten airports recorded increases in itinerant movements compared to six airports in August 2004.

The top ten airports in terms of local movements showed year-over-year variations ranging from 31.5% (1,876 movements) at Toronto/Buttonville Municipal to -18.0% (-2,181 movements) at Boundary Bay. Five of the top ten airports recorded decreases in local movements compared to four airports in August 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

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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	2003 Total	2004 Total	% change 2004 / 2003	2004 Itinerant	2004 Local
Abbotsford	13,223	11,919	-9.9	4,695	7,224
Boundary Bay	20,064	15,987	-20.3	6,047	9,940
Calgary International	18,612	18,602	-0.1	18,228	374
Calgary/Springbank	10,442	9,946	-4.8	4,421	5,525
Chicoutimi/St-Honoré	11,992	12,841	7.1	3,378	9,463
Edmonton City Centre	7,316	5,757	-21.3	5,365	392
Edmonton International	10,497	8,663	-17.5	7,835	828
Edmonton/Villeneuve	5,777	4,776	-17.3	1,790	2,986
Gander International	3,699	3,660	-1.1	2,508	1,152
Halifax International	7,824	9,413	20.3	7,379	2,034
Hamilton	8,519	7,888	-7.4	4,430	3,458
Kelowna	5,221	4,967	-4.9	3,685	1,282
Langley	8,135	7,469	-8.2	2,739	4,730
London	10,336	8,794	-14.9	5,628	3,166
Moncton/Greater Moncton International	6,496	5,136	-20.9	3,745	1,391
Montréal/Mirabel International	3,558	3,499	-1.7	2,676	823
Montréal/Pierre Elliott Trudeau International	17,628	17,544	-0.5	17,544	0
Montréal/St-Hubert	16,433	18,781	14.3	9,317	9,464
Oshawa	6,841	6,755	-1.3	3,262	3,493
Ottawa/Macdonald-Cartier International	13,702	13,636	-0.5	10,298	3,338
Pitt Meadows	8,335	7,749	-7.0	3,873	3,876
Prince George	3,121	3,585	14.9	2,487	1,098
Québec/Jean Lesage International	10,105	10,684	5.7	8,198	2,486
Regina International	4,657	4,473	-4.0	3,185	1,288
Saskatoon/JG Diefenbaker	6,026	6,968	15.6	4,416	2,552
Sault Ste. Marie	6,294	4,520	-28.2	2,300	2,220
St. John's	5,260	4,628	-12.0	3,686	942
St-Jean	3,180	2,865	-9.9	2,236	629
Sudbury	4,093	3,904	-4.6	2,774	1,130
Thunder Bay	7,058	8,220	16.5	5,294	2,926
Toronto/Buttonville Municipal	14,134	16,788	18.8	8,960	7,828
Toronto/City Centre	7,419	7,459	0.5	3,847	3,612
Toronto/LB Pearson International	32,303	34,846	7.9	34,846	0
Vancouver Harbour	7,717	5,595	-27.5	5,513	82
Vancouver International	26,282	27,601	5.0	27,601	0
Victoria International	13,385	12,586	-6.0	8,146	4,440
Waterloo Regional	10,644	10,558	-0.8	5,713	4,845
Whitehorse	1,803	1,676	-7.0	1,256	420
Windsor	3,408	3,424	0.5	2,176	1,248
Winnipeg International	11,950	11,894	-0.5	10,932	962
Winnipeg/St. Andrews	4,986	5,406	8.4	2,654	2,752
Yellowknife	3,992	4,133	3.5	3,489	644
Total (42)	402,467	395,595	-1.7	278,552	117,043

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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