



Aircraft movements statistics

Transport Canada

TP 1496

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For more information please call our national toll-free line 1 800 263-1136 or by e-mail: aviationstatistics@statcan.ca

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Aircraft Movement Statistics September 2003 (Preliminary)

Airports with NAV CANADA Air Traffic Control Towers

In September, the 42 Canadian airports with NAV CANADA air traffic control towers reported 400,337 movements, a decrease of -5.6% compared to September 2002 (424,170). This marks the sixth consecutive decline in year-over-year comparisons of monthly movements. Thirty-one airports showed year-over-year decreases in aircraft movements for September compared to 37 airports in August 2003. Five airports showed decreases greater than 20% this month compared to six airports in August.

Both, itinerant movements (flights from one airport to another) and local movements (flights that remain in the vicinity of the airport) showed decreases in September compared to a year earlier. Itinerant movements dropped slightly by 0.8 % (down 2,138 movements) while local movements dropped by 15.2 % (down 21,695 movements).

The top ten airports in terms of volumes of itinerant movements in September showed year-over-year variations ranging from 3.6% at Montréal/St-Hubert to -7.7% at Québec/Jean Lesage Intl. Five of the top ten airports recorded decreases compared to September 2002.

The top ten airports in terms of local movements showed year-over-year variations ranging from 11.8% at London to -28.4% at Victoria Intl. Seven of the top ten airports recorded decreases compared to September 2002.

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 Movement by Class of Operation - September - Preliminary, Airports with NAV CANADA Towers

Airports	2002	2003	% change	2003	2003
	Total	Total	2003 / 2002	Itinerant	Local
Abbotsford	12,782	13,189	3.2	5,581	7,608
Boundary Bay	18,529	19,874	7.3	7,875	11,999
Calgary International	18,533	18,434	-0.5	18,094	340
Calgary/Springbank	11,040	10,339	-6.3	4,820	5,519
Chicoutimi/St-Honoré	13,422	11,992	-10.7	3,097	8,895
Edmonton City Centre	8,071	7,252	-10.1	6,652	600
Edmonton International	8,652	10,432	20.6	7,800	2,632
Edmonton/Villeneuve	6,546	5,687	-13.1	2,475	3,212
Gander International	3,309	3,691	11.5	2,691	1,000
Halifax International	7,831	7,805	-0.3	7,001	804
Hamilton	10,474	8,492	-18.9	5,194	3,298
Kelowna	6,574	5,125	-22.0	4,011	1,114
Langley	7,478	8,087	8.1	3,980	4,107
London	10,119	10,325	2.0	5,485	4,840
Moncton/Greater Moncton Intl	5,612	6,478	15.4	4,058	2,420
Montréal/Dorval International	17,221	17,556	1.9	17,556	0
Montréal/Mirabel International	3,811	3,538	-7.2	2,622	916
Montréal/St-Hubert	16,930	16,418	-3.0	8,574	7,844
Oshawa	7,423	6,837	-7.9	3,277	3,560
Ottawa/Macdonald-Cartier International	14,998	13,665	-8.9	10,843	2,822
Pitt Meadows	6,669	8,271	24.0	4,361	3,910
Prince George	3,498	3,097	-11.5	2,197	900
Québec/Jean Lesage International	11,454	10,061	-12.2	7,909	2,152
Regina Intl	5,428	4,619	-14.9	3,277	1,342
Saskatoon/JG Diefenbaker	6,657	5,998	-9.9	4,201	1,797
Sault Ste. Marie	5,493	6,290	14.5	2,724	3,566
St. John's	4,737	5,253	10.9	3,943	1,310
St-Jean	3,394	3,180	-6.3	2,470	710
Sudbury	6,626	4,089	-38.3	2,573	1,516
Thunder Bay	7,494	7,040	-6.1	4,888	2,152
Toronto/Buttonville Municipal	15,294	14,123	-7.7	8,173	5,950
Toronto/City Centre	11,663	7,403	-36.5	3,641	3,762
Toronto/LB Pearson International	33,316	32,100	-3.6	32,100	0
Vancouver Harbour	8,078	7,668	-5.1	6,064	1,604
Vancouver International	26,360	26,052	-1.2	26,052	0
Victoria International	14,690	13,292	-9.5	9,060	4,232
Waterloo Regional	12,619	10,598	-16.0	4,788	5,810
Whitehorse	2,267	1,798	-20.7	1,332	466
Windsor	3,564	3,402	-4.5	2,238	1,164
Winnipeg International	13,568	11,884	-12.4	10,688	1,196
Winnipeg/St. Andrews	7,589	4,934	-35.0	2,068	2,866
Yellowknife	4,357	3,969	-8.9	3,329	640
Total (42)	424,170	400,337	-5.6	279,762	120,575

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
- 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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