



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 July 2003 (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. Historical issues of this bulletin for months prior to 2002 are available on-line at <http://www.tc.gc.ca/pol/en/Report/TP1496/tp1496.htm>

In July, the 42 Canadian airports with NAV CANADA air traffic control towers reported 449,725 movements, a decrease of 3.9% compared to July 2002 (468,213). Three-quarters of the airports showed year-over-year decreases in total aircraft movements for July. Only one airport, Sudbury, showed a decrease greater than 20% this month compared to four airports in June. In early July, the World Health Organization lifted the travel advisory for Toronto, removing it from the list of high-infection areas for Severe Acute Respiratory Syndrome (SARS).

Overall, the decrease in July 2003 was reflected in both itinerant movements (flights from one airport to another) and local movements (flights that remain in the vicinity of the airport). Itinerant movements dropped by 2.2% (down 6,917 movements) while local movements dropped by 7.6% (down 11,571 movements).

The top ten airports in terms of volumes of itinerant movements in July showed year-over-year variations ranging from 18.8% at Boundary Bay to -7.3% at Toronto/LB Pearson Intl. Six airports recorded decreases compared to July 2002.

The top ten airports in terms of local movements showed year-over-year variations ranging from 5.2% at Boundary Bay to -32.2% at Winnipeg/St Andrews. Nine airports recorded decreases compared to July 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 - July - Preliminary, Airports with NAV CANADA Towers

Airports	2002	2003	% change	2003	2003
	Total	Total	2003 / 2002	Itinerant	Local
Abbotsford	13,603	11,811	-13.2	5,795	6,016
Boundary Bay	18,927	20,913	10.5	8,733	12,180
Calgary International	20,393	20,365	-0.1	20,053	312
Calgary/Springbank	14,312	13,273	-7.3	5,980	7,293
Chicoutimi/St-Honoré	4,314	5,123	18.8	2,102	3,021
Edmonton City Centre	8,163	7,473	-8.5	6,899	574
Edmonton International	9,902	9,541	-3.6	7,895	1,646
Edmonton/Villeneuve	5,500	4,735	-13.9	1,463	3,272
Gander International	5,774	5,111	-11.5	2,939	2,172
Halifax International	8,792	8,466	-3.7	7,596	870
Hamilton	10,887	9,843	-9.6	5,577	4,266
Kelowna	6,754	5,867	-13.1	4,378	1,489
Langley	8,731	8,204	-6.0	3,439	4,765
London	13,101	11,790	-10.0	5,865	5,925
Moncton/Greater Moncton Intl	6,178	6,109	-1.1	4,087	2,022
Montréal/Dorval International	17,536	17,970	2.5	17,970	0
Montréal/Mirabel International	3,737	3,155	-15.6	2,445	710
Montréal/St-Hubert	18,748	17,834	-4.9	8,342	9,492
Oshawa	7,555	7,211	-4.6	3,221	3,990
Ottawa/Macdonald-Cartier International	14,985	14,492	-3.3	11,044	3,448
Pitt Meadows	7,035	8,821	25.4	3,925	4,896
Prince George	3,408	3,581	5.1	2,917	664
Québec/Jean Lesage International	13,826	11,154	-19.3	8,059	3,095
Regina Intl	6,049	5,135	-15.1	3,561	1,574
Saskatoon/JG Diefenbaker	6,867	6,865	0.0	4,694	2,171
Sault Ste. Marie	4,859	5,820	19.8	3,192	2,628
St. John's	5,531	5,722	3.5	4,020	1,702
St-Jean	8,048	9,739	21.0	8,899	840
Sudbury	8,960	6,303	-29.7	3,475	2,828
Thunder Bay	8,301	8,477	2.1	5,315	3,162
Toronto/Buttonville Municipal	17,585	17,109	-2.7	9,007	8,102
Toronto/City Centre	12,231	10,983	-10.2	4,919	6,064
Toronto/LB Pearson International	34,897	32,353	-7.3	32,353	0
Vancouver Harbour	9,179	10,823	17.9	6,609	4,214
Vancouver International	30,306	28,954	-4.5	28,954	0
Victoria International	16,715	16,062	-3.9	10,755	5,307
Waterloo Regional	18,520	15,978	-13.7	6,877	9,101
Whitehorse	3,230	3,009	-6.8	2,101	908
Windsor	3,945	6,225	57.8	2,957	3,268
Winnipeg International	14,834	13,719	-7.5	12,336	1,383
Winnipeg/St. Andrews	10,814	8,828	-18.4	3,458	5,370
Yellowknife	5,181	4,779	-7.8	4,070	709
Total (42)	468,213	449,725	-3.9	308,276	141,449

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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