Aircraft movement statistics

Transport Canada   **TP 1496**

ASC-SB-304

Aircraft Movement Statistics July 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 July, the 42 Canadian airports with NAV CANADA air traffic control towers reported 416,714 take-offs and landings, a decrease of 7.9% compared to July 2003 (452,675). This decline represents the fifth consecutive decrease in year-over-year comparisons of monthly movements. Thirty-three airports showed year-over-year decreases in aircraft movements for July 2004 compared to July 2003. Ten airports showed decreases greater than 20% this month compared to seven airports in June.

Itinerant movements (flights from one airport to another) decreased by 4.1% (down 12,741 movements) in July 2004 compared to July 2003. This decrease in monthly year-over-year percentage changes follows a one month increase in June. Local movements (flights that remain in the vicinity of the airport) declined by 16.3% (down 23,220 movements) in July 2004, the fifth consecutive month of decline.

The top ten airports in terms of volumes of itinerant movements in July showed year-over-year variations ranging from 9.9% (3,216 movements) at Toronto/LB Pearson Intl to -9.6 % (-1,059 movements) at Ottawa/Macdonald-Cartier Intl. Six of the top ten airports recorded decreases in itinerant movements compared to four airports in June 2004.

The top ten airports in terms of local movements showed year-over-year variations ranging from 0.2% (16 movements) at Waterloo Regional to -25.2% (-1,494 movements) at London. Nine of the top ten airports recorded decreases in local movements compared to four airports in June 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*

August 2004

Statistics Canada   Statistique Canada
Transport Canada   Transports Canada

Canada

Aircraft Movements by Class of Operation - July - Preliminary, Airports with NAV CANADA Towers

Airports	2003 Total	2004 Total	% change 2004 / 2003	2004 Itinerant	2004 Local
Abbotsford	11,944	9,956	-16.6	5,124	4,832
Boundary Bay	21,142	20,344	-3.8	8,163	12,181
Calgary International	20,562	19,126	-7.0	18,989	137
Calgary/Springbank	13,332	10,562	-20.8	4,816	5,746
Chicoutimi/St-Honoré	5,132	4,768	-7.1	2,027	2,741
Edmonton City Centre	7,560	6,017	-20.4	5,525	492
Edmonton International	9,636	8,740	-9.3	8,194	546
Edmonton/Villeneuve	4,750	4,282	-9.9	1,339	2,943
Gander International	5,113	3,890	-23.9	2,419	1,471
Halifax International	8,510	8,435	-0.9	7,951	484
Hamilton	9,867	8,182	-17.1	4,384	3,798
Kelowna	5,902	6,826	15.7	4,574	2,252
Langley	8,272	7,624	-7.8	3,182	4,442
London	11,808	10,419	-11.8	5,980	4,439
Moncton/Greater Moncton International	6,138	6,318	2.9	4,172	2,146
Montréal/Mirabel International	3,173	3,250	2.4	2,622	628
Montréal/Pierre Elliott Trudeau International	18,070	17,672	-2.2	17,672	0
Montréal/St-Hubert	17,991	16,875	-6.2	7,826	9,049
Oshawa	7,238	5,283	-27.0	2,527	2,756
Ottawa/Macdonald-Cartier International	14,534	13,563	-6.7	10,027	3,536
Pitt Meadows	8,895	8,641	-2.9	3,749	4,892
Prince George	3,637	4,080	12.2	3,034	1,046
Québec/Jean Lesage International	11,236	11,499	2.3	8,143	3,356
Regina International	5,172	4,495	-13.1	3,209	1,286
Saskatoon/JG Diefenbaker	6,927	6,545	-5.5	4,438	2,107
Sault Ste. Marie	5,835	4,810	-17.6	2,674	2,136
St. John's	5,747	4,335	-24.6	3,861	474
St-Jean	9,791	7,035	-28.1	6,383	652
Sudbury	6,307	4,070	-35.5	2,734	1,336
Thunder Bay	8,496	9,572	12.7	5,706	3,866
Toronto/Buttonville Municipal	17,157	15,730	-8.3	7,796	7,934
Toronto/City Centre	10,996	6,868	-37.5	3,508	3,360
Toronto/LB Pearson International	32,565	35,781	9.9	35,781	0
Vancouver Harbour	10,882	6,632	-39.1	6,524	108
Vancouver International	29,266	31,731	8.4	31,731	0
Victoria International	16,279	13,953	-14.3	10,026	3,927
Waterloo Regional	16,010	15,942	-0.4	6,803	9,139
Whitehorse	3,040	3,023	-0.6	2,527	496
Windsor	6,237	2,987	-52.1	1,767	1,220
Winnipeg International	13,817	12,609	-8.7	11,910	699
Winnipeg/St. Andrews	8,885	8,609	-3.1	3,433	5,176
Yellowknife	4,824	5,635	16.8	4,419	1,216
Total (42)	**452,675**	**416,714**	**-7.9**	**297,669**	**119,045**

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

Standards of service to the public

Statistics Canada is committed to serving its clients in a prompt, reliable and courteous manner and in the official language of their choice. To this end, the Agency has developed standards of service which its employees observe in serving its clients. To obtain a copy of these service standards, please contact Statistics Canada toll free at 1 800 263-1136.