



Aircraft movements statistics

Transport Canada

TP 1496

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Aircraft Movement Statistics April 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 April, the 42 Canadian airports with NAV CANADA air traffic control towers reported 375,788 take-offs and landings, a decrease of 0.6% compared to April 2003 (378,116). This decline represents the second consecutive decrease in year-over-year comparisons of monthly movements. Twenty-four airports showed year-over-year decreases in aircraft movements for April 2004 compared to April 2003. Twelve airports showed decreases greater than 20% this month compared to eight airports in March.

Itinerant movements (flights from one airport to another) increased by 4.9 % (up 12,059 movements) in April 2004 compared to April 2003. This represents the third consecutive month of year-over-year percentage increase. Local movements (flights that remain in the vicinity of the airport) declined by 11.1% (down 14,387 movements) in April 2004, the second consecutive month of decline.

The top ten airports in terms of volumes of itinerant movements in April showed year-over-year increases ranging from 17.5% (1,047 movements) at Abbotsford to -11.1% (-894 movements) at Québec/Jean Lesage Intl. Seven of the top ten airports recorded increases in itinerant movements compared to ten airports in March 2004.

The top ten airports in terms of local movements showed year-over-year variations ranging from 61.3% (2,008 movements) at Pitt Meadows to -29.1% (-2,564 movements) at Montréal/St-Hubert. Six of the top ten airports recorded decreases in local movements compared to two airports in March 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

May 2004

Note of Appreciation

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

Airports	2003 Total	2004 Total	% change 2004 / 2003	2004 Itinerant	2004 Local
Abbotsford	14,679	15,522	5.7	7,015	8,507
Boundary Bay	14,412	15,604	8.3	6,931	8,673
Calgary International	16,936	17,927	5.9	17,295	632
Calgary/Springbank	9,398	12,819	36.4	4,667	8,152
Chicoutimi/St-Honoré	4,614	6,094	32.1	2,176	3,918
Edmonton City Centre	7,142	6,842	-4.2	5,927	915
Edmonton International	8,938	9,417	5.4	7,848	1,569
Edmonton/Villeneuve	6,914	5,148	-25.5	1,630	3,518
Gander International	3,971	2,665	-32.9	1,773	892
Halifax International	7,519	7,407	-1.5	6,767	640
Hamilton	7,857	7,035	-10.5	4,111	2,924
Kelowna	7,138	7,142	0.1	4,466	2,676
Langley	7,354	7,868	7.0	3,842	4,026
London	10,026	9,032	-9.9	4,734	4,298
Moncton/Greater Moncton International	6,282	4,830	-23.1	3,111	1,719
Montréal/Mirabel International	3,369	3,245	-3.7	2,644	601
Montréal/Pierre Elliott Trudeau International	15,391	16,753	8.8	16,753	0
Montréal/St-Hubert	16,580	13,067	-21.2	6,823	6,244
Oshawa	6,249	5,978	-4.3	2,417	3,561
Ottawa/Macdonald-Cartier International	12,875	12,182	-5.4	9,763	2,419
Pitt Meadows	5,454	9,823	80.1	4,541	5,282
Prince George	4,341	3,453	-20.5	2,317	1,136
Québec/Jean Lesage International	12,454	9,357	-24.9	7,167	2,190
Regina Intl	5,087	4,389	-13.7	3,143	1,246
Saskatoon/JG Diefenbaker	6,867	7,270	5.9	4,353	2,917
Sault Ste. Marie	6,557	4,190	-36.1	1,982	2,208
St. John's	5,001	3,968	-20.7	3,294	674
St-Jean	1,883	1,460	-22.5	946	514
Sudbury	5,688	3,215	-43.5	2,401	814
Thunder Bay	8,967	11,057	23.3	5,179	5,878
Toronto/Buttonville Municipal	11,265	11,841	5.1	6,421	5,420
Toronto/City Centre	6,914	5,303	-23.3	2,577	2,726
Toronto/LB Pearson International	28,120	32,499	15.6	32,499	0
Vancouver Harbour	6,814	5,167	-24.2	4,979	188
Vancouver International	21,854	24,570	12.4	24,570	0
Victoria International	13,645	14,127	3.5	9,093	5,034
Waterloo Regional	9,326	7,936	-14.9	3,981	3,955
Whitehorse	2,281	2,725	19.5	1,249	1,476
Windsor	3,229	2,849	-11.8	1,697	1,152
Winnipeg International	12,796	11,859	-7.3	10,948	911
Winnipeg/St. Andrews	7,576	6,704	-11.5	2,756	3,948
Yellowknife	4,353	5,449	25.2	3,845	1,604
Total (42)	378,116	375,788	-0.6	260,631	115,157

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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