



Aircraft movements statistics

Transport Canada

TP 1496

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Aircraft Movement Statistics May 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 May, the 42 Canadian airports with NAV CANADA air traffic control towers reported 380,368 take-offs and landings, a decrease of 8.9% compared to May 2003 (417,552). This decline represents the third consecutive decrease in year-over-year comparisons of monthly movements. Thirty-one airports showed year-over-year decreases in aircraft movements for May 2004 compared to May 2003. Ten airports showed decreases greater than 20% this month compared to twelve airports in April.

Itinerant movements (flights from one airport to another) decreased by 2.1 % (down 5,860 movements) in May 2004 compared to May 2003. This represents the first decrease in monthly year-over-year percentage changes following three months of increases. Local movements (flights that remain in the vicinity of the airport) declined by 22.1% (down 31,324 movements) in May 2004, the third consecutive month of decline.

The top ten airports in terms of volumes of itinerant movements in May showed year-over-year variations ranging from 14.2% (4,166 movements) at Toronto/LB Pearson Intl to -10.9% (-993 movements) at Montréal/St-Hubert. Four of the top ten airports recorded increases in itinerant movements compared to all ten in April 2004.

The top ten airports in terms of local movements showed year-over-year variations ranging from 11.5% (392 movements) at Oshawa to -29.8% (-3,242 movements) at Abbotsford. Seven of the top ten airports recorded decreases in local movements compared to six airports in April 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

June 2004

Note of Appreciation

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

Airports	2003 Total	2004 Total	% change 2004 / 2003	2004 Itinerant	2004 Local
Abbotsford	17,906	13,730	-23.3	6,086	7,644
Boundary Bay	17,564	15,150	-13.7	6,364	8,786
Calgary International	19,097	17,899	-6.3	17,472	427
Calgary/Springbank	10,360	10,106	-2.5	4,053	6,053
Chicoutimi/St-Honoré	7,004	6,184	-11.7	2,853	3,331
Edmonton City Centre	7,865	6,498	-17.4	5,878	620
Edmonton International	8,744	8,547	-2.3	7,516	1,031
Edmonton/Villeneuve	5,534	5,741	3.7	2,553	3,188
Gander International	3,420	3,673	7.4	2,323	1,350
Halifax International	7,957	7,606	-4.4	7,116	490
Hamilton	8,041	6,727	-16.3	3,975	2,752
Kelowna	6,177	6,410	3.8	4,242	2,168
Langley	8,237	7,552	-8.3	2,748	4,804
London	10,050	7,792	-22.5	4,714	3,078
Moncton/Greater Moncton International	4,653	4,890	5.1	3,451	1,439
Montréal/Mirabel International	4,207	3,280	-22.0	2,602	678
Montréal/Pierre Elliott Trudeau International	16,641	17,525	5.3	17,525	0
Montréal/St-Hubert	20,218	17,034	-15.7	8,082	8,952
Oshawa	6,283	6,561	4.4	2,757	3,804
Ottawa/Macdonald-Cartier International	13,897	13,705	-1.4	10,403	3,302
Pitt Meadows	8,030	8,704	8.4	4,138	4,566
Prince George	4,765	4,576	-4.0	2,534	2,042
Québec/Jean Lesage International	11,398	9,943	-12.8	7,800	2,143
Regina Intl	5,624	4,088	-27.3	3,018	1,070
Saskatoon/JG Diefenbaker	6,881	7,269	5.6	4,402	2,867
Sault Ste. Marie	8,525	5,147	-39.6	2,261	2,886
St. John's	4,748	4,875	2.7	3,859	1,016
St-Jean	2,815	2,557	-9.2	2,105	452
Sudbury	6,280	3,168	-49.6	2,602	566
Thunder Bay	10,213	8,050	-21.2	4,806	3,244
Toronto/Buttonville Municipal	14,715	13,298	-9.6	7,016	6,282
Toronto/City Centre	8,671	6,249	-27.9	3,349	2,900
Toronto/LB Pearson International	29,417	33,583	14.2	33,583	0
Vancouver Harbour	8,490	5,712	-32.7	5,600	112
Vancouver International	24,546	26,539	8.1	26,539	0
Victoria International	15,402	13,238	-14.1	8,875	4,363
Waterloo Regional	9,448	8,187	-13.3	4,249	3,938
Whitehorse	3,681	3,173	-13.8	1,593	1,580
Windsor	3,057	2,715	-11.2	1,667	1,048
Winnipeg International	13,277	11,430	-13.9	10,700	730
Winnipeg/St. Andrews	7,907	5,726	-27.6	2,771	2,955
Yellowknife	5,807	5,531	-4.8	4,063	1,468
Total (42)	417,552	380,368	-8.9	270,243	110,125

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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