



Aircraft movement statistics

Transport Canada

TP 1496

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Aircraft Movement Statistics May 2005 (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.

The 42 Canadian airports with NAV CANADA air traffic control towers reported 405,695 aircraft take-offs and landings in May, up 6.0% compared with May 2004 (382,597 movements). Year-over-year increases in aircraft movements were reported by 27 airports in May 2005. Only one airport reported a decline of greater than 20% this month compared with 2 airports in April 2005.

Itinerant movements (flights from one airport to another) increased by 3.1% (+8,460 movements) in May compared with the same month a year earlier. Local movements (flights that remain in the vicinity of the airport) increased by 13.2% (+14,638 movements) in May compared with May 2004.

The top 10 airports in terms of volumes of itinerant movements in May showed year-over-year variations ranging from a 14.2% increase (+993 movements) at Toronto/Buttonville Municipal to a decline of 14.0% (-1,136 movements) at Montréal/St-Hubert. Of the top 10 airports, 7 recorded increases in itinerant movements compared with 4 airports in April 2005.

The top 10 airports in terms of local movements showed year-over-year variations ranging from a 49.2% increase (+1,638 movements) at Chicoutimi/St-Honoré to a decline of 16.8% (-1,530 movements) at Montréal/St-Hubert. Of the top 10 airports, 8 recorded increases in local movements compared with 8 airports in April 2005.

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 2005

Note of appreciation

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

Airports	2004 Total	2005 Total	% change 2005 / 2004	2005 Itinerant	2005 Local
Abbotsford	13,841	15,848	14.5	6,550	9,298
Boundary Bay	15,363	17,373	13.1	6,421	10,952
Calgary International	18,056	20,087	11.2	19,405	682
Calgary/Springbank	10,155	14,346	41.3	5,540	8,806
Chicoutimi/St-Honoré	6,190	7,830	26.5	2,861	4,969
Edmonton City Centre	6,535	7,701	17.8	6,519	1,182
Edmonton International	8,623	9,186	6.5	8,088	1,098
Edmonton/Villeneuve	5,749	6,675	16.1	2,483	4,192
Gander International	3,675	3,069	-16.5	2,085	984
Halifax International	7,627	7,372	-3.3	6,752	620
Hamilton	6,739	7,482	11.0	3,954	3,528
Kelowna	6,441	6,424	-0.3	4,405	2,019
Langley	7,605	7,702	1.3	2,992	4,710
London	7,800	9,613	23.2	5,442	4,171
Moncton/Greater Moncton International	4,928	3,976	-19.3	2,886	1,090
Montréal/Mirabel International	3,348	2,953	-11.8	2,170	783
Montréal/Pierre Elliott Trudeau International	17,604	17,439	-0.9	17,439	0
Montréal/St-Hubert	17,229	14,563	-15.5	6,997	7,566
Oshawa	6,562	5,883	-10.3	2,811	3,072
Ottawa/Macdonald-Cartier International	13,764	13,488	-2.0	10,352	3,136
Pitt Meadows	8,811	10,770	22.2	4,572	6,198
Prince George	4,594	4,899	6.6	2,918	1,981
Québec/Jean Lesage International	9,996	8,979	-10.2	6,968	2,011
Regina International	4,108	4,519	10.0	3,575	944
Saskatoon/JG Diefenbaker	7,291	6,950	-4.7	4,518	2,432
Sault Ste. Marie	5,150	7,021	36.3	2,831	4,190
St. John's	4,882	3,485	-28.6	3,181	304
St-Jean	2,559	2,507	-2.0	1,817	690
Sudbury	3,174	4,322	36.2	3,228	1,094
Thunder Bay	8,069	8,549	5.9	5,063	3,486
Toronto/Buttonville Municipal	13,298	15,661	17.8	8,009	7,652
Toronto/City Centre	6,249	6,837	9.4	3,607	3,230
Toronto/LB Pearson International	33,804	34,700	2.7	34,700	0
Vancouver Harbour	5,757	5,742	-0.3	5,678	64
Vancouver International	26,791	27,695	3.4	27,695	0
Victoria International	13,355	13,673	2.4	9,072	4,601
Waterloo Regional	8,187	9,933	21.3	4,901	5,032
Whitehorse	3,183	3,562	11.9	1,704	1,858
Windsor	2,719	3,601	32.4	1,991	1,610
Winnipeg International	11,480	12,358	7.6	11,550	808
Winnipeg/St. Andrews	5,744	4,898	-14.7	2,196	2,702
Yellowknife	5,562	6,024	8.3	4,362	1,662
Total (42)	382,597	405,695	6.0	280,288	125,407

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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