



Aircraft movement statistics

Transport Canada

TP 1496

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Aircraft Movement Statistics June 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 387,881 aircraft take-offs and landings in June, down 6.3% compared with June 2004 (413,927 movements). Year-over-year increases in aircraft movements were reported by 14 airports in June 2005. Seven airports reported declines of greater than 20% this month compared with 1 airport in May 2005.

Itinerant movements (flights from one airport to another) decreased by 4.1% (-12,238 movements) in June compared with the same month a year earlier. Local movements (flights that remain in the vicinity of the airport) decreased by 11.6% (-13,808 movements) in June compared with June 2004.

The top 10 airports in terms of volumes of itinerant movements in June showed year-over-year variations ranging from a 3.8% increase (+736 movements) at Calgary International to a decline of 15.3% (-1,393 movements) at Toronto/Buttonville Municipal. Of the top 10 airports, 4 recorded increases in itinerant movements compared with 7 airports in May 2005.

The top 10 airports in terms of local movements showed year-over-year variations ranging from an 18.1% increase (+629 movements) at Chicoutimi/St-Honoré to a decline of 34.9% (-3,279 movements) at Montréal/St-Hubert. Of the top 10 airports, 5 recorded increases in local movements compared with 8 airports in May 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

July 2005

Note of appreciation

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

Airports	2004 Total	2005 Total	% change 2005 / 2004	2005 Itinerant	2005 Local
Abbotsford	12,919	11,006	-14.8	4,918	6,088
Boundary Bay	16,541	16,241	-1.8	6,278	9,963
Calgary International	19,396	20,719	6.8	19,881	838
Calgary/Springbank	11,199	10,194	-9.0	3,869	6,325
Chicoutimi/St-Honoré	6,214	7,022	13.0	2,915	4,107
Edmonton City Centre	7,588	7,069	-6.8	6,156	913
Edmonton International	8,654	8,674	0.2	8,065	609
Edmonton/Villeneuve	6,469	4,396	-32.0	1,180	3,216
Gander International	3,334	3,588	7.6	2,654	934
Halifax International	8,338	7,837	-6.0	7,114	723
Hamilton	8,415	8,066	-4.1	4,352	3,714
Kelowna	5,483	5,903	7.7	4,253	1,650
Langley	7,431	7,195	-3.2	2,641	4,554
London	8,357	7,622	-8.8	4,866	2,756
Moncton/Greater Moncton International	4,732	4,896	3.5	3,602	1,294
Montréal/Mirabel International	3,216	3,068	-4.6	2,148	920
Montréal/Pierre Elliott Trudeau International	18,788	18,463	-1.7	18,463	0
Montréal/St-Hubert	18,383	13,066	-28.9	6,948	6,118
Oshawa	8,629	6,577	-23.8	3,606	2,971
Ottawa/Macdonald-Cartier International	14,212	13,935	-1.9	10,561	3,374
Pitt Meadows	8,858	8,452	-4.6	3,422	5,030
Prince George	4,164	3,247	-22.0	2,664	583
Québec/Jean Lesage International	9,621	10,722	11.4	7,757	2,965
Regina International	4,522	4,671	3.3	3,685	986
Saskatoon/JG Diefenbaker	6,874	5,935	-13.7	4,453	1,482
Sault Ste. Marie	6,180	4,674	-24.4	2,834	1,840
St. John's	4,738	3,783	-20.2	3,481	302
St-Jean	2,888	3,233	11.9	2,577	656
Sudbury	3,760	4,392	16.8	3,318	1,074
Thunder Bay	10,453	8,919	-14.7	5,509	3,410
Toronto/Buttonville Municipal	19,921	14,983	-24.8	7,699	7,284
Toronto/City Centre	7,602	6,228	-18.1	3,587	2,641
Toronto/LB Pearson International	34,844	35,082	0.7	35,082	0
Vancouver Harbour	6,403	6,283	-1.9	6,217	66
Vancouver International	29,316	29,428	0.4	29,428	0
Victoria International	14,454	13,643	-5.6	9,041	4,602
Waterloo Regional	10,256	9,523	-7.1	4,713	4,810
Whitehorse	2,558	2,889	12.9	1,933	956
Windsor	3,488	3,641	4.4	2,099	1,542
Winnipeg International	12,993	12,644	-2.7	12,022	622
Winnipeg/St. Andrews	5,337	4,538	-15.0	2,158	2,380
Yellowknife	6,399	5,434	-15.1	4,525	909
Total (42)	413,927	387,881	-6.3	282,674	105,207

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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