



Aircraft movement statistics

Transport Canada

TP 1496

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Aircraft Movement Statistics October 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 371,413 aircraft take-offs and landings in October, up 1.4% compared with October 2004 (366,234 movements). Year-over-year decreases in aircraft movements were reported by 20 of the airports in October 2005. The variations ranged from 87.5% at Winnipeg/St Andrews to -47.0% at Montréal/St-Hubert.

Itinerant movements (flights from one airport to another) increased by 1.6% (+4,121 movements) in October compared with the same month a year earlier. Local movements (flights that remain in the vicinity of the airport) increased by 1.0% (+1,058 movements) in October compared with October 2004.

The top 10 airports in terms of volumes of itinerant movements in October showed year-over-year variations ranging from a 8.0% increase (+629 movements) at Edmonton International to a decline of 8.6% (-675 movements) at Quebec/Jean Lesage International. Of the top 10 airports, 5 recorded increases in itinerant movements compared with 7 airports in September 2005.

The top 10 airports in terms of local movements showed year-over-year variations ranging from a 121.1% increase (+2,676 movements) at Winnipeg/St. Andrews to a decline of 21.3% (-1,194 movements) at Thunder Bay. Of the top 10 airports, 5 recorded increases in local movements compared with 3 airports in September 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

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Note of appreciation

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

Airports	2004 Total	2005 Total	% change 2005 / 2004	2005 Itinerant	2005 Local
Abbotsford	14,376	12,856	-10.6	4,758	8,098
Boundary Bay	16,107	14,013	-13.0	5,392	8,621
Calgary International	17,801	19,063	7.1	18,844	219
Calgary/Springbank	9,376	12,744	35.9	5,164	7,580
Chicoutimi/St-Honoré	8,169	7,234	-11.4	1,946	5,288
Edmonton City Centre	6,088	6,752	10.9	6,096	656
Edmonton International	8,719	9,723	11.5	8,533	1,190
Edmonton/Villeneuve	4,938	6,269	27.0	2,712	3,557
Gander International	3,392	2,597	-23.4	2,425	172
Halifax International	7,270	7,161	-1.5	6,350	811
Hamilton	6,226	5,505	-11.6	3,651	1,854
Kelowna	6,283	6,237	-0.7	3,940	2,297
Kitchener/Waterloo	8,302	9,721	17.1	4,690	5,031
Langley	6,307	7,053	11.8	2,769	4,284
London	8,208	9,424	14.8	5,040	4,384
Moncton/Greater Moncton International	6,902	6,550	-5.1	3,731	2,819
Montréal/Mirabel International	3,475	2,781	-20.0	2,062	719
Montréal/Pierre Elliott Trudeau International	17,331	18,196	5.0	18,196	0
Montréal/St-Hubert	18,004	9,543	-47.0	5,180	4,363
Oshawa	4,682	4,810	2.7	2,250	2,560
Ottawa/Macdonald-Cartier International	13,773	13,062	-5.2	10,210	2,852
Pitt Meadows	7,861	7,320	-6.9	3,528	3,792
Prince George	3,515	3,949	12.3	2,413	1,536
Québec/Jean Lesage International	10,074	9,905	-1.7	7,154	2,751
Regina International	3,610	5,245	45.3	3,843	1,402
Saskatoon/John G Diefenbaker International	6,070	8,441	39.1	5,069	3,372
Sault Ste. Marie	3,678	5,047	37.2	2,067	2,980
St. John's International	4,290	3,849	-10.3	3,511	338
St-Jean	2,961	2,829	-4.5	1,906	923
Sudbury	2,947	2,706	-8.2	2,420	286
Thunder Bay	10,666	9,445	-11.4	5,029	4,416
Toronto/Buttonville Municipal	10,174	13,072	28.5	6,262	6,810
Toronto/City Centre	4,882	5,573	14.2	2,899	2,674
Toronto/Lester B Pearson International	34,395	34,825	1.3	34,825	0
Vancouver Harbour	4,467	4,496	0.6	4,490	6
Vancouver International	25,481	25,480	0.0	25,480	0
Victoria International	12,695	11,514	-9.3	7,008	4,506
Whitehorse International	1,244	1,389	11.7	1,027	362
Windsor	2,416	2,340	-3.1	1,776	564
Winnipeg International	10,679	10,942	2.5	10,332	610
Winnipeg/St. Andrews	4,019	7,536	87.5	2,650	4,886
Yellowknife	4,381	4,216	-3.8	3,524	692
Total (42)	366,234	371,413	1.4	261,152	110,261

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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