



Aircraft movement statistics

Transport Canada

TP 1496

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Aircraft Movement Statistics March 2006 (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 363,844 aircraft take-offs and landings in March, up 1.6% compared with March 2005 (358,132 movements). Year-over-year increases in aircraft movements were reported by 26 of the airports in March 2006. The variations ranged from 40.4% at Toronto/City Centre to -39.5% at Sault Ste Marie.

Itinerant movements (flights from one airport to another) increased by 1.1% (+2,724 movements) in March compared with the same month a year earlier. Local movements (flights that remain in the vicinity of the airport) increased by 2.9% (+2,988 movements) in March compared with March 2005.

The top 10 airports in terms of volumes of itinerant movements in March showed year-over-year variations ranging from a 17.0% increase (+1,028 movements) at Québec/Jean Lesage International to a decline of 11.9% (-958 movements) at Victoria International. Of the top 10 airports, 6 recorded increases in itinerant movements compared with 2 airports in February 2006.

The top 10 airports in terms of local movements showed year-over-year variations ranging from a 36.5% increase (+2,167 movements) at Calgary/Springbank to a decline of -22.3% (-1,224 movements) at Pitt Meadows. Of the top 10 airports, 8 recorded increases in local movements compared with 2 airports in February 2006.

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 - March - Preliminary, Airports with NAV CANADA Towers

Airports	2005	2006	% change	2006	2006
	Total	Total	2006 / 2005	Itinerant	Local
Abbotsford	13,900	14,683	5.6	6,053	8,630
Boundary Bay	14,888	16,681	12.0	6,221	10,460
Calgary International	19,500	19,550	0.3	19,372	178
Calgary/Springbank	9,746	12,156	24.7	4,060	8,096
Chicoutimi/St-Honoré	7,364	7,434	1.0	2,319	5,115
Edmonton City Centre	6,671	6,278	-5.9	5,038	1,240
Edmonton International	10,156	10,953	7.8	10,261	692
Edmonton/Villeneuve	5,728	5,263	-8.1	1,067	4,196
Gander International	2,084	1,905	-8.6	1,479	426
Halifax International	6,553	7,262	10.8	6,586	676
Hamilton	6,757	6,368	-5.8	3,760	2,608
Kelowna	5,942	6,167	3.8	4,320	1,847
Kitchener/Waterloo	7,334	8,606	17.3	3,896	4,710
Langley	5,894	5,687	-3.5	2,161	3,526
London	7,991	8,668	8.5	4,702	3,966
Moncton/Greater Moncton International	4,860	5,921	21.8	3,688	2,233
Montréal/Mirabel International	2,702	3,157	16.8	2,274	883
Montréal/Pierre Elliott Trudeau International	16,727	17,829	6.6	17,829	0
Montréal/St-Hubert	11,753	11,862	0.9	5,540	6,322
Oshawa	4,753	5,313	11.8	2,355	2,958
Ottawa/Macdonald-Cartier International	13,279	12,504	-5.8	9,905	2,599
Pitt Meadows	9,069	7,570	-16.5	3,298	4,272
Prince George	4,174	3,166	-24.1	2,272	894
Québec/Jean Lesage International	7,872	9,530	21.1	7,058	2,472
Regina International	4,122	4,576	11.0	3,525	1,051
Saskatoon/John G Diefenbaker International	6,163	7,188	16.6	4,783	2,405
Sault Ste. Marie	4,919	2,975	-39.5	1,611	1,364
St. John's International	3,875	3,179	-18.0	2,977	202
St-Jean	1,562	1,703	9.0	988	715
Sudbury	3,637	2,669	-26.6	2,267	402
Thunder Bay	8,845	6,531	-26.2	4,549	1,982
Toronto/Buttonville Municipal	11,266	11,784	4.6	6,098	5,686
Toronto/City Centre	4,545	6,383	40.4	2,719	3,664
Toronto/Lester B Pearson International	34,469	34,760	0.8	34,760	0
Vancouver Harbour	4,660	4,780	2.6	4,756	24
Vancouver International	25,742	25,250	-1.9	25,238	12
Victoria International	13,325	10,631	-20.2	7,087	3,544
Whitehorse International	1,505	2,060	36.9	1,024	1,036
Windsor	3,124	2,320	-25.7	1,540	780
Winnipeg International	11,376	11,842	4.1	10,682	1,160
Winnipeg/St. Andrews	4,419	6,179	39.8	2,541	3,638
Yellowknife	4,881	4,521	-7.4	3,631	890
Total (42)	358,132	363,844	1.6	256,290	107,554

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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