



Aircraft movement statistics

Transport Canada

TP 1496

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Aircraft Movement Statistics February 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 297,621 aircraft take-offs and landings in February, down 6.9% compared with February 2005 (319,662 movements). Year-over-year decreases in aircraft movements were reported by 30 of the airports in February 2006. The variations ranged from 60.0% at Winnipeg/St. Andrews to -35.2% at Edmonton/Villeneuve.

Itinerant movements (flights from one airport to another) decreased by 6.0% (-13,671 movements) in February compared with the same month a year earlier. Local movements (flights that remain in the vicinity of the airport) decreased by 9.3% (-8,370 movements) in February compared with February 2005.

The top 10 airports in terms of volumes of itinerant movements in February showed year-over-year variations ranging from a 6.0% increase (+302 movements) at Québec/Jean Lesage International to a decline of 20.0% (-1,635 movements) at Victoria International. Of the top 10 airports, 2 recorded increases in itinerant movements compared with 4 airports in January 2006.

The top 10 airports in terms of local movements showed year-over-year variations ranging from a 71.7% increase (+1,702 movements) at Winnipeg/St Andrews to a decline of -33.0% (-2,027 movements) at Victoria International. Of the top 10 airports, 2 recorded increases in local movements compared with 6 airports in January 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 - February - Preliminary, Airports with NAV CANADA Towers

Airports	2005	2006	% change	2006	2006
	Total	Total	2006 / 2005	Itinerant	Local
Abbotsford	13,737	11,824	-13.9	5,022	6,802
Boundary Bay	14,681	13,894	-5.4	6,006	7,888
Calgary International	18,024	17,392	-3.5	17,188	204
Calgary/Springbank	10,733	8,860	-17.5	3,283	5,577
Chicoutimi/St-Honoré	2,750	2,420	-12.0	917	1,503
Edmonton City Centre	6,004	5,588	-6.9	4,756	832
Edmonton International	9,833	9,978	1.5	9,408	570
Edmonton/Villeneuve	6,239	4,045	-35.2	885	3,160
Gander International	2,476	2,715	9.7	1,683	1,032
Halifax International	6,200	5,891	-5.0	5,285	606
Hamilton	5,583	4,507	-19.3	2,862	1,645
Kelowna	5,536	4,653	-16.0	3,608	1,045
Kitchener/Waterloo	4,940	4,872	-1.4	2,242	2,630
Langley	6,883	4,839	-29.7	1,972	2,867
London	5,937	5,503	-7.3	3,079	2,424
Moncton/Greater Moncton International	5,560	4,976	-10.5	2,990	1,986
Montréal/Mirabel International	2,004	2,041	1.8	1,584	457
Montréal/Pierre Elliott Trudeau International	15,527	15,192	-2.2	15,192	0
Montréal/St-Hubert	9,020	6,385	-29.2	3,133	3,252
Oshawa	3,015	2,687	-10.9	1,218	1,469
Ottawa/Macdonald-Cartier International	10,627	9,769	-8.1	8,181	1,588
Pitt Meadows	8,622	8,077	-6.3	3,253	4,824
Prince George	3,426	3,466	1.2	2,084	1,382
Québec/Jean Lesage International	5,886	6,588	11.9	5,304	1,284
Regina International	3,982	3,364	-15.5	2,796	568
Saskatoon/John G Diefenbaker International	6,368	6,573	3.2	4,383	2,190
Sault Ste. Marie	3,079	3,418	11.0	1,754	1,664
St. John's International	3,754	2,906	-22.6	2,534	372
St-Jean	1,206	1,099	-8.9	547	552
Sudbury	3,042	2,172	-28.6	1,870	302
Thunder Bay	9,058	9,105	0.5	4,690	4,415
Toronto/Buttonville Municipal	7,434	8,628	16.1	4,169	4,459
Toronto/City Centre	3,740	3,952	5.7	2,002	1,950
Toronto/Lester B Pearson International	31,849	30,408	-4.5	30,408	0
Vancouver Harbour	3,905	3,793	-2.9	3,791	2
Vancouver International	22,965	21,900	-4.6	21,900	0
Victoria International	14,321	10,659	-25.6	6,540	4,119
Whitehorse International	1,221	1,523	24.7	969	554
Windsor	2,249	1,748	-22.3	1,322	426
Winnipeg International	10,328	10,041	-2.8	9,298	743
Winnipeg/St. Andrews	3,979	6,366	60.0	2,290	4,076
Yellowknife	3,939	3,804	-3.4	3,210	594
Total (42)	319,662	297,621	-6.9	215,608	82,013

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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