



Service bulletin

Aircraft Movement Statistics, Monthly



February 2007

Transport Canada, TP 1496, ASC-SB-338

Airports with NAV CANADA Air Traffic Control Towers

The 42 Canadian airports with NAV CANADA air traffic control towers reported 309,991 aircraft take-offs and landings in February, up 3.3% compared with February 2006 (300,182 movements). This marked the ninth consecutive increase in year-over-year monthly comparisons. Year-over-year increases in aircraft movements were reported by 25 of these airports in February 2007. The variations ranged from 72.8% for Moncton/Greater Moncton International to -26.6% for Thunder Bay.

Itinerant movements (flights from one airport to another) increased by 2.3% (+5,038 movements) in February 2007 compared with the same month a year earlier. Local movements (flights that remain in the vicinity of the airport) increased by 15.0% (+1,577 movements) in February 2007 compared with February 2006.

In terms of itinerant movements, the year-over-year variations for February ranged from a 62.3% increase (+1,874 movements) for Moncton/Greater Moncton International to a decline of 33.2% (-1,088 movements) for Pitt Meadows, British Columbia. Twenty-five airports recorded increases in itinerant movements compared to 29 airports in January 2007.

In terms of local movements, the year-over-year variations for February ranged from a 127.8% increase (+726 movements) for Regina International to a 57.0% decrease (-324 movements) for St-Jean, Québec. Eighteen airports recorded increases in local movements compared to 23 airports in January 2007.

The data in this bulletin represent preliminary monthly statistics for airports with NAV CANADA air traffic control towers.

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 more information, or to enquire about the concepts, methods or data quality of this release, contact Aviation Statistics Centre, Statistics Canada (1-866-500-8400; fax: 613-951-0010). Internet: aviationstatistics@statcan.ca.



Statistical table

Table 1

Aircraft movements by class of operation, airports with NAV CANADA towers, February 2007 ^P

	Total 2006	Total 2007	Percentage change 2007 to 2006	Itinerant	Local
	number	number	percent	number	number
Airports					
Abbotsford	11,953	15,261	27.7	5,575	9,686
Boundary Bay	14,087	11,898	-15.5	4,612	7,286
Calgary International	17,637	18,201	3.2	18,095	106
Calgary/Springbank	8,861	9,457	6.7	3,615	5,842
Chicoutimi/St-Honoré	2,420	2,001	-17.3	1,071	930
Edmonton City Centre	5,637	6,195	9.9	4,978	1,217
Edmonton International	10,093	10,373	2.8	9,974	399
Edmonton/Villeneuve	4,045	3,973	-1.8	929	3,044
Gander International	2,721	2,770	1.8	1,622	1,148
Halifax/Robert L. Stanfield International	5,929	6,056	2.1	5,512	544
Hamilton	4,533	4,417	-2.6	2,825	1,592
Kelowna	4,685	5,799	23.8	3,522	2,277
Kitchener/Waterloo	4,930	5,023	1.9	2,237	2,786
Langley	4,845	3,987	-17.7	1,841	2,146
London	5,617	5,580	-0.7	3,172	2,408
Moncton/Greater Moncton International	5,034	8,698	72.8	4,880	3,818
Montréal/Mirabel International	2,055	1,517	-26.2	1,231	286
Montréal/Pierre Elliott Trudeau International	15,314	16,569	8.2	16,569	0
Montréal/St-Hubert	6,398	8,466	32.3	3,912	4,554
Oshawa	2,692	3,543	31.6	1,555	1,988
Ottawa/Macdonald-Cartier International	9,838	10,957	11.4	8,752	2,205
Pitt Meadows	8,149	6,181	-24.2	2,193	3,988
Prince George	3,498	2,721	-22.2	1,831	890
Québec/Jean Lesage International	6,625	7,779	17.4	5,897	1,882
Regina International	3,385	4,329	27.9	3,035	1,294
Saskatoon/John G. Diefenbaker International	6,597	6,344	-3.8	4,238	2,106
Sault Ste. Marie	3,424	3,733	9.0	1,747	1,986
St. John's International	2,930	2,831	-3.4	2,655	176
St-Jean	1,117	842	-24.6	598	244
Sudbury	2,181	2,332	6.9	2,083	249
Thunder Bay	9,260	6,793	-26.6	4,227	2,566
Toronto/Buttonville Municipal	8,644	7,448	-13.8	3,974	3,474
Toronto/City Centre	3,961	4,776	20.6	2,624	2,152
Toronto/Lester B. Pearson International	30,693	31,368	2.2	31,368	0
Vancouver Harbour	3,836	3,637	-5.2	3,637	0
Vancouver International	22,202	22,287	0.4	22,287	0
Victoria International	10,729	11,775	9.7	6,090	5,685
Whitehorse International	1,532	1,340	-12.5	898	442
Windsor	1,764	2,241	27.0	1,363	878
Winnipeg/James Armstrong Richardson International	10,112	10,767	6.5	9,831	936
Winnipeg/St. Andrews	6,372	4,975	-21.9	2,107	2,868
Yellowknife	3,847	4,751	23.5	3,445	1,306
Total (42)	300,182	309,991	3.3	222,607	87,384

^P Preliminary

Data quality, concepts and methodology

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 file against which the airport category is checked; the reported runway is validated and the time difference between GMT and local is allocated.

Release date: March 2007

Symbols

The following standard symbols are used in Statistics Canada publications:

.	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 <i>Statistics Act</i>
E	use with caution
F	too unreliable to be published

Information to access the product

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