



Service bulletin

Aircraft Movement Statistics, Monthly



January 2007

Transport Canada, TP 1496, ASC-SB-337

Airports with NAV CANADA air traffic control towers

The 42 Canadian airports with NAV CANADA air traffic control towers reported 315,105 aircraft take-offs and landings in January, up 8.0% compared with January 2006 (291,797 movements). This marked the eighth consecutive increase in year-over-year monthly comparisons. Year-over-year increases in aircraft movements were reported by 28 of these airports in January 2007. The variations ranged from 99.6% for Moncton/Greater Moncton International to -47.1% for Chicoutimi/St-Honoré.

Itinerant movements (flights from one airport to another) increased by 5.6% (+12,377 movements) in January 2007 compared with the same month a year earlier. Local movements (flights that remain in the vicinity of the airport) increased by 15.2% (+10,931 movements) in January 2007 compared with January 2006.

In terms of itinerant movements, the year-over-year variations for January ranged from a 66.7% increase (+1,865 movements) for Moncton/Greater Moncton International to a decline of 28.4% (-188 movements) for Chicoutimi/St-Honoré. Twenty-nine airports recorded increases in itinerant movements compared to 34 airports in December 2006.

In terms of local movements, the year-over-year variations for January ranged from a 261.5% increase (+136 movements) for St. John's International to a 58.6% decrease (-632 movements) for Chicoutimi/St-Honoré. Twenty-three airports recorded increases in local movements compared to 27 airports in December 2006.

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, January 2007 ^p

	Total 2006	Total 2007	Percentage change 2007 to 2006	Itinerant	Local
	number	number	percent	number	number
Airports					
Abbotsford	10,521	13,317	26.6	4,626	8,691
Boundary Bay	10,099	7,691	-23.8	2,987	4,704
Calgary International	19,343	20,250	4.7	20,041	209
Calgary/Springbank	10,429	12,469	19.6	4,895	7,574
Chicoutimi/St-Honoré	1,741	921	-47.1	475	446
Edmonton City Centre	5,314	6,931	30.4	5,395	1,536
Edmonton International	10,691	11,216	4.9	10,898	318
Edmonton/Villeneuve	4,501	5,837	29.7	1,289	4,548
Gander International	1,963	2,359	20.2	1,663	696
Halifax International	6,208	6,489	4.5	5,775	714
Hamilton	5,105	4,304	-15.7	2,988	1,316
Kelowna	5,055	5,538	9.6	3,813	1,725
Kitchener/Waterloo	5,417	4,574	-15.6	2,214	2,360
Langley	4,020	3,809	-5.2	1,527	2,282
London	6,382	4,472	-29.9	2,926	1,546
Moncton/Greater Moncton International	3,911	7,806	99.6	4,660	3,146
Montréal/Mirabel International	2,215	1,981	-10.6	1,558	423
Montréal/Pierre Elliott Trudeau International	16,267	17,731	9.0	17,731	0
Montréal/St-Hubert	5,591	6,932	24.0	3,244	3,688
Oshawa	3,338	4,150	24.3	1,634	2,516
Ottawa/Macdonald-Cartier International	10,184	11,996	17.8	9,265	2,731
Pitt Meadows	4,735	3,962	-16.3	1,694	2,268
Prince George	2,265	2,290	1.1	1,958	332
Québec/Jean Lesage International	6,168	7,233	17.3	5,703	1,530
Regina International	3,512	4,837	37.7	3,388	1,449
Saskatoon/John G Diefenbaker International	5,686	7,074	24.4	4,718	2,356
Sault Ste. Marie	2,997	2,580	-13.9	1,598	982
St. John's International	2,860	2,951	3.2	2,763	188
St-Jean	916	648	-29.3	464	184
Sudbury	2,165	2,562	18.3	2,147	415
Thunder Bay	6,730	8,035	19.4	4,741	3,294
Toronto/Buttonville Municipal	9,250	6,987	-24.5	3,666	3,321
Toronto/City Centre	4,358	6,182	41.9	2,772	3,410
Toronto/Lester B Pearson International	33,168	34,723	4.7	34,723	0
Vancouver Harbour	3,286	3,212	-2.3	3,212	0
Vancouver International	23,497	23,533	0.2	23,533	0
Victoria International	9,054	9,619	6.2	5,879	3,740
Whitehorse International	1,144	1,037	-9.4	737	300
Windsor	2,625	2,222	-15.4	1,394	828
Winnipeg/James Armstrong Richardson International	10,257	11,878	15.8	10,812	1,066
Winnipeg/St. Andrews	4,672	7,280	55.8	2,734	4,546
Yellowknife	4,157	5,487	32.0	4,211	1,276
Total (42)	291,797	315,105	8.0	232,451	82,654

^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.

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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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