



Service bulletin

Aircraft Movement Statistics, Monthly



October 2007

Transport Canada, TP 1496, ASC-SB-346

Airports with NAV CANADA Air Traffic Control Towers

The 42 Canadian airports with NAV CANADA air traffic control towers reported 442,810 aircraft take-offs and landings in October, up 15.0% compared with October 2006 (385,200 movements). This marked the seventeenth consecutive increase in year-over-year monthly comparisons. Year-over-year increases in aircraft movements were reported by 35 of these airports in October 2007. The variations ranged from 74.0% for Gander International to -9.8% for St-Jean, Quebec.

Itinerant movements (flights from one airport to another) increased by 8.3% (+22,563 movements) in October 2007 compared with the same month a year earlier. Local movements (flights that remain in the vicinity of the airport) increased by 30.6% (+35,047 movements) in October 2007 compared with October 2006.

In terms of itinerant movements, the year-over-year variations for October ranged from a 50.0% increase (+793 movements) for Oshawa to a decline of 10.2% (-368 movements) for Pitt Meadows, British Columbia. Thirty-four airports recorded increases in itinerant movements compared to 29 airports in September 2007.

In terms of local movements, the year-over-year variations for October ranged from a 112.4% increase (+1,882 movements) for Gander International to a 37.5% decrease (-638 movements) for Regina International. Twenty-nine airports recorded increases in local movements compared to 28 airports in September 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: NAV CANADA Towers and Flight Service Stations*, Vol. 1, (51-007-XWE, free).

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, October 2007 ^p

	Total 2006	Total 2007	Percentage change 2007 to 2006	Itinerant	Local
	number		percent	number	
Airports					
Abbotsford	15,522	15,104	-2.7	6,074	9,030
Boundary Bay	17,240	17,252	0.1	6,864	10,388
Calgary International	20,699	21,895	5.8	21,565	330
Calgary/Springbank	11,809	18,733	58.6	7,289	11,444
Chicoutimi/St-Honoré	6,464	8,371	29.5	2,327	6,044
Edmonton City Centre	6,815	8,937	31.1	6,341	2,596
Edmonton International	10,649	11,411	7.2	10,712	699
Edmonton/Villeneuve	4,488	7,592	69.2	1,778	5,814
Gander International	3,957	6,885	74.0	3,329	3,556
Halifax/Robert L. Stanfield International	7,130	7,792	9.3	6,918	874
Hamilton	6,087	5,871	-3.5	3,773	2,098
Kelowna	7,277	7,930	9.0	4,642	3,288
Kitchener/Waterloo	7,761	10,477	35.0	4,348	6,129
Langley	6,639	10,477	57.8	3,755	6,722
London	7,375	9,063	22.9	4,933	4,130
Moncton/Greater Moncton International	9,035	10,958	21.3	5,626	5,332
Montréal/Mirabel International	2,179	2,566	17.8	1,882	684
Montréal/Pierre Elliott Trudeau International	18,625	19,349	3.9	19,349	0
Montréal/St-Hubert	12,020	15,519	29.1	6,925	8,594
Oshawa	4,072	5,805	42.6	2,379	3,426
Ottawa/Macdonald-Cartier International	12,835	15,700	22.3	11,498	4,202
Pitt Meadows	9,726	8,881	-8.7	3,224	5,657
Prince George	3,554	4,120	15.9	2,426	1,694
Québec/Jean Lesage International	9,437	11,517	22.0	8,465	3,052
Regina International	5,425	4,933	-9.1	3,871	1,062
Saskatoon/John G. Diefenbaker International	9,203	10,305	12.0	5,981	4,324
Sault Ste. Marie	4,156	4,732	13.9	2,182	2,550
St. John's International	3,595	3,464	-3.6	3,282	182
St-Jean	3,063	2,762	-9.8	2,092	670
Sudbury	2,819	2,772	-1.7	2,382	390
Thunder Bay	9,939	10,234	3.0	5,654	4,580
Toronto/Buttonville Municipal	11,677	15,260	30.7	7,294	7,966
Toronto/City Centre	5,464	7,252	32.7	3,951	3,301
Toronto/Lester B. Pearson International	35,808	36,314	1.4	36,314	0
Vancouver Harbour	5,266	5,291	0.5	5,291	0
Vancouver International	26,449	27,017	2.1	26,975	42
Victoria International	12,304	15,163	23.2	8,328	6,835
Whitehorse International	1,580	1,628	3.0	1,238	390
Windsor	2,170	3,071	41.5	1,917	1,154
Winnipeg/James Armstrong Richardson International	11,714	13,025	11.2	12,006	1,019
Winnipeg/St. Andrews	8,097	12,211	50.8	3,907	8,304
Yellowknife	5,076	5,171	1.9	4,261	910
Total (42)	385,200	442,810	15.0	293,348	149,462

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: November 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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