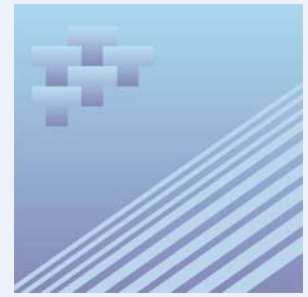




Service bulletin

Aircraft Movement Statistics, Monthly



December 2007

Transport Canada, TP 1496, ASC-SB-348

Airports with NAV CANADA Air Traffic Control Towers

The 42 Canadian airports with NAV CANADA air traffic control towers reported 300,114 aircraft take-offs and landings in December, down 4.4% compared with December 2006 (314,045 movements). This marked the first decrease in year-over-year monthly comparisons in eighteen months. Three quarters of the airports reported decreases in aircraft movements in December 2007. The year-over-year monthly variations ranged from 102.5% for Gander International to -46.4% for Oshawa, Ontario.

Itinerant movements (flights from one airport to another) decreased by 3.5% (-7,934 movements) in December 2007 compared with the same month a year earlier. Local movements (flights that remain in the vicinity of the airport) decreased by 7.0% (-5,997 movements) in December 2007 compared with December 2006.

In terms of itinerant movements, the year-over-year variations for December ranged from a 30.9% increase (+448 movements) for Gander International to a decline of 49.6% (-978 movements) for Oshawa. Twenty-nine airports recorded year-over-year decreases in itinerant movements in December 2007 compared to 12 airports in November 2007.

In terms of local movements, the year-over-year variations for December ranged from a 456.5% increase (+1,342 movements) for Gander International to a 58.5% decrease (-332 movements) for Edmonton International. Twenty-five airports recorded year-over-year decreases in local movements in December 2007 compared to 15 airports in November 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, December 2007 ^p

	Total 2006	Total 2007	Percentage change 2007 to 2006	Itinerant	Local
	number		percent	number	
Airports					
Abbotsford	10,799	7,825	-27.5	3,379	4,446
Boundary Bay	9,371	7,795	-16.8	3,067	4,728
Calgary International	19,776	19,619	-0.8	19,437	182
Calgary/Springbank	15,048	15,954	6.0	5,426	10,528
Chicoutimi/St-Honoré	2,112	1,837	-13.0	595	1,242
Edmonton City Centre	6,309	5,474	-13.2	4,374	1,100
Edmonton International	10,699	10,296	-3.8	10,060	236
Edmonton/Villeneuve	4,552	3,963	-12.9	931	3,032
Gander International	1,746	3,536	102.5	1,900	1,636
Halifax/Robert L. Stanfield International	6,607	6,715	1.6	6,233	482
Hamilton	5,156	4,312	-16.4	2,950	1,362
Kelowna	4,635	4,453	-3.9	3,404	1,049
Kitchener/Waterloo	5,302	5,171	-2.5	2,119	3,052
Langley	3,905	4,736	21.3	1,647	3,089
London	5,483	6,650	21.3	3,164	3,486
Moncton/Greater Moncton International	8,013	7,565	-5.6	4,548	3,017
Montréal/Mirabel International	2,188	1,885	-13.8	1,421	464
Montréal/Pierre Elliott Trudeau International	16,905	16,590	-1.9	16,590	0
Montréal/St-Hubert	7,548	6,582	-12.8	2,898	3,684
Oshawa	4,713	2,527	-46.4	995	1,532
Ottawa/Macdonald-Cartier International	11,448	10,411	-9.1	8,801	1,610
Pitt Meadows	4,527	4,441	-1.9	1,641	2,800
Prince George	2,557	2,979	16.5	1,871	1,108
Québec/Jean Lesage International	7,610	7,555	-0.7	5,491	2,064
Regina International	4,898	3,733	-23.8	2,933	800
Saskatoon/John G. Diefenbaker International	7,009	6,235	-11.0	4,238	1,997
Sault Ste. Marie	1,716	1,973	15.0	1,347	626
St. John's International	3,152	2,869	-9.0	2,703	166
St-Jean	1,075	630	-41.4	434	196
Sudbury	2,614	2,243	-14.2	1,855	388
Thunder Bay	4,865	4,732	-2.7	3,874	858
Toronto/Buttonville Municipal	7,262	7,012	-3.4	3,106	3,906
Toronto/City Centre	5,704	4,055	-28.9	2,099	1,956
Toronto/Lester B. Pearson International	33,767	33,639	-0.4	33,639	0
Vancouver Harbour	2,810	2,943	4.7	2,941	2
Vancouver International	24,315	24,591	1.1	24,591	0
Victoria International	10,249	9,484	-7.5	5,729	3,755
Whitehorse International	1,473	1,157	-21.5	853	304
Windsor	2,238	2,654	18.6	1,404	1,250
Winnipeg/James Armstrong Richardson International	11,223	10,973	-2.2	10,329	644
Winnipeg/St. Andrews	7,020	6,696	-4.6	2,082	4,614
Yellowknife	5,646	5,624	-0.4	3,716	1,908
Total (42)	314,045	300,114	-4.4	220,815	79,299

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: January 2008

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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Frequency: Monthly / ISSN 1704-1937

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