



## Service bulletin

# Aircraft Movement Statistics, Monthly

March 2007



Transport Canada, TP 1496, ASC-SB-339

### Airports with NAV CANADA Air Traffic Control Towers

The 42 Canadian airports with NAV CANADA air traffic control towers reported 379,141 aircraft take-offs and landings in March, up 3.4% compared with March 2006 (366,577 movements). This marked the tenth consecutive increase in year-over-year monthly comparisons. Year-over-year increases in aircraft movements were reported by 22 of these airports in March 2007. The variations ranged from 88.8% for Moncton/Greater Moncton International to -40.9% for Chicoutimi/St-Honoré.

Itinerant movements (flights from one airport to another) decreased by 0.4% (-1,022 movements) in March 2007 compared with the same month a year earlier. Local movements (flights that remain in the vicinity of the airport) increased by 12.6 % (+13,586 movements) in March 2007 compared with March 2006.

In terms of itinerant movements, the year-over-year variations for March ranged from a 49.9% increase (+1,852 movements) for Moncton/Greater Moncton International to a decline of 45.4% (-1,512 movements) for Pitt Meadows, British Columbia. Nineteen airports recorded increases in itinerant movements compared to 25 airports in February 2007.

In terms of local movements, the year-over-year variations for March ranged from a 153.3% increase (+1,196 movements) for Windsor to a 75.0% decrease (-18 movements) for Vancouver Harbour. Montréal/Mirabel International (-52.9%) and Whitehorse International (-48.9%) also showed sizable decreases in March 2007 compared to March 2006. Twenty one airports recorded increases in local movements compared to 18 airports in February 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). Statistics for airports without air traffic control towers will appear in TP 141 – Volume 2. Upon release, the TP141 report is 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](mailto:aviationstatistics@statcan.ca).



## Statistical table

Table 1

Aircraft movements by class of operation, airports with NAV CANADA towers, March 2007 <sup>p</sup>

	Total 2006	Total 2007	Percentage change 2007 to 2006	Itinerant	Local
	number	number	percent	number	number
<b>Airports</b>					
Abbotsford	14,763	15,562	5.4	5,492	10,070
Boundary Bay	16,853	15,833	-6.1	5,669	10,164
Calgary International	19,775	20,037	1.3	19,836	201
Calgary/Springbank	12,246	16,815	37.3	5,806	11,009
Chicoutimi/St-Honoré	7,559	4,464	-40.9	1,459	3,005
Edmonton City Centre	6,408	7,329	14.4	5,873	1,456
Edmonton International	11,080	10,817	-2.4	10,345	472
Edmonton/Villeneuve	5,326	7,195	35.1	1,593	5,602
Gander International	1,908	2,286	19.8	1,680	606
Halifax/Robert L. Stanfield International	7,301	6,885	-5.7	6,245	640
Hamilton	6,394	5,461	-14.6	3,362	2,099
Kelowna	6,201	8,037	29.6	4,579	3,458
Kitchener/Waterloo	8,611	6,830	-20.7	3,236	3,594
Langley	5,695	5,335	-6.3	2,170	3,165
London	8,675	7,480	-13.8	4,422	3,058
Moncton/Greater Moncton International	5,974	11,281	88.8	5,565	5,716
Montréal/Mirabel International	3,176	1,965	-38.1	1,547	418
Montréal/Pierre Elliott Trudeau International	17,946	18,334	2.2	18,334	0
Montréal/St-Hubert	11,880	11,744	-1.1	5,075	6,669
Oshawa	5,313	5,861	10.3	2,269	3,592
Ottawa/Macdonald-Cartier International	12,564	11,662	-7.2	9,292	2,370
Pitt Meadows	7,638	5,050	-33.9	1,818	3,232
Prince George	3,200	3,238	1.2	2,100	1,138
Québec/Jean Lesage International	9,581	8,670	-9.5	6,576	2,094
Regina International	4,636	5,041	8.7	3,511	1,530
Saskatoon/John G. Diefenbaker International	7,241	9,142	26.3	5,458	3,684
Sault Ste. Marie	2,981	5,006	67.9	2,180	2,826
St. John's International	3,193	3,144	-1.5	3,000	144
St-Jean	1,704	1,614	-5.3	980	634
Sudbury	2,681	3,141	17.2	2,374	767
Thunder Bay	6,549	7,353	12.3	4,529	2,824
Toronto/Buttonville Municipal	11,787	12,649	7.3	5,985	6,664
Toronto/City Centre	6,385	6,377	-0.1	3,118	3,259
Toronto/Lester B. Pearson International	35,039	34,129	-2.6	34,129	0
Vancouver Harbour	4,839	4,847	0.2	4,841	6
Vancouver International	25,573	24,921	-2.5	24,921	0
Victoria International	10,763	13,050	21.2	7,161	5,889
Whitehorse International	2,094	1,697	-19.0	1,161	536
Windsor	2,326	4,036	73.5	2,060	1,976
Winnipeg/James Armstrong Richardson International	11,946	11,565	-3.2	10,672	893
Winnipeg/St. Andrews	6,204	7,624	22.9	3,008	4,616
Yellowknife	4,569	5,634	23.3	3,930	1,704
<b>Total (42)</b>	<b>366,577</b>	<b>379,141</b>	<b>3.4</b>	<b>257,361</b>	<b>121,780</b>

<sup>p</sup> 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: April 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 <sup>s</sup>	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

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