



Service bulletin

Aircraft Movement Statistics, Annual

2006



Transport Canada TP 1496, ASC-SB-336

Airports with NAV CANADA air traffic control towers

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

The 42 Canadian airports with NAV CANADA air traffic control towers reported 4.47 million aircraft take-offs and landings in 2006, up 2.9% compared to 2005 (4.35 million). This marks the first increase in total aircraft movements recorded at the towered airports in six years; movements have shown a declining trend since the last peak in 1999 (5.3 million).

Aircraft movements were up at 25 airports in 2006 compared with 2005. Winnipeg/St. Andrews (+42.5%) and Moncton/Greater Moncton International (+20.7%) showed the largest year-over-year gains in aircraft movements, each posting increases of more than 10,000 movements. Sudbury (-15.4%) and Windsor (-14.3%) showed the largest year-over-year declines.

Overall, itinerant movements were up by 63,267 movements (+2.0%) in 2006, the third consecutive year. The year-over-year variations ranged from an increase of 35.2% for Winnipeg/St. Andrews to a decline of 10.0% for Edmonton/Villeneuve. Twenty-three airports recorded increases in itinerant movements in 2006.

Local movements also increased (5.1%) following four years of declines. The year-over-year comparisons ranged from an increase of 78.4% for Edmonton City Centre to a decline of 87.1% for Vancouver Harbour. Twenty-one airports recorded increases compared to 2005.

More detailed statistics for airports with NAV CANADA air traffic control towers and flight service stations will be released in the Aircraft Movement Statistics annual report (TP577). Upon release, the TP577 report is available (free) on-line at <http://www.tc.gc.ca/pol/en/Report/tp577e/tp577.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, 2006 p

	Total 2005	Total 2006	Percentage change 2006 to 2005	Itinerant	Local
	number	number	percent	number	
Airports					
Abbotsford	153,217	159,814	4.3	65,167	94,647
Boundary Bay	187,939	185,716	-1.2	73,153	112,563
Calgary International	233,129	242,658	4.1	239,323	3,335
Calgary/Springbank	134,581	149,285	10.9	57,412	91,873
Chicoutimi/St-Honoré	74,108	72,632	-2.0	25,313	47,319
Edmonton City Centre	78,988	82,571	4.5	66,507	16,064
Edmonton International	115,840	124,910	7.8	118,122	6,788
Edmonton/Villeneuve	64,323	57,876	-10.0	17,280	40,596
Gander International	35,598	36,751	3.2	25,307	11,444
Halifax International	86,393	86,087	-0.4	77,127	8,960
Hamilton	74,223	74,324	0.1	45,394	28,930
Kelowna	71,519	75,381	5.4	51,970	23,411
Kitchener/Waterloo	100,791	100,148	-0.6	45,971	54,177
Langley	79,810	70,063	-12.2	28,956	41,107
London	92,388	93,107	0.8	56,006	37,101
Moncton/Greater Moncton International	64,515	77,882	20.7	47,753	30,129
Montréal/Mirabel International	31,505	29,706	-5.7	21,925	7,781
Montréal/Pierre Elliott Trudeau International	208,329	213,403	2.4	213,403	0
Montréal/St-Hubert	128,881	138,937	7.8	64,014	74,923
Oshawa	59,418	65,444	10.1	28,535	36,909
Ottawa/Macdonald-Cartier International	149,321	145,395	-2.6	112,937	32,458
Pitt Meadows	100,098	97,408	-2.7	40,348	57,060
Prince George	43,492	40,743	-6.3	28,864	11,879
Québec/Jean Lesage International	101,367	109,021	7.6	82,427	26,594
Regina International	52,221	57,993	11.1	42,508	15,485
Saskatoon/John G Diefenbaker International	81,629	87,108	6.7	59,258	27,850
Sault Ste. Marie	54,512	50,353	-7.6	25,621	24,732
St-Jean	35,615	37,834	6.2	29,403	8,431
St. John's International	44,103	43,334	-1.7	39,215	4,119
Sudbury	42,214	35,701	-15.4	29,543	6,158
Thunder Bay	91,935	100,145	8.9	62,849	37,296
Toronto/Butterville Municipal	147,705	146,771	-0.6	75,669	71,102
Toronto/City Centre	67,916	77,581	14.2	37,167	40,414
Toronto/Lester B Pearson International	411,609	417,183	1.4	417,183	0
Vancouver Harbour	58,189	62,186	6.9	62,136	50
Vancouver International	322,986	322,307	-0.2	322,295	12
Victoria International	150,634	145,140	-3.6	93,006	52,134
Whitehorse International	23,385	27,520	17.7	17,605	9,915
Windsor	33,470	28,698	-14.3	19,046	9,652
Winnipeg International	136,936	143,060	4.5	130,345	12,715
Winnipeg/St. Andrews	67,411	96,070	42.5	36,994	59,076
Yellowknife	56,342	65,943	17.0	54,144	11,799
Total (42)	4,348,585	4,474,189	2.9	3,187,201	1,286,988

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 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 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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