Aircraft movement statistics

Transport Canada   **TP 1496**

ASC-SB-330

Aircraft Movement Statistics July 2006 (Preliminary)

Airports with NAV CANADA Air Traffic Control Towers

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

The 42 Canadian airports with NAV CANADA air traffic control towers reported 438,663 aircraft take-offs and landings in July, up 2.5% compared with July 2005 (427,859 movements). Year-over-year increases in aircraft movements were reported by 31 of the airports in July 2006. The variations ranged from 33.3% for Winnipeg/St. Andrews to -20.9% for Windsor.

Itinerant movements (flights from one airport to another) increased by 1.2% (+3,696 movements) in July 2006 compared with the same month a year earlier. Local movements (flights that remain in the vicinity of the airport) increased by 6.0% (+7,108 movements) in July 2006 compared with July 2005.

In terms of itinerant movements, the year-over-year variations for July ranged from a 28.3% increase (+980 movements) for Winnipeg/St. Andrews to a decline of -16.9% (-340 movements) for Windsor. Twenty-five airports recorded increases in itinerant movements compared with 28 airports in June 2006.

In terms of local movements, the year-over-year variations for July ranged from a 95.9% increase (+745 movements) for Edmonton City Centre to a -100.0% decrease (-38 movements) for Vancouver Harbour. Twenty-nine airports recorded increases in local movements compared with 21 airports in June 2006.
August 2006

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 further information concerning this bulletin, please contact Aviation Statistics Centre, Statistics Canada (1-866-500-8400). Internet: *aviationstatistics@statcan.ca*

August 2006

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Aircraft Movements by Class of Operation - July - Preliminary, Airports with NAV CANADA Towers

Airports	2005 Total	2006 Total	% change 2006 / 2005	2006 Itinerant	2006 Local
Abbotsford	11,415	12,703	11.3	5,671	7,032
Boundary Bay	20,637	17,825	-13.6	7,513	10,312
Calgary International	20,742	21,710	4.7	21,465	245
Calgary/Springbank	14,228	14,630	2.8	5,819	8,811
Chicoutimi/St-Honoré	7,239	7,350	1.5	2,568	4,782
Edmonton City Centre	6,607	7,587	14.8	6,065	1,522
Edmonton International	9,357	10,222	9.2	9,866	356
Edmonton/Villeneuve	4,302	4,337	0.8	1,279	3,058
Gander International	4,503	4,533	0.7	2,695	1,838
Halifax International	7,931	7,915	-0.2	7,313	602
Hamilton	6,849	7,207	5.2	4,199	3,008
Kelowna	7,267	7,775	7.0	5,049	2,726
Kitchener/Waterloo	13,645	12,777	-6.4	5,221	7,556
Langley	7,599	6,952	-8.5	3,276	3,676
London	9,421	9,869	4.8	6,193	3,676
Moncton/Greater Moncton International	6,261	6,459	3.2	4,308	2,151
Montréal/Mirabel International	2,727	2,799	2.6	2,009	790
Montréal/Pierre Elliott Trudeau International	18,472	18,654	1.0	18,654	0
Montréal/St-Hubert	15,562	16,639	6.9	6,906	9,733
Oshawa	7,457	9,088	21.9	3,554	5,534
Ottawa/Macdonald-Cartier International	12,855	12,475	-3.0	9,542	2,933
Pitt Meadows	9,581	10,077	5.2	4,389	5,688
Prince George	3,504	3,736	6.6	3,236	500
Québec/Jean Lesage International	10,417	10,129	-2.8	7,577	2,552
Regina International	4,633	5,492	18.5	3,884	1,608
Saskatoon/John G Diefenbaker International	7,425	7,473	0.6	5,229	2,244
Sault Ste. Marie	3,955	4,322	9.3	2,694	1,628
St. John's International	3,948	4,390	11.2	3,850	540
St-Jean	10,306	10,663	3.5	9,859	804
Sudbury	4,210	3,514	-16.5	3,176	338
Thunder Bay	8,316	8,418	1.2	5,765	2,653
Toronto/Buttonville Municipal	15,896	14,276	-10.2	7,648	6,628
Toronto/City Centre	7,732	9,412	21.7	4,364	5,048
Toronto/Lester B Pearson International	35,992	36,812	2.3	36,812	0
Vancouver Harbour	6,548	6,770	3.4	6,770	0
Vancouver International	32,422	32,315	-0.3	32,315	0
Victoria International	14,380	14,055	-2.3	9,641	4,414
Whitehorse International	2,869	3,044	6.1	2,282	762
Windsor	3,292	2,603	-20.9	1,666	937
Winnipeg International	12,772	12,929	1.2	11,739	1,190
Winnipeg/St. Andrews	9,146	12,192	33.3	4,448	7,744
Yellowknife	5,439	6,535	20.2	5,779	756
Total (42)	**427,859**	**438,663**	**2.5**	**312,288**	**126,375**

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 Environmental file against which the airport category is checked; the reported runway is validated and the time difference between GMT and local is allocated.

Symbols

  . 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 *Statistics Act*

 [E] use with caution

 F too unreliable to be published

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