Aircraft movement statistics

Transport Canada   **TP 1496**

ASC-SB-314

Aircraft Movement Statistics April 2005 (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 374,904 aircraft take-offs and landings in April, down 0.9% compared with April 2004 (378,121 movements). Year-over-year decreases in aircraft movements were reported by 22 airports in April 2005. Declines of greater than 20% were reported by 2 airports this month compared with 5 airports in March 2005.

Itinerant movements (flights from one airport to another) decreased by 1.1% (-2,924 movements) in April compared with the same month a year earlier. Local movements (flights that remain in the vicinity of the airport) decreased by 0.3% (-293 movements) in April compared with April 2004.

The top 10 airports in terms of volumes of itinerant movements in April showed year-over-year variations ranging from a 5.1% increase (+897 movements) at Calgary International to a decline of 10.2% (-935 movements) at Victoria International. Of the top 10 airports, 4 recorded increases in itinerant movements compared with 5 airports in March 2005.

The top 10 airports in terms of local movements showed year-over-year variations ranging from a 140.8% increase (+3,134 movements) at Sault Ste Marie to a decline of 16.5% (-1,045 movements) at Montréal/St-Hubert. Of the top 10 airports, 8 recorded increases in local movements compared with 4 airports in March 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 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*

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Statistics Canada / Statistique Canada
Transport Canada / Transports Canada

Canada

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

Airports	2004 Total	2005 Total	% change 2005 / 2004	2005 Itinerant	2005 Local
Abbotsford	15,600	15,776	1.1	6,664	9,112
Boundary Bay	15,851	16,178	2.1	6,506	9,672
Calgary International	18,091	18,793	3.9	18,356	437
Calgary/Springbank	12,971	13,914	7.3	5,269	8,645
Chicoutimi/St-Honoré	6,094	6,348	4.2	2,348	4,000
Edmonton City Centre	6,889	7,044	2.2	6,208	836
Edmonton International	9,496	9,246	-2.6	8,024	1,222
Edmonton/Villeneuve	5,184	7,496	44.6	2,102	5,394
Gander International	2,668	2,689	0.8	1,865	824
Halifax International	7,437	7,099	-4.5	6,365	734
Hamilton	7,067	6,492	-8.1	3,512	2,980
Kelowna	7,194	6,056	-15.8	4,178	1,878
Langley	7,920	7,501	-5.3	2,843	4,658
London	9,037	7,778	-13.9	4,765	3,013
Moncton/Greater Moncton International	4,847	5,522	13.9	3,673	1,849
Montréal/Mirabel International	3,284	2,780	-15.3	2,189	591
Montréal/Pierre Elliott Trudeau International	16,835	16,132	-4.2	16,132	0
Montréal/St-Hubert	13,185	11,504	-12.7	6,227	5,277
Oshawa	5,984	5,870	-1.9	2,522	3,348
Ottawa/Macdonald-Cartier International	12,217	12,537	2.6	9,773	2,764
Pitt Meadows	9,879	10,053	1.8	4,181	5,872
Prince George	3,471	3,517	1.3	2,416	1,101
Québec/Jean Lesage International	9,389	9,463	0.8	6,782	2,681
Regina International	4,436	4,566	2.9	3,382	1,184
Saskatoon/JG Diefenbaker	7,296	6,544	-10.3	4,273	2,271
Sault Ste. Marie	4,218	8,059	91.1	2,699	5,360
St. John's	3,992	3,618	-9.4	3,216	402
St-Jean	1,460	1,443	-1.2	1,063	380
Sudbury	3,216	4,413	37.2	2,609	1,804
Thunder Bay	11,073	8,290	-25.1	4,974	3,316
Toronto/Buttonville Municipal	11,849	12,388	4.5	6,744	5,644
Toronto/City Centre	5,307	5,674	6.9	2,766	2,908
Toronto/LB Pearson International	32,705	32,673	-0.1	32,673	0
Vancouver Harbour	5,220	5,091	-2.5	5,065	26
Vancouver International	24,841	25,664	3.3	25,664	0
Victoria International	14,274	12,701	-11.0	8,257	4,444
Waterloo Regional	7,936	8,443	6.4	4,088	4,355
Whitehorse	2,737	2,219	-18.9	1,173	1,046
Windsor	2,854	2,763	-3.2	1,711	1,052
Winnipeg International	11,934	11,258	-5.7	10,406	852
Winnipeg/St. Andrews	6,715	4,293	-36.1	1,889	2,404
Yellowknife	5,468	5,016	-8.3	3,912	1,104
Total (42)	**378,121**	**374,904**	**-0.9**	**259,464**	**115,440**

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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