Aircraft movement statistics

ASC-SB-308

Aircraft Movement Statistics November 2004 (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 349,707 take-offs and landings in November, down 0.1% compared with November 2003 (350,045) and the ninth consecutive decrease in year-over-year comparisons of monthly movements. Year-over-year decreases in aircraft movements were reported by 23 airports in November 2004 compared with November 2003. Declines of greater than 20% were reported by 6 airports this month compared with 11 airports in October.

Itinerant movements (flights from one airport to another) increased by 2.3% (+5,378 movements) in November 2004 compared with November 2003, following two months of decline. Local movements (flights that remain in the vicinity of the airport) declined by 4.9% (-5,716 movements) in November 2004, the ninth consecutive month of decline.

The top 10 airports in terms of volumes of itinerant movements in November showed year-over-year variations ranging from a 17.0% increase (+948 movements) at Toronto/Buttonville Municipal to a decline of 4.5% (-309 movements) at Montréal/St-Hubert. Of the top 10 airports, 8 recorded increases in itinerant movements compared with 5 airports in October 2004.

The top 10 airports in terms of local movements showed year-over-year variations ranging from a 29.9% increase (+1,587 movements) at Toronto/Buttonville Municipal to a decline of 18.4% (-1,146 movements) at Edmonton/ Villeneuve. Of the top 10 airports, 6 recorded decreases in local movements compared with 4 airports in October 2004.

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*

December 2004

Statistics Canada   Statistique Canada
Transport Canada   Transports Canada

Canada

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

Airports	2003 Total	2004 Total	% change 2004 / 2003	2004 Itinerant	2004 Local
Abbotsford	14,459	12,125	-16.1	4,517	7,608
Boundary Bay	14,614	12,241	-16.2	4,513	7,728
Calgary International	16,559	17,634	6.5	17,252	382
Calgary/Springbank	10,202	10,678	4.7	4,374	6,304
Chicoutimi/St-Honoré	5,836	4,571	-21.7	1,557	3,014
Edmonton City Centre	6,762	6,091	-9.9	5,571	520
Edmonton International	9,101	9,025	-0.8	8,128	897
Edmonton/Villeneuve	7,784	6,585	-15.4	1,519	5,066
Gander International	2,736	2,478	-9.4	1,660	818
Halifax International	6,619	6,463	-2.4	5,957	506
Hamilton	6,953	6,866	-1.3	3,656	3,210
Kelowna	6,063	5,549	-8.5	3,563	1,986
Langley	5,475	5,826	6.4	1,990	3,836
London	9,087	7,802	-14.1	4,510	3,292
Moncton/Greater Moncton International	4,570	5,094	11.5	3,536	1,558
Montréal/Mirabel International	3,267	2,487	-23.9	1,924	563
Montréal/Pierre Elliott Trudeau International	16,550	16,331	-1.3	16,331	0
Montréal/St-Hubert	14,247	12,852	-9.8	6,514	6,338
Oshawa	4,467	5,203	16.5	2,493	2,710
Ottawa/Macdonald-Cartier International	12,465	13,008	4.4	10,170	2,838
Pitt Meadows	6,998	5,579	-20.3	2,310	3,269
Prince George	3,803	4,603	21.0	2,273	2,330
Québec/Jean Lesage International	8,709	9,318	7.0	6,886	2,432
Regina International	4,050	4,288	5.9	3,022	1,266
Saskatoon/JG Diefenbaker	6,258	7,578	21.1	4,465	3,113
Sault Ste. Marie	3,357	4,931	46.9	2,153	2,778
St. John's	4,782	4,283	-10.4	3,345	938
St-Jean	1,981	1,202	-39.3	908	294
Sudbury	3,694	2,631	-28.8	2,199	432
Thunder Bay	12,046	13,093	8.7	5,677	7,416
Toronto/Buttonville Municipal	10,887	13,422	23.3	6,529	6,893
Toronto/City Centre	5,835	5,355	-8.2	2,629	2,726
Toronto/LB Pearson International	29,831	32,844	10.1	32,844	0
Vancouver Harbour	4,501	2,564	-43.0	2,548	16
Vancouver International	21,156	23,649	11.8	23,649	0
Victoria International	11,855	10,469	-11.7	6,133	4,336
Waterloo Regional	7,169	8,357	16.6	4,133	4,224
Whitehorse	845	1,159	37.2	715	444
Windsor	2,775	2,756	-0.7	1,544	1,212
Winnipeg International	12,085	11,172	-7.6	10,280	892
Winnipeg/St. Andrews	6,170	6,426	4.1	2,534	3,892
Yellowknife	3,442	5,119	48.7	3,437	1,682
Total (42)	**350,045**	**349,707**	**-0.1**	**239,948**	**109,759**

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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