Aircraft movements statistics

Transport Canada   **TP 1496**

ASCSB296

Aircraft Movement Statistics December 2003 (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.

In December, the 42 Canadian airports with NAV CANADA air traffic control towers reported 297,297 take-offs and landings, a decrease of 1.3% compared to December 2002 (301,364). This marks the ninth consecutive decline in year-over-year comparisons of monthly movements. Twenty-one airports showed year-over-year decreases in aircraft movements for December compared to 26 airports in November 2003. Six airports showed decreases greater than 20% this month, the same number of airports as recorded in November.

Itinerant movements (flights from one airport to another) rose by 1.2% (up 2,646 movements) in December 2003 compared to December 2002. This represents the first increase since March 2003. Local movements (flights that remain in the vicinity of the airport) dropped by 7.7% (down 6,713 movements) in December 2003 marking the ninth consecutive month.

The top ten airports in terms of volumes of itinerant movements in December showed year-over-year variations ranging from 18.0% (982 movements) at Victoria Intl to -13.3% (-828 movements) at Edmonton City Centre. Five of the top ten airports recorded decreases in itinerant movements compared to December 2002, compared to six airports in November 2003.

The top ten airports in terms of local movements showed year-over-year variations ranging from 79.8% (2,188 movements) at Toronto/Buttonville Municipal to -25.3% (-1,154 movements) at Langley. Five of the top ten airports recorded decreases in local movements compared to December 2002.

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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Aircraft Movement by Class of Operation - December - Preliminary, Airports with NAV CANADA Towers

Airports	2002 Total	2003 Total	% change 2003 / 2002	2003 Itinerant	2003 Local
Abbotsford	9,856	9,381	-4.8	4,209	5,172
Boundary Bay	9,282	10,028	8.0	3,615	6,413
Calgary International	17,868	17,191	-3.8	16,851	340
Calgary/Springbank	10,827	10,651	-1.6	4,471	6,180
Chicoutimi/St-Honoré	2,454	2,888	17.7	956	1,932
Edmonton City Centre	7,485	5,865	-21.6	5,405	460
Edmonton International	9,231	10,017	8.5	8,139	1,878
Edmonton/Villeneuve	5,748	4,775	-16.9	1,233	3,542
Gander International	1,940	2,034	4.8	1,496	538
Halifax International	6,228	6,629	6.4	6,034	595
Hamilton	5,451	6,867	26.0	4,311	2,556
Kelowna	6,137	4,521	-26.3	3,095	1,426
Langley	5,963	5,017	-15.9	1,607	3,410
London	7,198	7,686	6.8	3,777	3,909
Moncton/Greater Moncton Intl	4,343	3,230	-25.6	2,420	810
Montréal/Dorval International	15,321	15,977	4.3	15,977	0
Montréal/Mirabel International	3,075	2,756	-10.4	2,374	382
Montréal/St-Hubert	9,479	8,462	-10.7	4,296	4,166
Oshawa	3,620	4,283	18.3	2,005	2,278
Ottawa/Macdonald-Cartier International	12,060	10,795	-10.5	8,729	2,066
Pitt Meadows	3,807	3,990	4.8	1,774	2,216
Prince George	2,576	2,304	-10.6	1,698	606
Québec/Jean Lesage International	7,281	5,795	-20.4	4,923	872
Regina Intl	3,950	3,660	-7.3	2,676	984
Saskatoon/JG Diefenbaker	5,402	5,976	10.6	3,916	2,060
Sault Ste. Marie	2,991	2,662	-11.0	1,526	1,136
St. John's	4,011	4,013	0.0	3,249	764
St-Jean	1,140	775	-32.0	499	276
Sudbury	4,493	2,203	-51.0	1,811	392
Thunder Bay	5,633	5,978	6.1	3,746	2,232
Toronto/Buttonville Municipal	6,481	9,712	49.9	4,782	4,930
Toronto/City Centre	6,380	6,204	-2.8	2,354	3,850
Toronto/LB Pearson International	31,543	30,543	-3.2	30,543	0
Vancouver Harbour	3,581	4,266	19.1	3,701	565
Vancouver International	21,615	22,535	4.3	22,535	0
Victoria International	9,404	9,666	2.8	6,436	3,230
Waterloo Regional	6,149	6,231	1.3	2,896	3,335
Whitehorse	767	776	1.2	550	226
Windsor	2,222	2,161	-2.7	1,509	652
Winnipeg International	10,857	11,240	3.5	10,230	1,010
Winnipeg/St. Andrews	4,599	4,133	-10.1	1,747	2,386
Yellowknife	2,916	3,421	17.3	2,851	570
Total (42)	**301,364**	**297,297**	**-1.3**	**216,952**	**80,345**

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

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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