Aircraft movements statistics

Transport Canada   **TP 1496**

ASCSB298

Aircraft Movement Statistics January 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.

In January, the 42 Canadian airports with NAV CANADA air traffic control towers reported 266,383 take-offs and landings, a decrease of 13.4% compared to January 2003 (307,702). This marks the tenth consecutive decline in year-over-year comparisons of monthly movements. Thirty-five airports showed year-over-year decreases in aircraft movements for January compared to 21 airports in December 2003. Seventeen airports showed decreases greater than 20% this month compared to six airports in December.

Itinerant movements (flights from one airport to another) declined by 8.2 % (down 18,020 movements) in January 2004 compared to January 2003. This represents the largest year-over-year percentage decline since March 2002. Local movements (flights that remain in the vicinity of the airport) dropped by 26.8 % (down 23,299 movements) in January 2004 marking the tenth consecutive decline.

The top ten airports in terms of volumes of itinerant movements in January showed year-over-year variations ranging from 1.7% (259 movements) at Montréal/Pierre Elliott Trudeau Intl to -21.1% (-1,277 movements) at Edmonton City Centre. Nine of the top ten airports recorded decreases in itinerant movements compared to January 2003, compared to five airports in December 2003.

The top ten airports in terms of local movements showed year-over-year variations ranging from 38.7% (1,048 movements) at Thunder Bay to -38.2% (-1,530 movements) at London. Eight of the top ten airports recorded decreases in local movements compared to five airports in December 2003.

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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Note of Appreciation

Statistics Canada / Statistique Canada
Transport Canada / Transports Canada

Canada

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

Airports	2003 Total	2004 Total	% change 2004 / 2003	2004 Itinerant	2004 Local
Abbotsford	12,405	9,146	-26.3	3,958	5,188
Boundary Bay	10,864	10,894	0.3	3,584	7,310
Calgary International	18,082	17,062	-5.6	16,797	265
Calgary/Springbank	8,644	7,225	-16.4	3,015	4,210
Chicoutimi/St-Honoré	1,035	1,142	10.3	438	704
Edmonton City Centre	6,962	5,341	-23.3	4,779	562
Edmonton International	9,553	9,805	2.6	8,560	1,245
Edmonton/Villeneuve	4,338	3,033	-30.1	729	2,304
Gander International	2,491	2,439	-2.1	1,493	946
Halifax International	6,470	6,338	-2.0	5,842	496
Hamilton	6,211	5,085	-18.1	3,707	1,378
Kelowna	5,545	4,500	-18.8	3,147	1,353
Langley	6,260	4,938	-21.1	1,498	3,440
London	7,650	5,491	-28.2	3,035	2,456
Moncton/Greater Moncton International	4,807	3,799	-21.0	2,887	912
Montréal/Mirabel International	3,418	3,029	-11.4	2,579	450
Montréal/Pierre Elliott Trudeau International	15,621	15,880	1.7	15,880	0
Montréal/St-Hubert	8,045	4,940	-38.6	2,814	2,126
Oshawa	3,445	2,341	-32.0	1,089	1,252
Ottawa/Macdonald-Cartier International	11,747	9,895	-15.8	8,431	1,464
Pitt Meadows	4,413	4,061	-8.0	1,687	2,374
Prince George	2,260	2,065	-8.6	1,639	426
Québec/Jean Lesage International	6,502	5,696	-12.4	4,700	996
Regina Intl	4,231	2,798	-33.9	2,424	374
Saskatoon/JG Diefenbaker	5,759	3,775	-34.5	3,017	758
Sault Ste. Marie	3,281	3,438	4.8	1,750	1,688
St. John's	3,702	3,985	7.6	3,035	950
St-Jean	951	382	-59.8	280	102
Sudbury	3,709	2,314	-37.6	2,056	258
Thunder Bay	6,580	7,843	19.2	4,089	3,754
Toronto/Buttonville Municipal	6,934	5,743	-17.2	2,957	2,786
Toronto/City Centre	6,260	3,291	-47.4	1,695	1,596
Toronto/LB Pearson International	32,227	31,050	-3.7	31,050	0
Vancouver Harbour	4,850	3,286	-32.2	2,946	340
Vancouver International	21,975	21,438	-2.4	21,438	0
Victoria International	10,803	9,756	-9.7	6,102	3,654
Waterloo Regional	6,072	4,282	-29.5	2,037	2,245
Whitehorse	750	614	-18.1	484	130
Windsor	2,394	1,876	-21.6	1,408	468
Winnipeg International	12,318	10,902	-11.5	9,783	1,119
Winnipeg/St. Andrews	4,591	1,944	-57.7	948	996
Yellowknife	3,547	3,521	-0.7	2,889	632
Total (42)	**307,702**	**266,383**	**-13.4**	**202,676**	**63,707**

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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