Aircraft movements statistics
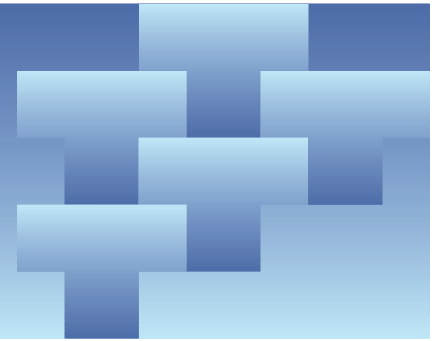
Transport Canada   **TP 1496**

ASC-SB-299

Aircraft Movement Statistics February 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 February, the 42 Canadian airports with NAV CANADA air traffic control towers reported 340,458 take-offs and landings, an increase of 8.1% compared to February 2003 (314,836). This marks the first increase in year-over-year comparisons of monthly movements since March 2003. The increase partly reflects an extra day of activity due to the 2004 leap year. In spite of the extra day, thirteen airports showed year-over-year decreases in aircraft movements for February 2004 compared to February 2003. Two airports showed decreases greater than 20% this month compared to 17 airports in January.

Itinerant movements (flights from one airport to another) increased by 7.0 % (up 15,098 movements) in February 2004 compared to February 2003. This represents the first year-over-year percentage increase since December 2003 (1.2%). Local movements (flights that remain in the vicinity of the airport) rose by 10.7% (up 10,524 movements) in February 2004 marking the first increase since March 2003.

The top ten airports in terms of volumes of itinerant movements in February showed year-over-year increases ranging from 21.8% (1,473 movements) at Victoria Intl to 0.1% (7 movements) at Winnipeg Intl.

The top ten airports in terms of local movements showed year-over-year variations ranging from 54.9% (1,798 movements) at Toronto/Buttonville Municipal to -7.2% (-662 movements) at Boundary Bay. Nine of the top ten airports recorded increases in local movements compared to two airports in January 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*

March 2004

Statistics Canada   Statistique Canada
Transport Canada   Transports Canada

Canada

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

Airports	2003 Total	2004 Total	% change 2004 / 2003	2004 Itinerant	2004 Local
Abbotsford	12,248	13,342	8.9	5,839	7,503
Boundary Bay	14,456	13,993	-3.2	5,480	8,513
Calgary International	16,814	17,223	2.4	17,011	212
Calgary/Springbank	9,986	11,392	14.1	4,718	6,674
Chicoutimi/St-Honoré	2,909	4,070	39.9	1,764	2,306
Edmonton City Centre	6,822	6,325	-7.3	5,728	597
Edmonton International	8,950	10,039	12.2	8,411	1,628
Edmonton/Villeneuve	5,111	5,823	13.9	1,281	4,542
Gander International	2,936	2,306	-21.5	1,452	854
Halifax International	6,337	6,214	-1.9	5,612	602
Hamilton	5,923	6,394	8.0	3,892	2,502
Kelowna	5,026	5,707	13.5	3,636	2,071
Langley	5,865	7,285	24.2	2,421	4,864
London	8,246	9,534	15.6	4,653	4,881
Moncton/Greater Moncton International	5,439	4,996	-8.1	3,260	1,736
Montréal/Mirabel International	2,928	2,954	0.9	2,577	377
Montréal/Pierre Elliott Trudeau International	14,086	15,769	11.9	15,769	0
Montréal/St-Hubert	10,581	12,073	14.1	5,822	6,251
Oshawa	3,496	4,585	31.1	2,033	2,552
Ottawa/Macdonald-Cartier International	11,136	12,677	13.8	9,439	3,238
Pitt Meadows	5,999	8,093	34.9	3,051	5,042
Prince George	2,414	2,944	22.0	1,883	1,061
Québec/Jean Lesage International	7,183	8,012	11.5	6,172	1,840
Regina Intl	3,673	3,511	-4.4	2,617	894
Saskatoon/JG Diefenbaker	5,666	5,370	-5.2	3,637	1,733
Sault Ste. Marie	4,840	5,087	5.1	2,103	2,984
St. John's	4,105	4,048	-1.4	2,948	1,100
St-Jean	996	1,208	21.3	806	402
Sudbury	3,395	3,370	-0.7	2,812	558
Thunder Bay	6,869	8,605	25.3	4,293	4,312
Toronto/Buttonville Municipal	7,031	10,334	47.0	5,260	5,074
Toronto/City Centre	6,006	5,330	-11.3	2,397	2,933
Toronto/LB Pearson International	28,623	29,101	1.7	29,101	0
Vancouver Harbour	5,302	4,149	-21.7	3,847	302
Vancouver International	20,602	21,444	4.1	21,444	0
Victoria International	12,038	15,014	24.7	8,237	6,777
Waterloo Regional	7,150	7,894	10.4	3,250	4,644
Whitehorse	1,174	1,954	66.4	968	986
Windsor	2,040	2,452	20.2	1,626	826
Winnipeg International	11,841	11,071	-6.5	9,912	1,159
Winnipeg/St. Andrews	5,048	4,493	-11.0	1,815	2,678
Yellowknife	3,546	4,273	20.5	2,977	1,296
Total (42)	**314,836**	**340,458**	**8.1**	**231,954**	**108,504**

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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