Aircraft movements statistics

Transport Canada   **TP 1496**

ASCSB288

Aircraft Movement Statistics April 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. Historical issues of this bulletin for months prior to 2002 are available on-line at *http://www.tc.gc.ca/pol/en/Report/TP1496/tp1496.htm*

In April 2003, the 42 Canadian airports with NAV CANADA air traffic control towers reported 374,913 total movements, a decrease of 7.5% compared to April 2002 (405,125). Two-thirds of the airports showed decreases in total aircraft movements for April 2003 compared to a year earlier. Of the 27 airports showing year-over-year decreases, five airports had decreases of more than -20% compared to 11 airports in March 2003.

Overall, the decrease in April 2003 was reflected in both itinerant movements (flights from one airport to another) and local movements (flights that remain in the vicinity of the airport). Itinerant movements dropped by 4.9 % (-12,755 movements) while local movements dropped by 12.0% (-17,457 movements). A decline in travellers due to the war in Iraq and the Severe Acute Respiratory Syndrome (SARS) outbreak as well as Air Canada's filing for bankruptcy protection contributed to the decline.

Among the top ten airports in terms of volumes of itinerant movements in April, seven airports recorded decreases compared to April 2002. The declines ranged from -10.0% at Toronto/LB Pearson to -3.3% at Montreal/Dorval Intl. The gains were recorded at Edmonton Intl (5.9%), Montreal/St-Hubert (4.1%) and Winnipeg Intl (2.3%).

Among the top ten airports in terms of local movements, eight airports recorded decreases compared to April 2002. The declines ranged from -26.8% at Waterloo Regional to -5.7% at Edmonton/Villeneuve. Increases in local movements were recorded at Montreal/St-Hubert (8.2%) and London (0.9%).

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 - April - Preliminary, Airports with NAV CANADA Towers

Airports	2002 Total	2003 Total	% change 2003 / 2002	2003 Itinerant	2003 Local
Abbotsford	16,843	14,462	-14.1	5,883	8,579
Boundary Bay	18,470	14,109	-23.6	4,929	9,180
Calgary International	18,202	16,760	-7.9	16,550	210
Calgary/Springbank	10,809	9,308	-13.9	3,927	5,381
Chicoutimi/St-Honoré	6,882	4,614	-33.0	1,793	2,821
Edmonton City Centre	8,127	7,047	-13.3	6,318	729
Edmonton International	8,226	8,868	7.8	7,608	1,260
Edmonton/Villeneuve	7,413	6,826	-7.9	1,408	5,418
Gander International	3,353	3,968	18.3	2,102	1,866
Halifax International	6,747	7,486	11.0	6,435	1,051
Hamilton	8,110	7,800	-3.8	4,476	3,324
Kelowna	7,829	7,112	-9.2	4,236	2,876
Langley	8,772	7,274	-17.1	3,184	4,090
London	9,987	10,013	0.3	4,959	5,054
Moncton/Greater Moncton Intl	6,189	6,230	0.7	3,814	2,416
Montréal/Dorval International	15,839	15,316	-3.3	15,316	0
Montréal/Mirabel International	3,454	3,338	-3.4	2,494	844
Montréal/St-Hubert	15,373	16,332	6.2	7,686	8,646
Oshawa	6,058	6,245	3.1	2,609	3,636
Ottawa/Macdonald-Cartier International	14,380	12,795	-11.0	9,849	2,946
Pitt Meadows	7,850	5,290	-32.6	2,130	3,160
Prince George	3,115	4,298	38.0	2,322	1,976
Québec/Jean Lesage International	14,107	12,384	-12.2	8,021	4,363
Regina Intl	4,652	4,961	6.6	3,121	1,840
Saskatoon/JG Diefenbaker	8,726	6,788	-22.2	4,547	2,241
Sault Ste. Marie	4,325	6,499	50.3	2,675	3,824
St. John's	4,541	4,977	9.6	3,695	1,282
St-Jean	1,530	1,880	22.9	1,094	786
Sudbury	5,422	5,676	4.7	2,740	2,936
Thunder Bay	9,721	8,945	-8.0	4,657	4,288
Toronto/Buttonville Municipal	12,245	11,245	-8.2	5,963	5,282
Toronto/City Centre	9,089	6,898	-24.1	3,158	3,740
Toronto/LB Pearson International	31,047	27,956	-10.0	27,956	0
Vancouver Harbour	5,267	6,759	28.3	4,951	1,808
Vancouver International	23,656	21,621	-8.6	21,621	0
Victoria International	15,816	13,537	-14.4	7,917	5,620
Waterloo Regional	11,533	9,302	-19.3	4,258	5,044
Whitehorse	2,372	2,219	-6.5	1,141	1,078
Windsor	3,631	3,226	-11.2	1,850	1,376
Winnipeg International	13,047	12,716	-2.5	10,890	1,826
Winnipeg/St. Andrews	7,440	7,506	0.9	2,904	4,602
Yellowknife	4,930	4,327	-12.2	3,480	847
Total (42)	**405,125**	**374,913**	**-7.5**	**246,667**	**128,246**

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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