



Aircraft movements statistics

Transport Canada

TP 1496

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For more information please call our national toll-free line 1 800 263-1136 or by e-mail: aviationstatistics@statcan.ca

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Aircraft Movement Statistics May 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 May 2003, the 42 Canadian airports with NAV CANADA air traffic control towers reported 416,211 total movements, a decrease of 4.0% compared to May 2002 (433,683 movements). Thirty airports showed decreases in total aircraft movements for May compared to May 2002; five of these 30 airports showed decreases greater than 20%.

Overall, the decrease in May 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 2.4 % (down 6,844 movements) while local movements dropped by 7.0% (down 10,628 movements). A second outbreak of the Severe Acute Respiratory Syndrome (SARS) as well as Air Canada's filing for bankruptcy protection in April 2003 continued to contribute to the decline in air travel.

The top ten airports in terms of volumes of itinerant movements in May showed year-over-year variations ranging from 23.4% at Montréal/St Hubert to -10.6% at Toronto/LB Pearson Intl. Six airports recorded decreases compared to May 2002.

The top ten airports in terms of local movements showed year-over-year variations ranging from 52.4% at Sault Ste Marie to -21.0% at Winnipeg/St Andrews. Five airports recorded decreases compared to May 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

June 2003

Note of Appreciation

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

| Airports | 2002 | 2003 | % change | 2003 | 2003 |
|--|----------------|----------------|-------------|----------------|----------------|
| | Total | Total | 2003 / 2002 | Itinerant | Local |
| Abbotsford | 16,229 | 17,803 | 9.7 | 6,989 | 10,814 |
| Boundary Bay | 19,479 | 17,443 | -10.5 | 7,114 | 10,329 |
| Calgary International | 19,175 | 19,014 | -0.8 | 18,444 | 570 |
| Calgary/Springbank | 12,738 | 10,340 | -18.8 | 4,785 | 5,555 |
| Chicoutimi/St-Honoré | 7,349 | 7,003 | -4.7 | 2,849 | 4,154 |
| Edmonton City Centre | 9,014 | 7,844 | -13.0 | 7,216 | 628 |
| Edmonton International | 8,887 | 8,712 | -2.0 | 7,419 | 1,293 |
| Edmonton/Villeneuve | 7,242 | 5,534 | -23.6 | 1,842 | 3,692 |
| Gander International | 3,529 | 3,418 | -3.1 | 2,276 | 1,142 |
| Halifax International | 8,009 | 7,935 | -0.9 | 6,673 | 1,262 |
| Hamilton | 9,663 | 8,040 | -16.8 | 4,660 | 3,380 |
| Kelowna | 7,063 | 6,162 | -12.8 | 4,041 | 2,121 |
| Langley | 8,283 | 8,217 | -0.8 | 3,771 | 4,446 |
| London | 11,183 | 10,045 | -10.2 | 5,173 | 4,872 |
| Moncton/Greater Moncton Intl | 6,548 | 4,651 | -29.0 | 3,079 | 1,572 |
| Montréal/Dorval International | 16,615 | 16,598 | -0.1 | 16,598 | 0 |
| Montréal/Mirabel International | 3,241 | 4,195 | 29.4 | 2,971 | 1,224 |
| Montréal/St-Hubert | 15,126 | 20,200 | 33.5 | 9,065 | 11,135 |
| Oshawa | 7,001 | 6,280 | -10.3 | 2,868 | 3,412 |
| Ottawa/Macdonald-Cartier International | 14,521 | 13,873 | -4.5 | 10,912 | 2,961 |
| Pitt Meadows | 8,219 | 7,901 | -3.9 | 3,195 | 4,706 |
| Prince George | 4,242 | 4,729 | 11.5 | 2,616 | 2,113 |
| Québec/Jean Lesage International | 13,875 | 11,389 | -17.9 | 8,218 | 3,171 |
| Regina Intl | 5,019 | 5,613 | 11.8 | 3,745 | 1,868 |
| Saskatoon/JG Diefenbaker | 8,808 | 6,863 | -22.1 | 4,656 | 2,207 |
| Sault Ste. Marie | 6,250 | 8,522 | 36.4 | 2,990 | 5,532 |
| St. John's | 4,950 | 4,746 | -4.1 | 3,622 | 1,124 |
| St-Jean | 2,224 | 2,815 | 26.6 | 1,801 | 1,014 |
| Sudbury | 7,294 | 6,247 | -14.4 | 3,502 | 2,745 |
| Thunder Bay | 9,628 | 10,194 | 5.9 | 5,358 | 4,836 |
| Toronto/Buttonville Municipal | 15,530 | 14,715 | -5.2 | 7,279 | 7,436 |
| Toronto/City Centre | 10,930 | 8,668 | -20.7 | 3,848 | 4,820 |
| Toronto/LB Pearson International | 32,774 | 29,286 | -10.6 | 29,286 | 0 |
| Vancouver Harbour | 6,320 | 8,451 | 33.7 | 5,635 | 2,816 |
| Vancouver International | 25,528 | 24,386 | -4.5 | 24,352 | 34 |
| Victoria International | 15,103 | 15,303 | 1.3 | 9,581 | 5,722 |
| Waterloo Regional | 12,448 | 9,437 | -24.2 | 4,650 | 4,787 |
| Whitehorse | 3,221 | 3,675 | 14.1 | 1,647 | 2,028 |
| Windsor | 3,644 | 3,053 | -16.2 | 1,749 | 1,304 |
| Winnipeg International | 13,492 | 13,239 | -1.9 | 11,599 | 1,640 |
| Winnipeg/St. Andrews | 8,694 | 7,881 | -9.4 | 2,977 | 4,904 |
| Yellowknife | 4,595 | 5,791 | 26.0 | 4,105 | 1,686 |
| Total (42) | 433,683 | 416,211 | -4.0 | 275,156 | 141,055 |

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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