



Aircraft movement statistics

Transport Canada

TP 1496

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ASC-SB-331

Aircraft Movement Statistics August 2006 (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.

The 42 Canadian airports with NAV CANADA air traffic control towers reported 436,204 aircraft take-offs and landings in August, up 5.9% compared with August 2005 (411,896 movements). Year-over-year increases in aircraft movements were reported by 29 of the airports in August 2006. The variations ranged from 76.4% for Moncton/Greater Moncton International to -17.9% for Sudbury.

Itinerant movements (flights from one airport to another) increased by 4.4% (+13,170 movements) in August 2006 compared with the same month a year earlier. Local movements (flights that remain in the vicinity of the airport) increased by 10.1% (+11,138 movements) in August 2006 compared with August 2005.

In terms of itinerant movements, the year-over-year variations for August ranged from a 33.8% increase (+1,338 movements) for Moncton/Greater Moncton International to a decline of -17.1% (-602 movements) for Sudbury. Twenty-nine airports recorded increases in itinerant movements compared with 25 airports in July 2006.

In terms of local movements, the year-over-year variations for August ranged from a 173.9% increase (+1,238 movements) for Edmonton City Centre to a -85.7% decrease (-12 movements) for Vancouver Harbour. Edmonton International showed a decline of 54.2% (-578 movements) suggesting some local traffic relocated from Edmonton International to Edmonton City Centre. Nineteen airports recorded increases in local movements compared with 29 airports in July 2006.

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

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Aircraft Movements by Class of Operation - August - Preliminary, Airports with NAV CANADA Towers

| Airports | 2005 | 2006 | % change | 2006 | 2006 |
|---|----------------|----------------|-------------|----------------|----------------|
| | Total | Total | 2006 / 2005 | Itinerant | Local |
| Abbotsford | 11,637 | 13,149 | 13.0 | 5,651 | 7,498 |
| Boundary Bay | 21,400 | 20,633 | -3.6 | 7,991 | 12,642 |
| Calgary International | 20,461 | 22,038 | 7.7 | 21,802 | 236 |
| Calgary/Springbank | 10,596 | 13,278 | 25.3 | 5,335 | 7,943 |
| Chicoutimi/St-Honoré | 8,258 | 8,257 | 0.0 | 3,308 | 4,949 |
| Edmonton City Centre | 6,630 | 8,158 | 23.0 | 6,208 | 1,950 |
| Edmonton International | 10,024 | 10,643 | 6.2 | 10,155 | 488 |
| Edmonton/Villeneuve | 4,389 | 4,804 | 9.5 | 1,392 | 3,412 |
| Gander International | 3,099 | 3,728 | 20.3 | 2,614 | 1,114 |
| Halifax International | 8,452 | 8,254 | -2.3 | 7,577 | 677 |
| Hamilton | 6,761 | 6,610 | -2.2 | 4,178 | 2,432 |
| Kelowna | 6,853 | 7,342 | 7.1 | 5,104 | 2,238 |
| Kitchener/Waterloo | 11,569 | 11,247 | -2.8 | 5,471 | 5,776 |
| Langley | 7,766 | 7,595 | -2.2 | 3,267 | 4,328 |
| London | 8,164 | 8,436 | 3.3 | 5,664 | 2,772 |
| Moncton/Greater Moncton International | 5,830 | 10,289 | 76.5 | 5,300 | 4,989 |
| Montréal/Mirabel International | 2,611 | 2,330 | -10.8 | 1,744 | 586 |
| Montréal/Pierre Elliott Trudeau International | 18,802 | 19,656 | 4.5 | 19,656 | 0 |
| Montréal/St-Hubert | 12,344 | 16,122 | 30.6 | 7,636 | 8,486 |
| Oshawa | 5,659 | 5,002 | -11.6 | 2,606 | 2,396 |
| Ottawa/Macdonald-Cartier International | 13,343 | 13,690 | 2.6 | 9,983 | 3,707 |
| Pitt Meadows | 10,211 | 11,231 | 10.0 | 4,749 | 6,482 |
| Prince George | 3,427 | 2,901 | -15.3 | 2,559 | 342 |
| Québec/Jean Lesage International | 9,182 | 9,685 | 5.5 | 7,865 | 1,820 |
| Regina International | 4,743 | 5,264 | 11.0 | 3,840 | 1,424 |
| Saskatoon/John G Diefenbaker International | 7,495 | 7,636 | 1.9 | 5,596 | 2,040 |
| Sault Ste. Marie | 4,182 | 4,482 | 7.2 | 2,590 | 1,892 |
| St. John's International | 4,148 | 4,704 | 13.4 | 4,198 | 506 |
| St-Jean | 5,850 | 5,423 | -7.3 | 4,731 | 692 |
| Sudbury | 4,477 | 3,673 | -18.0 | 2,915 | 758 |
| Thunder Bay | 6,864 | 8,672 | 26.3 | 5,889 | 2,783 |
| Toronto/Buttonville Municipal | 16,174 | 14,741 | -8.9 | 8,211 | 6,530 |
| Toronto/City Centre | 8,209 | 8,818 | 7.4 | 4,392 | 4,426 |
| Toronto/Lester B Pearson International | 36,458 | 38,533 | 5.7 | 38,533 | 0 |
| Vancouver Harbour | 7,158 | 7,174 | 0.2 | 7,172 | 2 |
| Vancouver International | 33,494 | 33,366 | -0.4 | 33,366 | 0 |
| Victoria International | 14,666 | 15,744 | 7.4 | 10,495 | 5,249 |
| Whitehorse International | 2,602 | 2,915 | 12.0 | 2,253 | 662 |
| Windsor | 3,244 | 3,052 | -5.9 | 1,990 | 1,062 |
| Winnipeg International | 12,078 | 13,219 | 9.4 | 11,919 | 1,300 |
| Winnipeg/St. Andrews | 7,780 | 7,788 | 0.1 | 3,891 | 3,897 |
| Yellowknife | 4,806 | 5,922 | 23.2 | 5,490 | 432 |
| Total (42) | 411,896 | 436,204 | 5.9 | 315,286 | 120,918 |

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
- 0 true zero or a value rounded to zero
- 0^s value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
- 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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