



Aircraft movement statistics annual

Transport Canada

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Aircraft Movement Statistics 2005 (Preliminary)

Airports with NAV CANADA Air Traffic Control Towers

The data in this bulletin represent preliminary annual statistics for airports with NAV CANADA air traffic control towers.

The 42 Canadian airports with NAV CANADA air traffic control towers reported 4.34 million aircraft take-offs and landings in 2005, a decrease of 0.2% compared to 2004 (4.35 million). The total aircraft movements recorded at the towered airports have shown a declining trend since the last peak recorded in 1999 (5.3 million).

Twenty airports showed decreases in 2005 compared with 2004. Calgary International, Calgary/Springbank and Pitt Meadows showed the largest year-over-year gains in aircraft movements, each showing gains of more than 10,000 movements. Montréal/St-Hubert (-38,742) and Thunder Bay (-18,029) showed the largest year-over-year declines in aircraft movements.

Overall, itinerant movements were up by 19,076 movements (+0.6%) continuing the positive trend observed last year. The year-over-year variations ranged from 14.6% at Regina International to -20.6% at Montréal/Mirabel International. Six of the ten airports handling the most itinerant movements in 2005 recorded increases compared to 2004.

Local movements were down 28,651 movements (-2.3%), making the fourth consecutive annual decrease. The year-over-year comparisons ranged from 38.9% at St-Jean, Québec to -74.3 at Vancouver Harbour. Four of the ten airports handling the most local movements recorded decreases compared to 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 annual report (TP 577). Upon release, the TP 577 report is available (free) on-line at <http://www.tc.gc.ca/pol/en/Report/tp577/tp577.htm>

For further information concerning this bulletin, please contact Aviation Statistics Centre, Statistics Canada (1-866-500-8400)
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Note of Appreciation

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Aircraft Movements by Class of Operation - 2005- Preliminary, Airports with NAV CANADA Towers

| Airports | 2004 Total | 2005 Total | % change 2005 / 2004 | 2005 Itinerant | 2005 Local |
|---|------------------|------------------|-------------------------|-------------------|------------------|
| Abbotsford | 149,103 | 153,201 | 2.7 | 63,522 | 89,679 |
| Boundary Bay | 178,346 | 187,912 | 5.4 | 73,439 | 114,473 |
| Calgary International | 218,491 | 233,031 | 6.7 | 228,819 | 4,212 |
| Calgary/Springbank | 120,182 | 134,568 | 12.0 | 54,024 | 80,544 |
| Chicoutimi/St-Honoré | 69,022 | 74,108 | 7.4 | 26,112 | 47,996 |
| Edmonton City Centre | 74,833 | 78,985 | 5.5 | 69,983 | 9,002 |
| Edmonton International | 110,476 | 115,792 | 4.8 | 104,564 | 11,228 |
| Edmonton/Villeneuve | 63,471 | 64,323 | 1.3 | 19,194 | 45,129 |
| Gander International | 37,174 | 35,595 | -4.2 | 25,342 | 10,253 |
| Halifax International | 89,845 | 86,377 | -3.9 | 77,385 | 8,992 |
| Hamilton | 82,251 | 74,223 | -9.8 | 43,532 | 30,691 |
| Kelowna | 68,894 | 71,499 | 3.8 | 50,018 | 21,481 |
| Kitchener/Waterloo | 103,014 | 100,790 | -2.2 | 49,159 | 51,631 |
| Langley | 82,026 | 79,808 | -2.7 | 31,883 | 47,925 |
| London | 95,240 | 92,383 | -3.0 | 54,072 | 38,311 |
| Moncton/Greater Moncton International | 62,089 | 64,512 | 3.9 | 42,902 | 21,610 |
| Montréal/Mirabel International | 36,720 | 31,505 | -14.2 | 23,633 | 7,872 |
| Montréal/Pierre Elliott Trudeau International | 205,441 | 208,264 | 1.4 | 208,264 | 0 |
| Montréal/St-Hubert | 167,620 | 128,878 | -23.1 | 66,779 | 62,099 |
| Oshawa | 62,489 | 59,416 | -4.9 | 28,433 | 30,983 |
| Ottawa/Macdonald-Cartier International | 154,042 | 149,283 | -3.1 | 117,239 | 32,044 |
| Pitt Meadows | 89,321 | 100,097 | 12.1 | 42,646 | 57,451 |
| Prince George | 44,099 | 43,487 | -1.4 | 29,249 | 14,238 |
| Québec/Jean Lesage International | 109,180 | 101,354 | -7.2 | 77,977 | 23,377 |
| Regina International | 47,904 | 52,210 | 9.0 | 40,812 | 11,398 |
| Saskatoon/John G Diefenbaker International | 76,581 | 81,616 | 6.6 | 53,772 | 27,844 |
| Sault Ste. Marie | 53,452 | 54,509 | 2.0 | 26,574 | 27,935 |
| St. John's International | 51,733 | 44,097 | -14.8 | 39,373 | 4,724 |
| St-Jean | 34,313 | 35,615 | 3.8 | 27,716 | 7,899 |
| Sudbury | 38,214 | 42,209 | 10.5 | 31,814 | 10,395 |
| Thunder Bay | 109,956 | 91,927 | -16.4 | 58,177 | 33,750 |
| Toronto/Buttonville Municipal | 148,965 | 147,703 | -0.8 | 74,389 | 73,314 |
| Toronto/City Centre | 68,429 | 67,916 | -0.7 | 34,781 | 33,135 |
| Toronto/Lester B Pearson International | 404,717 | 408,857 | 1.0 | 408,857 | 0 |
| Vancouver Harbour | 56,860 | 58,185 | 2.3 | 57,797 | 388 |
| Vancouver International | 314,888 | 322,023 | 2.3 | 322,023 | 0 |
| Victoria International | 155,899 | 150,591 | -3.4 | 97,830 | 52,761 |
| Whitehorse International | 23,984 | 23,382 | -2.5 | 15,363 | 8,019 |
| Windsor | 32,760 | 33,469 | 2.2 | 20,877 | 12,592 |
| Winnipeg International | 138,891 | 136,897 | -1.4 | 129,288 | 7,609 |
| Winnipeg/St. Andrews | 64,113 | 67,411 | 5.1 | 27,361 | 40,050 |
| Yellowknife | 58,885 | 56,330 | -4.3 | 44,763 | 11,567 |
| Total (42) | 4,353,913 | 4,344,338 | -0.2 | 3,119,737 | 1,224,601 |

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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