



Aircraft movement statistics

Transport Canada

TP 1496

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Aircraft Movement Statistics March 2005 (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 355,990 aircraft take-offs and landings in March, down 2.1% compared with March 2004 (363,529 movements). Year-over-year decreases in aircraft movements were reported by 26 airports in March 2005. Declines of greater than 20% were reported by 5 airports this month compared with 11 airports in February.

Itinerant movements (flights from one airport to another) decreased by 0.1% (-274 movements) in March compared with the same month a year earlier. Local movements (flights that remain in the vicinity of the airport) decreased by 6.5% (-7,265 movements) in March compared with March 2004.

The top 10 airports in terms of volumes of itinerant movements in March showed year-over-year variations ranging from a 5.1% increase (+447 movements) at Edmonton International to a decline of 9.3% (-816 movements) at Victoria International. Of the top 10 airports, 5 recorded increases in itinerant movements compared with 6 airports in February 2005.

The top 10 airports in terms of local movements showed year-over-year variations ranging from a 47.3% increase (+1,766 movements) at Toronto/Buttonville Municipal to a decline of 25.6% (-1,514 movements) at Edmonton/Villeneuve. Of the top 10 airports, 6 recorded decreases in local movements compared with 7 airports in February 2005.

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 - March - Preliminary, Airports with NAV CANADA Towers

Airports	2004 Total	2005 Total	% change 2005 / 2004	2005 Itinerant	2005 Local
Abbotsford	14,719	13,859	-5.8	5,527	8,332
Boundary Bay	13,016	14,871	14.3	5,601	9,270
Calgary International	18,726	19,257	2.8	18,881	376
Calgary/Springbank	10,319	9,628	-6.7	3,779	5,849
Chicoutimi/St-Honoré	7,267	7,363	1.3	2,354	5,009
Edmonton City Centre	7,189	6,609	-8.1	6,095	514
Edmonton International	9,962	10,045	0.8	9,167	878
Edmonton/Villeneuve	7,509	5,669	-24.5	1,271	4,398
Gander International	3,383	2,084	-38.4	1,548	536
Halifax International	7,282	6,520	-10.5	6,186	334
Hamilton	6,068	6,734	11.0	3,488	3,246
Kelowna	6,031	5,906	-2.1	4,214	1,692
Langley	7,109	5,855	-17.6	2,287	3,568
London	7,481	7,984	6.7	4,556	3,428
Moncton/Greater Moncton International	5,277	4,846	-8.2	3,216	1,630
Montréal/Mirabel International	3,157	2,687	-14.9	2,003	684
Montréal/Pierre Elliott Trudeau International	17,120	16,616	-2.9	16,616	0
Montréal/St-Hubert	12,781	11,738	-8.2	6,270	5,468
Oshawa	4,153	4,730	13.9	2,228	2,502
Ottawa/Macdonald-Cartier International	13,478	13,240	-1.8	10,024	3,216
Pitt Meadows	6,883	9,067	31.7	3,571	5,496
Prince George	5,175	4,088	-21.0	2,240	1,848
Québec/Jean Lesage International	9,223	7,837	-15.0	5,999	1,838
Regina International	4,505	4,103	-8.9	3,313	790
Saskatoon/JG Diefenbaker	7,172	6,121	-14.7	4,387	1,734
Sault Ste. Marie	5,294	4,914	-7.2	2,482	2,432
St. John's	4,528	3,862	-14.7	3,242	620
St-Jean	1,598	1,562	-2.3	910	652
Sudbury	2,549	3,623	42.1	2,409	1,214
Thunder Bay	10,688	8,795	-17.7	5,289	3,506
Toronto/Buttonville Municipal	8,105	11,257	38.9	5,757	5,500
Toronto/City Centre	4,526	4,524	0.0	2,360	2,164
Toronto/LB Pearson International	33,865	34,234	1.1	34,234	0
Vancouver Harbour	4,604	4,610	0.1	4,552	58
Vancouver International	24,508	25,462	3.9	25,462	0
Victoria International	15,097	13,255	-12.2	7,975	5,280
Waterloo Regional	6,051	7,329	21.1	3,542	3,787
Whitehorse	2,278	1,484	-34.9	979	505
Windsor	2,124	3,106	46.2	1,746	1,360
Winnipeg International	11,573	11,291	-2.4	10,615	676
Winnipeg/St. Andrews	6,443	4,373	-32.1	1,895	2,478
Yellowknife	4,713	4,852	2.9	3,518	1,334
Total (42)	363,529	355,990	-2.1	251,788	104,202

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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