



Aircraft movement statistics

Transport Canada

TP 1496

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Aircraft Movement Statistics January 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 280,809 aircraft take-offs and landings in January 2005, an increase of 5.0% compared to January 2004 (267,541 movements). This is the first increase in year-over-year comparisons of monthly movements since February 2004. Year-over-year increases in aircraft movements were reported by 25 airports in January 2005 compared with January 2004. Declines of greater than 20% were reported by 3 airports this month compared with 14 airports in December 2004.

Itinerant movements (flights from one airport to another) increased by 4.8% (+ 9,722 movements) in January 2005 compared with January 2004. Local movements (flights that remain in the vicinity of the airport) increased by 5.5% (+ 3,546 movements) in January 2005, the first increase observed since February 2004.

The top 10 airports in terms of volumes of itinerant movements in January showed year-over-year variations ranging from a 10.4% increase (+2,236 movements) at Vancouver International to a decline of 6.5% (-399 movements) at Victoria International. Of the top 10 airports, 8 recorded increases in itinerant movements compared with 4 airports in December 2004.

The top 10 airports in terms of local movements showed year-over-year variations ranging from a 53.8% increase (+1,498 movements) at Toronto/Buttonville Municipal to a decline of -39.2% (-2,872 movements) at Boundary Bay. Of the top 10 airports, 7 recorded increases in local movements compared with 5 airports in December 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 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 - January - Preliminary, Airports with NAV CANADA Towers

Airports	2004 Total	2005 Total	% change 2005 / 2004	2005 Itinerant	2005 Local
Abbotsford	9,209	11,138	20.9	4,444	6,694
Boundary Bay	10,934	7,981	-27.0	3,519	4,462
Calgary International	17,159	17,930	4.5	17,708	222
Calgary/Springbank	7,225	7,998	10.7	3,190	4,808
Chicoutimi/St-Honoré	1,142	1,373	20.2	635	738
Edmonton City Centre	5,357	5,210	-2.7	4,656	554
Edmonton International	9,872	9,787	-0.9	9,126	661
Edmonton/Villeneuve	3,033	4,188	38.1	933	3,255
Gander International	2,440	2,077	-14.9	1,395	682
Halifax International	6,354	6,026	-5.2	5,574	452
Hamilton	5,114	4,944	-3.3	2,929	2,015
Kelowna	4,547	4,645	2.2	3,337	1,308
Langley	4,964	4,798	-3.3	1,548	3,250
London	5,505	6,361	15.5	3,433	2,928
Moncton/Greater Moncton International	3,802	4,714	24.0	3,213	1,501
Montréal/Mirabel International	3,031	2,717	-10.4	1,956	761
Montréal/Pierre Elliott Trudeau International	15,958	16,355	2.5	16,355	0
Montréal/St-Hubert	4,941	6,820	38.0	4,084	2,736
Oshawa	2,344	3,561	51.9	1,645	1,916
Ottawa/Macdonald-Cartier International	9,921	11,051	11.4	8,927	2,124
Pitt Meadows	4,083	5,674	39.0	2,283	3,391
Prince George	2,070	2,252	8.8	1,858	394
Québec/Jean Lesage International	5,709	5,640	-1.2	4,888	752
Regina International	2,809	2,802	-0.2	2,474	328
Saskatoon/JG Diefenbaker	3,786	4,150	9.6	3,380	770
Sault Ste. Marie	3,504	3,111	-11.2	1,686	1,425
St. John's	3,990	3,201	-19.8	2,829	372
St-Jean	382	979	156.3	617	362
Sudbury	2,321	3,200	37.9	1,990	1,210
Thunder Bay	7,862	4,141	-47.3	3,165	976
Toronto/Buttonville Municipal	5,750	8,448	46.9	4,164	4,284
Toronto/City Centre	3,297	3,529	7.0	1,725	1,804
Toronto/LB Pearson International	31,234	33,659	7.8	33,659	0
Vancouver Harbour	3,297	1,820	-44.8	1,820	0
Vancouver International	21,597	23,833	10.4	23,833	0
Victoria International	9,793	9,250	-5.5	5,740	3,510
Waterloo Regional	4,283	5,469	27.7	2,595	2,874
Whitehorse	615	917	49.1	599	318
Windsor	1,884	2,087	10.8	1,451	636
Winnipeg International	10,946	10,517	-3.9	10,013	504
Winnipeg/St. Andrews	1,944	2,998	54.2	1,194	1,804
Yellowknife	3,533	3,458	-2.1	2,780	678
Total (42)	267,541	280,809	5.0	213,350	67,459

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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