



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 December 2002 (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 are available on-line at <http://www.tc.gc.ca/pol/en/Report/TP1496/tp1496.htm>

In December 2002, the 43 Canadian airports with NAV CANADA air traffic control towers reported 302,070 total movements, a decrease of 5% compared to December 2001. Since May 2002, total aircraft movements in Canada generally exhibited year-over-year changes in the -5% to -7% range. The decrease in total movements from December 2001 to December 2002 was mostly attributable to the 13% decline in local movements (flights where the aircraft remains in close proximity to the airport), compared to a decrease of 1% for itinerant movements (flights from one airport to another).

Itinerant movements made up 71% of the total activity, while local traffic stood at 29%. Among the airports recording local movements, Toronto/Buttonville (-42%) and Victoria International (-32%) showed the largest decreases. Among the airports recording itinerant movements, Québec/Jean-Lesage (-17%) and Victoria International (-16%) airports recorded the largest declines, counterbalanced to a large extent by increases observed at Edmonton International (+13%) and Montréal/Dorval (+12%).

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 Movement by Class of Operation - December - Preliminary, Airports with NAV Canada Towers

Airports	2001 Total	2002 Total	% change 2002 / 2001	2002 Itinerant	2002 Local
Abbotsford	8,661	9,831	13.5	3,963	5,868
Boundary Bay	9,758	9,250	-5.2	3,307	5,943
Calgary International	17,216	17,749	3.1	17,493	256
Calgary/Springbank	10,686	10,822	1.3	5,124	5,698
Chicoutimi/St-Honoré	2,737	2,454	-10.3	699	1,755
Edmonton City Centre	6,720	7,468	11.1	6,216	1,252
Edmonton International	8,002	9,168	14.6	8,108	1,060
Edmonton/Villeneuve	6,042	5,746	-4.9	1,084	4,662
Gander International	2,439	1,939	-20.5	1,483	456
Halifax International	5,721	6,207	8.5	5,776	431
Hamilton	7,504	5,441	-27.5	3,637	1,804
Kelowna	4,902	6,118	24.8	3,420	2,698
Langley	4,538	5,963	31.4	1,399	4,564
London	9,105	7,192	-21.0	3,708	3,484
Moncton	4,420	4,337	-1.9	3,277	1,060
Montréal/Dorval International	13,678	15,254	11.5	15,254	0
Montréal/Mirabel International	3,184	3,067	-3.7	2,627	440
Montréal/St-Hubert	11,661	9,478	-18.7	4,566	4,912
Oshawa	5,159	3,620	-29.8	1,548	2,072
Ottawa/Macdonald-Cartier International	11,945	12,029	0.7	8,959	3,070
Pitt Meadows	4,525	3,804	-15.9	1,442	2,362
Prince George	2,240	2,564	14.5	1,884	680
Québec/Jean Lesage International	9,431	7,270	-22.9	5,524	1,746
Regina	4,351	3,935	-9.6	2,727	1,208
Saskatoon/JG Diefenbaker	6,208	5,373	-13.5	3,679	1,694
Sault Ste. Marie	2,728	2,989	9.6	1,551	1,438
Sept-Îles	1,750	1,697	-3.0	1,517	180
St. John's	4,160	4,009	-3.6	3,087	922
St-Jean	640	1,140	78.1	592	548
Sudbury	4,409	4,487	1.8	2,037	2,450
Thunder Bay	5,518	5,623	1.9	3,409	2,214
Toronto/Buttonville Municipal	9,302	6,479	-30.3	3,737	2,742
Toronto/City Centre	8,034	6,380	-20.6	2,726	3,654
Toronto/LB Pearson International	29,193	31,381	7.5	31,381	0
Vancouver Harbour	3,050	3,569	17.0	2,691	878
Vancouver International	21,414	21,424	0.0	21,424	0
Victoria International	12,275	9,367	-23.7	5,417	3,950
Waterloo Regional	9,299	6,149	-33.9	2,513	3,636
Whitehorse	875	765	-12.6	605	160
Windsor	2,358	2,212	-6.2	1,362	850
Winnipeg International	10,847	10,819	-0.3	9,767	1,052
Winnipeg/St. Andrews	6,566	4,597	-30.0	1,643	2,954
Yellowknife	3,407	2,904	-14.8	2,540	364
Total (43)	316,658	302,070	-4.6	214,903	87,167

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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