



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 January 2003 (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 January 2003, the 43 Canadian airports with NAV CANADA air traffic control towers reported 307,261 total movements, a decrease of 5% compared to January 2002 (322,265). Monthly year-over-year comparisons show the rate of the decline is slowing. In November, the decline was recorded at -6% compared to -5% for December and January. The number of aircraft movements recorded at these airports in January 2003 was still 16% below the figure recorded in January 2001 (367,114).

Overall, the decrease in January 2003 was due to a 14% drop (14,620 movements) in the local movement versus the itinerant movements which dropped by less than one percent (384 movements). One third of the towered airports showed increases in total aircraft movements for January 2003 compared to a year earlier. Of the 28 airports showing year-over-year decreases, eleven airports had decreases of -20% or more.

Among the top ten airports in terms of volumes of itinerant movements in January, LB Pearson and Dorval recorded the largest gains in volume of itinerant movements, both gaining more than a thousand movements. Edmonton City Centre reported the largest decline in volume, down 738 itinerant movements.

Among the top ten airports in terms of local movements, Abbotsford and Boundary Bay recorded the largest gains, rising 1,813 and 650 local movements, respectively. Waterloo Regional and Edmonton/Villeneuve recorded the largest declines, dropping 1,835 and 1,715 local movements, respectively.

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 - January - Preliminary, Airports with NAV Canada Towers

Airports	2002	2003	% change	2003	2003
	Total	Total	2003 / 2002	Itinerant	Local
Abbotsford	9,234	12,285	33.0	4,810	7,475
Boundary Bay	9,462	10,809	14.2	3,887	6,922
Calgary International	18,460	17,848	-3.3	17,652	196
Calgary/Springbank	10,183	8,583	-15.7	3,828	4,755
Chicoutimi/St-Honoré	2,041	1,035	-49.3	467	568
Edmonton City Centre	7,482	6,852	-8.4	5,956	896
Edmonton International	9,734	9,435	-3.1	8,595	840
Edmonton/Villeneuve	6,459	4,304	-33.4	947	3,357
Gander International	3,664	2,443	-33.3	1,641	802
Halifax International	5,840	6,442	10.3	5,835	607
Hamilton	7,041	6,168	-12.4	3,789	2,379
Kelowna	5,408	5,506	1.8	3,218	2,288
Langley	5,381	6,238	15.9	1,628	4,610
London	8,482	7,618	-10.2	3,660	3,958
Moncton/Greater Moncton Intl	3,995	4,797	20.1	3,301	1,496
Montréal/Dorval International	13,834	15,508	12.1	15,508	0
Montréal/Mirabel International	3,086	3,394	10.0	3,065	329
Montréal/St-Hubert	9,132	7,964	-12.8	3,938	4,026
Oshawa	5,267	3,445	-34.6	1,457	1,988
Ottawa/Macdonald-Cartier International	12,162	11,692	-3.9	9,330	2,362
Pitt Meadows	3,614	4,393	21.6	1,761	2,632
Prince George	1,952	2,233	14.4	1,817	416
Québec/Jean Lesage International	8,645	6,453	-25.4	5,231	1,222
Regina Intl	3,949	4,209	6.6	2,811	1,398
Saskatoon/JG Diefenbaker	6,271	5,733	-8.6	4,049	1,684
Sault Ste. Marie	4,269	3,271	-23.4	1,653	1,618
Sept-Îles	1,810	1,766	-2.4	1,530	236
St. John's	4,218	3,695	-12.4	3,173	522
St-Jean	619	950	53.5	560	390
Sudbury	4,563	3,695	-19.0	2,255	1,440
Thunder Bay	9,281	6,555	-29.4	3,851	2,704
Toronto/Buttonville Municipal	9,328	6,933	-25.7	3,769	3,164
Toronto/City Centre	7,010	6,255	-10.8	2,765	3,490
Toronto/LB Pearson International	29,587	31,973	8.1	31,973	0
Vancouver Harbour	3,168	4,832	52.5	3,282	1,550
Vancouver International	21,729	21,705	-0.1	21,705	0
Victoria International	11,339	10,711	-5.5	6,278	4,433
Waterloo Regional	9,021	6,069	-32.7	2,392	3,677
Whitehorse	1,092	744	-31.9	640	104
Windsor	2,845	2,386	-16.1	1,510	876
Winnipeg International	11,344	12,240	7.9	10,611	1,629
Winnipeg/St. Andrews	6,721	4,591	-31.7	1,613	2,978
Yellowknife	3,543	3,503	-1.1	2,644	859
Total (43)	322,265	307,261	-4.7	220,385	86,876

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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