



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 May 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 May 2002, the 43 towered airports reported 433,296 total movements, a decrease of 6% compared to the data reported by the same airports a year earlier. Itinerant movements made up 65% of the total activity, while local traffic stood at 35%.

In May 2002, the top five reporting airports were: Toronto/LB Pearson Intl, Vancouver Intl, Boundary Bay, Calgary Intl and Montréal/Dorval Intl.

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

July 2002

Note of Appreciation

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

Airports	2001 Total	2002 Total	% change 2002 / 2001	2002 Itinerant	2002 Local
Abbotsford	16,124	16,100	-0.1	6,686	9,414
Boundary Bay	21,789	19,219	-11.8	6,714	12,505
Calgary International	21,696	18,975	-12.5	18,437	538
Calgary/Springbank	14,108	12,687	-10.1	5,871	6,816
Chicoutimi/St-Honoré	7,958	7,349	-7.7	2,959	4,390
Edmonton City Centre	8,692	8,944	2.9	7,557	1,387
Edmonton International	8,627	8,772	1.7	7,341	1,431
Edmonton/Villeneuve	5,037	7,235	43.6	1,575	5,660
Gander International	4,726	3,523	-25.5	2,291	1,232
Halifax International	8,519	7,993	-6.2	6,968	1,025
Hamilton	10,319	9,639	-6.6	5,051	4,588
Kelowna	8,089	7,030	-13.1	4,030	3,000
Langley	8,047	8,214	2.1	2,896	5,318
London	10,215	11,148	9.1	5,566	5,582
Moncton	5,150	6,539	27.0	4,291	2,248
Montréal/Dorval International	17,746	16,532	-6.8	16,532	0
Montréal/Mirabel International	3,603	3,216	-10.7	2,573	643
Montréal/St-Hubert	17,371	15,119	-13.0	7,340	7,779
Oshawa	6,961	6,983	0.3	3,295	3,688
Ottawa/Macdonald-Cartier International	15,709	14,475	-7.9	10,841	3,634
Pitt Meadows	11,175	8,074	-27.7	2,835	5,239
Prince George	4,635	4,204	-9.3	2,265	1,939
Québec/Jean Lesage International	14,863	13,858	-6.8	9,003	4,855
Regina	5,140	4,971	-3.3	3,349	1,622
Saskatoon/JG Diefenbaker	8,215	8,768	6.7	5,342	3,426
Sault Ste. Marie	5,908	6,230	5.5	2,603	3,627
Sept-Îles	2,635	2,168	-17.7	1,936	232
St. John's	4,872	4,940	1.4	3,912	1,028
St-Jean	2,087	2,224	6.6	1,778	446
Sudbury	6,914	7,288	5.4	3,617	3,671
Thunder Bay	9,420	9,593	1.8	4,911	4,682
Toronto/Buttonville Municipal	16,846	15,512	-7.9	8,274	7,238
Toronto/City Centre	10,327	10,901	5.6	5,387	5,514
Toronto/LB Pearson International	36,083	32,559	-9.8	32,559	0
Vancouver Harbour	6,538	6,266	-4.2	5,197	1,069
Vancouver International	28,422	25,237	-11.2	25,231	6
Victoria International	15,948	14,948	-6.3	8,516	6,432
Waterloo Regional	14,510	12,423	-14.4	5,331	7,092
Whitehorse	3,832	3,207	-16.3	1,715	1,492
Windsor	3,672	3,627	-1.2	2,009	1,618
Winnipeg International	13,564	13,413	-1.1	11,457	1,956
Winnipeg/St. Andrews	8,753	8,639	-1.3	2,477	6,162
Yellowknife	6,115	4,554	-25.5	3,442	1,112
Total (43)	460,960	433,296	-6.0	281,960	151,336

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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