



Aircraft movements statistics annual

Transport Canada

TP 1496

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Aircraft Movement Statistics Annual 2002 (Preliminary)

Airports with NAV CANADA Air Traffic Control Towers

The data in this bulletin represent preliminary annual statistics for airports with NAV CANADA air traffic control towers. Historical issues of the monthly bulletins are available on-line at <http://www.tc.gc.ca/pol/en/Report/TP1496/tp1496.htm>

In 2002, the 43 Canadian airports with NAV CANADA air traffic control towers reported 4.73 million aircraft movements, a decrease of 5% compared to 2001 (4.98 million). The total aircraft movements have shown a declining trend since the last peak recorded in 1999 (5.32 million).

The decrease in movements in 2002 was reflected in both itinerant and local movements. Itinerant movements (flights from one airport to another) were down by 162,275 movements (-5%), the third consecutive annual decrease. Local movements (flights that remain in the vicinity of the airport) were down 94,248 movements (-5.6%) following a very slight increase the year before.

The ten airports handling the most itinerant movements in 2002 all recorded decreases compared to 2001. The declines ranged from -2.0% at Montréal/Dorval to -7.9% at Québec/Jean Lesage International. The ten airports handling the most local movements recorded more variation in the year-over-year comparisons. Abbotsford recorded a 20% increase in local movements compared to 2001, while eight airports showed decreases in local movements ranging from -6.6% at Montréal/St-Hubert to -18.9% at Winnipeg/St. Andrews.

More detailed statistics for airports with NAV CANADA air traffic control towers and flight service stations will be released in the Aircraft Movement Statistics annual report (TP 577 - Volume 1). Annual statistics for airports without air traffic control towers will appear in TP 577 - Volume 2. Upon release, the TP 577 reports are available (free) on-line at <http://www.tc.gc.ca/pol/en/Report/tp577/tp577.htm>

For further information concerning this bulletin, please contact Aviation Statistics Centre, Statistics Canada (1-866-500-8400). Internet: aviationstatistics@statcan.ca

March 2003

Note of Appreciation

Canada owes the success of its statistical system to a long-standing partnership between Statistics Canada, the citizens of Canada, its businesses and governments. Accurate and timely statistical information could not be produced without their continued cooperation and goodwill.

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Aircraft Movement by Class of Operation - 2002 - Preliminary, Airports with NAV CANADA Towers

Airports	2001	2002	% change	2002	2002
	Total	Total	2002/ 2001	Itinerant	Local
Abbotsford	141,098	157,496	11.6	64,411	93,085
Boundary Bay	215,442	188,471	-12.5	70,216	118,255
Calgary International	236,285	223,132	-5.6	217,506	5,626
Calgary/Springbank	161,457	140,246	-13.1	65,937	74,309
Chicoutimi/St-Honoré	65,481	70,432	7.6	24,408	46,024
Edmonton City Centre	97,038	97,207	0.2	83,007	14,200
Edmonton International	104,144	107,260	3.0	93,287	13,973
Edmonton/Villeneuve	81,310	80,012	-1.6	16,481	63,531
Gander International	51,126	40,859	-20.1	26,871	13,988
Halifax International	94,614	85,033	-10.1	77,157	7,876
Hamilton	111,170	102,051	-8.2	56,373	45,678
Kelowna	81,309	78,048	-4.0	46,709	31,339
Langley	79,815	85,739	7.4	28,079	57,660
London	128,520	123,481	-3.9	62,683	60,798
Moncton/Greater Moncton Intl	70,037	73,275	4.6	46,384	26,891
Montréal/Dorval International	196,212	192,225	-2.0	192,225	0
Montréal/Mirabel International	44,887	41,153	-8.3	32,977	8,176
Montréal/St-Hubert	182,056	170,185	-6.5	81,928	88,257
Oshawa	76,396	73,461	-3.8	33,275	40,186
Ottawa/Macdonald-Cartier International	177,491	165,704	-6.6	124,386	41,318
Pitt Meadows	95,459	77,546	-18.8	30,372	47,174
Prince George	43,592	38,612	-11.4	25,767	12,845
Québec/Jean Lesage International	151,650	135,646	-10.6	93,705	41,941
Regina Intl	60,036	59,010	-1.7	38,123	20,887
Saskatoon/JG Diefenbaker	96,466	88,717	-8.0	54,652	34,065
Sault Ste. Marie	51,937	58,296	12.2	27,486	30,810
Sept-Îles	28,925	24,551	-15.1	22,623	1,928
St. John's	60,783	57,136	-6.0	44,260	12,876
St-Jean	27,105	30,471	12.4	24,248	6,223
Sudbury	68,152	70,421	3.3	36,659	33,762
Thunder Bay	100,930	106,378	5.4	54,446	51,932
Toronto/Buttonville Municipal	171,857	153,039	-10.9	79,548	73,491
Toronto/City Centre	129,505	115,474	-10.8	53,439	62,035
Toronto/LB Pearson International	405,028	384,315	-5.1	384,315	0
Vancouver Harbour	65,565	73,335	11.9	55,071	18,264
Vancouver International	313,612	296,635	-5.4	296,627	8
Victoria International	180,637	164,400	-9.0	97,409	66,991
Waterloo Regional	147,185	136,834	-7.0	56,618	80,216
Whitehorse	31,835	25,204	-20.8	16,289	8,915
Windsor	37,631	39,389	4.7	23,441	15,948
Winnipeg International	154,230	155,298	0.7	130,430	24,868
Winnipeg/St. Andrews	109,647	92,350	-15.8	25,780	66,570
Yellowknife	57,052	49,657	-13.0	38,304	11,353
Total (43)	4,984,707	4,728,184	-5.1	3,153,912	1,574,272

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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