



Aircraft movements statistics annual

Transport Canada

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Aircraft Movement Statistics Annual 2003 (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.

In 2003, the 42 Canadian airports with NAV CANADA air traffic control towers reported almost 4.5 million aircraft take-offs and landings, a decrease of 4.4% compared to 2002 (4.7 million). The total aircraft movements recorded at the towered airports have shown a declining trend since the last peak recorded in 1999 (5.3 million).

The decrease in movements in 2003 was reflected in both itinerant and local movements, thirty airports showed decreases in 2003 compared to 2002. Itinerant movements (flights from one airport to another) were down by 38,906 movements (-1.2%), the fourth consecutive annual decrease. Local movements (flights that remain in the vicinity of the airport) were down 167,563 movements (-10.6%), the second consecutive annual decrease.

Five of the ten airports handling the most itinerant movements in 2003 recorded decreases compared to 2002. The year-over-year variations ranged from 3.1% at Montréal/Dorval to -8.7% at Québec/Jean Lesage International. Nine of the ten airports handling the most local movements recorded decreases compared to 2002. The year-over-year comparisons ranged from 6.9% at Montréal/St-Hubert to -23.7 at Edmonton/Villeneuve.

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). Upon release, the TP 577 report is 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

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Note of Appreciation

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Aircraft Movement by Class of Operation - 2003 - Preliminary, Airports with NAV Canada Towers

Airports	2002 Total	2003 Total	% change 2003 / 2002	2003 Itinerant	2003 Local
Abbotsford	157,496	155,740	-1.1	65,564	90,176
Boundary Bay	188,471	184,510	-2.1	72,339	112,171
Calgary International	223,132	218,638	-2.0	214,947	3,691
Calgary/Springbank	140,246	126,553	-9.8	56,265	70,288
Chicoutimi/St-Honoré	70,432	66,009	-6.3	23,293	42,716
Edmonton City Centre	97,207	85,982	-11.5	78,042	7,940
Edmonton International	107,260	113,231	5.6	94,991	18,240
Edmonton/Villeneuve	80,012	68,038	-15.0	19,543	48,495
Gander International	40,859	41,674	2.0	26,702	14,972
Halifax International	85,033	88,215	3.7	78,829	9,386
Hamilton	102,051	94,527	-7.4	56,059	38,468
Kelowna	78,048	69,536	-10.9	46,585	22,951
Langley	85,739	79,681	-7.1	31,477	48,204
London	123,481	118,107	-4.4	58,707	59,400
Moncton/Greater Moncton Intl	73,275	64,790	-11.6	42,254	22,536
Montréal/Dorval International	192,225	198,277	3.1	198,277	0
Montréal/Mirabel International	41,153	40,366	-1.9	31,785	8,581
Montréal/St-Hubert	170,185	178,561	4.9	84,230	94,331
Oshawa	73,461	66,790	-9.1	31,226	35,564
Ottawa/Macdonald-Cartier International	165,704	156,242	-5.7	122,372	33,870
Pitt Meadows	77,546	81,343	4.9	34,827	46,516
Prince George	38,612	39,990	3.6	27,171	12,819
Québec/Jean Lesage International	135,646	116,515	-14.1	85,542	30,973
Regina Intl	59,010	56,704	-3.9	38,614	18,090
Saskatoon/JG Diefenbaker	88,717	76,474	-13.8	51,557	24,917
Sault Ste. Marie	58,296	64,424	10.5	29,193	35,231
St. John's	57,136	57,811	1.2	43,175	14,636
St-Jean	30,471	38,481	26.3	29,569	8,912
Sudbury	70,421	58,702	-16.6	33,315	25,387
Thunder Bay	106,378	102,380	-3.8	56,880	45,500
Toronto/Buttonville Municipal	153,039	143,998	-5.9	76,705	67,293
Toronto/City Centre	115,474	92,843	-19.6	41,739	51,104
Toronto/LB Pearson International	384,315	371,458	-3.3	371,458	0
Vancouver Harbour	73,335	82,728	12.8	59,549	23,179
Vancouver International	296,635	290,292	-2.1	290,258	34
Victoria International	164,400	155,869	-5.2	98,637	57,232
Waterloo Regional	136,834	111,833	-18.3	50,570	61,263
Whitehorse	25,204	23,510	-6.7	14,795	8,715
Windsor	39,389	38,845	-1.4	23,116	15,729
Winnipeg International	155,298	151,635	-2.4	133,214	18,421
Winnipeg/St. Andrews	92,350	75,066	-18.7	28,449	46,617
Yellowknife	49,657	50,794	2.3	40,562	10,232
Total (42)	4,703,633	4,497,162	-4.4	3,092,382	1,404,780

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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