Aircraft movement statistics annual

Aircraft Movement Statistics 2004 (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.

The 42 Canadian airports with NAV CANADA air traffic control towers reported almost 4.4 million aircraft take-offs and landings in 2004, a decrease of 3.2% compared to 2003 (4.5 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).

Twenty-nine airports showed decreases in 2004 compared with 2003. Vancouver Harbour, Toronto/City Centre, Sudbury and London showed the largest year-over-year declines in aircraft movements, each showing declines of more than 20,000 movements. While these airports showed moderate declines in itinerant movements (flights from one airport to another), they were the top four airports in terms of losses of local movements (flights that remain in the vicinity of the airport). Toronto/LB Pearson Intl (+32,918 movements) and Vancouver Intl (+24,166 movements) showed the largest gains in aircraft movements compared to 2003.

Overall, itinerant movements were up by 6,249 movements (+0.2%) following four years of decreases. The year-over-year variations ranged from 8.9% at Toronto/LB Pearson Intl to -3.3% at Winnipeg Intl. Five of the ten airports handling the most itinerant movements in 2004 recorded increases compared to 2003.

Local movements were down 151,613 movements (-10.8%), making the third consecutive annual decrease. The year-over-year comparisons ranged from 10.6% at Thunder Bay to -14.4 at Waterloo Regional. Four of the ten airports handling the most local movements recorded decreases compared to 2003.

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*

January 2005

Statistics Canada Statistique Canada
Transport Canada Transports Canada

Canada

Aircraft Movements by Class of Operation - 2004- Preliminary, Airports with NAV CANADA Towers

Airports	2003 Total	2004 Total	% change 2004 / 2003	2004 Itinerant	2004 Local
Abbotsford	155,746	149,099	-4.3	63,409	85,690
Boundary Bay	184,511	178,326	-3.4	71,214	107,112
Calgary International	218,771	218,347	-0.2	214,813	3,534
Calgary/Springbank	126,558	120,182	-5.0	49,928	70,254
Chicoutimi/St-Honoré	66,009	69,022	4.6	24,606	44,416
Edmonton City Centre	85,999	74,821	-13.0	67,401	7,420
Edmonton International	113,302	110,395	-2.6	98,777	11,618
Edmonton/Villeneuve	68,038	63,471	-6.7	18,378	45,093
Gander International	41,676	37,170	-10.8	24,377	12,793
Halifax International	88,228	89,822	1.8	81,696	8,126
Hamilton	94,537	82,243	-13.0	48,074	34,169
Kelowna	69,559	68,869	-1.0	47,391	21,478
Langley	79,681	82,014	2.9	31,346	50,668
London	118,111	95,233	-19.4	54,965	40,268
Moncton/Greater Moncton International	64,796	62,085	-4.2	42,156	19,929
Montréal/Mirabel International	40,376	36,714	-9.1	29,766	6,948
Montréal/Pierre Elliott Trudeau International	198,341	205,364	3.5	205,364	0
Montréal/St-Hubert	178,563	167,618	-6.1	83,196	84,422
Oshawa	66,792	62,472	-6.5	28,574	33,898
Ottawa/Macdonald-Cartier International	156,270	154,004	-1.5	119,063	34,941
Pitt Meadows	81,343	89,303	9.8	40,044	49,259
Prince George	40,001	44,082	10.2	29,295	14,787
Québec/Jean Lesage International	116,523	109,161	-6.3	84,340	24,821
Regina Intl	56,718	47,894	-15.6	35,614	12,280
Saskatoon/JG Diefenbaker	76,490	76,565	0.1	49,828	26,737
Sault Ste. Marie	64,425	53,447	-17.0	25,398	28,049
St. John's	57,816	51,727	-10.5	42,119	9,608
St-Jean	38,481	34,313	-10.8	28,625	5,688
Sudbury	58,702	38,210	-34.9	29,558	8,652
Thunder Bay	102,385	109,943	7.4	59,640	50,303
Toronto/Buttonville Municipal	143,999	148,960	3.4	75,732	73,228
Toronto/City Centre	92,843	68,429	-26.3	34,070	34,359
Toronto/LB Pearson International	371,610	404,528	8.9	404,528	0
Vancouver Harbour	82,731	56,855	-31.3	55,345	1,510
Vancouver International	290,478	314,644	8.3	314,640	4
Victoria International	155,918	155,837	-0.1	98,864	56,973
Waterloo Regional	111,834	103,013	-7.9	50,578	52,435
Whitehorse	23,512	23,980	2.0	15,337	8,643
Windsor	38,848	32,756	-15.7	20,400	12,356
Winnipeg International	151,691	138,828	-8.5	128,922	9,906
Winnipeg/St. Andrews	75,068	64,109	-14.6	28,082	36,027
Yellowknife	50,802	58,863	15.9	44,082	14,781
Total (42)	**4,498,082**	**4,352,718**	**-3.2**	**3,099,535**	**1,253,183**

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

 0 true zero or a value rounded to zero

0^s value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded

 [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

Standards of service to the public

Statistics Canada is committed to serving its clients in a prompt, reliable and courteous manner and in the official language of their choice. To this end, the Agency has developed standards of service which its employees observe in serving its clients. To obtain a copy of these service standards, please contact Statistics Canada toll free at 1 800 263-1136.