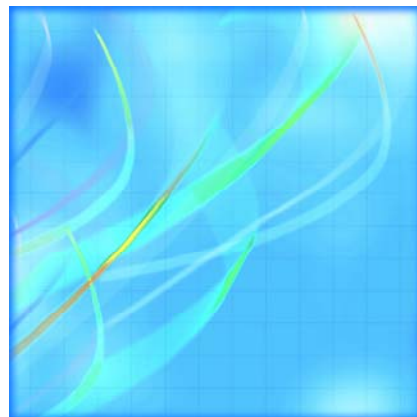


# Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



February 2012



Statistics  
Canada

Statistique  
Canada

Canada

## How to obtain more information

For information about this product or the wide range of services and data available from Statistics Canada, visit our website at [www.statcan.gc.ca](http://www.statcan.gc.ca), e-mail us at [infostats@statcan.gc.ca](mailto:infostats@statcan.gc.ca), or telephone us, Monday to Friday from 8:30 a.m. to 4:30 p.m., at the following numbers:

### Statistics Canada's National Contact Centre

Toll-free telephone (Canada and the United States):

Inquiries line	1-800-263-1136
National telecommunications device for the hearing impaired	1-800-363-7629
Fax line	1-877-287-4369

Local or international calls:

Inquiries line	1-613-951-8116
Fax line	1-613-951-0581

### Depository Services Program

Inquiries line	1-800-635-7943
Fax line	1-800-565-7757

## To access this product

This product, Catalogue no. 51-008-X, is available free in electronic format. To obtain a single issue, visit our website at [www.statcan.gc.ca](http://www.statcan.gc.ca) and browse by "Key resource" > "Publications."

## Standards of service to the public

Statistics Canada is committed to serving its clients in a prompt, reliable and courteous manner. To this end, Statistics Canada has developed *standards of service* that its employees observe. To obtain a copy of these service standards, please contact Statistics Canada toll-free at 1-800-263-1136. The service standards are also published on [www.statcan.gc.ca](http://www.statcan.gc.ca) under "About us" > "The agency" > "Providing services to Canadians."

# Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)

February 2012

Published by authority of the Minister responsible for Statistics Canada

© Minister of Industry, 2012 and the © Minister of Transport, 2012

All rights reserved. Use of this publication is governed by the *Statistics Canada  
Open License Agreement*:

<http://www.statcan.gc.ca/reference/copyright-droit-auteur-eng.htm>

May 2012

Catalogue no. 51-008-X

ISSN 1911-6330

Frequency: Monthly

Ottawa

Cette publication est également disponible en français.

---

## **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, governments and other institutions. Accurate and timely statistical information could not be produced without their continued cooperation and goodwill.*

# User information

---

## Symbols

The following standard symbols are used in Statistics Canada publications:

- . 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<sup>s</sup> 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
- \* significantly different from reference category ( $p < 0.05$ )

## Acknowledgments

Statistics Canada would like to thank all of the respondents and data suppliers whose participation has enabled us to provide the statistical information contained in this publication.

The information found in this publication could not have been produced if not for the cooperation of our respondents and data suppliers.

This publication was prepared by the Aviation Statistics Centre, of the Transportation Division, Statistics Canada under the general direction of **Fred Barzyk**, Director, Transportation Division and **Norah Hillary**, Chief, Aviation Statistics Centre. **Kathie Davidson**, **Rose Krakower**, **Conrad Ogrodnik**, **John Scolli** and **Bev Pomfret** contributed to the preparation of this publication.

# Table of contents

---

<b>Highlights</b>	<b>4</b>
<b>Analysis</b>	<b>5</b>
<b>Related products</b>	<b>6</b>
<b>Statistical tables</b>	
1 Total aircraft movements by class of operation	10
2 Itinerant movements	12
2-1 by class and type of operation	12
2-2 by type of power plant	14
2-3 by aircraft weight groups	16
3 Local movements by type of operation	18
<b>Data quality, concepts and methodology</b>	
Methodology	19
Data quality and limitations	20
<b>Appendix</b>	
I Factors influencing the data	21
II Glossary of terms	23

## Highlights

Goose Bay, Newfoundland and Labrador, the most active site in February 2012, recorded 2,488 itinerant movements. This represented 7.5% of the total itinerant movements registered by 116 airports without air traffic control towers.

Peterborough, Ontario (1,806 movements) followed by Barrie-Orillia-Lake Simcoe Regional, Ontario (998 movements) recorded the greatest number of local movements in February 2012.

### Text table 1

#### Distribution of aircraft movements at airports without control towers with the same period a year ago

	February 2011	February 2012	Percentage change, February 2011 to February 2012	Year-to-date total		Percentage change 2011 to 2012
				2011	2012	
	number		percent	number		percent
<b>Total</b>	<b>36,807</b>	<b>40,973</b>	<b>11.3</b>	<b>75,447</b>	<b>76,379</b>	<b>1.2</b>
<b>Itinerant movements</b>						
Carrier	22,829	24,572	7.6	46,589	47,320	1.6
Other commercial	915	962	5.1	1,563	1,468	-6.1
Private	1,881	2,906	54.5	3,715	4,647	25.1
Government						
Civil	1,045	1,252	19.8	2,118	2,384	12.6
Military	670	788	17.6	1,345	1,485	10.4
<b>Total</b>	<b>29,799</b>	<b>33,019</b>	<b>10.8</b>	<b>59,909</b>	<b>61,531</b>	<b>2.7</b>
<b>Local movements</b>						
Civil	4,525	5,608	23.9	10,394	10,053	-3.3
Military	7	32	357.1	37	89	140.5
<b>Total</b>	<b>4,760</b>	<b>6,085</b>	<b>27.8</b>	<b>10,992</b>	<b>10,904</b>	<b>-0.8</b>
Number of airports in the survey	137	135	...	137	135	...

## Analysis

---

In February 2012, the number of take-offs and landings at the 135 airports without air traffic control towers reached 40,973 movements. Goose Bay, Newfoundland and Labrador (2,488 movements) followed by Peterborough, Ontario (2,333 movements) were the most active sites. Of the 131 airports for which year-over-year comparisons were possible, increases were reported by 69 of these airports.

There were 33,019 itinerant movements (flights from one airport to another) recorded by 116 airports without air traffic control towers in February 2012. Goose Bay, Newfoundland and Labrador (2,488 movements) followed by Red Lake, Ontario (1,644 movements) recorded the greatest number of itinerant movements in February 2012.

Thirty-eight airports without air traffic control towers reported 6,085 local movements (flights that remain in the vicinity of the airport) in February 2012. Peterborough, Ontario, the most active site, recorded 1,806 take-offs and landings. This represented 27.0% of the total local movements reported.

Total reported itinerant and local movements increased by 11.3% in February 2012 from February 2011. This growth in the number of aircraft movements can be partly attributed to the extra day for the leap year as well as poor weather conditions in 2011.

## Related products

---

### Selected publications from Statistics Canada

---

51-007-X	Aircraft Movement Statistics: NAV CANADA Towers and Flight Service Stations (TP 141)
51-203-X	Air Carrier Traffic at Canadian Airports
51-206-X	Canadian Civil Aviation
51-209-X	Aircraft Movement Statistics: NAV CANADA Towers and Flight Service Stations: Annual Report (TP 577)
51-210-X	Aircraft Movement Statistics: Airports Without Air Traffic Control Towers: Annual Report (TP 577)

---

### Selected CANSIM tables from Statistics Canada

---

401-0007	Aircraft movements, by class of operation and peak hour and peak day of movements, airports with NAV CANADA towers, monthly
401-0008	Aircraft movements, by civil and military movements, airports with NAV CANADA towers, monthly
401-0009	Itinerant movements, by type of operation, airports with NAV CANADA towers, monthly
401-0010	Itinerant movements, by instrument flight rules, visual flight rules and runway 88, airports with NAV CANADA towers, monthly
401-0011	Itinerant movements, by type of power plant, airports with NAV CANADA towers, monthly
401-0012	Itinerant movements, by aircraft gross take-off weight, airports with NAV CANADA towers, monthly
401-0013	Domestic and international itinerant movements, by type of operation, airports with NAV CANADA towers, monthly
401-0014	Aircraft movements, by class of operation and peak hour and peak day of movements, airports with NAV CANADA flight service stations, monthly
401-0015	Aircraft movements, by civil and military movements, airports with NAV CANADA flight service stations, monthly
401-0016	Itinerant movements, by type of operation, airports with NAV CANADA flight service stations, monthly
401-0017	Itinerant movements, by instrument flight rules, visual flight rules and runway 88, airports with NAV CANADA flight service stations, monthly

---



401-0018	Itinerant movements, by type of power plant, airports with NAV CANADA flight service stations, monthly
401-0019	Itinerant movements, by aircraft gross take-off weight, airports with NAV CANADA flight service stations, monthly
401-0020	Domestic and international itinerant movements, by type of operation, airports with NAV CANADA flight service stations, monthly
401-0021	Monthly aircraft movements, by class of operation and type of operation, airports without air traffic control towers
401-0022	Monthly itinerant movements, by weight group and type of power plant, airports without air traffic control towers
401-0023	Aircraft movements, by class of operation, airports with NAV CANADA towers, annual
401-0024	Aircraft movements, by civil and military movements, airports with NAV CANADA towers, annual
401-0025	Itinerant movements, by type of operation, airports with NAV CANADA towers, annual
401-0026	Itinerant movements, by instrument flight rules, visual flight rules and runway 88, airports with NAV CANADA towers, annual
401-0027	Itinerant movements, by type of power plant, airports with NAV CANADA towers, annual
401-0028	Itinerant movements, by aircraft gross take-off weight, airports with NAV CANADA towers, annual
401-0029	Domestic and international itinerant movements, by type of operation, airports with NAV CANADA towers, annual
401-0030	Aircraft movements, by class of operation, airports with NAV CANADA flight service stations, annual
401-0031	Aircraft movements, by civil and military movements, airports with NAV CANADA flight service stations, annual
401-0032	Itinerant movements, by type of operation, airports with NAV CANADA flight service stations, annual
401-0033	Itinerant movements, by instrument flight rules, visual flight rules and runway 88, airports with NAV CANADA flight service stations, annual
401-0034	Itinerant movements, by type of power plant, airports with NAV CANADA flight service stations, annual
401-0035	Itinerant movements, by aircraft gross take-off weight, airports with NAV CANADA flight service stations, annual
401-0036	Domestic and international itinerant movements, by type of operation, airports with NAV CANADA flight service stations, annual
401-0037	Annual aircraft movements, by class of operation and type of operation, airports without air traffic control towers

401-0038	Annual itinerant movements, by weight group and type of power plant, airports without air traffic control towers
----------	--

---

### **Selected surveys from Statistics Canada**

---

2715	Aircraft Movement Statistics
------	------------------------------

---

### **Selected summary tables from Statistics Canada**

---

- *Aircraft movements by class of operation (monthly)*

# Statistical tables

---

**Table 1**  
**Total aircraft movements by class of operation**

	Number of days reported for current month	Total, itinerant and local movements	Total itinerant movements	Total local movements
	number			
Aklavik, Northwest Territories	1	2	2	0
Akulivik, Quebec	.	149	149	0
Amos Municipal, Quebec	29	95	60	35
Arctic Bay, Nunavut	20	50	50	0
Arviat, Nunavut	24	204	204	0
Aupaluk, Quebec	.	80	80	0
Baie-Comeau, Quebec	29	1,128	1,032	96
Baker Lake, Nunavut	26	325	325	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	29	1,453	455	998
Bathurst, New Brunswick	29	223	223	0
Beaver Creek, Yukon	3	6	6	0
Berens River, Manitoba	..	100	..	..
Bloodvein River, Manitoba	..	98	..	..
Brochet, Manitoba	..	88	..	..
Bromont, Quebec	18	192	192	0
Buffalo Narrows, Saskatchewan	26	546	540	6
Burwash, Yukon	2	4	4	0
Cambridge Bay, Nunavut	28	312	312	0
Cape Dorset, Nunavut	19	72	72	0
Charlo, New Brunswick	19	53	53	0
Chesterfield Inlet, Nunavut	21	123	123	0
Chevery, Quebec	25	290	290	0
Chibougamau/Chapais, Quebec	28	447	437	10
Clyde River, Nunavut	25	120	120	0
Collingwood, Ontario	29	706	602	104
Comox, British Columbia	29	1,407	1,407	0
Coral Harbour, Nunavut	25	159	159	0
Cross Lake, Manitoba	..	158	..	..
Dauphin, Manitoba	28	337	331	6
Dawson, Yukon	28	206	206	0
Dawson Creek, British Columbia	29	568	442	126
Déline, Northwest Territories	25	158	158	0
Digby, Nova Scotia	13	49	24	25
Drummondville, Quebec	29	364	234	130
Dryden Regional, Ontario	29	705	649	56
Eastmain River, Quebec	23	106	106	0
Elliot Lake Municipal, Ontario	27	328	222	106
Eureka, Nunavut	7	8	8	0
Faro, Yukon	10	27	27	0
Flin Flon, Manitoba	29	482	482	0
Fort Frances Municipal, Ontario	29	396	396	0
Fort Liard, Northwest Territories	8	16	16	0
Fort Resolution, Northwest Territories	9	25	25	0
Fort Simpson, Northwest Territories	29	189	189	0
Gamëti/Rae Lakes, Northwest Territories	26	141	141	0
Gaspé, Quebec	29	334	316	18
Geraldton, Ontario	22	108	108	0
Gillam, Manitoba	27	210	210	0
Gjoa Haven, Nunavut	23	100	100	0
Gods Lake Narrows, Manitoba	..	97	..	..
Gods River, Manitoba	..	128	..	..
Goose Bay, Newfoundland and Labrador	29	2,488	2,488	0
Grise Fiord, Nunavut	9	20	20	0
Hall Beach, Nunavut	25	125	125	0
Havre St-Pierre, Quebec	22	273	273	0
Hay River, Northwest Territories	29	457	454	3
Hearst/René Fontaine Municipal, Ontario	20	98	98	0
Igloolik, Nunavut	28	111	111	0
Ilford, Manitoba	..	22	..	..
Inukjuak, Quebec	.	204	204	0
Island Lake, Manitoba	29	1,008	1,004	4
Ivujivik, Quebec	.	98	98	0
Kangiqsualujuaq, Quebec	.	142	142	0
Kangiqsujuaq, Quebec	.	123	122	1
Kangirsuk, Quebec	.	191	162	29
Kapuskasing, Ontario	29	357	277	80
Kimmirut, Nunavut	15	40	40	0
Kugaaruk, Nunavut	24	68	68	0

Table 1 – continued

## Total aircraft movements by class of operation

	Number of days reported for current month	Total, itinerant and local movements	Total itinerant movements	Total local movements
		number		
Kugluktuk, Nunavut	27	224	224	0
Kuujuaupik, Quebec	29	434	426	8
Lac Brochet, Manitoba	..	100	..	..
Little Grand Rapids, Manitoba	..	146	..	..
Lourdes-de-Blanc-Sablon, Quebec	28	443	443	0
Lutselk'e, Northwest Territories	24	138	138	0
Mayo, Yukon	23	114	114	0
Miramichi, New Brunswick	27	309	309	0
Moosonee, Ontario	29	830	804	26
Muskoka, Ontario	29	690	544	146
Nakina, Ontario	29	721	711	10
Natashquan, Quebec	24	266	266	0
Norway House, Manitoba	29	324	324	0
Old Crow, Yukon	24	61	61	0
Oxford House, Manitoba	..	164	..	..
Pabok, Quebec	11	23	23	0
Pangnirtung, Nunavut	27	182	182	0
Paulatuk, Northwest Territories	19	61	61	0
Peterborough, Ontario	29	2,333	527	1,806
Pickle Lake, Ontario	29	1,295	1,287	8
Pikwitonei, Manitoba	..	4	..	..
Pond Inlet, Nunavut	22	50	50	0
Poplar River, Manitoba	..	112	..	..
Port-Menier, Quebec	19	128	128	0
Prince Rupert/Digby Island, British Columbia	10	20	20	0
Prince Rupert/Seal Cove, British Columbia	29	806	806	0
Pukatawagan, Manitoba	..	116	..	..
Puvirnituq, Quebec	..	462	460	2
Qikiqtarjuaq, Nunavut	18	55	55	0
Quaqtaq, Quebec	..	145	145	0
Quesnel, British Columbia	29	288	270	18
Red Lake, Ontario	29	1,875	1,644	231
Red Sucker Lake, Manitoba	..	244	..	..
Repulse Bay, Nunavut	25	134	134	0
Resolute Bay, Nunavut	27	107	107	0
Rimouski, Quebec	27	188	186	2
Roberval, Quebec	25	277	247	30
Sachs Harbour, Northwest Territories	13	31	31	0
Salluit, Quebec	..	144	144	0
Sandspit, British Columbia	29	164	164	0
Shamattawa, Manitoba	..	148	..	..
Sherbrooke, Quebec	27	463	147	316
South Indian Lake, Manitoba	..	70	..	..
St. Anthony, Newfoundland and Labrador	27	327	327	0
St. Theresa Point, Manitoba	29	627	627	0
Stephenville, Newfoundland and Labrador	23	117	117	0
Stony Rapids, Saskatchewan	29	842	842	0
Sydney, Nova Scotia	29	419	401	18
Tadoule Lake, Manitoba	..	46	..	..
Taloyoak, Nunavut	26	118	118	0
Tasiujaq, Quebec	..	107	107	0
Teslin, Yukon	2	4	4	0
The Pas, Manitoba	29	263	261	2
Thicket Portage, Manitoba	..	2	..	..
Tillsonburg, Ontario	..	591	178	413
Tofino, British Columbia	29	297	263	34
Trois-Rivières, Quebec	25	613	432	181
Tuktoyaktuk, Northwest Territories	20	51	51	0
Ulukhaktot/Holman, Northwest Territories	22	74	74	0
Umiujaq, Quebec	..	162	162	0
Waskaganish, Quebec	17	140	130	10
Watson Lake, Yukon	19	81	81	0
Welland/Niagara Central, Ontario	21	591	60	531
Wemindji, Quebec	22	124	124	0
Whale Cove, Nunavut	22	120	120	0
York Landing, Manitoba	..	26	..	..
Yorkton Municipal, Saskatchewan	29	845	385	460
<b>Total (135)</b>	<b>29</b>	<b>40,973</b>	<b>33,019</b>	<b>6,085</b>

**Table 2-1**  
**Itinerant movements by class and type of operation**

	Total itinerant movements	Domestic			International			Government	
		Carrier	Other commercial	Private	Carrier	Other commercial	Private	Civil	Military
		number							
Aklavik, Northwest Territories	2	2	0	0	0	0	0	0	0
Akulivik, Quebec	149	.	.	.	.	.	.	.	.
Amos Municipal, Quebec	60	43	3	12	0	0	0	2	0
Arctic Bay, Nunavut	50	42	8	0	0	0	0	0	0
Arviat, Nunavut	204	204	0	0	0	0	0	0	0
Aupaluk, Quebec	80	.	.	.	.	.	.	.	.
Baie-Comeau, Quebec	1,032	824	30	107	0	0	0	65	6
Baker Lake, Nunavut	325	303	17	0	5	0	0	0	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	455	166	17	198	0	0	16	58	0
Bathurst, New Brunswick	223	184	2	11	9	0	7	10	0
Beaver Creek, Yukon	6	6	0	0	0	0	0	0	0
Bromont, Quebec	192	23	37	120	0	0	2	0	10
Buffalo Narrows, Saskatchewan	540	488	22	6	0	0	0	24	0
Burwash, Yukon	4	2	0	1	0	0	1	0	0
Cambridge Bay, Nunavut	312	310	0	0	0	0	0	0	2
Cape Dorset, Nunavut	72	64	2	0	0	0	0	6	0
Charlo, New Brunswick	53	22	10	21	0	0	0	0	0
Chesterfield Inlet, Nunavut	123	116	0	0	1	0	0	6	0
Chevery, Quebec	290	262	24	4	0	0	0	0	0
Chibougamau/Chapais, Quebec	437	385	6	37	0	0	0	7	2
Clyde River, Nunavut	120	118	0	0	0	0	0	2	0
Collingwood, Ontario	602	76	57	467	0	0	0	0	2
Comox, British Columbia	1,407	1,009	1	5	24	0	0	12	356
Coral Harbour, Nunavut	159	155	0	0	0	0	0	4	0
Dauphin, Manitoba	331	111	45	29	2	0	0	68	76
Dawson, Yukon	206	179	0	9	9	0	5	4	0
Dawson Creek, British Columbia	442	291	17	122	0	0	0	12	0
Déline, Northwest Territories	158	146	0	0	0	0	0	12	0
Digby, Nova Scotia	24	5	0	18	0	0	0	0	1
Drummondville, Quebec	234	98	22	101	0	0	3	0	10
Dryden Regional, Ontario	649	594	4	15	0	0	0	25	11
Eastmain River, Quebec	106	106	0	0	0	0	0	0	0
Elliot Lake Municipal, Ontario	222	160	50	10	0	0	0	2	0
Eureka, Nunavut	8	8	0	0	0	0	0	0	0
Faro, Yukon	27	27	0	0	0	0	0	0	0
Flin Flon, Manitoba	482	466	0	3	0	0	0	13	0
Fort Frances Municipal, Ontario	396	355	0	35	1	0	5	0	0
Fort Liard, Northwest Territories	16	12	0	0	0	0	0	4	0
Fort Resolution, Northwest Territories	25	21	0	0	0	0	0	2	2
Fort Simpson, Northwest Territories	189	183	4	0	0	0	0	0	2
Gamèti/Rae Lakes, Northwest Territories	141	107	0	0	0	0	0	4	30
Gaspé, Quebec	316	245	0	27	0	0	0	44	0
Geraldton, Ontario	108	79	4	2	0	0	0	22	1
Gillam, Manitoba	210	192	0	4	0	0	0	14	0
Gjoa Haven, Nunavut	100	100	0	0	0	0	0	0	0
Goose Bay, Newfoundland and Labrador	2,488	2,025	8	30	93	18	126	89	99
Grise Fiord, Nunavut	20	20	0	0	0	0	0	0	0
Hall Beach, Nunavut	125	125	0	0	0	0	0	0	0
Havre St-Pierre, Quebec	273	245	2	12	0	0	0	14	0
Hay River, Northwest Territories	454	422	0	8	0	0	0	22	2
Hearst/René Fontaine Municipal, Ontario	98	62	4	10	0	0	0	16	6
Igloodlik, Nunavut	111	104	1	0	0	0	0	6	0
Inukjuak, Quebec	204	.	.	.	.	.	.	.	.
Island Lake, Manitoba	1,004	970	2	4	0	0	0	28	0
Ivujivik, Quebec	98	.	.	.	.	.	.	.	.
Kangiqsualujuaq, Quebec	142	.	.	.	.	.	.	.	.
Kangiqsujuaq, Quebec	122	.	.	.	.	.	.	.	.
Kangirsuk, Quebec	162	.	.	.	.	.	.	.	.
Kapuskasing, Ontario	277	273	2	2	0	0	0	0	0
Kimmirut, Nunavut	40	38	0	0	0	0	0	2	0
Kugaaruk, Nunavut	68	68	0	0	0	0	0	0	0
Kugluktuk, Nunavut	224	224	0	0	0	0	0	0	0
Kuujuarapik, Quebec	426	418	0	4	0	0	0	4	0
Louderes-de-Blanc-Sablon, Quebec	443	428	3	2	0	0	0	10	0
Lutselk'e, Northwest Territories	138	132	0	0	0	0	0	4	2
Mayo, Yukon	114	89	0	25	0	0	0	0	0
Miramichi, New Brunswick	309	261	4	31	1	0	0	12	0

Table 2-1 – continued

## Itinerant movements by class and type of operation

	Total itinerant movements	Domestic			International			Government	
		Carrier	Other commercial	Private	Carrier	Other commercial	Private	Civil	Military
		number							
Moosonee, Ontario	804	766	0	38	0	0	0	0	0
Muskoka, Ontario	544	204	75	197	3	1	8	42	14
Nakina, Ontario	711	659	6	22	0	0	0	24	0
Natashquan, Quebec	266	249	1	14	0	0	0	2	0
Norway House, Manitoba	324	309	0	1	0	0	0	12	2
Old Crow, Yukon	61	59	0	0	0	0	0	2	0
Pabok, Quebec	23	7	0	0	0	0	0	16	0
Pangnirtung, Nunavut	182	168	4	2	0	0	0	8	0
Paulatuk, Northwest Territories	61	59	0	0	0	0	0	2	0
Peterborough, Ontario	527	131	83	279	0	0	0	12	22
Pickle Lake, Ontario	1,287	1,168	57	45	0	0	1	16	0
Pond Inlet, Nunavut	50	43	3	0	0	0	0	4	0
Port-Menier, Quebec	128	127	1	0	0	0	0	0	0
Prince Rupert/Digby Island, British Columbia	20	20	0	0	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	806	663	0	37	0	0	9	95	2
Puvirnituq, Quebec	460	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	55	53	0	0	0	0	0	2	0
Quaqtaq, Quebec	145	.	.	.	.	.	.	.	.
Quesnel, British Columbia	270	176	0	86	0	0	0	8	0
Red Lake, Ontario	1,644	1,409	48	57	0	0	0	122	8
Repulse Bay, Nunavut	134	132	0	0	0	0	0	2	0
Resolute Bay, Nunavut	107	100	0	3	1	0	0	0	3
Rimouski, Quebec	186	56	16	110	0	0	0	4	0
Roberval, Quebec	247	89	89	54	1	0	0	14	0
Sachs Harbour, Northwest Territories	31	29	0	0	0	0	0	2	0
Salluit, Quebec	144	.	.	.	.	.	.	.	.
Sandspit, British Columbia	164	152	0	0	0	0	0	10	2
Sherbrooke, Quebec	147	29	16	81	0	0	11	2	8
St. Anthony, Newfoundland and Labrador	327	284	1	2	0	0	0	32	8
St. Theresa Point, Manitoba	627	621	0	4	0	0	0	2	0
Stephenville, Newfoundland and Labrador	117	58	0	13	10	0	7	25	4
Stony Rapids, Saskatchewan	842	688	128	2	0	0	0	24	0
Sydney, Nova Scotia	401	359	0	12	2	0	2	24	2
Taloyoak, Nunavut	118	110	0	0	0	0	0	8	0
Tasiujaq, Quebec	107	.	.	.	.	.	.	.	.
Teslin, Yukon	4	4	0	0	0	0	0	0	0
The Pas, Manitoba	261	240	0	0	0	0	0	17	4
Tillsonburg, Ontario	178	..	..	..	..	..	..	..	..
Tofino, British Columbia	263	142	6	47	2	0	0	51	15
Trois-Rivières, Quebec	432	241	13	172	0	0	0	4	2
Tuktoyaktuk, Northwest Territories	51	51	0	0	0	0	0	0	0
Ulukhakt/Holman, Northwest Territories	74	70	0	0	0	0	0	4	0
Umiujaq, Quebec	162	.	.	.	.	.	.	.	.
Waskaganish, Quebec	130	130	0	0	0	0	0	0	0
Watson Lake, Yukon	81	58	2	9	0	0	0	8	4
Welland/Niagara Central, Ontario	60	8	0	52	0	0	0	0	0
Wemindji, Quebec	124	118	0	6	0	0	0	0	0
Whale Cove, Nunavut	120	120	0	0	0	0	0	0	0
Yorkton Municipal, Saskatchewan	385	220	5	69	0	0	0	23	68
<b>Total (116)</b>	<b>33,019</b>	<b>24,572</b>	<b>962</b>	<b>2,906</b>	<b>164</b>	<b>19</b>	<b>203</b>	<b>1,252</b>	<b>788</b>

**Table 2-2**  
**Itinerant movements by type of power plant**

	Total itinerant movements	Aircraft			Helicopters	Glinters
		Jet	Turbo	Piston		
		number				
Aklavik, Northwest Territories	2	0	2	0	0	0
Akulivik, Quebec	149	.	.	.	.	..
Amos Municipal, Quebec	60	4	34	19	3	0
Arctic Bay, Nunavut	50	0	50	0	0	0
Arviat, Nunavut	204	0	197	4	3	0
Aupaluk, Quebec	80	.	.	.	.	..
Baie-Comeau, Quebec	1,032	34	639	334	25	0
Baker Lake, Nunavut	325	0	321	2	2	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	455	12	117	259	67	0
Bathurst, New Brunswick	223	0	186	25	12	0
Beaver Creek, Yukon	6	0	0	6	0	0
Bromont, Quebec	192	2	2	159	29	0
Buffalo Narrows, Saskatchewan	540	0	483	57	0	0
Burwash, Yukon	4	0	2	2	0	0
Cambridge Bay, Nunavut	312	46	251	0	15	0
Cape Dorset, Nunavut	72	0	72	0	0	0
Charlo, New Brunswick	53	2	31	14	6	0
Chesterfield Inlet, Nunavut	123	0	123	0	0	0
Chevery, Quebec	290	0	286	2	0	2
Chibougamau/Chapais, Quebec	437	13	347	41	36	0
Clyde River, Nunavut	120	0	120	0	0	0
Collingwood, Ontario	602	8	10	534	50	0
Comox, British Columbia	1,407	233	863	151	158	2
Coral Harbour, Nunavut	159	0	159	0	0	0
Dauphin, Manitoba	331	15	199	86	31	0
Dawson, Yukon	206	0	113	48	44	1
Dawson Creek, British Columbia	442	14	248	138	42	0
Déline, Northwest Territories	158	0	118	40	0	0
Digby, Nova Scotia	24	0	0	23	1	0
Drummondville, Quebec	234	0	6	183	45	0
Dryden Regional, Ontario	649	4	462	105	78	0
Eastmain River, Quebec	106	0	101	5	0	0
Elliot Lake Municipal, Ontario	222	0	150	60	12	0
Eureka, Nunavut	8	0	8	0	0	0
Faro, Yukon	27	0	8	2	17	0
Flin Flon, Manitoba	482	0	382	19	81	0
Fort Frances Municipal, Ontario	396	0	268	120	8	0
Fort Liard, Northwest Territories	16	0	4	5	7	0
Fort Resolution, Northwest Territories	25	0	19	6	0	0
Fort Simpson, Northwest Territories	189	12	121	44	12	0
Gamèti/Rae Lakes, Northwest Territories	141	0	115	4	22	0
Gaspé, Quebec	316	14	271	27	4	0
Geraldton, Ontario	108	0	96	6	6	0
Gillam, Manitoba	210	0	120	86	4	0
Gjoa Haven, Nunavut	100	0	94	0	6	0
Goose Bay, Newfoundland and Labrador	2,488	351	1,817	25	295	0
Grise Fiord, Nunavut	20	0	20	0	0	0
Hall Beach, Nunavut	125	0	115	0	10	0
Havre St-Pierre, Quebec	273	2	129	84	58	0
Hay River, Northwest Territories	454	4	342	106	2	0
Hearst/René Fontaine Municipal, Ontario	98	0	62	18	18	0
Igloodik, Nunavut	111	0	110	1	0	0
Inukjuak, Quebec	204	.	.	.	.	..
Island Lake, Manitoba	1,004	0	611	64	329	0
Ivujivik, Quebec	98	.	.	.	.	..
Kangiqsualujuaq, Quebec	142	.	.	.	.	..
Kangiqsujuaq, Quebec	122	.	.	.	.	..
Kangirsuk, Quebec	162	.	.	.	.	..
Kapuskasing, Ontario	277	0	271	4	2	0
Kimmiut, Nunavut	40	0	40	0	0	0
Kugaaruk, Nunavut	68	8	60	0	0	0
Kugluktuk, Nunavut	224	80	144	0	0	0
Kuujuarapik, Quebec	426	4	422	0	0	0
Lourdes-de-Blanc-Sablon, Quebec	443	2	412	23	6	0
Lutselk'e, Northwest Territories	138	0	105	33	0	0
Mayo, Yukon	114	0	20	24	70	0
Miramichi, New Brunswick	309	18	116	167	8	0
Moosonee, Ontario	804	2	642	52	108	0



Table 2-2 – continued

## Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Muskoka, Ontario	544	19	171	281	73	0
Nakina, Ontario	711	0	575	64	72	0
Natashquan, Quebec	266	0	143	77	46	0
Norway House, Manitoba	324	0	307	17	0	0
Old Crow, Yukon	61	0	59	0	2	0
Pabok, Quebec	23	6	15	2	0	0
Pangnirtung, Nunavut	182	0	180	2	0	0
Paulatuk, Northwest Territories	61	0	61	0	0	0
Peterborough, Ontario	527	17	31	432	45	2
Pickle Lake, Ontario	1,287	0	1,137	89	61	0
Pond Inlet, Nunavut	50	0	50	0	0	0
Port-Menier, Quebec	128	0	6	120	2	0
Prince Rupert/Digby Island, British Columbia	20	0	0	20	0	0
Prince Rupert/Seal Cove, British Columbia	806	0	35	537	234	0
Puvirnituq, Quebec	460	.	.	.	.	.
Qikiqtarjuaq, Nunavut	55	0	54	1	0	0
Quaqtaq, Quebec	145	.	.	.	.	.
Quesnel, British Columbia	270	15	169	76	10	0
Red Lake, Ontario	1,644	2	1,158	320	164	0
Repulse Bay, Nunavut	134	0	134	0	0	0
Resolute Bay, Nunavut	107	10	97	0	0	0
Rimouski, Quebec	186	0	45	120	21	0
Roberval, Quebec	247	16	82	149	0	0
Sachs Harbour, Northwest Territories	31	0	31	0	0	0
Salluit, Quebec	144	.	.	.	.	.
Sandspit, British Columbia	164	12	105	0	47	0
Sherbrooke, Quebec	147	9	10	104	24	0
St. Anthony, Newfoundland and Labrador	327	2	294	2	29	0
St. Theresa Point, Manitoba	627	2	277	52	296	0
Stephenville, Newfoundland and Labrador	117	18	70	8	21	0
Stony Rapids, Saskatchewan	842	0	634	192	16	0
Sydney, Nova Scotia	401	36	328	13	24	0
Taloyoak, Nunavut	118	0	117	1	0	0
Tasiujaq, Quebec	107	.	.	.	.	.
Teslin, Yukon	4	0	2	0	2	0
The Pas, Manitoba	261	4	206	46	5	0
Tillsonburg, Ontario	178	..	..	..	..	..
Tofino, British Columbia	263	1	19	102	141	0
Trois-Rivières, Quebec	432	9	16	367	40	0
Tuktoyaktuk, Northwest Territories	51	0	49	0	2	0
Uluksukot/Holman, Northwest Territories	74	0	74	0	0	0
Umiujaq, Quebec	162	.	.	.	.	.
Waskaganish, Quebec	130	0	129	1	0	0
Watson Lake, Yukon	81	0	56	17	8	0
Welland/Niagara Central, Ontario	60	0	6	54	0	0
Wemindji, Quebec	124	0	120	2	2	0
Whale Cove, Nunavut	120	0	120	0	0	0
Yorkton Municipal, Saskatchewan	385	8	117	194	66	0
<b>Total (116)</b>	<b>33,019</b>	<b>1,070</b>	<b>19,925</b>	<b>6,679</b>	<b>3,185</b>	<b>7</b>

**Table 2-3**  
**Itinerant movements by aircraft weight groups**

	Total itinerant movements	Gross take-off weight in kilograms						number
		2,000 and under	2,001 to 4,000	4,001 to 5,670	5,671 to 9,000	9,001 to 18,000	18,001 to 35,000	
Aklavik, Northwest Territories	2	0	0	2	0	0	0	0
Akulivik, Quebec	149	.	..	..	.	.	.	.
Amos Municipal, Quebec	60	16	6	34	0	0	4	0
Arctic Bay, Nunavut	50	0	0	12	5	0	33	0
Arviat, Nunavut	204	7	0	11	4	56	126	0
Aupaluk, Quebec	80	.	..	..	.	.	.	.
Baie-Comeau, Quebec	1,032	80	279	342	92	147	92	0
Baker Lake, Nunavut	325	4	17	38	11	30	225	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	455	259	48	132	10	6	0	0
Bathurst, New Brunswick	223	31	43	39	2	102	6	0
Beaver Creek, Yukon	6	6	0	0	0	0	0	0
Bromont, Quebec	192	163	21	6	0	2	0	0
Buffalo Narrows, Saskatchewan	540	44	13	346	137	0	0	0
Burwash, Yukon	4	2	0	0	2	0	0	0
Cambridge Bay, Nunavut	312	0	0	110	23	32	93	54
Cape Dorset, Nunavut	72	0	0	14	0	28	30	0
Charlo, New Brunswick	53	20	0	31	2	0	0	0
Chesterfield Inlet, Nunavut	123	0	0	10	0	4	109	0
Chevery, Quebec	290	2	2	124	160	2	0	0
Chibougamau/Chapais, Quebec	437	49	56	149	47	131	5	0
Clyde River, Nunavut	120	0	0	9	0	58	53	0
Collingwood, Ontario	602	568	18	4	4	6	2	0
Comox, British Columbia	1,407	73	93	62	517	312	97	253
Coral Harbour, Nunavut	159	0	0	11	2	142	4	0
Dauphin, Manitoba	331	94	5	189	11	28	4	0
Dawson, Yukon	206	91	4	10	5	0	96	0
Dawson Creek, British Columbia	442	173	10	27	124	72	36	0
Déline, Northwest Territories	158	10	19	73	40	0	16	0
Digby, Nova Scotia	24	14	10	0	0	0	0	0
Drummondville, Quebec	234	206	12	14	0	2	0	0
Dryden Regional, Ontario	649	128	68	434	5	10	4	0
Eastmain River, Quebec	106	5	0	10	12	79	0	0
Elliot Lake Municipal, Ontario	222	70	4	142	0	6	0	0
Eureka, Nunavut	8	0	0	0	6	0	2	0
Faro, Yukon	27	19	2	6	0	0	0	0
Flin Flon, Manitoba	482	7	110	269	8	80	8	0
Fort Frances Municipal, Ontario	396	46	80	270	0	0	0	0
Fort Liard, Northwest Territories	16	7	5	4	0	0	0	0
Fort Resolution, Northwest Territories	25	0	8	8	1	0	8	0
Fort Simpson, Northwest Territories	189	44	59	26	20	10	26	4
Gamëti/Rae Lakes, Northwest Territories	141	4	51	70	6	0	10	0
Gaspé, Quebec	316	22	9	14	10	247	14	0
Geraldton, Ontario	108	7	23	78	0	0	0	0
Gillam, Manitoba	210	16	76	16	4	96	2	0
Gjoa Haven, Nunavut	100	0	0	24	2	31	40	3
Goose Bay, Newfoundland and Labrador	2,488	187	79	928	465	475	284	70
Grise Fiord, Nunavut	20	0	0	18	2	0	0	0
Hall Beach, Nunavut	125	0	0	15	2	60	48	0
Havre St-Pierre, Quebec	273	56	84	50	32	12	39	0
Hay River, Northwest Territories	454	8	16	103	125	101	100	1
Hearst/René Fontaine Municipal, Ontario	98	18	18	62	0	0	0	0
Igloolik, Nunavut	111	1	0	14	2	63	31	0
Inukjuak, Quebec	204	.	..	..	.	.	.	.
Island Lake, Manitoba	1,004	389	4	493	1	75	42	0
Ivujivik, Quebec	98	.	..	..	.	.	.	.
Kangiqsualujuaq, Quebec	142	.	..	..	.	.	.	.
Kangisujuaq, Quebec	122	.	..	..	.	.	.	.
Kangirsuk, Quebec	162	.	..	..	.	.	.	.
Kapuskasing, Ontario	277	2	6	235	0	18	16	0
Kimmirut, Nunavut	40	0	0	40	0	0	0	0
Kugaaruk, Nunavut	68	0	0	11	0	24	25	8
Kugluktuk, Nunavut	224	0	0	20	4	22	90	88
Kuujuarapik, Quebec	426	0	0	156	6	102	162	0
Louderes-de-Blanc-Sablon, Quebec	443	8	21	214	95	103	2	0
Lutsel'e, Northwest Territories	138	0	90	39	2	3	4	0
Mayo, Yukon	114	93	1	10	0	0	10	0
Miramichi, New Brunswick	309	161	90	27	2	18	11	0

Table 2-3 – continued

## Itinerant movements by aircraft weight groups

	Total itinerant movements	Gross take-off weight in kilograms						
		2,000 and under	2,001 to 4,000	4,001 to 5,670	5,671 to 9,000	9,001 to 18,000	18,001 to 35,000	35,001 and over
		number						
Moosonee, Ontario	804	56	75	361	160	116	36	0
Muskoka, Ontario	544	294	40	139	62	3	2	4
Nakina, Ontario	711	93	471	122	25	0	0	0
Natashquan, Quebec	266	63	60	60	83	0	0	0
Norway House, Manitoba	324	5	14	303	0	2	0	0
Old Crow, Yukon	61	2	0	7	4	0	48	0
Pabok, Quebec	23	0	2	1	4	10	6	0
Pangnirtung, Nunavut	182	0	2	34	0	72	74	0
Paulatuk, Northwest Territories	61	0	2	57	2	0	0	0
Peterborough, Ontario	527	437	29	29	13	9	2	8
Pickle Lake, Ontario	1,287	103	594	136	129	0	325	0
Pond Inlet, Nunavut	50	0	0	15	0	20	15	0
Port-Menier, Quebec	128	2	120	6	0	0	0	0
Prince Rupert/Digby Island, British Columbia	20	0	20	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	806	131	577	96	0	2	0	0
Puvirnituq, Quebec	460	.	..	..	.	.	.	.
Qikiqtarjuaq, Nunavut	55	1	0	4	0	21	29	0
Quaqtaq, Quebec	145	.	..	..	.	.	.	.
Quesnel, British Columbia	270	84	2	8	176	0	0	0
Red Lake, Ontario	1,644	250	469	515	208	14	188	0
Repulse Bay, Nunavut	134	0	0	20	0	72	42	0
Resolute Bay, Nunavut	107	0	0	28	18	3	42	16
Rimouski, Quebec	186	72	69	41	2	2	0	0
Roberval, Quebec	247	135	16	70	14	2	10	0
Sachs Harbour, Northwest Territories	31	0	0	31	0	0	0	0
Salluit, Quebec	144	.	..	..	.	.	.	.
Sandspit, British Columbia	164	43	6	39	14	60	2	0
Sherbrooke, Quebec	147	116	6	11	8	4	0	2
St. Anthony, Newfoundland and Labrador	327	19	2	141	30	133	2	0
St. Theresa Point, Manitoba	627	344	4	125	3	131	20	0
Stephenville, Newfoundland and Labrador	117	10	11	8	12	54	20	2
Stony Rapids, Saskatchewan	842	22	234	354	150	82	0	0
Sydney, Nova Scotia	401	10	63	24	2	270	10	22
Taloyoak, Nunavut	118	1	0	26	3	52	30	6
Tasiujaq, Quebec	107	.	..	..	.	.	.	.
Teslin, Yukon	4	2	0	2	0	0	0	0
The Pas, Manitoba	261	13	40	116	4	74	14	0
Tillsonburg, Ontario	178	..	..	..	..	..	..	..
Tofino, British Columbia	263	126	87	35	1	5	9	0
Trois-Rivières, Quebec	432	336	73	4	4	5	3	7
Tuktoyaktuk, Northwest Territories	51	2	2	45	2	0	0	0
Uluksukot/Holman, Northwest Territories	74	0	0	49	4	0	21	0
Umiujaq, Quebec	162	.	..	..	.	.	.	.
Waskaganish, Quebec	130	1	0	9	4	116	0	0
Watson Lake, Yukon	81	21	2	19	39	0	0	0
Welland/Niagara Central, Ontario	60	44	10	2	0	0	4	0
Wemindji, Quebec	124	4	0	21	10	89	0	0
Whale Cove, Nunavut	120	0	0	5	0	15	100	0
Yorkton Municipal, Saskatchewan	385	166	47	146	24	0	2	0
<b>Total (116)</b>	<b>33,019</b>	<b>6,218</b>	<b>4,709</b>	<b>8,869</b>	<b>3,224</b>	<b>4,233</b>	<b>3,065</b>	<b>548</b>

**Table 3**  
**Local movements by type of operation**

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	35	35	0
Baie-Comeau, Quebec	96	96	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	998	998	0
Buffalo Narrows, Saskatchewan	6	6	0
Chibougamau/Chapais, Quebec	10	10	0
Collingwood, Ontario	104	104	0
Dauphin, Manitoba	6	6	0
Dawson Creek, British Columbia	126	126	0
Digby, Nova Scotia	25	23	2
Drummondville, Quebec	130	130	0
Dryden Regional, Ontario	56	56	0
Elliot Lake Municipal, Ontario	106	106	0
Gaspé, Quebec	18	18	0
Hay River, Northwest Territories	3	3	0
Island Lake, Manitoba	4	4	0
Kangiqsujuaq, Quebec	1	.	.
Kangirsuk, Quebec	29	.	.
Kapuskasing, Ontario	80	80	0
Kuujuarapik, Quebec	8	8	0
Moosonee, Ontario	26	26	0
Muskoka, Ontario	146	146	0
Nakina, Ontario	10	10	0
Peterborough, Ontario	1,806	1,788	18
Pickle Lake, Ontario	8	8	0
Puvirnituq, Quebec	2	.	.
Quesnel, British Columbia	18	18	0
Red Lake, Ontario	231	230	1
Rimouski, Quebec	2	2	0
Roberval, Quebec	30	30	0
Sherbrooke, Quebec	316	316	0
Sydney, Nova Scotia	18	10	8
The Pas, Manitoba	2	2	0
Tillsonburg, Ontario	413	..	..
Tofino, British Columbia	34	34	0
Trois-Rivières, Quebec	181	180	1
Waskaganish, Quebec	10	10	0
Welland/Niagara Central, Ontario	531	531	0
Yorkton Municipal, Saskatchewan	460	458	2
<b>Total (38)</b>	<b>6,085</b>	<b>5,608</b>	<b>32</b>

# Methodology

---

## Airports without air traffic control towers

### Survey universe

The statistics in this publication reflect the number of aircraft movements reported to the Aviation Statistics Centre (ASC) by airport and carrier personnel, members of flying clubs and employees of various levels of government at airports without control towers across Canada. There are approximately 6,000 aerodromes in Canada, including land (runways and/or heliports) and water facilities. Of these, approximately 1,300 are airports operating under licences issued by Transport Canada (including those listed in 51-007-X and most of those listed in this publication). Criteria for inclusion in this publication are the size and scope of operation and the importance in establishing regional traffic patterns.

### Coverage

The statistics appearing in this publication were compiled in most cases from daily air traffic records received by the ASC. The data for 19 of Manitoba's airports are submitted by the Department of Highways and Transportation of the Manitoba Government on the Manitoba airport activity summary (See Factors influencing the data in Appendix I).

The daily air traffic records (Form 06-0065) are designed to capture three data items for each aircraft arrival and/or departure for itinerant movements, and two items for local movements. Section A of the record dealing with itinerant movements reports the following information for each movement:

- (a) the aircraft registration or air carrier code and flight number;
- (b) the aircraft type;
- (c) the last station before landing at the reporting airport or the next station after take-off.

Section B of the record provides for the reporting of the number of local civil and local military movements for each day.

Due to revisions, the sum of totals released in this report may not equal the annual totals published in Aircraft Movement Statistics: Airports Without Air Traffic Control Towers: Annual Report (TP 577) - 51-210-X.

The daily air traffic records are completed on a daily basis and mailed or sent electronically to the Aviation Statistics Centre where they are registered and edited for clarity and reliability. Survey respondents are contacted by telephone to follow up for non-response.

The Aviation Statistics Centre maintains a data base of parameter files of current information on all registered aircraft. Other parameter file information includes 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. This information also provides a basis for identifying type of flight (commercial, private and government) and the geographical area in which the flight takes place. 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.

## Data quality and limitations

---

Although every effort is made to ensure the quality of the data, the statistics relative to airports where there is no air traffic control tower or flight service station should be used with due consideration for their limitations.

The validity of the source data reported is controlled through the use of computerized edit programs. Identified errors originating with the source documents or with data transmission are manually corrected by Aviation Statistics Centre editing staff.

To help respondents maintain a high level of accuracy in reporting, the Aviation Statistics Centre issues instructions explaining the various concepts of the required source data and the method of completing the forms. Respondents are also furnished 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. This handbook and another titled "Canada Flight Supplement" listing various airport codes, serve as reference to ensure the reporting of the proper aircraft identity and the last stop or next stop of flights at reporting airports.

At airports without towers or flight service stations, survey respondents, in performing their various assignments, are not always aware of all aircraft movements at their airport. For example, at small airports the airport manager may be responsible for both the administration and maintenance of the station facilities. At some airports the Daily air traffic records are filed by flying club managers who may not be completely familiar with other activities at other areas of the airport.

At airports with flying school operations it is sometimes difficult to record each individual local aircraft movement. In such cases, the Aviation Statistics Centre would advise the airport manager to report local movements based on hours expended in flying training operations. Observations have shown that, on average, six circuits can be made during each hour of flying training. Therefore, 12 local aircraft movements would be counted for each hour of flying training. At stations where the circuits demand a different norm, the respondent will make corrections accordingly.

# Appendix I

---

## Factors influencing the data

1. Aggregate data only are available for the 19 airports reported by the Manitoba Department of Highways and Transportation listed below.

Berens River	Pikwitonei
Bloodvein River	Poplar River
Brochet	Pukatawagan
Cross Lake	Red Sucker Lake
Gods Lake Narrows	Shamattawa
Gods River	South Indian Lake
Ilford	Tadoule Lake
Lac Brochet	Thicket Portage
Little Grand Rapids	York Landing
Oxford House	

2. Aggregate data only are available for the 12 airports reported by the Kativik Regional Government in Quebec listed below.

Akulivik	Kangirsuk
Aupaluk	Puvirnituq
Inukjuak	Quaqtaq
Ivujivik	Salluit
Kangisualujjuaq	Tasiujaq
Kangisujuaq	Umiujaq

3. Aggregate data only are available for Tillsonburg, Ontario.

4. When comparing monthly data for current year versus previous year, please note that:

a) Data for the following airports were included in the report for February, 2011 but were not available in February, 2012:

1. Fort Good Hope, Northwest Territories
2. Fort McPherson, Northwest Territories
3. Guelph, Ontario
4. Sanikiluaq, Nunavut
5. St-Augustin, Quebec
6. Tulita, Northwest Territories

b) Data for the following airports are included in February, 2012 but not in February, 2011:

1. Aklavik, Northwest Territories
2. Paulatuk, Northwest Territories
3. Sachs Harbour, Northwest Territories
5. In the spring of 2011, operations at Guelph, Ontario temporarily ceased until the new owner is established.



## Appendix II

---

### Glossary of terms

#### Air carrier

Aircraft operators, licensed by the Canadian Transportation Agency to transport persons, mail and/or goods by air.

–**Level I.** Effective 2010, this includes every Canadian air carrier that, in the calendar year immediately preceding the reporting year, transported at least 2 million revenue passengers or at least 400 thousand tonnes of cargo.

–**Level II.** Effective 2010, this includes every Canadian air carrier that, in the calendar year immediately preceding the reporting year, transported at least 100 thousand, but fewer than 2 million revenue passengers, or at least 50 thousand but less than 400 thousand tonnes of cargo.

–**Level III.** Effective 2010, this includes every Canadian air carrier not classified in reporting level I or II that, in the calendar year immediately preceding the reporting year, realized gross revenues of at least 2 million dollars for the provision of air services for which the air carrier held a licence.

–**Level IV.** Effective 2010, this includes every Canadian air carrier not classified in reporting level I, II or III that, in the calendar year immediately preceding the reporting year, realized gross revenues of less than 2 million dollars for the provision of air services for which the air carrier held a licence.

#### Aircraft movement

A take off, a landing, or a simulated approach by an aircraft. ATC Manops amendment 8-8-83. NC-703.

#### Class of operation

Aircraft movements are classified as either "Itinerant" or "Local".

#### Commercial

Flights by aircraft operators licensed by the Canadian Transportation Agency to perform commercial air services. Commercial operations are divided into two categories: Air carrier and Other commercial.

#### Domestic itinerant movements

Movements, at a Canadian airport, of aircraft departing to or arriving from another point in Canada.

#### FSS

Flight service station.

## **Government-Civil**

Aircraft owned by federal, provincial and municipal bodies as well as foreign states, but excluding those owned by crown corporations, boards and commissions. Such aircraft are coded "3" under "Purpose" in the Canadian civil aircraft register.

## **Government-Military**

Aircraft of any branch of the armed forces of any nation.

## **I.F.R. flight**

A flight conducted in accordance with Instrument Flight Rules.

## **International movements**

Movements, at a Canadian airport, of aircraft arriving from or departing to a point outside Canada. International movements are subclassified into "transborder" (to or from a point in the United States including Alaska, Hawaii, and Puerto Rico), and "other international" (to or from points in countries other than Canada and the United States). Since aircraft movements are reported on the basis of place "arrived from" or "departed to", an arrival at Halifax airport from London, England would appear under "other international". If the same aircraft moved on to Toronto, both the departure at Halifax and the arrival at Toronto would be shown as "domestic".

## **Itinerant movements**

At airports with control towers and/or flight service stations: for the purpose of completing air traffic records, itinerant movements are considered as movements in which aircraft proceed to or arrive from another location; or where aircraft leave the circuit but return without landing at another airport. At airports without control towers: an aircraft movement in which the aircraft arrives from or departs to a point other than the reporting airport; or a movement by an aircraft that leaves the close proximity of an airport and returns without landing at another airport.

## **Local movements**

At airports with control towers and/or flight service stations: for the purpose of completing air traffic records, local movements are considered as movements in which the aircraft remains in the circuit. At airports without control towers: an aircraft movement in which the aircraft remains in the close proximity of the airport. Local movements are often carried out during training flights (touch-and-go), equipment tests, etc.

## **Maximum take-off weight**

The maximum weight for which the aircraft is licensed to operate. For operational purposes, all weights are rounded upwards to the next 1,000 kilograms. Thus 3,200 kilograms becomes 4,000 kilograms.

## **Other commercial**

Flights performed by Commercial aircraft operators not included in the Air carrier categories. Flying schools, agricultural sprayers, water-bombers, aerial photography and survey, etc.

## **Power plant**

The source of propulsion. For example, piston engines, turbo-propellers and jet engines. "Helicopters", in this report, include both piston and turboshaft-driven engines.

## **Private aircraft**

Aircraft used solely for private purposes, not for hire and compensation, which are classified as "Private" or "Private Restricted" in the Canadian civil aircraft register or similar registries of other countries. Owners include individuals, groups and business firms.

## **Runway 88**

Through control zone flights, i.e. flights which communicate with the tower while transiting the tower control zone to another destination without landing at the reporting airport.

Data for these runways are not included in the grand total.

## **Simulated approaches**

Movements that are either missed instrument or practice instrument approaches without landing.

## **TC**

Transport Canada.

## **Tower control zone**

A controlled airspace within the proximity of an air traffic control tower, usually within a radius of less than 24 kilometres of the tower.

## **V.F.R. flight**

A flight conducted in accordance with Visual Flight Rules.

## **Weight group**

The classification of weight classes in groups for statistical purposes.