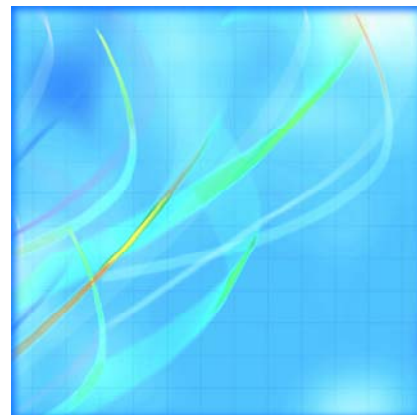


# Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



August 2007

## 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.ca](http://www.statcan.ca), e-mail us at [infostats@statcan.ca](mailto:infostats@statcan.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.ca](http://www.statcan.ca) and select "Publications" > "Free Internet 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.ca](http://www.statcan.ca) under "About us" > "Providing services to Canadians."

Statistics Canada  
Transportation Division

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

August 2007

Published by authority of the Minister responsible for Statistics Canada

© Minister of Industry, 2008 and the © Minister of Transport, 2008

All rights reserved. The content of this electronic publication may be reproduced, in whole or in part, and by any means, without further permission from Statistics Canada, subject to the following conditions: that it be done solely for the purposes of private study, research, criticism, review or newspaper summary, and/or for non-commercial purposes; and that Statistics Canada be fully acknowledged as follows: Source (or "Adapted from", if appropriate): Statistics Canada, year of publication, name of product, catalogue number, volume and issue numbers, reference period and page(s). Otherwise, no part of this publication may be reproduced, stored in a retrieval system or transmitted in any form, by any means—electronic, mechanical or photocopy—or for any purposes without prior written permission of Licensing Services, Client Services Division, Statistics Canada, Ottawa, Ontario, Canada K1A 0T6.

June 2008

Catalogue no. 51-008-X, vol. 2, no. 8

ISSN 1911-6330

Frequency: Monthly

Ottawa

La version française de cette publication est disponible sur demande (n° 51-008-X au catalogue).

---

#### **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

## Acknowledgments

This publication was prepared by the Aviation Statistics Centre, of the Transportation Division, Statistics Canada under the general direction of Gord Baldwin, Director, Transportation Division and Norah Hillary, Chief, Aviation Statistics Centre. Kathie Davidson, Rose Krakower, John Scolli, Sylvie Savard and Jim Charinos contributed to the preparation of this publication.

# Table of contents

---

<b>Highlights</b>	<b>4</b>
<b>Analysis</b>	<b>5</b>
<b>Statistical tables</b>	
1 Total aircraft movements by class of operation	7
2 Itinerant movements	9
2-1 by class and type of operation	9
2-2 by type of power plant	11
2-3 by aircraft weight groups	13
3 Local movements by type of operation	15
<b>Data quality, concepts and methodology</b>	
Methodology	16
Data quality and limitations	17
<b>Appendix</b>	
I Factors influencing the data	18
II Glossary of terms	19

## Highlights

- Guelph, Ontario was the most active site overall in August 2007. It recorded a total of 5,345 movements down 3,754 (-41.2%) from August 2006. All of these movements were local movements (flights that remain in the vicinity of the airport).
- Goose Bay, Newfoundland and Labrador was the most active airport for itinerant movements with 3,127 take-offs and landings, up 6.3% compared with August 2006.

### Text table 1

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

	August 2006	August 2007	Percentage change, August 2006 over August 2007	Year-to-date total		Percentage change 2006 over 2007
				2006	2007	
	number		percent	number		percent
<b>Total</b>	<b>71,293</b>	<b>83,295</b>	<b>16.8</b>	<b>430,470</b>	<b>491,966</b>	<b>14.3</b>
<b>Itinerant movements</b>						
Carrier	36,581	38,744	5.9	229,828	250,431	9.0
Other commercial	3,216	3,386	5.3	16,032	19,019	18.6
Private	7,859	8,992	14.4	40,446	41,692	3.1
Government						
Civil	2,211	1,921	-13.1	13,318	12,252	-8.0
Military	1,368	1,213	-11.3	9,728	10,366	6.6
<b>Total</b>	<b>52,266</b>	<b>55,572</b>	<b>6.3</b>	<b>315,036</b>	<b>341,083</b>	<b>8.3</b>
<b>Local movements</b>						
Civil	18,990	14,493	-23.7	115,105	103,746	-9.9
Military	37	96	159.5	329	220	-33.1
<b>Total</b>	<b>19,027</b>	<b>14,589</b>	<b>-23.3</b>	<b>115,434</b>	<b>104,046</b>	<b>-9.9</b>
Number of airports in the survey	98	119	...	98	119	...

## Analysis

---

In August 2007, the number of itinerant and local movements for the 119 airports without air traffic control towers reached 83,295 take-offs and landings. This is an increase of 16.8% compared to the 71,293 take-offs and landings from 98 airports in August 2006.

The majority of the increase of total movements is due to the inclusion of an additional 19 Manitoba airports in 2007. See [*Factors influencing the data*] for a list of these airports.

Guelph, Ontario was the most active site overall in August 2007. It recorded a total of 5,345 movements down 3,754 (-41.2%) from August 2006. All of these movements were local movements (flights that remain in the vicinity of the airport).

Goose Bay, Newfoundland and Labrador was the most active airport for itinerant movements with 3,127 take-offs and landings, up 6.3% compared with August 2006.

# 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	26	245	245	0
Amos Municipal, Quebec	29	200	101	99
Arviat, Nunavut	27	194	194	0
Baie-Comeau, Quebec	31	807	739	68
Baker Lake, Nunavut	31	1,898	1,888	10
Barrie-Orillia-Lake Simcoe Regional, Ontario	31	2,267	739	1,528
Bathurst, New Brunswick	30	401	401	0
Beaver Creek, Yukon Territory	11	43	43	0
Berens River, Manitoba	..	1,044	..	..
Bloodvein River, Manitoba	..	870	..	..
Brochet, Manitoba	..	542	..	..
Bromont, Quebec	30	821	688	133
Buffalo Narrows, Saskatchewan	30	673	647	26
Burwash, Yukon Territory	17	79	79	0
Cambridge Bay, Nunavut	31	915	862	53
Cape Dorset, Nunavut	15	54	54	0
Charlo, New Brunswick	25	225	225	0
Chesterfield Inlet, Nunavut	24	162	162	0
Chevery, Quebec	27	346	346	0
Chibougamau/Chapais, Quebec	31	425	425	0
Comox, British Columbia	31	1,939	1,939	0
Coral Harbour, Nunavut	29	376	325	51
Cross Lake, Manitoba	..	547	..	..
Dauphin, Manitoba	28	522	310	212
Dawson, Yukon Territory	31	1,173	1,112	61
Dawson Creek, British Columbia	31	1,297	793	504
Déline, Northwest Territories	29	337	337	0
Digby, Nova Scotia	24	218	218	0
Digby Island, British Columbia	24	208	208	0
Drummondville, Quebec	28	479	405	74
Dryden Regional, Ontario	31	1,719	1,695	24
Eastmain River, Quebec	23	114	114	0
Elliot Lake Municipal, Ontario	31	830	612	218
Eureka, Nunavut	17	87	87	0
Faro, Yukon Territory	26	161	161	0
Flin Flon, Manitoba	31	689	681	8
Fort Frances Municipal, Ontario	31	738	738	0
Fort Good Hope, Northwest Territories	29	392	392	0
Fort Liard, Northwest Territories	17	275	275	0
Fort McPherson, Northwest Territories	10	33	33	0
Fort Resolution, Northwest Territories	8	35	34	1
Fort Simpson, Northwest Territories	31	347	336	11
Fort Smith, Northwest Territories	31	715	689	26
Gamëti/Rae Lakes, Northwest Territories	5	33	33	0
Gaspé, Quebec	31	506	506	0
Geraldton, Ontario	29	458	458	0
Gillam, Manitoba	31	513	513	0
Gjoa Haven, Nunavut	29	217	211	6
Gods Lake Narrows, Manitoba	..	595	..	..
Gods River, Manitoba	..	789	..	..
Goose Bay, Newfoundland and Labrador	31	3,127	3,127	0
Grise Fiord, Nunavut	11	29	29	0
Guelph, Ontario	27	5,345	0	5,345
Hall Beach, Nunavut	29	377	377	0
Havre St-Pierre, Quebec	30	846	846	0
Hay River, Northwest Territories	31	658	636	22
Hearst/René Fontaine Municipal, Ontario	14	95	95	0
Igloolik, Nunavut	23	225	225	0
Ilford, Manitoba	..	175	..	..
Island Lake, Manitoba	31	1,085	1,085	0
Kapuskasing, Ontario	31	428	280	148
Kimirut, Nunavut	21	92	80	12
Kugaaruk, Nunavut	31	350	314	36
Lac Brochet, Manitoba	..	930	..	..
Little Grand Rapids, Manitoba	..	1,649	..	..
Liverpool, Nova Scotia	13	104	52	52
Lourdes-de-Blanc-Sablon, Quebec	31	515	511	4
Lutselk'e, Northwest Territories	27	217	217	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		
Mayo, Yukon Territory	31	1,032	1,024	8
Moosonee, Ontario	31	1,704	1,684	20
Muskoka, Ontario	31	2,590	1,918	672
Nakina, Ontario	31	506	506	0
Nanisivik, Nunavut	23	133	133	0
Natashquan, Quebec	30	364	330	34
Norway House, Manitoba	31	363	363	0
Old Crow, Yukon Territory	29	96	96	0
Oxford House, Manitoba	..	1,202	..	..
Pabok, Quebec	22	72	72	0
Paulatuk, Northwest Territories	23	123	123	0
Peterborough, Ontario	31	1,127	615	512
Pickle Lake, Ontario	31	1,858	1,816	42
Pikwitonei, Manitoba	..	116	..	..
Pond Inlet, Nunavut	25	169	169	0
Poplar River, Manitoba	..	824	..	..
Prince Rupert/Seal Cove, British Columbia	31	2,297	2,297	0
Pukatawagan, Manitoba	..	668	..	..
Qikiqtarjuaq, Nunavut	25	109	109	0
Quesnel, British Columbia	31	513	443	70
Red Lake, Ontario	31	2,384	2,362	22
Red Sucker Lake, Manitoba	..	908	..	..
Repulse Bay, Nunavut	26	298	175	123
Resolute Bay, Nunavut	31	437	437	0
Rimouski, Quebec	31	899	569	330
Roberval, Quebec	31	794	666	128
Sachs Harbour, Northwest Territories	14	43	43	0
Sandspit, British Columbia	31	726	706	20
Sanikiluaq, Nunavut	18	61	61	0
Shamattawa, Manitoba	..	1,130	..	..
Sherbrooke, Quebec	31	658	582	76
South Indian Lake, Manitoba	..	308	..	..
St. Theresa Point, Manitoba	31	569	569	0
Stephenville, Newfoundland and Labrador	31	308	308	0
Stony Rapids, Saskatchewan	29	1,450	1,402	48
Sydney, Nova Scotia	31	846	842	4
Tadoule Lake, Manitoba	..	490	..	..
Taloyoak, Nunavut	31	230	229	1
The Pas, Manitoba	31	459	451	8
Thicket Portage, Manitoba	..	56	..	..
Tofino, British Columbia	31	1,001	983	18
Trois-Rivières, Quebec	31	2,530	1,446	1,084
Tuktoyaktuk, Northwest Territories	31	847	847	0
Tulita, Northwest Territories	13	229	229	0
Waskaganish, Quebec	28	415	283	132
Watson Lake, Yukon Territory	31	943	920	23
Welland/Niagara Central, Ontario	29	2,403	105	2,298
Whale Cove, Nunavut	26	157	157	0
Wrigley, Northwest Territories	4	13	13	0
York Landing, Manitoba	..	291	..	..
Yorkton Municipal, Saskatchewan	31	746	562	184
<b>Total (119)</b>	<b>31</b>	<b>83,295</b>	<b>55,572</b>	<b>14,589</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	245	238	0	0	0	0	0	7	0
Amos Municipal, Quebec	101	26	16	49	0	0	0	10	0
Arviat, Nunavut	194	185	1	6	0	0	0	2	0
Baie-Comeau, Quebec	739	550	45	70	0	0	2	64	8
Baker Lake, Nunavut	1,888	1,559	159	158	0	0	0	4	8
Barrie-Orillia-Lake Simcoe Regional, Ontario	739	230	96	382	0	0	5	24	2
Bathurst, New Brunswick	401	281	34	31	12	14	7	17	5
Beaver Creek, Yukon Territory	43	9	0	30	0	0	4	0	0
Bromont, Quebec	688	47	153	435	1	0	16	28	8
Buffalo Narrows, Saskatchewan	647	520	41	47	0	0	0	25	14
Burwash, Yukon Territory	79	33	0	45	0	0	1	0	0
Cambridge Bay, Nunavut	862	791	18	21	1	0	0	31	0
Cape Dorset, Nunavut	54	53	0	0	1	0	0	0	0
Charlo, New Brunswick	225	54	52	99	1	0	13	6	0
Chesterfield Inlet, Nunavut	162	157	2	3	0	0	0	0	0
Chevery, Quebec	346	318	17	9	0	0	0	2	0
Chibougamau/Chapais, Quebec	425	313	19	63	1	9	0	20	0
Comox, British Columbia	1,939	1,301	11	35	2	0	7	12	571
Coral Harbour, Nunavut	325	258	53	8	0	0	0	2	4
Dauphin, Manitoba	310	118	87	68	0	0	0	21	16
Dawson, Yukon Territory	1,112	671	34	301	28	6	60	12	0
Dawson Creek, British Columbia	793	400	223	168	0	0	0	2	0
Déline, Northwest Territories	337	289	11	37	0	0	0	0	0
Digby, Nova Scotia	218	4	27	179	2	0	4	2	0
Digby Island, British Columbia	208	208	0	0	0	0	0	0	0
Drummondville, Quebec	405	50	76	275	0	0	0	0	4
Dryden Regional, Ontario	1,695	1,064	49	217	10	0	22	212	121
Eastmain River, Quebec	114	106	0	8	0	0	0	0	0
Elliot Lake Municipal, Ontario	612	294	166	138	0	0	0	14	0
Eureka, Nunavut	87	29	6	2	42	0	0	0	8
Faro, Yukon Territory	161	152	1	8	0	0	0	0	0
Flin Flon, Manitoba	681	526	37	46	0	0	12	55	5
Fort Frances Municipal, Ontario	738	465	14	245	0	0	0	14	0
Fort Good Hope, Northwest Territories	392	354	1	27	0	0	0	10	0
Fort Liard, Northwest Territories	275	266	0	8	0	0	0	1	0
Fort McPherson, Northwest Territories	33	27	0	0	0	0	0	6	0
Fort Resolution, Northwest Territories	34	25	0	5	0	0	0	4	0
Fort Simpson, Northwest Territories	336	253	12	22	0	0	0	39	10
Fort Smith, Northwest Territories	689	579	40	42	0	0	0	18	10
Gamëti/Rae Lakes, Northwest Territories	33	31	0	2	0	0	0	0	0
Gaspé, Quebec	506	364	24	34	1	0	5	78	0
Geraldton, Ontario	458	305	30	62	0	0	0	61	0
Gillam, Manitoba	513	477	2	0	34	0	0	0	0
Gjoa Haven, Nunavut	211	201	4	2	0	0	0	4	0
Goose Bay, Newfoundland and Labrador	3,127	2,100	97	323	47	66	221	142	131
Grise Fiord, Nunavut	29	22	6	0	0	0	0	1	0
Hall Beach, Nunavut	377	347	0	8	0	0	0	22	0
Havre St-Pierre, Quebec	846	753	27	48	0	0	0	18	0
Hay River, Northwest Territories	636	482	5	40	11	0	0	65	33
Hearst/René Fontaine Municipal, Ontario	95	51	6	34	0	0	0	4	0
Igloolik, Nunavut	225	217	4	2	0	0	0	2	0
Island Lake, Manitoba	1,085	1,020	1	6	0	0	0	56	2
Kapuskasung, Ontario	280	244	0	32	0	0	0	4	0
Kimirut, Nunavut	80	54	16	0	0	0	0	4	6
Kugaaruk, Nunavut	314	255	14	45	0	0	0	0	0
Liverpool, Nova Scotia	52	0	6	44	0	0	2	0	0
Lourdes-de-Blanc-Sablon, Quebec	511	446	25	19	0	0	2	19	0
Lutselk'e, Northwest Territories	217	164	0	49	0	0	0	4	0
Mayo, Yukon Territory	1,024	964	12	46	0	0	0	2	0
Moosonee, Ontario	1,684	1,596	13	49	0	0	2	24	0
Muskoka, Ontario	1,918	520	215	814	93	3	212	49	12
Nakina, Ontario	506	253	36	215	0	0	0	2	0
Nanisivik, Nunavut	133	109	22	0	0	0	0	0	2
Natashquan, Quebec	330	308	6	8	1	0	0	7	0
Norway House, Manitoba	363	326	3	12	0	0	0	22	0
Old Crow, Yukon Territory	96	77	1	0	13	0	0	5	0
Pabok, Quebec	72	19	11	15	0	0	0	27	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									
Paulatuk, Northwest Territories	123	113	0	0	0	0	0	10	0
Peterborough, Ontario	615	104	190	294	0	0	0	14	13
Pickle Lake, Ontario	1,816	1,691	22	94	2	0	5	2	0
Pond Inlet, Nunavut	169	144	18	0	1	0	0	6	0
Prince Rupert/Seal Cove, British Columbia	2,297	2,058	0	55	11	0	32	141	0
Qikiqtarjuaq, Nunavut	109	87	20	2	0	0	0	0	0
Quesnel, British Columbia	443	225	17	192	0	0	3	4	2
Red Lake, Ontario	2,362	1,961	82	164	4	0	70	68	13
Repulse Bay, Nunavut	175	152	2	7	0	0	0	14	0
Resolute Bay, Nunavut	437	362	45	2	2	1	0	19	6
Rimouski, Quebec	569	273	58	225	1	0	0	12	0
Roberval, Quebec	666	253	174	177	0	0	0	39	23
Sachs Harbour, Northwest Territories	43	39	2	0	0	0	0	2	0
Sandspit, British Columbia	706	666	4	11	2	0	3	20	0
Sanikiluaq, Nunavut	61	58	0	2	0	1	0	0	0
Sherbrooke, Quebec	582	94	62	366	2	1	29	8	20
St. Theresa Point, Manitoba	569	556	0	9	0	0	0	4	0
Stephenville, Newfoundland and Labrador	308	159	28	27	3	2	29	42	18
Stony Rapids, Saskatchewan	1,402	1,182	164	19	0	0	2	31	4
Sydney, Nova Scotia	842	591	51	104	19	5	9	56	7
Taloyoak, Nunavut	229	207	4	5	0	0	0	11	2
The Pas, Manitoba	451	319	6	32	0	0	7	59	28
Tofino, British Columbia	983	488	63	332	2	0	60	32	6
Trois-Rivières, Quebec	1,446	480	140	810	1	0	2	2	11
Tuktoyaktuk, Northwest Territories	847	623	0	162	0	0	0	10	52
Tulita, Northwest Territories	229	196	6	27	0	0	0	0	0
Waskaganish, Quebec	283	274	2	7	0	0	0	0	0
Watson Lake, Yukon Territory	920	433	12	458	2	0	5	10	0
Welland/Niagara Central, Ontario	105	6	17	82	0	0	0	0	0
Whale Cove, Nunavut	157	153	0	0	0	0	0	4	0
Wrigley, Northwest Territories	13	11	0	2	0	0	0	0	0
Yorkton Municipal, Saskatchewan	562	278	110	129	0	0	2	15	28
<b>Total (99)</b>	<b>55,572</b>	<b>38,744</b>	<b>3,386</b>	<b>8,992</b>	<b>353</b>	<b>108</b>	<b>855</b>	<b>1,921</b>	<b>1,213</b>

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

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
number						
Aklavik, Northwest Territories	245	0	126	115	4	0
Amos Municipal, Quebec	101	10	26	62	3	0
Arviat, Nunavut	194	0	166	6	22	0
Baie-Comeau, Quebec	739	38	299	309	93	0
Baker Lake, Nunavut	1,888	10	906	72	899	1
Barrie-Orillia-Lake Simcoe Regional, Ontario	739	55	92	486	105	1
Bathurst, New Brunswick	401	7	188	200	6	0
Beaver Creek, Yukon Territory	43	0	2	36	5	0
Bromont, Quebec	688	27	32	587	42	0
Buffalo Narrows, Saskatchewan	647	2	265	341	39	0
Burwash, Yukon Territory	79	0	0	46	33	0
Cambridge Bay, Nunavut	862	40	566	191	65	0
Cape Dorset, Nunavut	54	0	51	0	3	0
Charlo, New Brunswick	225	20	55	136	12	2
Chesterfield Inlet, Nunavut	162	0	153	0	9	0
Chevery, Quebec	346	2	277	49	18	0
Chibougamau/Chapais, Quebec	425	14	285	85	41	0
Comox, British Columbia	1,939	400	937	324	227	51
Coral Harbour, Nunavut	325	0	215	56	54	0
Dauphin, Manitoba	310	5	124	161	20	0
Dawson, Yukon Territory	1,112	0	193	520	399	0
Dawson Creek, British Columbia	793	16	280	401	96	0
Déline, Northwest Territories	337	0	169	106	62	0
Digby, Nova Scotia	218	0	2	182	34	0
Digby Island, British Columbia	208	0	46	162	0	0
Drummondville, Quebec	405	0	0	364	40	1
Dryden Regional, Ontario	1,695	82	685	573	355	0
Eastmain River, Quebec	114	0	106	8	0	0
Elliot Lake Municipal, Ontario	612	0	189	289	134	0
Eureka, Nunavut	87	0	32	4	51	0
Faro, Yukon Territory	161	1	30	69	61	0
Flin Flon, Manitoba	681	7	377	270	27	0
Fort Frances Municipal, Ontario	738	16	393	265	64	0
Fort Good Hope, Northwest Territories	292	0	161	138	93	0
Fort Liard, Northwest Territories	375	0	34	134	107	0
Fort McPherson, Northwest Territories	33	0	15	0	18	0
Fort Resolution, Northwest Territories	34	0	22	6	6	0
Fort Simpson, Northwest Territories	336	4	202	95	35	0
Fort Smith, Northwest Territories	689	2	425	193	69	0
Gamëti/Rae Lakes, Northwest Territories	33	0	23	4	6	0
Gaspé, Quebec	506	28	345	87	46	0
Geraldton, Ontario	458	0	159	277	20	2
Gillam, Manitoba	513	0	121	384	8	0
Gjoa Haven, Nunavut	211	5	195	3	8	0
Goose Bay, Newfoundland and Labrador	3,127	380	1,693	255	799	0
Grise Fiord, Nunavut	29	0	28	0	1	0
Hall Beach, Nunavut	377	1	169	97	110	0
Havre St-Pierre, Quebec	846	4	130	353	359	0
Hay River, Northwest Territories	636	9	316	291	20	0
Hearst/René Fontaine Municipal, Ontario	95	0	54	23	18	0
Igloodik, Nunavut	225	2	126	21	76	0
Island Lake, Manitoba	1,085	16	636	264	169	0
Kapuskasing, Ontario	280	0	239	25	16	0
Kimmirut, Nunavut	80	0	58	0	22	0
Kugaaruk, Nunavut	314	10	146	45	113	0
Liverpool, Nova Scotia	52	0	0	50	2	0
Lourdes-de-Blanc-Sablon, Quebec	511	2	405	52	52	0
Lutsel'k'e, Northwest Territories	217	0	112	103	2	0
Mayo, Yukon Territory	1,024	0	278	590	156	0
Moosonee, Ontario	1,684	1	871	636	176	0
Muskoka, Ontario	1,918	237	217	1,320	144	0
Nakina, Ontario	506	1	246	245	10	4
Nanisivik, Nunavut	133	6	124	0	3	0
Natashquan, Quebec	330	10	249	28	43	0
Norway House, Manitoba	363	3	314	42	4	0
Old Crow, Yukon Territory	96	0	76	1	19	0
Pabok, Quebec	72	12	29	30	0	1
Paulatuk, Northwest Territories	123	0	70	17	36	0

Table 2-2 – continued

## Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
number						
Peterborough, Ontario	615	44	54	457	60	0
Pickle Lake, Ontario	1,816	4	1,381	121	310	0
Pond Inlet, Nunavut	169	0	142	3	24	0
Prince Rupert/Seal Cove, British Columbia	2,297	0	247	1,361	689	0
Qikiqtarjuaq, Nunavut	109	0	81	2	26	0
Quesnel, British Columbia	443	6	192	199	46	0
Red Lake, Ontario	2,362	19	1,531	800	12	0
Repulse Bay, Nunavut	175	0	111	17	47	0
Resolute Bay, Nunavut	437	14	346	3	74	0
Rimouski, Quebec	569	8	52	464	45	0
Roberval, Quebec	666	4	152	403	107	0
Sachs Harbour, Northwest Territories	43	0	37	6	0	0
Sandspit, British Columbia	706	32	278	8	388	0
Sanikiluaq, Nunavut	61	0	58	3	0	0
Sherbrooke, Quebec	582	34	47	465	34	2
St. Theresa Point, Manitoba	569	4	358	202	5	0
Stephenville, Newfoundland and Labrador	308	60	116	58	74	0
Stony Rapids, Saskatchewan	1,402	2	442	522	436	0
Sydney, Nova Scotia	842	111	412	233	86	0
Taloyoak, Nunavut	229	1	191	5	32	0
The Pas, Manitoba	451	23	289	117	22	0
Tofino, British Columbia	983	35	137	719	92	0
Trois-Rivières, Quebec	1,446	37	28	1,265	116	0
Tuktoyaktuk, Northwest Territories	847	0	432	74	341	0
Tulita, Northwest Territories	229	0	93	115	21	0
Waskaganish, Quebec	283	0	246	29	7	1
Watson Lake, Yukon Territory	920	11	93	712	104	0
Welland/Niagara Central, Ontario	105	0	6	99	0	0
Whale Cove, Nunavut	157	0	136	2	19	0
Wrigley, Northwest Territories	13	0	2	3	8	0
Yorkton Municipal, Saskatchewan	562	14	18	454	75	1
<b>Total (99)</b>	<b>55,572</b>	<b>1,948</b>	<b>23,263</b>	<b>21,205</b>	<b>9,089</b>	<b>67</b>

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

	Total itinerant movements	Gross take-off weight in kilograms						
		2 000	2 001	4 001	5 671	9 001	18 001	35 001
		and under	to 4 000	to 5 670	to 9 000	to 18 000	to 35 000	and over
	number							
Aklavik, Northwest Territories	245	117	5	123	0	0	0	0
Amos Municipal, Quebec	101	59	8	16	6	2	10	0
Arviat, Nunavut	194	24	23	32	2	88	25	0
Baie-Comeau, Quebec	739	243	156	199	8	98	33	2
Baker Lake, Nunavut	1,888	917	416	262	101	114	78	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	739	505	88	57	44	12	31	2
Bathurst, New Brunswick	401	137	62	76	7	117	2	0
Beaver Creek, Yukon Territory	43	34	7	2	0	0	0	0
Bromont, Quebec	688	586	36	38	11	8	9	0
Buffalo Narrows, Saskatchewan	647	85	271	250	17	22	2	0
Burwash, Yukon Territory	79	79	0	0	0	0	0	0
Cambridge Bay, Nunavut	862	90	249	257	48	82	108	28
Cape Dorset, Nunavut	54	3	0	27	0	0	24	0
Charlo, New Brunswick	225	106	30	16	55	17	1	0
Chesterfield Inlet, Nunavut	162	9	30	73	14	32	4	0
Chevery, Quebec	346	55	12	108	109	56	6	0
Chibougamau/Chapais, Quebec	425	89	94	72	63	93	14	0
Comox, British Columbia	1,939	337	98	77	413	483	208	323
Coral Harbour, Nunavut	325	54	58	92	44	51	26	0
Dauphin, Manitoba	310	154	18	125	5	8	0	0
Dawson, Yukon Territory	1,112	851	66	61	4	3	123	4
Dawson Creek, British Columbia	793	482	17	50	135	109	0	0
Déline, Northwest Territories	337	103	106	96	0	1	29	2
Digby, Nova Scotia	218	208	8	2	0	0	0	0
Digby Island, British Columbia	208	0	208	0	0	0	0	0
Drummondville, Quebec	405	395	8	2	0	0	0	0
Dryden Regional, Ontario	1,695	332	453	716	13	10	167	4
Eastmain River, Quebec	114	8	0	22	4	80	0	0
Elliot Lake Municipal, Ontario	612	285	146	169	0	6	6	0
Eureka, Nunavut	87	51	4	22	6	0	0	4
Faro, Yukon Territory	161	119	31	10	0	0	1	0
Flin Flon, Manitoba	681	146	144	277	9	96	9	0
Fort Frances Municipal, Ontario	738	193	200	327	10	6	0	2
Fort Good Hope, Northwest Territories	392	92	100	175	0	0	25	0
Fort Liard, Northwest Territories	275	125	122	26	0	0	2	0
Fort McPherson, Northwest Territories	33	18	0	11	0	0	4	0
Fort Resolution, Northwest Territories	34	6	6	18	4	0	0	0
Fort Simpson, Northwest Territories	336	85	73	76	4	2	94	2
Fort Smith, Northwest Territories	689	229	186	68	196	0	10	0
Gamèti/Rae Lakes, Northwest Territories	33	8	14	9	0	0	2	0
Gaspé, Quebec	506	62	46	97	6	53	242	0
Geraldton, Ontario	458	80	205	104	4	2	63	0
Gillam, Manitoba	513	8	394	12	0	64	35	0
Gjoa Haven, Nunavut	211	1	7	30	15	58	100	0
Goose Bay, Newfoundland and Labrador	3,127	736	304	887	207	758	189	46
Grise Fiord, Nunavut	29	0	1	28	0	0	0	0
Hall Beach, Nunavut	377	26	93	169	4	0	68	17
Havre St-Pierre, Quebec	846	398	314	31	74	24	5	0
Hay River, Northwest Territories	636	113	68	72	8	189	185	1
Hearst/René Fontaine Municipal, Ontario	95	26	11	58	0	0	0	0
Igloolik, Nunavut	225	78	19	74	10	0	44	0
Island Lake, Manitoba	1,085	285	94	574	40	63	29	0
Kapuskasing, Ontario	280	14	67	199	0	0	0	0
Kimmiut, Nunavut	80	18	2	60	0	0	0	0
Kugaaruk, Nunavut	314	158	7	63	10	34	38	4
Liverpool, Nova Scotia	52	52	0	0	0	0	0	0
Lourdes-de-Blanc-Sablon, Quebec	511	46	46	242	92	83	2	0
Lutsel'k'e, Northwest Territories	217	31	134	49	2	0	1	0
Mayo, Yukon Territory	1,024	483	451	90	0	0	0	0
Moosonee, Ontario	1,684	374	375	556	180	117	82	0
Muskoka, Ontario	1,918	1,246	254	167	123	97	31	0
Nakina, Ontario	506	223	120	162	0	0	0	1
Nanisivik, Nunavut	133	3	0	72	11	21	23	3
Natashquan, Quebec	330	50	17	163	66	34	0	0
Norway House, Manitoba	363	19	30	311	3	0	0	0
Old Crow, Yukon Territory	96	20	0	10	0	0	66	0
Pabok, Quebec	72	14	17	14	0	15	12	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						
Paulatuk, Northwest Territories	123	34	0	60	16	13	0	0
Peterborough, Ontario	615	443	50	55	23	26	10	8
Pickle Lake, Ontario	1,816	295	678	491	51	11	290	0
Pond Inlet, Nunavut	169	27	0	70	12	0	60	0
Prince Rupert/Seal Cove, British Columbia	2,297	601	1,655	6	0	35	0	0
Qikiqtarjuaq, Nunavut	109	6	0	70	0	0	33	0
Quesnel, British Columbia	443	240	1	12	190	0	0	0
Red Lake, Ontario	2,362	416	735	814	168	10	219	0
Repulse Bay, Nunavut	175	42	32	37	20	32	12	0
Resolute Bay, Nunavut	437	66	10	264	16	1	60	20
Rimouski, Quebec	569	378	125	35	25	0	6	0
Roberval, Quebec	666	372	127	47	75	4	41	0
Sachs Harbour, Northwest Territories	43	2	0	29	8	4	0	0
Sandspit, British Columbia	706	192	10	131	42	110	221	0
Sanikiluaq, Nunavut	61	2	1	33	9	0	16	0
Sherbrooke, Quebec	582	465	24	64	7	10	10	2
St. Theresa Point, Manitoba	569	141	22	255	4	119	28	0
Stephenville, Newfoundland and Labrador	308	78	44	52	14	74	12	34
Stony Rapids, Saskatchewan	1,402	246	671	187	144	154	0	0
Sydney, Nova Scotia	842	159	142	69	75	293	70	34
Taloyoak, Nunavut	229	26	5	74	13	55	56	0
The Pas, Manitoba	451	36	75	172	9	119	40	0
Tofino, British Columbia	983	361	438	54	26	97	7	0
Trois-Rivières, Quebec	1,446	1,320	49	27	20	14	6	10
Tuktoyaktuk, Northwest Territories	847	78	19	549	127	74	0	0
Tulita, Northwest Territories	229	90	68	53	2	0	16	0
Waskaganish, Quebec	283	16	21	40	22	184	0	0
Watson Lake, Yukon Territory	920	723	81	79	35	0	0	2
Welland/Niagara Central, Ontario	105	88	15	2	0	0	0	0
Whale Cove, Nunavut	157	21	4	59	16	54	3	0
Wrigley, Northwest Territories	13	11	0	2	0	0	0	0
Yorkton Municipal, Saskatchewan	562	336	154	61	9	2	0	0
<b>Total (99)</b>	<b>55,572</b>	<b>19,294</b>	<b>11,885</b>	<b>12,286</b>	<b>3,365</b>	<b>4,703</b>	<b>3,484</b>	<b>555</b>



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

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	99	99	0
Baie-Comeau, Quebec	68	68	0
Baker Lake, Nunavut	10	10	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	1,528	1,526	2
Bromont, Quebec	133	133	0
Buffalo Narrows, Saskatchewan	26	26	0
Cambridge Bay, Nunavut	53	53	0
Coral Harbour, Nunavut	51	49	2
Dauphin, Manitoba	212	156	56
Dawson, Yukon Territory	61	61	0
Dawson Creek, British Columbia	504	504	0
Drummondville, Quebec	74	74	0
Dryden Regional, Ontario	24	24	0
Elliot Lake Municipal, Ontario	218	218	0
Flin Flon, Manitoba	8	8	0
Fort Resolution, Northwest Territories	1	1	0
Fort Simpson, Northwest Territories	11	11	0
Fort Smith, Northwest Territories	26	26	0
Gjoa Haven, Nunavut	6	0	6
Guelph, Ontario	5,345	5,345	0
Hay River, Northwest Territories	22	22	0
Kapuskasing, Ontario	148	148	0
Kimmirut, Nunavut	12	6	6
Kugaaruk, Nunavut	36	36	0
Liverpool, Nova Scotia	52	52	0
Lourdes-de-Blanc-Sablon, Quebec	4	4	0
Mayo, Yukon Territory	8	8	0
Moosonee, Ontario	20	20	0
Muskoka, Ontario	672	672	0
Natashquan, Quebec	34	34	0
Peterborough, Ontario	512	512	0
Pickle Lake, Ontario	42	42	0
Quesnel, British Columbia	70	70	0
Red Lake, Ontario	22	22	0
Repulse Bay, Nunavut	123	123	0
Rimouski, Quebec	330	330	0
Roberval, Quebec	128	128	0
Sandspit, British Columbia	20	20	0
Sherbrooke, Quebec	76	74	2
Stony Rapids, Saskatchewan	48	48	0
Sydney, Nova Scotia	4	4	0
Taloyoak, Nunavut	1	1	0
The Pas, Manitoba	8	8	0
Tofino, British Columbia	18	18	0
Trois-Rivières, Quebec	1,084	1,084	0
Waskaganish, Quebec	132	132	0
Watson Lake, Yukon Territory	23	23	0
Welland/Niagara Central, Ontario	2,298	2,298	0
Yorkton Municipal, Saskatchewan	184	162	22
<b>Total (49)</b>	<b>14,589</b>	<b>14,493</b>	<b>96</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 the Manitoba 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 Data quality, concepts and methodology — Data quality and limitations). For the airports which use daily air traffic records, all but one use Form 06-0065.

The remaining one airport, Chibougamau – Chapais, Quebec uses the same forms as airports with air traffic control towers (Forms 28-0010 and 28-0022).

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 Aircraft movement statistics - monthly report - 51-008-X, may not equal the annual totals published in the Annual report TP 577.

The daily air traffic records are completed on a daily basis and mailed to ASC where they are registered and manually edited for clarity and reliability. Survey respondents are advised by letter or telephone of any undue delays.

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 ASC 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, ASC 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

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

- data for the following airports were included in the report for August 2006 but were not available in August 2007:

- Brockville, Ontario
  - North Battleford, Saskatchewan
  - Pangnirtung, Nunavut
  - Port-Menier, Quebec
  - St. Leonard, New Brunswick
  - Ulukhakot/Holman, Northwest Territories
  - Waterville/Kings County Municipal, Nova Scotia

- data for 19 Manitoba airports (see 1. above) as well as data for the following airports are included in August, 2007 but not in August, 2006:

- Beaver Creek, Yukon Territory
  - Bromont, Quebec
  - Déline, Northwest Territories
  - Fort Simpson, Northwest Territories
  - Fort Smith, Northwest Territories
  - Paulatuk, Northwest Territories
  - Roberval, Quebec
  - Sachs Harbour, Northwest Territories
  - Wrigley, Northwest Territories

## 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-III air carriers (Defn 2000) – This includes every Canadian air carrier that, in each of the two calendar years immediately preceding the report year, realized annual gross revenues of \$1,000,000 or more for the air services for which the air carrier held a licence. Also includes foreign air carriers.

Level IV-VI air carriers (Defn 2000) – Canadian air carriers not classified in report Level I-III that, in each of the two calendar years immediately preceding the report year, realized annual gross revenues of less than \$1,000,000 for the air services for which the air carrier held a licence. Since 2000, levels IV and VI are no longer applicable.

#### 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 “state” under “Purpose” in the Canadian civil aircraft register.

#### Government-Military

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

## Gross take-off weight

The maximum weight for which the aircraft is licensed to operate.

## 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 Mirabel airport from London, England would appear under “other international”. If the same aircraft moved on to Toronto, both the departure at Mirabel and the arrival at Toronto would be shown as “domestic”.

## Itinerant movements

### 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 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.

## 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 any totals in this publication.

## **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.

## **Weight group**

The classification of weight classes in groups for statistical purposes.