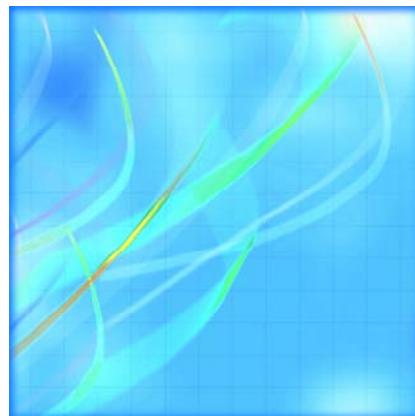


Catalogue no. 51-008-X

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



September 2010



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)

September 2010

Published by authority of the Minister responsible for Statistics Canada

© Minister of Industry, 2010 and the © Minister of Transport, 2010

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.

December 2010

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

## 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**, Assistant Director, Transportation Division and **Norah Hillary**, Chief, Aviation Statistics Centre. **Kathie Davidson**, **Rose Krakower**, **John Scolli**, **Bev Pomfret** 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>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 for September 2010, represented 6.6% of the total itinerant movements. Goose Bay recorded 2,824 take-offs and landings, up 27.8% from September 2009.
- Welland/Niagara Central, Ontario (2,400 movements) followed by Guelph, Ontario (2,129 movements) reported the greatest number of local movements in September 2010.

### Text table 1

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

	September 2009	September 2010	Percentage change, September 2009 to September 2010	Year-to-date total		Percentage change 2009 to 2010
				2009	2010	
	number		percent	number		percent
<b>Total</b>	<b>61,199</b>	<b>57,379</b>	<b>-6.2</b>	<b>495,177</b>	<b>529,633</b>	<b>7.0</b>
<b>Itinerant movements</b>						
Carrier	30,625	31,896	4.2	259,984	287,580	10.6
Other commercial	1,541	909	-41.0	15,135	11,542	-23.7
Private	6,183	4,410	-28.7	42,910	47,007	9.5
Government						
Civil	1,645	1,439	-12.5	14,240	16,293	14.4
Military	1,001	793	-20.8	9,614	11,201	16.5
<b>Total</b>	<b>44,328</b>	<b>42,747</b>	<b>-3.6</b>	<b>369,450</b>	<b>401,683</b>	<b>8.7</b>
<b>Local movements</b>						
Civil	12,153	10,227	-15.8	95,267	98,594	3.5
Military	1,344	1,125	-16.3	3,597	1,946	-45.9
<b>Total</b>	<b>14,351</b>	<b>12,198</b>	<b>-15.0</b>	<b>105,304</b>	<b>106,632</b>	<b>1.3</b>
Number of airports in the survey	136	130	...	136	130	...

## Analysis

---

In September 2010, the number of take-offs and landings at the 130 airports without air traffic control towers reached 57,379 movements. Goose Bay, Newfoundland and Labrador (2,824 movements) followed by Peterborough, Ontario (2,585 movements) were the most active sites in September 2010. Year-over-year increases were reported by 58 of these airports.

There were 42,747 itinerant movements (flights from one airport to another) recorded by 110 airports without air traffic control towers in September 2010. Forty-four airports reported year-over-year increases. Goose Bay, Newfoundland and Labrador represented 6.6% of the total itinerant movements.

There were 12,198 local movements (flights that remain in the vicinity of the airport) recorded by 48 airports without air traffic control towers in September 2010. Welland/Niagara Central, Ontario (2,400 movements) followed by Guelph, Ontario (2,129 movements) reported the greatest number of local movements in September 2010.

## Related products

---

### Selected publications from Statistics Canada

---

51-007-X	Aircraft Movement Statistics: NAV CANADA Towers and Flight Service Stations (TP 141)
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		
Amos Municipal, Quebec	24	320	103	217
Arviat, Nunavut	28	287	287	0
Aupaluk, Quebec	.	96	79	17
Baie-Comeau, Quebec	30	753	747	6
Baker Lake, Nunavut	30	428	424	4
Barrie-Orillia-Lake Simcoe Regional, Ontario	29	549	271	278
Bathurst, New Brunswick	15	88	88	0
Beaver Creek, Yukon	13	21	21	0
Berens River, Manitoba	..	180	..	..
Bloodvein River, Manitoba	..	200	..	..
Brochet, Manitoba	..	84	..	..
Buffalo Narrows, Saskatchewan	29	589	555	34
Burwash, Yukon	20	213	213	0
Cambridge Bay, Nunavut	30	681	583	98
Cape Dorset, Nunavut	18	86	86	0
Charlo, New Brunswick	25	95	95	0
Chesterfield Inlet, Nunavut	28	159	159	0
Chevery, Quebec	26	340	340	0
Chibougamau/Chapais, Quebec	30	505	503	2
Clyde River, Nunavut	9	34	34	0
Collingwood, Ontario	30	764	626	138
Comox, British Columbia	30	1,568	1,568	0
Coral Harbour, Nunavut	29	239	237	2
Cross Lake, Manitoba	..	173	..	..
Dauphin, Manitoba	27	238	232	6
Dawson, Yukon	30	1,306	1,306	0
Dawson Creek, British Columbia	30	534	526	8
Déline, Northwest Territories	24	174	174	0
Digby, Nova Scotia	23	147	72	75
Drummondville, Quebec	29	1,740	408	1,332
Dryden Regional, Ontario	30	978	893	85
Elliot Lake Municipal, Ontario	30	460	368	92
Eureka, Nunavut	12	26	26	0
Faro, Yukon	29	472	472	0
Flin Flon, Manitoba	30	601	601	0
Fort Frances Municipal, Ontario	30	579	579	0
Fort Liard, Northwest Territories	14	68	68	0
Fort McPherson, Northwest Territories	12	73	73	0
Fort Resolution, Northwest Territories	7	17	17	0
Fort Simpson, Northwest Territories	30	210	210	0
Gamèti/Rae Lakes, Northwest Territories	18	81	81	0
Gaspé, Quebec	30	439	421	18
Geraldton, Ontario	27	158	130	28
Gillam, Manitoba	29	365	365	0
Gjoa Haven, Nunavut	30	243	173	70
Gods Lake Narrows, Manitoba	..	139	..	..
Gods River, Manitoba	..	198	..	..
Goose Bay, Newfoundland and Labrador	30	2,824	2,824	0
Grise Fiord, Nunavut	10	26	26	0
Guelph, Ontario	23	2,129	0	2,129
Hall Beach, Nunavut	30	334	334	0
Havre St-Pierre, Quebec	30	662	646	16
Hay River, Northwest Territories	30	518	518	0
Hearst/René Fontaine Municipal, Ontario	14	49	49	0
Igloodik, Nunavut	27	130	130	0
Ilford, Manitoba	..	40	..	..
Inukjuak, Quebec	.	213	211	2
Island Lake, Manitoba	30	953	953	0
Ivujivik, Quebec	.	179	176	3
Kangiqsualujuaq, Quebec	.	170	170	0
Kangirsuk, Quebec	.	183	182	1
Kapuskasing, Ontario	30	496	363	133
Kimmirut, Nunavut	18	57	57	0
Kugaaruk, Nunavut	29	185	170	15
Kugluktuk, Nunavut	30	405	325	80
Kuujuarapik, Quebec	30	523	523	0
Lac Brochet, Manitoba	..	142	..	..
Little Grand Rapids, Manitoba	..	109	..	..

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		
Lourdes-de-Blanc-Sablon, Quebec	30	481	481	0
Mayo, Yukon	30	580	580	0
Miramichi, New Brunswick	28	484	484	0
Moosonee, Ontario	30	1,460	1,460	0
Muskoka, Ontario	30	1,439	999	440
Nakina, Ontario	30	380	372	8
Nanisivik, Nunavut	12	31	31	0
Natashquan, Quebec	28	227	227	0
Norway House, Manitoba	30	391	391	0
Old Crow, Yukon	27	134	134	0
Oxford House, Manitoba	..	280	..	..
Pabok, Quebec	19	50	50	0
Pangnirtung, Nunavut	26	143	143	0
Paulatuk, Northwest Territories	30	250	250	0
Peterborough, Ontario	30	2,585	513	2,072
Pickle Lake, Ontario	30	1,666	1,614	52
Pikwitonei, Manitoba	..	26	..	..
Pond Inlet, Nunavut	17	63	63	0
Poplar River, Manitoba	..	200	..	..
Port-Menier, Quebec	22	204	204	0
Prince Rupert/Digby Island, British Columbia	19	112	112	0
Prince Rupert/Seal Cove, British Columbia	30	1,429	1,429	0
Pukatawagan, Manitoba	..	150	..	..
Puvirnituq, Quebec	..	525	507	18
Qikiqtarjuaq, Nunavut	22	64	64	0
Quaqtaq, Quebec	..	136	134	2
Quesnel, British Columbia	30	469	447	22
Red Lake, Ontario	30	2,060	1,844	216
Red Sucker Lake, Manitoba	..	144	..	..
Repulse Bay, Nunavut	26	138	138	0
Resolute Bay, Nunavut	27	197	197	0
Rimouski, Quebec	28	371	349	22
Roberval, Quebec	30	353	295	58
Salluit, Quebec	..	188	119	69
Sandspit, British Columbia	30	288	268	20
Sanikiluaq, Nunavut	23	93	93	0
Shamattawa, Manitoba	..	202	..	..
Sherbrooke, Quebec	17	205	85	120
South Indian Lake, Manitoba	..	48	..	..
St. Anthony, Newfoundland and Labrador	29	295	295	0
St-Augustin, Quebec	17	131	131	0
St. Theresa Point, Manitoba	30	489	487	2
Stephenville, Newfoundland and Labrador	27	158	158	0
Stony Rapids, Saskatchewan	30	834	834	0
Sydney, Nova Scotia	30	728	650	78
Tadoule Lake, Manitoba	..	72	..	..
Taloyoak, Nunavut	28	125	125	0
Tasiujaq, Quebec	..	165	165	0
The Pas, Manitoba	30	383	373	10
Thicket Portage, Manitoba	..	12	..	..
Tillsonburg, Ontario	..	1,168	434	734
Tofino, British Columbia	25	396	396	0
Trois-Rivières, Quebec	30	1,388	762	626
Tuktoyaktuk, Northwest Territories	30	305	305	0
Tulita, Northwest Territories	21	272	272	0
Waskaganish, Quebec	16	266	154	112
Watson Lake, Yukon	30	427	427	0
Welland/Niagara Central, Ontario	27	2,496	96	2,400
Wemindji, Quebec	23	121	121	0
Whale Cove, Nunavut	24	138	138	0
York Landing, Manitoba	..	35	..	..
Yorkton Municipal, Saskatchewan	29	704	476	228
<b>Total (130)</b>	<b>30</b>	<b>57,379</b>	<b>42,747</b>	<b>12,198</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									
Amos Municipal, Quebec	103	43	0	46	0	0	0	14	0
Arviat, Nunavut	287	262	0	21	0	0	0	4	0
Aupaluk, Quebec	79	.	.	.	.	.	.	.	.
Baie-Comeau, Quebec	747	549	10	94	0	0	1	72	21
Baker Lake, Nunavut	424	411	3	1	6	0	0	3	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	271	121	13	105	2	0	8	18	4
Bathurst, New Brunswick	88	67	0	1	6	0	6	8	0
Beaver Creek, Yukon	21	6	0	6	0	0	9	0	0
Buffalo Narrows, Saskatchewan	555	487	2	50	0	0	0	16	0
Burwash, Yukon	213	201	2	4	0	0	1	0	5
Cambridge Bay, Nunavut	583	565	0	4	0	0	0	14	0
Cape Dorset, Nunavut	86	82	0	0	0	0	0	4	0
Charlo, New Brunswick	95	42	2	40	0	0	9	2	0
Chesterfield Inlet, Nunavut	159	159	0	0	0	0	0	0	0
Chevery, Quebec	340	332	6	0	0	0	0	2	0
Chibougamau/Chapais, Quebec	503	422	0	65	0	0	0	14	2
Clyde River, Nunavut	34	34	0	0	0	0	0	0	0
Collingwood, Ontario	626	65	53	500	0	0	0	8	0
Comox, British Columbia	1,568	1,106	4	7	3	4	2	44	398
Coral Harbour, Nunavut	237	227	6	0	0	0	0	4	0
Dauphin, Manitoba	232	104	29	57	0	0	1	15	26
Dawson, Yukon	1,306	1,144	40	97	4	0	19	0	2
Dawson Creek, British Columbia	526	400	4	115	0	0	3	4	0
Déline, Northwest Territories	174	168	0	2	0	0	0	4	0
Digby, Nova Scotia	72	15	1	47	1	0	6	2	0
Drummondville, Quebec	408	90	28	204	15	4	55	0	12
Dryden Regional, Ontario	893	617	8	136	10	0	16	85	21
Elliot Lake Municipal, Ontario	368	251	56	58	0	0	1	2	0
Eureka, Nunavut	26	11	0	2	1	0	0	0	12
Faro, Yukon	472	447	10	15	0	0	0	0	0
Flin Flon, Manitoba	601	503	2	57	0	0	10	29	0
Fort Frances Municipal, Ontario	579	460	6	64	2	0	37	8	2
Fort Liard, Northwest Territories	68	64	0	2	0	0	0	2	0
Fort McPherson, Northwest Territories	73	63	0	0	0	0	0	10	0
Fort Resolution, Northwest Territories	17	15	0	0	0	0	0	2	0
Fort Simpson, Northwest Territories	210	184	0	7	0	0	1	12	6
Gamëti/Rae Lakes, Northwest Territories	81	77	0	0	0	0	0	4	0
Gaspé, Quebec	421	301	54	13	1	0	0	52	0
Geraldton, Ontario	130	77	6	40	0	0	0	7	0
Gillam, Manitoba	365	337	0	14	0	0	0	14	0
Gjoa Haven, Nunavut	173	150	0	0	0	0	0	16	7
Goose Bay, Newfoundland and Labrador	2,824	2,101	65	116	139	31	204	84	84
Grise Fiord, Nunavut	26	24	0	0	0	0	0	2	0
Hall Beach, Nunavut	334	314	0	9	0	0	1	10	0
Havre St-Pierre, Quebec	646	563	0	36	0	0	0	47	0
Hay River, Northwest Territories	518	462	1	23	0	0	0	31	1
Hearst/René Fontaine Municipal, Ontario	49	39	6	4	0	0	0	0	0
Igloolik, Nunavut	130	124	0	4	0	0	0	2	0
Inukjuak, Quebec	211	.	.	.	.	.	.	.	.
Island Lake, Manitoba	953	926	2	8	0	0	0	17	0
Ivujivik, Quebec	176	.	.	.	.	.	.	.	.
Kangiqsualujuaq, Quebec	170	.	.	.	.	.	.	.	.
Kangirsuk, Quebec	182	.	.	.	.	.	.	.	.
Kapuskasung, Ontario	363	198	0	2	129	8	20	6	0
Kimmirut, Nunavut	57	53	0	0	0	0	0	4	0
Kugaaruk, Nunavut	170	168	0	0	0	0	0	2	0
Kugluktuk, Nunavut	325	300	1	0	0	0	0	20	4
Kuujuarapik, Quebec	523	514	0	3	0	0	0	4	2
Lourdes-de-Blanc-Sablon, Quebec	481	416	43	4	0	0	0	18	0
Mayo, Yukon	580	538	28	13	1	0	0	0	0
Miramichi, New Brunswick	484	292	61	40	10	0	39	39	3
Moosonee, Ontario	1,460	1,403	5	43	0	0	0	6	3
Muskoka, Ontario	999	282	76	412	38	0	84	105	2
Nakina, Ontario	372	366	0	6	0	0	0	0	0
Nanisivik, Nunavut	31	29	0	0	0	0	0	2	0
Natashquan, Quebec	227	205	0	7	0	0	0	15	0
Norway House, Manitoba	391	376	0	1	0	0	0	14	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									
Old Crow, Yukon	134	131	0	0	3	0	0	0	0
Pabok, Quebec	50	6	12	4	0	0	0	28	0
Pangnirtung, Nunavut	143	141	0	2	0	0	0	0	0
Paulatuk, Northwest Territories	250	242	0	0	0	0	0	8	0
Peterborough, Ontario	513	129	54	259	9	0	14	22	26
Pickle Lake, Ontario	1,614	1,516	24	52	2	0	2	18	0
Pond Inlet, Nunavut	63	59	0	0	0	0	0	4	0
Port-Menier, Quebec	204	194	0	10	0	0	0	0	0
Prince Rupert/Digby Island, British Columbia	112	112	0	0	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	1,429	1,254	1	42	6	0	12	114	0
Puvirnituq, Quebec	507	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	64	61	0	1	0	0	0	2	0
Quaqtaq, Quebec	134	.	.	.	.	.	.	.	.
Quesnel, British Columbia	447	249	0	176	0	0	6	16	0
Red Lake, Ontario	1,844	1,664	7	97	0	0	12	46	18
Repulse Bay, Nunavut	138	128	6	0	0	0	0	4	0
Resolute Bay, Nunavut	197	155	0	6	0	0	0	12	24
Rimouski, Quebec	349	146	0	193	0	0	0	10	0
Roberval, Quebec	295	132	24	126	1	0	0	6	6
Salluit, Quebec	119	.	.	.	.	.	.	.	.
Sandspit, British Columbia	268	243	4	3	0	0	0	12	6
Sanikiluaq, Nunavut	93	87	4	0	0	0	0	2	0
Sherbrooke, Quebec	85	17	2	42	4	0	0	4	16
St. Anthony, Newfoundland and Labrador	295	249	8	14	1	0	1	22	0
St-Augustin, Quebec	131	107	18	6	0	0	0	0	0
St. Theresa Point, Manitoba	487	475	0	8	0	0	0	4	0
Stephenville, Newfoundland and Labrador	158	116	2	5	8	2	4	13	8
Stony Rapids, Saskatchewan	834	748	11	51	0	0	1	23	0
Sydney, Nova Scotia	650	556	7	39	4	0	8	26	10
Taloyoak, Nunavut	125	125	0	0	0	0	0	0	0
Tasiujaq, Quebec	165	.	.	.	.	.	.	.	.
The Pas, Manitoba	373	328	2	12	0	0	1	26	4
Tillsonburg, Ontario	434	.	.	.	.	.	.	.	.
Tofino, British Columbia	396	207	20	111	1	0	5	46	6
Trois-Rivières, Quebec	762	419	51	264	1	0	3	10	14
Tuktoyaktuk, Northwest Territories	305	296	0	4	0	0	0	5	0
Tulita, Northwest Territories	272	270	0	0	0	0	0	0	2
Waskaganish, Quebec	154	154	0	0	0	0	0	0	0
Watson Lake, Yukon	427	264	2	151	0	0	0	2	8
Welland/Niagara Central, Ontario	96	4	2	22	4	8	52	4	0
Wemindji, Quebec	121	119	0	2	0	0	0	0	0
Whale Cove, Nunavut	138	134	0	0	0	0	0	4	0
Yorkton Municipal, Saskatchewan	476	307	15	103	0	0	0	23	28
<b>Total (110)</b>	<b>42,747</b>	<b>31,896</b>	<b>909</b>	<b>4,410</b>	<b>412</b>	<b>57</b>	<b>654</b>	<b>1,439</b>	<b>793</b>

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

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
number						
Amos Municipal, Quebec	103	14	34	41	14	0
Arviat, Nunavut	287	0	244	25	18	0
Aupaluk, Quebec	79	.	.	.	.	..
Baie-Comeau, Quebec	747	55	490	111	91	0
Baker Lake, Nunavut	424	0	264	103	57	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	271	8	18	125	120	0
Bathurst, New Brunswick	88	0	54	32	2	0
Beaver Creek, Yukon	21	0	4	13	4	0
Buffalo Narrows, Saskatchewan	555	0	454	99	2	0
Burwash, Yukon	213	0	4	16	193	0
Cambridge Bay, Nunavut	583	57	409	72	45	0
Cape Dorset, Nunavut	86	0	86	0	0	0
Charlo, New Brunswick	95	10	47	30	8	0
Chesterfield Inlet, Nunavut	159	0	155	2	2	0
Chevery, Quebec	340	2	278	6	54	0
Chibougamau/Chapais, Quebec	503	22	306	97	78	0
Clyde River, Nunavut	34	0	34	0	0	0
Collingwood, Ontario	626	11	25	558	28	4
Comox, British Columbia	1,568	248	894	198	226	2
Coral Harbour, Nunavut	237	0	197	2	38	0
Dauphin, Manitoba	232	11	110	103	8	0
Dawson, Yukon	1,306	0	184	735	386	1
Dawson Creek, British Columbia	526	12	295	131	88	0
Déline, Northwest Territories	174	0	143	29	2	0
Digby, Nova Scotia	72	0	1	61	10	0
Drummondville, Quebec	408	0	8	324	72	4
Dryden Regional, Ontario	893	64	507	208	114	0
Elliot Lake Municipal, Ontario	368	2	212	116	38	0
Eureka, Nunavut	26	0	26	0	0	0
Faro, Yukon	472	0	72	71	329	0
Flin Flon, Manitoba	601	16	412	135	38	0
Fort Frances Municipal, Ontario	579	6	397	153	23	0
Fort Liard, Northwest Territories	68	0	8	24	36	0
Fort McPherson, Northwest Territories	73	0	73	0	0	0
Fort Resolution, Northwest Territories	17	0	13	4	0	0
Fort Simpson, Northwest Territories	210	2	140	58	10	0
Gamèti/Rae Lakes, Northwest Territories	81	0	77	4	0	0
Gaspé, Quebec	421	18	298	89	16	0
Geraldton, Ontario	130	0	68	36	26	0
Gillam, Manitoba	365	1	140	220	4	0
Gjoa Haven, Nunavut	173	2	141	5	25	0
Goose Bay, Newfoundland and Labrador	2,824	489	1,608	158	569	0
Grise Fiord, Nunavut	26	0	26	0	0	0
Hall Beach, Nunavut	334	0	261	8	65	0
Havre St-Pierre, Quebec	646	6	189	167	282	2
Hay River, Northwest Territories	518	0	397	108	13	0
Hearst/René Fontaine Municipal, Ontario	49	6	22	3	18	0
Igloodik, Nunavut	130	0	122	2	6	0
Inukjuak, Quebec	211	.	.	.	.	..
Island Lake, Manitoba	953	0	703	108	142	0
Ivujivik, Quebec	176	.	.	.	.	..
Kangiqsualujuaq, Quebec	170	.	.	.	.	..
Kangirsuk, Quebec	182	.	.	.	.	..
Kapuskasing, Ontario	363	10	309	10	34	0
Kimirut, Nunavut	57	0	55	0	2	0
Kugaaruk, Nunavut	170	2	120	0	48	0
Kugluktuk, Nunavut	325	2	309	0	14	0
Kuujuarapik, Quebec	523	4	503	3	13	0
Lourdes-de-Blanc-Sablon, Quebec	481	0	406	48	27	0
Mayo, Yukon	580	0	195	217	168	0
Miramichi, New Brunswick	484	63	79	328	14	0
Moosonee, Ontario	1,460	2	966	329	163	0
Muskoka, Ontario	999	102	177	624	95	1
Nakina, Ontario	372	0	358	6	8	0
Nanisivik, Nunavut	31	0	31	0	0	0
Natashquan, Quebec	227	2	161	10	54	0
Norway House, Manitoba	391	2	351	32	6	0
Old Crow, Yukon	134	0	130	0	4	0



Table 2-2 – continued

## Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Pabok, Quebec	50	10	22	14	4	0
Pangnirtung, Nunavut	143	0	139	2	2	0
Paulatuk, Northwest Territories	250	0	57	11	182	0
Peterborough, Ontario	513	23	76	366	48	0
Pickle Lake, Ontario	1,614	3	1,457	70	84	0
Pond Inlet, Nunavut	63	0	63	0	0	0
Port-Menier, Quebec	204	0	108	96	0	0
Prince Rupert/Digby Island, British Columbia	112	0	22	90	0	0
Prince Rupert/Seal Cove, British Columbia	1,429	0	201	785	443	0
Puvirnituq, Quebec	507	.	.	.	.	.
Qikiqtarjuaq, Nunavut	64	0	63	1	0	0
Quaqtaq, Quebec	134	.	.	.	.	.
Quesnel, British Columbia	447	10	193	178	66	0
Red Lake, Ontario	1,844	4	1,216	594	30	0
Repulse Bay, Nunavut	138	0	126	2	10	0
Resolute Bay, Nunavut	197	12	167	7	11	0
Rimouski, Quebec	349	6	113	216	14	0
Roberval, Quebec	295	6	80	137	72	0
Salluit, Quebec	119	.	.	.	.	.
Sandspit, British Columbia	268	4	123	7	134	0
Sanikiluaq, Nunavut	93	0	93	0	0	0
Sherbrooke, Quebec	85	4	0	45	34	2
St. Anthony, Newfoundland and Labrador	295	11	264	14	6	0
St-Augustin, Quebec	131	0	123	8	0	0
St. Theresa Point, Manitoba	487	1	364	119	3	0
Stephenville, Newfoundland and Labrador	158	41	65	2	48	2
Stony Rapids, Saskatchewan	834	0	608	189	37	0
Sydney, Nova Scotia	650	136	375	52	81	6
Taloyoak, Nunavut	125	0	125	0	0	0
Tasiujaq, Quebec	165	.	.	.	.	.
The Pas, Manitoba	373	25	253	72	23	0
Tillsonburg, Ontario	434	..	..	..	..	..
Tofino, British Columbia	396	8	85	242	61	0
Trois-Rivières, Quebec	762	19	17	622	102	2
Tuktoyaktuk, Northwest Territories	305	0	239	58	8	0
Tulita, Northwest Territories	272	0	144	74	54	0
Waskaganish, Quebec	154	0	148	4	2	0
Watson Lake, Yukon	427	2	45	305	75	0
Welland/Niagara Central, Ontario	96	0	2	84	2	8
Wemindji, Quebec	121	0	117	4	0	0
Whale Cove, Nunavut	138	0	137	1	0	0
Yorkton Municipal, Saskatchewan	476	10	97	339	30	0
<b>Total (110)</b>	<b>42,747</b>	<b>1,586</b>	<b>22,327</b>	<b>11,007</b>	<b>5,616</b>	<b>34</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							
Amos Municipal, Quebec	103	54	1	34	0	0	14	0
Arviat, Nunavut	287	35	8	54	42	50	98	0
Aupaluk, Quebec	79	.	..	..	.	.	.	.
Baie-Comeau, Quebec	747	113	92	292	55	144	51	0
Baker Lake, Nunavut	424	58	102	53	52	83	74	2
Barrie-Orillia-Lake Simcoe Regional, Ontario	271	231	20	8	4	6	2	0
Bathurst, New Brunswick	88	16	22	6	0	20	24	0
Beaver Creek, Yukon	21	14	1	4	2	0	0	0
Buffalo Narrows, Saskatchewan	555	69	34	365	87	0	0	0
Burwash, Yukon	213	202	9	2	0	0	0	0
Cambridge Bay, Nunavut	583	25	50	139	89	114	108	58
Cape Dorset, Nunavut	86	0	0	14	0	28	43	1
Charlo, New Brunswick	95	12	24	47	4	4	2	2
Chesterfield Inlet, Nunavut	159	2	2	12	44	41	58	0
Chevery, Quebec	340	54	6	122	152	2	4	0
Chibougamau/Chapais, Quebec	503	129	63	153	55	97	6	0
Clyde River, Nunavut	34	0	0	5	0	7	22	0
Collingwood, Ontario	626	564	39	9	4	8	2	0
Comox, British Columbia	1,568	81	157	76	548	309	118	279
Coral Harbour, Nunavut	237	28	12	47	36	0	114	0
Dauphin, Manitoba	232	99	8	100	11	2	0	12
Dawson, Yukon	1,306	846	271	66	16	0	107	0
Dawson Creek, British Columbia	526	206	17	32	181	83	7	0
Déline, Northwest Territories	174	6	62	77	4	0	25	0
Digby, Nova Scotia	72	52	18	1	0	1	0	0
Drummondville, Quebec	408	379	9	20	0	0	0	0
Dryden Regional, Ontario	893	220	99	478	10	6	70	10
Elliot Lake Municipal, Ontario	368	118	92	146	2	10	0	0
Eureka, Nunavut	26	0	0	6	6	0	0	14
Faro, Yukon	472	353	31	86	2	0	0	0
Flin Flon, Manitoba	601	99	68	318	10	100	6	0
Fort Frances Municipal, Ontario	579	81	164	324	10	0	0	0
Fort Liard, Northwest Territories	68	36	10	21	1	0	0	0
Fort McPherson, Northwest Territories	73	0	0	27	0	0	46	0
Fort Resolution, Northwest Territories	17	0	4	7	0	0	6	0
Fort Simpson, Northwest Territories	210	52	62	34	4	6	52	0
Gamëti/Rae Lakes, Northwest Territories	81	0	41	31	0	0	9	0
Gaspé, Quebec	421	13	92	43	10	189	74	0
Geraldton, Ontario	130	47	25	57	0	0	1	0
Gillam, Manitoba	365	32	203	20	2	103	4	1
Gjoa Haven, Nunavut	173	0	22	25	2	52	71	1
Goose Bay, Newfoundland and Labrador	2,824	444	262	904	286	595	214	119
Grise Fiord, Nunavut	26	0	0	23	3	0	0	0
Hall Beach, Nunavut	334	17	20	173	8	40	76	0
Havre St-Pierre, Quebec	646	202	245	71	76	34	18	0
Hay River, Northwest Territories	518	35	48	130	113	86	105	1
Hearst/René Fontaine Municipal, Ontario	49	19	2	22	0	0	6	0
Igloolik, Nunavut	130	4	4	39	4	44	35	0
Inukjuak, Quebec	211	.	..	..	.	.	.	.
Island Lake, Manitoba	953	228	20	455	21	163	66	0
Ivujivik, Quebec	176	.	..	..	.	.	.	.
Kangiqsualujuaq, Quebec	170	.	..	..	.	.	.	.
Kangirsuk, Quebec	182	.	..	..	.	.	.	.
Kapusking, Ontario	363	28	60	251	12	6	6	0
Kimirut, Nunavut	57	2	0	51	4	0	0	0
Kugaaruk, Nunavut	170	48	25	23	2	29	39	4
Kugluktuk, Nunavut	325	2	14	110	8	84	103	4
Kuujuarapik, Quebec	523	14	2	245	6	78	178	0
Lourdes-de-Blanc-Sablon, Quebec	481	51	22	188	105	113	2	0
Mayo, Yukon	580	276	242	48	8	0	6	0
Miramichi, New Brunswick	484	254	88	56	21	61	0	4
Moosonee, Ontario	1,460	262	153	698	170	116	61	0
Muskoka, Ontario	999	650	91	126	82	29	19	2
Nakina, Ontario	372	10	216	118	28	0	0	0
Nanisivik, Nunavut	31	0	0	5	0	0	26	0
Natashquan, Quebec	227	49	15	83	75	1	4	0
Norway House, Manitoba	391	12	28	327	24	0	0	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						
Old Crow, Yukon	134	4	0	4	4	0	122	0
Pabok, Quebec	50	8	12	2	0	18	10	0
Pangnirtung, Nunavut	143	0	4	8	0	64	67	0
Paulatuk, Northwest Territories	250	184	0	53	0	9	4	0
Peterborough, Ontario	513	385	25	54	13	16	6	14
Pickle Lake, Ontario	1,614	101	840	211	96	2	364	0
Pond Inlet, Nunavut	63	0	0	12	7	16	28	0
Port-Menier, Quebec	204	0	96	45	43	0	20	0
Prince Rupert/Digby Island, British Columbia	112	0	112	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	1,429	320	1,063	22	0	24	0	0
Puvirnituq, Quebec	507	..	..	..	..	..	..	..
Qikiqtarjuaq, Nunavut	64	0	1	8	0	18	37	0
Quaqtaq, Quebec	134	..	..	..	..	..	..	..
Quesnel, British Columbia	447	222	14	16	195	0	0	0
Red Lake, Ontario	1,844	178	703	496	306	15	142	4
Repulse Bay, Nunavut	138	8	4	48	34	0	44	0
Resolute Bay, Nunavut	197	0	12	88	18	2	36	41
Rimouski, Quebec	349	157	73	107	4	2	6	0
Roberval, Quebec	295	180	37	34	6	32	6	0
Salluit, Quebec	119	..	..	..	..	..	..	..
Sandspit, British Columbia	268	88	15	79	6	46	32	2
Sanikiluaq, Nunavut	93	0	0	30	18	16	29	0
Sherbrooke, Quebec	85	59	4	16	2	2	2	0
St. Anthony, Newfoundland and Labrador	295	8	16	91	55	124	0	1
St-Augustin, Quebec	131	6	2	53	66	2	2	0
St. Theresa Point, Manitoba	487	117	7	194	2	120	46	1
Stephenville, Newfoundland and Labrador	158	39	9	5	12	65	4	24
Stony Rapids, Saskatchewan	834	47	227	336	126	98	0	0
Sydney, Nova Scotia	650	94	81	42	16	288	69	60
Taloyoak, Nunavut	125	0	8	16	0	45	56	0
Tasiujaq, Quebec	165	..	..	..	..	..	..	..
The Pas, Manitoba	373	47	50	148	17	105	4	2
Tillsonburg, Ontario	434	..	..	..	..	..	..	..
Tofino, British Columbia	396	120	210	20	12	29	5	0
Trois-Rivières, Quebec	762	638	68	30	6	5	7	8
Tuktoyaktuk, Northwest Territories	305	37	12	239	0	17	0	0
Tulita, Northwest Territories	272	89	97	60	0	0	26	0
Waskaganish, Quebec	154	4	2	30	14	104	0	0
Watson Lake, Yukon	427	260	120	20	25	0	2	0
Welland/Niagara Central, Ontario	96	73	19	2	0	0	2	0
Wemindji, Quebec	121	4	0	28	12	77	0	0
Whale Cove, Nunavut	138	0	1	51	38	0	48	0
Yorkton Municipal, Saskatchewan	476	238	126	74	28	2	0	8
<b>Total (110)</b>	<b>42,747</b>	<b>10,648</b>	<b>7,567</b>	<b>10,279</b>	<b>3,682</b>	<b>4,307</b>	<b>3,408</b>	<b>679</b>

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

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	217	217	0
Aupaluk, Quebec	17	.	.
Baie-Comeau, Quebec	6	6	0
Baker Lake, Nunavut	4	4	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	278	276	2
Buffalo Narrows, Saskatchewan	34	34	0
Cambridge Bay, Nunavut	98	98	0
Chibougamau/Chapais, Quebec	2	2	0
Collingwood, Ontario	138	126	12
Coral Harbour, Nunavut	2	2	0
Dauphin, Manitoba	6	6	0
Dawson Creek, British Columbia	8	8	0
Digby, Nova Scotia	75	75	0
Drummondville, Quebec	1,332	270	1,062
Dryden Regional, Ontario	85	79	6
Elliot Lake Municipal, Ontario	92	92	0
Gaspé, Quebec	18	18	0
Geraldton, Ontario	28	28	0
Gjoa Haven, Nunavut	70	70	0
Guelph, Ontario	2,129	2,129	0
Havre St-Pierre, Quebec	16	16	0
Inukjuak, Quebec	2	.	.
Ivujivik, Quebec	3	.	.
Kangirsuk, Quebec	1	.	.
Kapuskasing, Ontario	133	133	0
Kugaaruk, Nunavut	15	15	0
Kugluktuk, Nunavut	80	80	0
Muskoka, Ontario	440	440	0
Nakina, Ontario	8	8	0
Peterborough, Ontario	2,072	2,070	2
Pickle Lake, Ontario	52	52	0
Puvirnituq, Quebec	18	.	.
Quaqtaq, Quebec	2	.	.
Quesnel, British Columbia	22	22	0
Red Lake, Ontario	216	202	14
Rimouski, Quebec	22	22	0
Roberval, Quebec	58	58	0
Salluit, Quebec	69	.	.
Sandspit, British Columbia	20	12	8
Sherbrooke, Quebec	120	118	2
St. Theresa Point, Manitoba	2	2	0
Sydney, Nova Scotia	78	72	6
The Pas, Manitoba	10	10	0
Tillsonburg, Ontario	734	..	..
Trois-Rivières, Quebec	626	625	1
Waskaganish, Quebec	112	112	0
Welland/Niagara Central, Ontario	2,400	2,400	0
Yorkton Municipal, Saskatchewan	228	218	10
<b>Total (48)</b>	<b>12,198</b>	<b>10,227</b>	<b>1,125</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 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

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
Kangiqualujjuaq	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 September, 2009 but were not available in September, 2010:

- Aklavik, Northwest Territories
- Bromont, Quebec
- Eastmain River, Quebec
- Fort Smith, Northwest Territories
- Lutselk'e, Northwest Territories
- Sachs Harbour, Northwest Territories
- Teslin, Yukon
- Ulukhakot/Holman, Northwest Territories
- Wrigley, Northwest Territories

b) data for the following airports are included in September, 2010 but not in September, 2009:

- Collingwood, Ontario
- Kugluktuk, Nunavut
- Miramichi, New Brunswick
- Paulatuk, Northwest Territories
- Port-Menier, Quebec
- Resolute Bay, Nunavut



## 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:** Canadian air carriers that, in the calendar year immediately preceding the report year, realized annual gross revenues of \$2,000,000 or more for the air services for which the air carrier held a licence. Also includes foreign air carriers.

**Level IV-VI air carriers:** Canadian air carriers that, in the calendar year immediately preceding the report year, realized annual gross revenues of less than \$2,000,000 for the air services for which the air carrier held a licence. Between 2000 and 2009, levels IV and VI were not 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 "3" 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. For operational purposes, all weights are rounded upwards to the next 1,000 kilograms. Thus 3,200 kilograms becomes 4,000 kilograms.

## 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.

## 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.