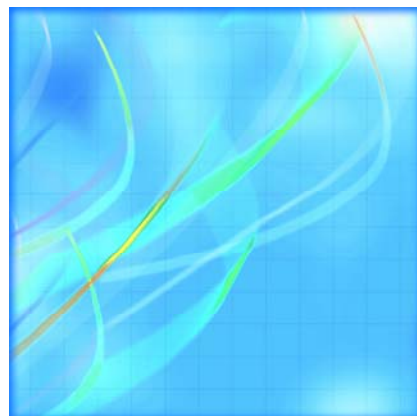




Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



July 2007



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.ca or contact us by e-mail at infostats@statcan.ca or by phone from 8:30am to 4:30pm Monday to Friday at:

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**

Depository Services Program inquiries line **1-800-635-7943**

Depository Services Program fax line **1-800-565-7757**

Statistics Canada national contact centre: 1-613-951-8116

Fax line **1-613-951-0581**

Information to access the product

This product, catalogue no. 51-008-X, is available for free in electronic format. To obtain a single issue, visit our website at www.statcan.ca and select 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, the Agency has developed *standards of service* which its employees observe in serving its clients.

To obtain a copy of these service standards, please contact Statistics Canada toll free at 1-800-263-1136. The service standards are also published on 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)

July 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.

May 2008

Catalogue no. 51-008-X, vol. 2, no. 7

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
- 0s 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

Highlights	4
Analysis	5
Statistical tables	
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
Data quality, concepts and methodology	
Methodology	16
Data quality and limitations	17
Appendix	
I Factors influencing the data	18
II Glossary of terms	20

Highlights

- Guelph, Ontario was the most active site overall in July 2007. It recorded a total of 5,537 movements down 1,344 (-19.5%) from July 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 3,676 take-offs and landings, up 15.1% compared with July 2006.

Text table 1

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

	July 2006	July 2007	Percentage change, July 2006 over July 2007	Year-to-date total		Percentage change 2006 over 2007
				2006	2007	
	number		percent	number		percent
Total	75,165	84,254	12.1	359,177	408,671	13.8
Itinerant movements						
Carrier	37,507	39,446	5.2	193,247	211,687	9.5
Other commercial	3,304	3,778	14.3	12,816	15,633	22.0
Private	8,858	8,697	-1.8	32,587	32,700	0.3
Government						
Civil	2,686	1,955	-27.2	11,107	10,331	-7.0
Military	1,475	1,784	20.9	8,360	9,153	9.5
Total	55,050	57,223	3.9	262,770	285,511	8.7
Local movements						
Civil	20,106	16,516	-17.9	96,115	89,253	-7.1
Military	9	8	-11.1	292	124	-57.5
Total	20,115	16,524	-17.9	96,407	89,457	-7.2
Number of airports in the survey	99	118	...	99	118	...

Analysis

In July 2007, the number of itinerant and local movements for the 118 airports without air traffic control towers reached 84,254 take-offs and landings. This is an increase of 12.1% compared to the 75,165 take-offs and landings from 99 airports in July 2006.

The majority of the increase of total movements is due to the inclusion of an additional 19 Manitoba airports in 2007. See I for a list of these airports.

Guelph, Ontario was the most active site overall in July 2007. It recorded a total of 5,537 movements down 1,344 (-19.5%) from July 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 3,676 take-offs and landings, up 15.1% compared with July 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	23	198	198	0
Amos Municipal, Quebec	29	390	127	263
Arviat, Nunavut	28	211	211	0
Baie-Comeau, Quebec	31	1,078	926	152
Baker Lake, Nunavut	26	1,421	1,421	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	31	2,336	673	1,663
Bathurst, New Brunswick	31	337	337	0
Beaver Creek, Yukon Territory	14	50	50	0
Berens River, Manitoba	..	826	..	..
Bloodvein River, Manitoba	..	696	..	..
Brochet, Manitoba	..	402	..	..
Buffalo Narrows, Saskatchewan	31	951	911	40
Burwash, Yukon Territory	19	131	131	0
Cambridge Bay, Nunavut	31	1,028	832	196
Cape Dorset, Nunavut	11	53	53	0
Charlo, New Brunswick	30	240	240	0
Chevery, Quebec	23	292	292	0
Chibougamau/Chapais, Quebec	30	439	439	0
Comox, British Columbia	31	2,002	2,002	0
Coral Harbour, Nunavut	31	425	374	51
Cross Lake, Manitoba	..	433	..	..
Dauphin, Manitoba	31	1,031	635	396
Dawson, Yukon Territory	31	1,333	1,279	54
Dawson Creek, British Columbia	31	1,042	770	272
Déline, Northwest Territories	28	293	293	0
Digby, Nova Scotia	25	171	171	0
Digby Island, British Columbia	25	260	260	0
Drummondville, Quebec	30	676	544	132
Dryden Regional, Ontario	31	1,597	1,501	96
Eastmain River, Quebec	27	114	114	0
Elliot Lake Municipal, Ontario	29	473	439	34
Eureka, Nunavut	29	288	288	0
Faro, Yukon Territory	26	101	101	0
Flin Flon, Manitoba	31	827	811	16
Fort Frances Municipal, Ontario	31	731	731	0
Fort Liard, Northwest Territories	21	265	262	3
Fort McPherson, Northwest Territories	11	24	24	0
Fort Resolution, Northwest Territories	18	60	46	14
Fort Simpson, Northwest Territories	31	263	249	14
Fort Smith, Northwest Territories	31	817	809	8
Gamëti/Rae Lakes, Northwest Territories	6	26	26	0
Gaspé, Quebec	31	400	366	34
Geraldton, Ontario	29	403	403	0
Gillam, Manitoba	31	866	866	0
Gjoa Haven, Nunavut	26	195	195	0
Gods Lake Narrows, Manitoba	..	493	..	..
Gods River, Manitoba	..	631	..	..
Goose Bay, Newfoundland and Labrador	31	3,676	3,676	0
Grise Fiord, Nunavut	9	21	21	0
Guelph, Ontario	29	5,537	0	5,537
Hall Beach, Nunavut	28	282	282	0
Havre St-Pierre, Quebec	31	582	582	0
Hay River, Northwest Territories	31	651	651	0
Hearst/René Fontaine Municipal, Ontario	8	48	48	0
Igloolik, Nunavut	28	321	321	0
Ilford, Manitoba	..	151	..	..
Island Lake, Manitoba	31	1,146	1,146	0
Kapuskasing, Ontario	31	376	220	156
Kimmirut, Nunavut	17	87	79	8
Kugaaruk, Nunavut	29	357	341	16
Lac Brochet, Manitoba	..	760	..	..
Little Grand Rapids, Manitoba	..	1,323	..	..
Liverpool, Nova Scotia	13	70	35	35
Lourdes-de-Blanc-Sablon, Quebec	31	435	429	6
Lutsel'e, Northwest Territories	27	238	238	0
Mayo, Yukon Territory	31	1,258	1,225	33
Moosonee, Ontario	31	1,487	1,435	52
Muskoka, Ontario	31	2,536	1,859	677

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			
Nakina, Ontario	31	451	451	0
Nanisivik, Nunavut	23	110	105	5
Natashquan, Quebec	29	307	307	0
Norway House, Manitoba	31	427	427	0
Old Crow, Yukon Territory	31	169	169	0
Oxford House, Manitoba	..	944	..	..
Pabok, Quebec	22	57	57	0
Pangnirtung, Nunavut	30	266	266	0
Paulatuk, Northwest Territories	20	75	75	0
Peterborough, Ontario	31	1,094	681	413
Pickle Lake, Ontario	31	1,773	1,735	38
Pikwitonei, Manitoba	..	100	..	..
Pond Inlet, Nunavut	27	229	229	0
Poplar River, Manitoba	..	560	..	..
Prince Rupert/Seal Cove, British Columbia	31	2,922	2,922	0
Pukatawagan, Manitoba	..	502	..	..
Qikiqtarjuaq, Nunavut	21	117	117	0
Quesnel, British Columbia	31	600	510	90
Red Lake, Ontario	31	2,222	2,174	48
Red Sucker Lake, Manitoba	..	717	..	..
Repulse Bay, Nunavut	27	365	164	201
Resolute Bay, Nunavut	31	828	828	0
Rimouski, Quebec	31	808	468	340
Roberval, Quebec	31	822	812	10
Sachs Harbour, Northwest Territories	12	42	42	0
Sandspit, British Columbia	31	755	755	0
Sanikiluaq, Nunavut	20	77	77	0
Shamattawa, Manitoba	..	1,106	..	..
Sherbrooke, Quebec	31	1,897	746	1,151
South Indian Lake, Manitoba	..	260	..	..
St. Theresa Point, Manitoba	31	497	497	0
Stephenville, Newfoundland and Labrador	31	300	300	0
Stony Rapids, Saskatchewan	31	1,469	1,469	0
Sydney, Nova Scotia	31	818	748	70
Tadoule Lake, Manitoba	..	376	..	..
Taloyoak, Nunavut	29	213	212	1
The Pas, Manitoba	31	605	601	4
Thicket Portage, Manitoba	..	44	..	..
Tofino, British Columbia	31	974	960	14
Trois-Rivières, Quebec	31	3,594	1,665	1,929
Tuktoyaktuk, Northwest Territories	30	1,061	1,061	0
Tulita, Northwest Territories	14	156	156	0
Ulukhakt/Holman, Northwest Territories	23	136	136	0
Waskaganish, Quebec	28	385	282	103
Watson Lake, Yukon Territory	31	719	716	3
Welland/Niagara Central, Ontario	31	2,126	106	2,020
Whale Cove, Nunavut	26	175	173	2
Wrigley, Northwest Territories	11	66	66	0
York Landing, Manitoba	..	183	..	..
Yorkton Municipal, Saskatchewan	31	1,094	970	124
Total (118)	31	84,254	57,223	16,524

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	198	194	0	0	0	0	0	4	0
Amos Municipal, Quebec	127	39	17	61	0	0	0	6	4
Arviat, Nunavut	211	201	5	3	0	0	0	2	0
Baie-Comeau, Quebec	926	696	81	50	2	0	3	90	4
Baker Lake, Nunavut	1,421	1,322	45	46	0	0	0	8	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	673	227	90	300	3	0	44	7	2
Bathurst, New Brunswick	337	259	16	46	0	0	0	16	0
Beaver Creek, Yukon Territory	50	11	0	11	2	0	22	1	3
Buffalo Narrows, Saskatchewan	911	579	134	26	0	0	0	88	84
Burwash, Yukon Territory	131	95	1	33	1	0	1	0	0
Cambridge Bay, Nunavut	832	741	17	50	0	0	0	10	14
Cape Dorset, Nunavut	53	51	2	0	0	0	0	0	0
Charlo, New Brunswick	240	65	12	106	3	0	44	10	0
Chevery, Quebec	292	277	5	10	0	0	0	0	0
Chibougamau/Chapais, Quebec	439	259	78	74	0	0	0	26	2
Comox, British Columbia	2,002	1,209	19	11	4	0	2	5	752
Coral Harbour, Nunavut	374	275	81	14	0	0	0	4	0
Dauphin, Manitoba	635	108	403	96	0	0	1	17	10
Dawson, Yukon Territory	1,279	851	55	262	28	0	72	11	0
Dawson Creek, British Columbia	770	376	156	226	0	0	0	10	2
Déline, Northwest Territories	293	274	0	11	0	0	0	8	0
Digby, Nova Scotia	171	9	17	130	0	5	8	2	0
Digby Island, British Columbia	260	260	0	0	0	0	0	0	0
Drummondville, Quebec	544	138	49	343	1	0	5	0	8
Dryden Regional, Ontario	1,501	970	70	168	4	0	22	156	111
Eastmain River, Quebec	114	112	0	2	0	0	0	0	0
Elliot Lake Municipal, Ontario	439	229	91	105	0	0	0	14	0
Eureka, Nunavut	288	57	1	17	49	1	32	0	131
Faro, Yukon Territory	101	87	0	13	0	0	1	0	0
Flin Flon, Manitoba	811	535	41	81	0	0	8	101	45
Fort Frances Municipal, Ontario	731	473	25	214	0	0	0	19	0
Fort Liard, Northwest Territories	262	255	1	4	0	0	0	2	0
Fort McPherson, Northwest Territories	24	18	2	0	0	0	0	4	0
Fort Resolution, Northwest Territories	46	41	0	5	0	0	0	0	0
Fort Simpson, Northwest Territories	249	210	19	12	0	0	0	4	4
Fort Smith, Northwest Territories	809	627	63	46	0	0	0	44	29
Gamëti/Rae Lakes, Northwest Territories	26	26	0	0	0	0	0	0	0
Gaspé, Quebec	366	271	8	40	0	0	3	42	2
Geraldton, Ontario	403	272	32	49	0	0	0	48	2
Gillam, Manitoba	866	806	4	44	0	0	0	12	0
Gjoa Haven, Nunavut	195	172	12	4	0	0	0	5	2
Goose Bay, Newfoundland and Labrador	3,676	2,465	85	354	74	51	333	119	195
Grise Fiord, Nunavut	21	16	3	0	0	0	0	2	0
Hall Beach, Nunavut	282	269	0	13	0	0	0	0	0
Havre St-Pierre, Quebec	582	474	29	29	0	0	2	48	0
Hay River, Northwest Territories	651	527	9	36	0	0	2	53	24
Hearst/René Fontaine Municipal, Ontario	48	32	1	15	0	0	0	0	0
Igloolik, Nunavut	321	307	11	3	0	0	0	0	0
Island Lake, Manitoba	1,146	1,063	0	33	0	0	0	50	0
Kapuskasing, Ontario	220	202	0	2	0	0	0	8	8
Kimmirut, Nunavut	79	75	2	0	0	0	0	2	0
Kugaaruk, Nunavut	341	287	3	49	0	0	0	2	0
Liverpool, Nova Scotia	35	4	6	24	0	1	0	0	0
Louderes-de-Blanc-Sablon, Quebec	429	371	12	23	1	0	0	22	0
Lutselk'e, Northwest Territories	238	208	0	24	0	0	0	6	0
Mayo, Yukon Territory	1,225	1,138	10	77	0	0	0	0	0
Moosonee, Ontario	1,435	1,317	5	65	0	0	0	48	0
Muskoka, Ontario	1,859	510	256	742	97	1	201	45	7
Nakina, Ontario	451	267	0	184	0	0	0	0	0
Nanisivik, Nunavut	105	94	1	4	0	0	0	6	0
Natashquan, Quebec	307	265	11	21	1	0	0	9	0
Norway House, Manitoba	427	377	2	22	0	0	0	26	0
Old Crow, Yukon Territory	169	136	0	0	28	0	4	1	0
Pabok, Quebec	57	10	15	16	0	0	0	16	0
Pangnirtung, Nunavut	266	244	11	7	0	0	0	4	0
Paulatuk, Northwest Territories	75	75	0	0	0	0	0	0	0
Peterborough, Ontario	681	97	188	367	0	0	0	19	10

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							
Pickle Lake, Ontario	1,735	1,638	7	46	1	0	8	27	8
Pond Inlet, Nunavut	229	208	15	2	0	0	0	4	0
Prince Rupert/Seal Cove, British Columbia	2,922	2,646	0	85	25	0	26	140	0
Qikiqtarjuaq, Nunavut	117	80	26	3	0	1	3	4	0
Quesnel, British Columbia	510	218	20	263	0	0	5	4	0
Red Lake, Ontario	2,174	1,730	59	200	5	0	50	84	46
Repulse Bay, Nunavut	164	151	0	7	0	0	0	6	0
Resolute Bay, Nunavut	828	741	46	8	0	1	0	20	12
Rimouski, Quebec	468	237	41	184	0	0	0	6	0
Roberval, Quebec	812	452	134	158	0	0	0	60	8
Sachs Harbour, Northwest Territories	42	35	3	4	0	0	0	0	0
Sandspit, British Columbia	755	692	13	16	0	0	4	24	6
Sanikiluaq, Nunavut	77	73	0	0	0	0	0	4	0
Sherbrooke, Quebec	746	100	52	461	37	4	60	6	26
St. Theresa Point, Manitoba	497	486	4	5	0	0	0	2	0
Stephenville, Newfoundland and Labrador	300	125	13	49	10	3	47	37	16
Stony Rapids, Saskatchewan	1,469	1,136	262	45	0	0	0	24	2
Sydney, Nova Scotia	748	558	17	114	18	1	14	22	4
Taloyoak, Nunavut	212	189	12	8	0	0	0	3	0
The Pas, Manitoba	601	327	22	53	0	0	6	130	63
Tofino, British Columbia	960	486	81	262	0	0	61	48	22
Trois-Rivières, Quebec	1,665	628	176	846	0	0	1	6	8
Tuktoyaktuk, Northwest Territories	1,061	659	0	354	0	0	0	8	40
Tulita, Northwest Territories	156	140	0	14	0	0	0	2	0
Ulukhaktot/Holman, Northwest Territories	136	127	2	7	0	0	0	0	0
Waskaganish, Quebec	282	277	0	5	0	0	0	0	0
Watson Lake, Yukon Territory	716	325	6	371	0	0	4	8	2
Welland/Niagara Central, Ontario	106	1	18	86	0	1	0	0	0
Whale Cove, Nunavut	173	165	2	2	0	0	0	4	0
Wrigley, Northwest Territories	66	55	2	5	0	0	0	0	4
Yorkton Municipal, Saskatchewan	970	254	433	211	0	0	0	10	62
Total (98)	57,223	39,446	3,778	8,697	394	70	1,099	1,955	1,784

Table 2-2
Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Aklavik, Northwest Territories	198	0	84	95	19	0
Amos Municipal, Quebec	127	6	33	82	6	0
Arviat, Nunavut	211	0	186	1	24	0
Baie-Comeau, Quebec	926	40	294	466	126	0
Baker Lake, Nunavut	1,421	1	748	27	645	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	673	44	84	443	102	0
Bathurst, New Brunswick	337	0	172	146	19	0
Beaver Creek, Yukon Territory	50	0	1	39	10	0
Buffalo Narrows, Saskatchewan	911	0	260	520	131	0
Burwash, Yukon Territory	131	0	4	35	92	0
Cambridge Bay, Nunavut	832	46	503	86	197	0
Cape Dorset, Nunavut	53	2	50	0	1	0
Charlo, New Brunswick	240	60	61	110	5	4
Chevery, Quebec	292	0	247	26	19	0
Chibougamau/Chapais, Quebec	439	20	231	136	52	0
Comox, British Columbia	2,002	346	936	465	178	77
Coral Harbour, Nunavut	374	0	208	99	66	1
Dauphin, Manitoba	635	8	189	416	22	0
Dawson, Yukon Territory	1,279	0	184	541	554	0
Dawson Creek, British Columbia	770	4	259	414	93	0
Déline, Northwest Territories	293	0	177	78	38	0
Digby, Nova Scotia	171	0	5	161	5	0
Digby Island, British Columbia	260	0	55	205	0	0
Drummondville, Quebec	544	4	2	500	38	0
Dryden Regional, Ontario	1,501	19	583	683	216	0
Eastmain River, Quebec	114	0	114	0	0	0
Elliot Lake Municipal, Ontario	439	1	155	224	59	0
Eureka, Nunavut	288	4	159	49	76	0
Faro, Yukon Territory	101	0	6	60	35	0
Flin Flon, Manitoba	811	10	329	445	27	0
Fort Frances Municipal, Ontario	731	10	415	246	58	2
Fort Liard, Northwest Territories	262	0	22	102	138	0
Fort McPherson, Northwest Territories	24	0	19	5	0	0
Fort Resolution, Northwest Territories	46	0	22	7	17	0
Fort Simpson, Northwest Territories	249	0	179	68	2	0
Fort Smith, Northwest Territories	809	0	444	241	124	0
Gamëti/Rae Lakes, Northwest Territories	26	0	22	0	4	0
Gaspé, Quebec	366	15	291	46	14	0
Geraldton, Ontario	403	2	127	220	54	0
Gillam, Manitoba	866	0	236	582	48	0
Gjoa Haven, Nunavut	195	0	186	5	4	0
Goose Bay, Newfoundland and Labrador	3,676	540	1,820	238	1,078	0
Grise Fiord, Nunavut	21	0	21	0	0	0
Hall Beach, Nunavut	282	2	161	70	49	0
Havre St-Pierre, Quebec	582	12	105	341	124	0
Hay River, Northwest Territories	651	5	350	249	47	0
Hearst/René Fontaine Municipal, Ontario	48	0	14	20	14	0
Igloolik, Nunavut	321	2	172	13	134	0
Island Lake, Manitoba	1,146	4	642	290	210	0
Kapuskasing, Ontario	220	0	180	26	14	0
Kimmirut, Nunavut	79	0	57	0	22	0
Kugaaruk, Nunavut	341	3	107	49	182	0
Liverpool, Nova Scotia	35	0	0	33	2	0
Louder-de-Blanc-Sablon, Quebec	429	2	363	29	35	0
Lutsel'k'e, Northwest Territories	238	0	150	75	13	0
Mayo, Yukon Territory	1,225	0	300	617	308	0
Moosonee, Ontario	1,435	3	821	444	167	0
Muskoka, Ontario	1,859	263	218	1,255	123	0
Nakina, Ontario	451	1	264	186	0	0
Nanisivik, Nunavut	105	0	88	5	12	0
Natashquan, Quebec	307	13	214	34	46	0
Norway House, Manitoba	427	2	366	54	5	0
Old Crow, Yukon Territory	169	0	91	13	65	0
Pabok, Quebec	57	10	12	33	2	0
Pangnirtung, Nunavut	266	0	219	3	44	0
Paulatuk, Northwest Territories	75	0	44	14	17	0
Peterborough, Ontario	681	40	41	544	51	5
Pickle Lake, Ontario	1,735	0	1,383	142	210	0

Table 2-2 – continued

Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Pond Inlet, Nunavut	229	0	172	8	49	0
Prince Rupert/Seal Cove, British Columbia	2,922	0	212	1,401	1,308	1
Qikiqtarjuaq, Nunavut	117	0	82	4	31	0
Quesnel, British Columbia	510	10	197	260	43	0
Red Lake, Ontario	2,174	12	1,383	750	29	0
Repulse Bay, Nunavut	164	0	119	11	34	0
Resolute Bay, Nunavut	828	8	580	8	232	0
Rimouski, Quebec	468	6	43	403	15	1
Roberval, Quebec	812	4	123	556	129	0
Sachs Harbour, Northwest Territories	42	0	29	8	5	0
Sandspit, British Columbia	755	26	289	8	432	0
Sanikiluaq, Nunavut	77	0	69	8	0	0
Sherbrooke, Quebec	746	14	34	644	51	3
St. Theresa Point, Manitoba	497	2	344	150	1	0
Stephenville, Newfoundland and Labrador	300	70	102	75	53	0
Stony Rapids, Saskatchewan	1,469	0	442	565	462	0
Sydney, Nova Scotia	748	110	444	157	37	0
Taloyoak, Nunavut	212	0	134	12	66	0
The Pas, Manitoba	601	32	307	233	29	0
Tofino, British Columbia	960	39	172	629	120	0
Trois-Rivières, Quebec	1,665	14	23	1,524	104	0
Tuktoyaktuk, Northwest Territories	1,061	0	456	83	522	0
Tulita, Northwest Territories	156	0	75	77	2	2
Ulukhakt/Holman, Northwest Territories	136	0	97	9	30	0
Waskaganish, Quebec	282	0	242	35	5	0
Watson Lake, Yukon Territory	716	2	40	596	78	0
Welland/Niagara Central, Ontario	106	0	2	103	1	0
Whale Cove, Nunavut	173	0	119	2	52	0
Wrigley, Northwest Territories	66	0	4	24	38	0
Yorkton Municipal, Saskatchewan	970	12	19	840	99	0
Total (98)	57,223	1,905	22,839	22,034	10,349	96

Table 2-3
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						
Aklavik, Northwest Territories	198	114	0	84	0	0	0	0
Amos Municipal, Quebec	127	78	8	35	0	0	6	0
Arviat, Nunavut	211	25	18	39	6	95	28	0
Baie-Comeau, Quebec	926	363	226	167	23	102	45	0
Baker Lake, Nunavut	1,421	665	326	180	70	87	90	3
Barrie-Orillia-Lake Simcoe Regional, Ontario	673	498	43	47	54	8	19	4
Bathurst, New Brunswick	337	99	62	64	0	109	3	0
Beaver Creek, Yukon Territory	50	32	7	11	0	0	0	0
Buffalo Narrows, Saskatchewan	911	79	411	314	16	21	70	0
Burwash, Yukon Territory	131	125	0	6	0	0	0	0
Cambridge Bay, Nunavut	832	152	180	262	30	80	94	34
Cape Dorset, Nunavut	53	0	0	34	2	0	17	0
Charlo, New Brunswick	240	94	27	39	26	34	8	12
Chevery, Quebec	292	39	6	117	92	38	0	0
Chibougamau/Chapais, Quebec	439	119	134	66	41	59	19	1
Comox, British Columbia	2,002	500	88	55	423	432	221	283
Coral Harbour, Nunavut	374	94	72	135	12	52	6	3
Dauphin, Manitoba	635	256	176	191	8	4	0	0
Dawson, Yukon Territory	1,279	860	159	78	4	48	125	5
Dawson Creek, British Columbia	770	470	38	34	126	102	0	0
Déline, Northwest Territories	293	62	70	112	4	5	40	0
Digby, Nova Scotia	171	149	17	5	0	0	0	0
Digby Island, British Columbia	260	0	260	0	0	0	0	0
Drummondville, Quebec	544	522	10	8	4	0	0	0
Dryden Regional, Ontario	1,501	336	499	564	23	12	65	2
Eastmain River, Quebec	114	0	6	6	20	82	0	0
Elliot Lake Municipal, Ontario	439	215	121	94	0	6	2	1
Eureka, Nunavut	288	65	6	197	2	0	8	10
Faro, Yukon Territory	101	85	16	0	0	0	0	0
Flin Flon, Manitoba	811	225	193	226	10	105	52	0
Fort Frances Municipal, Ontario	731	170	195	361	3	0	1	1
Fort Liard, Northwest Territories	262	154	85	22	1	0	0	0
Fort McPherson, Northwest Territories	24	3	0	17	0	2	2	0
Fort Resolution, Northwest Territories	46	17	7	16	6	0	0	0
Fort Simpson, Northwest Territories	249	62	68	32	6	2	79	0
Fort Smith, Northwest Territories	809	256	185	120	193	4	47	4
Gamëti/Rae Lakes, Northwest Territories	26	4	16	4	0	2	0	0
Gaspé, Quebec	366	37	21	17	0	59	232	0
Geraldton, Ontario	403	94	169	84	6	0	36	14
Gillam, Manitoba	866	88	536	28	0	88	126	0
Gjoa Haven, Nunavut	195	5	0	35	6	50	99	0
Goose Bay, Newfoundland and Labrador	3,676	927	362	1,064	181	791	237	114
Grise Fiord, Nunavut	21	0	0	21	0	0	0	0
Hall Beach, Nunavut	282	26	58	78	1	0	87	32
Havre St-Pierre, Quebec	582	116	338	32	63	27	6	0
Hay River, Northwest Territories	651	96	89	118	6	186	155	1
Hearst/René Fontaine Municipal, Ontario	48	12	17	19	0	0	0	0
Igloolik, Nunavut	321	137	10	104	20	1	49	0
Island Lake, Manitoba	1,146	317	125	614	4	46	40	0
Kapuskasing, Ontario	220	12	68	136	0	0	4	0
Kimmirut, Nunavut	79	22	0	57	0	0	0	0
Kugaaruk, Nunavut	341	226	5	34	3	29	43	1
Liverpool, Nova Scotia	35	33	2	0	0	0	0	0
Lourdes-de-Blanc-Sablon, Quebec	429	35	28	217	87	60	2	0
Lutsel'k'e, Northwest Territories	238	23	138	66	10	0	1	0
Mayo, Yukon Territory	1,225	538	656	31	0	0	0	0
Moosonee, Ontario	1,435	205	389	518	137	107	79	0
Muskoka, Ontario	1,859	1,171	230	156	132	122	38	10
Nakina, Ontario	451	184	152	110	4	0	0	1
Nanisivik, Nunavut	105	15	2	49	0	0	39	0
Natashquan, Quebec	307	42	40	135	56	34	0	0
Norway House, Manitoba	427	28	48	349	2	0	0	0
Old Crow, Yukon Territory	169	78	0	9	0	0	82	0
Pabok, Quebec	57	22	13	6	0	6	10	0
Pangnirtung, Nunavut	266	46	1	125	0	0	94	0
Paulatuk, Northwest Territories	75	24	1	34	12	4	0	0
Peterborough, Ontario	681	555	34	41	16	12	14	9

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						
Pickle Lake, Ontario	1,735	219	773	395	47	6	295	0
Pond Inlet, Nunavut	229	57	0	103	12	0	57	0
Prince Rupert/Seal Cove, British Columbia	2,922	1,182	1,659	27	0	50	4	0
Qikiqtarjuaq, Nunavut	117	11	3	68	0	0	35	0
Quesnel, British Columbia	510	287	20	10	193	0	0	0
Red Lake, Ontario	2,174	342	761	765	131	18	155	2
Repulse Bay, Nunavut	164	40	9	51	10	42	12	0
Resolute Bay, Nunavut	828	224	76	442	18	4	54	10
Rimouski, Quebec	468	308	111	29	14	0	6	0
Roberval, Quebec	812	569	117	31	34	6	54	1
Sachs Harbour, Northwest Territories	42	8	4	21	8	1	0	0
Sandspit, British Columbia	755	223	20	134	49	104	221	4
Sanikiluaq, Nunavut	77	8	0	41	10	0	18	0
Sherbrooke, Quebec	746	648	30	45	8	13	2	0
St. Theresa Point, Manitoba	497	100	18	264	2	94	19	0
Stephenville, Newfoundland and Labrador	300	83	35	30	20	78	18	36
Stony Rapids, Saskatchewan	1,469	288	705	187	124	156	9	0
Sydney, Nova Scotia	748	102	79	61	69	339	67	31
Taloyoak, Nunavut	212	74	6	27	8	52	45	0
The Pas, Manitoba	601	79	107	192	9	113	101	0
Tofino, British Columbia	960	371	358	48	77	83	21	2
Trois-Rivières, Quebec	1,665	1,559	52	38	8	6	0	2
Tuktoyaktuk, Northwest Territories	1,061	126	6	728	88	113	0	0
Tulita, Northwest Territories	156	45	45	46	0	0	20	0
Ulukhakot/Holman, Northwest Territories	136	36	1	69	0	0	30	0
Waskaganish, Quebec	282	12	28	32	32	176	2	0
Watson Lake, Yukon Territory	716	605	57	28	24	0	2	0
Welland/Niagara Central, Ontario	106	89	15	2	0	0	0	0
Whale Cove, Nunavut	173	54	2	33	0	77	7	0
Wrigley, Northwest Territories	66	50	8	8	0	0	0	0
Yorkton Municipal, Saskatchewan	970	568	327	65	8	0	2	0
Total (98)	57,223	20,468	12,699	12,049	2,954	4,644	3,776	633

Table 3
Local movements by type of operation

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	263	263	0
Baie-Comeau, Quebec	152	152	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	1,663	1,663	0
Buffalo Narrows, Saskatchewan	40	40	0
Cambridge Bay, Nunavut	196	196	0
Coral Harbour, Nunavut	51	51	0
Dauphin, Manitoba	396	388	8
Dawson, Yukon Territory	54	54	0
Dawson Creek, British Columbia	272	272	0
Drummondville, Quebec	132	132	0
Dryden Regional, Ontario	96	96	0
Elliot Lake Municipal, Ontario	34	34	0
Flin Flon, Manitoba	16	16	0
Fort Liard, Northwest Territories	3	3	0
Fort Resolution, Northwest Territories	14	14	0
Fort Simpson, Northwest Territories	14	14	0
Fort Smith, Northwest Territories	8	8	0
Gaspé, Quebec	34	34	0
Guelph, Ontario	5,537	5,537	0
Kapuskasing, Ontario	156	156	0
Kimirut, Nunavut	8	8	0
Kugaaruk, Nunavut	16	16	0
Liverpool, Nova Scotia	35	35	0
Lourdes-de-Blanc-Sablon, Quebec	6	6	0
Mayo, Yukon Territory	33	33	0
Moosonee, Ontario	52	52	0
Muskoka, Ontario	677	677	0
Nanisivik, Nunavut	5	5	0
Peterborough, Ontario	413	413	0
Pickle Lake, Ontario	38	38	0
Quesnel, British Columbia	90	90	0
Red Lake, Ontario	48	48	0
Repulse Bay, Nunavut	201	201	0
Rimouski, Quebec	340	340	0
Roberval, Quebec	10	10	0
Sherbrooke, Quebec	1,151	1,151	0
Sydney, Nova Scotia	70	70	0
Taloyoak, Nunavut	1	1	0
The Pas, Manitoba	4	4	0
Tofino, British Columbia	14	14	0
Trois-Rivières, Quebec	1,929	1,929	0
Waskaganish, Quebec	103	103	0
Watson Lake, Yukon Territory	3	3	0
Welland/Niagara Central, Ontario	2,020	2,020	0
Whale Cove, Nunavut	2	2	0
Yorkton Municipal, Saskatchewan	124	124	0
Total (46)	16,524	16,516	8

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

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 July 2006 but were not available in July 2007:

Brockville, Ontario

Bromont, Quebec

Chesterfield Inlet, Nunavut

Fort Good Hope, Northwest Territories

Port-Menier, Quebec

St. Leonard, New Brunswick

Swift Current, Saskatchewan

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 July, 2007 but not in July, 2006:

Beaver Creek, Yukon Territory

Déline, Northwest Territories

Fort Resolution, Northwest Territories

Fort Simpson, Northwest Territories

Fort Smith, Northwest Territories

Paulatuk, Northwest Territories

Roberval, Quebec

Sachs Harbour, 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.