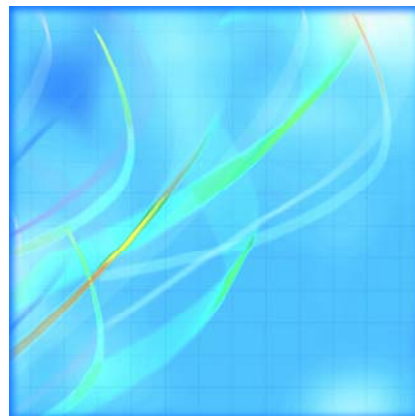


Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



March 2013



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, www.statcan.gc.ca.

You can also contact us by

e-mail at infostats@statcan.gc.ca

telephone, from Monday to Friday, 8:30 a.m. to 4:30 p.m., at the following toll-free numbers:

- | | |
|---|----------------|
| • Statistical Information Service | 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 |
| • 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, 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, this agency 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 at www.statcan.gc.ca under "About us" > "The agency" > "Providing services to Canadians."

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

March 2013

Published by authority of the Minister responsible for Statistics Canada

© Minister of Industry, 2013 and the © Minister of Transport, 2013

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

<http://www.statcan.gc.ca/reference/licence-eng.html>

June 2013

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^s value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
- p preliminary
- r revised
- x suppressed to meet the confidentiality requirements of the *Statistics Act*
- E use with caution
- F too unreliable to be published
- * significantly different from reference category ($p < 0.05$)

Acknowledgments

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

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

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

Table of contents

Highlights	4
Analysis	5
Related products	6
Statistical tables	
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
Data quality, concepts and methodology	
Methodology	19
Data quality and limitations	20
Appendix	
I Factors influencing the data	21
II Glossary of terms	23

Highlights

Goose Bay, Newfoundland and Labrador (2,345 movements) recorded the greatest number of itinerant movements in March 2013.

In March 2013, Peterborough, Ontario (2,896 movements) reported the largest number of local movements. This represented 37.9% of the total local reported movements registered by 42 airports without air traffic control towers.

Analysis

In March 2013, the number of take-offs and landings for 128 airports without air traffic control towers reached 45,128 movements. Peterborough, Ontario (3,495 movements) and Goose Bay, Newfoundland and Labrador (2,345 movements) were the most active sites. Of the 126 airports for which year-over-year comparisons were possible, 83 airports reported decreases.

There were 35,504 itinerant movements (flights from one airport to another) recorded by 110 airports without air traffic control towers in March 2013. Goose Bay, Newfoundland and Labrador (2,345 movements) reported the greatest number of itinerant movements, down 15.4% from 2012.

Forty-two airports without air traffic control towers reported 7,645 local movements (flights that remain in the vicinity of the airport) in March 2013. Peterborough, Ontario, the most active site, recorded 2,896 take-offs and landings, up 35.1% from 2012. These movements represented 37.9% of the total local movements reported.

Related products

Selected publications from Statistics Canada

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

Selected CANSIM tables from Statistics Canada

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

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

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

Selected surveys from Statistics Canada

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

Selected summary tables from Statistics Canada

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

Statistical tables

Table 1
Total aircraft movements by class of operation

	Number of days reported for current month	Total, itinerant and local movements	Total itinerant movements	Total local movements
		number		
Akulivik, Quebec	.	183	183	0
Arctic Bay, Nunavut	21	67	67	0
Arviat, Nunavut	29	207	207	0
Aupaluk, Quebec	.	84	84	0
Baie-Comeau, Quebec	31	710	694	16
Baker Lake, Nunavut	29	377	377	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	31	1,470	509	961
Bathurst, New Brunswick	31	277	277	0
Beaver Creek, Yukon	2	4	4	0
Berens River, Manitoba	..	132	..	..
Bloodvein River, Manitoba	..	118	..	..
Brochet, Manitoba	..	92	..	..
Buffalo Narrows, Saskatchewan	29	597	589	8
Burwash, Yukon	2	2	2	0
Cambridge Bay, Nunavut	31	376	370	6
Cape Dorset, Nunavut	19	79	79	0
Charlo, New Brunswick	25	290	290	0
Chesterfield Inlet, Nunavut	27	158	158	0
Chevery, Quebec	27	344	344	0
Chibougamau/Chapais, Quebec	31	589	575	14
Collingwood, Ontario	30	987	590	397
Comox, British Columbia	31	1,511	1,511	0
Coral Harbour, Nunavut	30	165	165	0
Cross Lake, Manitoba	..	104	..	..
Dauphin, Manitoba	30	483	263	220
Dawson, Yukon	31	196	195	1
Dawson Creek, British Columbia	31	480	390	90
Déline, Northwest Territories	25	138	138	0
Digby, Nova Scotia	14	52	33	19
Drummondville, Quebec	31	742	426	316
Dryden Regional, Ontario	31	835	823	12
Eastmain River, Quebec	19	89	89	0
Elliot Lake Municipal, Ontario	29	339	267	72
Eureka, Nunavut	13	26	26	0
Faro, Yukon	16	29	29	0
Flin Flon, Manitoba	31	388	378	10
Fort Frances Municipal, Ontario	30	399	399	0
Fort Liard, Northwest Territories	7	22	22	0
Fort McPherson, Northwest Territories	16	97	97	0
Fort Resolution, Northwest Territories	12	24	24	0
Fort Smith, Northwest Territories	31	469	469	0
Gamëti/Rae Lakes, Northwest Territories	22	68	68	0
Gaspé, Quebec	31	323	305	18
Geraldton, Ontario	24	113	113	0
Gillam, Manitoba	31	226	226	0
Gjoa Haven, Nunavut	24	101	101	0
Gods Lake Narrows, Manitoba	..	227	..	..
Gods River, Manitoba	..	104	..	..
Goose Bay, Newfoundland and Labrador	31	2,345	2,345	0
Grise Fiord, Nunavut	8	17	17	0
Hall Beach, Nunavut	30	175	175	0
Havre St-Pierre, Quebec	31	537	515	22
Hay River, Northwest Territories	31	455	446	9
Hearst/René Fontaine Municipal, Ontario	27	145	145	0
Igloodik, Nunavut	30	154	154	0
Ilford, Manitoba	..	18	..	..
Inukjuak, Quebec	.	243	243	0
Island Lake, Manitoba	31	1,091	1,087	4
Ivujivik, Quebec	.	106	106	0
Kangiqsualujuaq, Quebec	.	125	125	0
Kangirsuk, Quebec	.	203	203	0
Kapuskasing, Ontario	31	318	296	22
Kimmiut, Nunavut	12	45	45	0
Kugaaruk, Nunavut	26	94	94	0
Kugluktuk, Nunavut	31	258	258	0
Kuujuarapik, Quebec	31	419	419	0
Lac Brochet, Manitoba	..	138	..	..
Little Grand Rapids, Manitoba	..	208	..	..

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	445	435	10
Mayo, Yukon	23	126	102	24
Miramichi, New Brunswick	25	302	302	0
Moosonee, Ontario	31	1,339	1,319	20
Muskoka, Ontario	31	788	622	166
Nakina, Ontario	31	561	561	0
Natashquan, Quebec	28	331	331	0
Norway House, Manitoba	31	252	252	0
Old Crow, Yukon	30	180	180	0
Oxford House, Manitoba	..	202	..	..
Pabok, Quebec	11	26	26	0
Pangnirtung, Nunavut	26	177	177	0
Peterborough, Ontario	31	3,495	599	2,896
Pickle Lake, Ontario	31	1,395	1,349	46
Pond Inlet, Nunavut	18	52	52	0
Poplar River, Manitoba	..	114	..	..
Port-Menier, Quebec	17	94	94	0
Prince Rupert/Digby Island, British Columbia	11	28	28	0
Prince Rupert/Seal Cove, British Columbia	31	741	741	0
Pukatawagan, Manitoba	..	146	..	..
Puvirnituq, Quebec	.	510	507	3
Qikiqtarjuaq, Nunavut	23	81	81	0
Quaqtaq, Quebec	.	133	133	0
Quesnel, British Columbia	31	379	323	56
Red Lake, Ontario	31	1,508	1,426	82
Red Sucker Lake, Manitoba	..	112	..	..
Repulse Bay, Nunavut	27	122	122	0
Resolute Bay, Nunavut	28	244	244	0
Rimouski, Quebec	25	207	175	32
Roberval, Quebec	27	350	260	90
Salluit, Quebec	.	97	97	0
Sandspit, British Columbia	31	355	347	8
Sanikiluaq, Nunavut	23	117	117	0
Shamattawa, Manitoba	..	158	..	..
Sherbrooke, Quebec	23	631	271	360
South Indian Lake, Manitoba	..	48	..	..
St. Anthony, Newfoundland and Labrador	30	302	302	0
St-Augustin, Quebec	23	206	206	0
St. Theresa Point, Manitoba	31	795	795	0
Stephenville, Newfoundland and Labrador	27	154	150	4
Stony Rapids, Saskatchewan	29	683	679	4
Sydney, Nova Scotia	31	593	555	38
Tadoule Lake, Manitoba	..	27	..	..
Taloyoak, Nunavut	27	138	138	0
Tasiujaq, Quebec	.	116	116	0
Teslin, Yukon	2	4	4	0
The Pas, Manitoba	31	226	220	6
Thicket Portage, Manitoba	..	2	..	..
Tillsonburg, Ontario	..	634	298	336
Tofino, British Columbia	29	275	253	22
Trois-Rivières, Quebec	31	976	452	524
Tuktoyaktuk, Northwest Territories	24	71	71	0
Tulita, Northwest Territories	21	174	174	0
Umiujaq, Quebec	.	188	188	0
Waskaganish, Quebec	23	263	205	58
Watson Lake, Yukon	24	159	156	3
Wemindji, Quebec	13	78	78	0
Whale Cove, Nunavut	18	74	74	0
York Landing, Manitoba	..	29	..	..
Yorkton Municipal, Saskatchewan	31	1,128	488	640
Total (128)	31	45,128	35,504	7,645

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							
Akulivik, Quebec	183	.	.	.	.	.	.	.	.
Arctic Bay, Nunavut	67	64	1	2	0	0	0	0	0
Arviat, Nunavut	207	203	0	4	0	0	0	0	0
Aupaluk, Quebec	84	.	.	.	.	.	.	.	.
Baie-Comeau, Quebec	694	578	4	30	0	0	0	70	12
Baker Lake, Nunavut	377	372	1	0	0	0	0	2	2
Barrie-Orillia-Lake Simcoe Regional, Ontario	509	182	20	238	4	0	13	46	6
Bathurst, New Brunswick	277	236	0	30	1	0	0	10	0
Beaver Creek, Yukon	4	3	0	0	1	0	0	0	0
Buffalo Narrows, Saskatchewan	589	541	15	8	0	0	0	23	2
Burwash, Yukon	2	2	0	0	0	0	0	0	0
Cambridge Bay, Nunavut	370	358	0	4	0	0	0	2	6
Cape Dorset, Nunavut	79	74	2	0	0	0	0	1	2
Charlo, New Brunswick	290	70	194	22	0	0	2	2	0
Chesterfield Inlet, Nunavut	158	158	0	0	0	0	0	0	0
Chevery, Quebec	344	326	14	4	0	0	0	0	0
Chibougamau/Chapais, Quebec	575	520	9	42	0	0	0	4	0
Collingwood, Ontario	590	72	42	476	0	0	0	0	0
Comox, British Columbia	1,511	1,020	2	10	11	2	0	22	444
Coral Harbour, Nunavut	165	160	0	3	0	0	0	0	2
Dauphin, Manitoba	263	114	34	50	0	0	1	55	9
Dawson, Yukon	195	161	0	28	0	0	1	5	0
Dawson Creek, British Columbia	390	289	29	72	0	0	0	0	0
Déline, Northwest Territories	138	130	0	0	0	0	0	8	0
Digby, Nova Scotia	33	8	2	18	0	0	0	5	0
Drummondville, Quebec	426	109	65	248	0	0	0	0	4
Dryden Regional, Ontario	823	560	183	42	1	0	1	30	6
Eastmain River, Quebec	89	85	0	4	0	0	0	0	0
Elliot Lake Municipal, Ontario	267	171	64	26	0	0	2	2	2
Eureka, Nunavut	26	22	0	0	0	0	0	0	4
Faro, Yukon	29	27	0	2	0	0	0	0	0
Flin Flon, Manitoba	378	323	0	18	0	0	0	37	0
Fort Frances Municipal, Ontario	399	344	1	38	1	0	7	8	0
Fort Liard, Northwest Territories	22	22	0	0	0	0	0	0	0
Fort McPherson, Northwest Territories	97	89	0	0	0	0	0	8	0
Fort Resolution, Northwest Territories	24	22	0	0	0	0	0	0	2
Fort Smith, Northwest Territories	469	458	0	7	0	0	0	4	0
Gamèti/Rae Lakes, Northwest Territories	68	64	0	4	0	0	0	0	0
Gaspé, Quebec	305	259	4	0	0	0	0	42	0
Geraldton, Ontario	113	92	10	7	0	0	0	4	0
Gillam, Manitoba	226	210	0	4	0	0	0	12	0
Gjoa Haven, Nunavut	101	99	0	2	0	0	0	0	0
Goose Bay, Newfoundland and Labrador	2,345	1,854	43	43	80	26	136	92	71
Grise Fiord, Nunavut	17	17	0	0	0	0	0	0	0
Hall Beach, Nunavut	175	165	4	0	0	0	0	6	0
Havre St-Pierre, Quebec	515	452	4	23	0	0	0	34	2
Hay River, Northwest Territories	446	426	2	6	0	0	0	12	0
Hearst/René Fontaine Municipal, Ontario	145	115	8	10	0	0	0	12	0
Igloolik, Nunavut	154	144	4	0	0	0	0	6	0
Inukjuak, Quebec	243	.	.	.	.	.	.	.	.
Island Lake, Manitoba	1,087	1,056	0	5	0	0	0	26	0
Ivujivik, Quebec	106	.	.	.	.	.	.	.	.
Kangiqsualujuaq, Quebec	125	.	.	.	.	.	.	.	.
Kangirsuk, Quebec	203	.	.	.	.	.	.	.	.
Kapuskasing, Ontario	296	264	20	0	0	0	0	0	12
Kimirut, Nunavut	45	43	0	0	0	0	0	2	0
Kugaaruk, Nunavut	94	92	0	0	0	0	0	2	0
Kugluktuk, Nunavut	258	244	0	6	0	0	0	0	8
Kuujuarapik, Quebec	419	417	0	0	0	0	0	2	0
Lourdes-de-Blanc-Sablon, Quebec	435	419	0	6	0	0	0	10	0
Mayo, Yukon	102	96	2	2	0	0	0	2	0
Miramichi, New Brunswick	302	233	22	34	1	0	0	12	0
Moosonee, Ontario	1,319	1,296	0	8	0	0	1	14	0
Muskoka, Ontario	622	233	86	244	3	0	6	41	9
Nakina, Ontario	561	554	0	0	0	0	0	7	0
Natashquan, Quebec	331	299	0	30	0	0	0	2	0
Norway House, Manitoba	252	230	0	1	1	0	0	20	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	180	173	0	3	0	0	0	4	0
Pabok, Quebec	26	2	1	0	0	0	0	23	0
Pangnirtung, Nunavut	177	171	6	0	0	0	0	0	0
Peterborough, Ontario	599	101	67	385	0	0	0	14	32
Pickle Lake, Ontario	1,349	1,304	15	16	0	0	0	14	0
Pond Inlet, Nunavut	52	48	2	0	0	0	0	0	2
Port-Menier, Quebec	94	94	0	0	0	0	0	0	0
Prince Rupert/Digby Island, British Columbia	28	28	0	0	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	741	607	2	37	2	0	5	88	0
Puvirnituq, Quebec	507	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	81	75	2	0	0	0	0	2	2
Quaqtaq, Quebec	133	.	.	.	.	.	.	.	.
Quesnel, British Columbia	323	187	0	130	0	0	0	6	0
Red Lake, Ontario	1,426	1,264	82	45	0	0	0	27	8
Repulse Bay, Nunavut	122	118	0	2	0	0	0	2	0
Resolute Bay, Nunavut	244	211	0	1	0	0	0	0	32
Rimouski, Quebec	175	64	6	99	0	0	0	6	0
Roberval, Quebec	260	144	29	84	1	0	0	2	0
Salluit, Quebec	97	.	.	.	.	.	.	.	.
Sandspit, British Columbia	347	306	0	0	0	0	0	41	0
Sanikiluaq, Nunavut	117	115	2	0	0	0	0	0	0
Sherbrooke, Quebec	271	34	23	208	0	0	4	0	2
St. Anthony, Newfoundland and Labrador	302	232	2	1	0	0	0	65	2
St-Augustin, Quebec	206	196	10	0	0	0	0	0	0
St. Theresa Point, Manitoba	795	786	4	3	0	0	0	2	0
Stephenville, Newfoundland and Labrador	150	60	2	3	2	2	30	25	26
Stony Rapids, Saskatchewan	679	644	1	4	0	0	0	30	0
Sydney, Nova Scotia	555	523	0	0	0	0	2	28	2
Taloyoak, Nunavut	138	132	0	2	0	0	0	4	0
Tasiujaq, Quebec	116	.	.	.	.	.	.	.	.
Teslin, Yukon	4	0	0	2	0	0	0	2	0
The Pas, Manitoba	220	198	0	13	0	0	0	9	0
Tillsonburg, Ontario	298	..	..	..	..	..	..	..	..
Tofino, British Columbia	253	117	6	81	0	0	0	47	2
Trois-Rivières, Quebec	452	121	48	271	0	0	0	10	2
Tuktoyaktuk, Northwest Territories	71	69	0	0	0	0	0	2	0
Tulita, Northwest Territories	174	166	0	0	0	0	0	8	0
Umiujaq, Quebec	188	.	.	.	.	.	.	.	.
Waskaganish, Quebec	205	203	0	2	0	0	0	0	0
Watson Lake, Yukon	156	100	0	32	0	0	0	14	10
Wemindji, Quebec	78	78	0	0	0	0	0	0	0
Whale Cove, Nunavut	74	74	0	0	0	0	0	0	0
Yorkton Municipal, Saskatchewan	488	307	15	119	2	0	0	8	37
Total (110)	35,504	26,298	1,216	3,404	111	30	211	1,187	764

Table 2-2
Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Akulivik, Quebec	183	.	.	.	.	..
Arctic Bay, Nunavut	67	0	63	4	0	0
Arviat, Nunavut	207	0	203	0	4	0
Aupaluk, Quebec	84	.	.	.	.	..
Baie-Comeau, Quebec	694	24	612	22	36	0
Baker Lake, Nunavut	377	0	284	93	0	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	509	19	104	298	88	0
Bathurst, New Brunswick	277	3	257	2	15	0
Beaver Creek, Yukon	4	0	2	0	2	0
Buffalo Narrows, Saskatchewan	589	4	515	58	12	0
Burwash, Yukon	2	0	2	0	0	0
Cambridge Bay, Nunavut	370	57	282	4	27	0
Cape Dorset, Nunavut	79	0	79	0	0	0
Charlo, New Brunswick	290	0	94	194	2	0
Chesterfield Inlet, Nunavut	158	0	158	0	0	0
Chevery, Quebec	344	0	314	8	22	0
Chibougamau/Chapais, Quebec	575	14	417	69	75	0
Collingwood, Ontario	590	12	14	547	17	0
Comox, British Columbia	1,511	225	892	164	184	46
Coral Harbour, Nunavut	165	0	164	0	0	1
Dauphin, Manitoba	263	15	135	99	14	0
Dawson, Yukon	195	0	119	53	23	0
Dawson Creek, British Columbia	390	6	232	123	29	0
Déline, Northwest Territories	138	0	92	46	0	0
Digby, Nova Scotia	33	0	0	26	7	0
Drummondville, Quebec	426	0	2	378	46	0
Dryden Regional, Ontario	823	4	410	249	160	0
Eastmain River, Quebec	89	0	87	2	0	0
Elliot Lake Municipal, Ontario	267	0	167	84	16	0
Eureka, Nunavut	26	0	26	0	0	0
Faro, Yukon	29	0	10	6	13	0
Flin Flon, Manitoba	378	4	341	33	0	0
Fort Frances Municipal, Ontario	399	0	268	118	13	0
Fort Liard, Northwest Territories	22	0	4	14	4	0
Fort McPherson, Northwest Territories	97	0	97	0	0	0
Fort Resolution, Northwest Territories	24	0	24	0	0	0
Fort Smith, Northwest Territories	469	5	330	107	27	0
Gamèti/Rae Lakes, Northwest Territories	68	0	64	0	4	0
Gaspé, Quebec	305	14	248	37	6	0
Geraldton, Ontario	113	0	90	14	9	0
Gillam, Manitoba	226	0	142	82	2	0
Gjoa Haven, Nunavut	101	0	94	1	6	0
Goose Bay, Newfoundland and Labrador	2,345	348	1,737	32	228	0
Grise Fiord, Nunavut	17	0	17	0	0	0
Hall Beach, Nunavut	175	2	150	0	23	0
Havre St-Pierre, Quebec	515	10	189	75	241	0
Hay River, Northwest Territories	446	4	318	124	0	0
Hearst/René Fontaine Municipal, Ontario	145	0	80	19	46	0
Igloolik, Nunavut	154	0	154	0	0	0
Inukjuak, Quebec	243	.	.	.	.	..
Island Lake, Manitoba	1,087	2	576	110	399	0
Ivujivik, Quebec	106	.	.	.	.	..
Kangiqsualuq, Quebec	125	.	.	.	.	..
Kangirsuk, Quebec	203	.	.	.	.	..
Kapusking, Ontario	296	0	272	12	12	0
Kimmirut, Nunavut	45	0	45	0	0	0
Kugaaruk, Nunavut	94	6	84	4	0	0
Kugluktuk, Nunavut	258	58	196	2	2	0
Kuujuarapik, Quebec	419	2	410	0	7	0
Louder-de-Blanc-Sablon, Quebec	435	2	421	10	2	0
Mayo, Yukon	102	0	26	31	45	0
Miramichi, New Brunswick	302	22	91	169	20	0
Moosonee, Ontario	1,319	0	876	101	342	0
Muskoka, Ontario	622	13	118	415	76	0
Nakina, Ontario	561	0	546	4	11	0
Natashquan, Quebec	331	0	208	59	64	0
Norway House, Manitoba	252	0	233	11	8	0
Old Crow, Yukon	180	0	165	10	5	0

Table 2-2 – continued

Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Pabok, Quebec	26	12	14	0	0	0
Pangnirtung, Nunavut	177	0	175	0	2	0
Peterborough, Ontario	599	23	34	512	28	2
Pickle Lake, Ontario	1,349	0	1,225	47	77	0
Pond Inlet, Nunavut	52	0	48	4	0	0
Port-Menier, Quebec	94	0	25	69	0	0
Prince Rupert/Digby Island, British Columbia	28	0	0	28	0	0
Prince Rupert/Seal Cove, British Columbia	741	0	24	516	201	0
Puvirnituq, Quebec	507	.	.	.	.	..
Qikiqtarjuaq, Nunavut	81	0	75	0	6	0
Quaqtaq, Quebec	133	.	.	.	.	..
Quesnel, British Columbia	323	17	179	121	6	0
Red Lake, Ontario	1,426	0	1,133	289	4	0
Repulse Bay, Nunavut	122	0	122	0	0	0
Resolute Bay, Nunavut	244	5	198	41	0	0
Rimouski, Quebec	175	4	50	106	15	0
Roberval, Quebec	260	6	134	110	10	0
Salluit, Quebec	97	.	.	.	.	..
Sandspit, British Columbia	347	5	95	0	247	0
Sanikiluaq, Nunavut	117	0	117	0	0	0
Sherbrooke, Quebec	271	4	0	261	6	0
St. Anthony, Newfoundland and Labrador	302	3	263	1	35	0
St-Augustin, Quebec	206	0	202	4	0	0
St. Theresa Point, Manitoba	795	4	337	110	344	0
Stephenville, Newfoundland and Labrador	150	52	65	4	29	0
Stony Rapids, Saskatchewan	679	0	561	118	0	0
Sydney, Nova Scotia	555	62	427	30	36	0
Taloyoak, Nunavut	138	0	138	0	0	0
Tasiujaq, Quebec	116	.	.	.	.	..
Teslin, Yukon	4	0	2	2	0	0
The Pas, Manitoba	220	3	165	52	0	0
Tillsonburg, Ontario	298	..	..	..	..	..
Tofino, British Columbia	253	14	16	137	86	0
Trois-Rivières, Quebec	452	19	4	377	50	2
Tuktoyaktuk, Northwest Territories	71	0	57	2	12	0
Tulita, Northwest Territories	174	0	64	90	20	0
Umiujaq, Quebec	188	.	.	.	.	..
Waskaganish, Quebec	205	0	177	28	0	0
Watson Lake, Yukon	156	3	63	68	22	0
Wemindji, Quebec	78	0	74	4	0	0
Whale Cove, Nunavut	74	0	74	0	0	0
Yorkton Municipal, Saskatchewan	488	8	111	332	37	0
Total (110)	35,504	1,119	20,798	7,586	3,667	51

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						
Akulivik, Quebec	183	.	..	..	.	.	.	.
Arctic Bay, Nunavut	67	2	0	13	0	33	19	0
Arviat, Nunavut	207	4	0	20	0	0	183	0
Aupaluk, Quebec	84	.	..	..	.	.	.	.
Baie-Comeau, Quebec	694	36	8	207	170	153	120	0
Baker Lake, Nunavut	377	0	94	27	0	0	256	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	509	344	38	106	14	0	3	4
Bathurst, New Brunswick	277	13	34	66	58	90	16	0
Beaver Creek, Yukon	4	2	0	2	0	0	0	0
Buffalo Narrows, Saskatchewan	589	38	34	384	133	0	0	0
Burwash, Yukon	2	0	0	2	0	0	0	0
Cambridge Bay, Nunavut	370	2	0	114	29	65	107	53
Cape Dorset, Nunavut	79	0	0	20	16	42	1	0
Charlo, New Brunswick	290	194	0	44	2	50	0	0
Chesterfield Inlet, Nunavut	158	0	0	3	0	0	155	0
Chevery, Quebec	344	26	4	131	183	0	0	0
Chibougamau/Chapais, Quebec	575	92	61	159	29	186	48	0
Collingwood, Ontario	590	524	46	2	18	0	0	0
Comox, British Columbia	1,511	148	84	46	544	308	121	260
Coral Harbour, Nunavut	165	1	0	29	0	125	10	0
Dauphin, Manitoba	263	103	10	127	15	0	0	8
Dawson, Yukon	195	76	0	16	2	0	101	0
Dawson Creek, British Columbia	390	138	14	85	50	88	15	0
Déline, Northwest Territories	138	12	31	30	42	0	23	0
Digby, Nova Scotia	33	19	14	0	0	0	0	0
Drummondville, Quebec	426	406	14	6	0	0	0	0
Dryden Regional, Ontario	823	316	96	396	4	4	1	6
Eastmain River, Quebec	89	0	2	11	12	64	0	0
Elliot Lake Municipal, Ontario	267	90	4	163	4	6	0	0
Eureka, Nunavut	26	0	0	18	6	0	0	2
Faro, Yukon	29	15	6	0	8	0	0	0
Flin Flon, Manitoba	378	14	19	250	10	14	71	0
Fort Frances Municipal, Ontario	399	48	89	262	0	0	0	0
Fort Liard, Northwest Territories	22	10	9	3	0	0	0	0
Fort McPherson, Northwest Territories	97	0	0	18	0	0	79	0
Fort Resolution, Northwest Territories	24	0	9	11	4	0	0	0
Fort Smith, Northwest Territories	469	133	27	32	269	0	8	0
Gamèti/Rae Lakes, Northwest Territories	68	0	48	8	12	0	0	0
Gaspé, Quebec	305	13	26	22	0	206	38	0
Geraldton, Ontario	113	15	8	84	0	6	0	0
Gillam, Manitoba	226	7	79	36	2	0	102	0
Gjoa Haven, Nunavut	101	1	0	20	0	30	47	3
Goose Bay, Newfoundland and Labrador	2,345	157	87	794	512	573	170	52
Grise Fiord, Nunavut	17	0	0	17	0	0	0	0
Hall Beach, Nunavut	175	0	0	61	28	34	50	2
Havre St-Pierre, Quebec	515	237	75	101	6	18	78	0
Hay River, Northwest Territories	446	10	28	62	136	104	106	0
Hearst/René Fontaine Municipal, Ontario	145	42	23	76	4	0	0	0
Igloolik, Nunavut	154	0	0	35	21	42	56	0
Inukjuak, Quebec	243	.	..	..	.	.	.	.
Island Lake, Manitoba	1,087	497	63	323	4	129	71	0
Ivujivik, Quebec	106	.	..	..	.	.	.	.
Kangiqsualujuaq, Quebec	125	.	..	..	.	.	.	.
Kangirsuk, Quebec	203	.	..	..	.	.	.	.
Kapuskasing, Ontario	296	16	8	250	2	0	20	0
Kimmirut, Nunavut	45	0	0	45	0	0	0	0
Kugaaruk, Nunavut	94	1	0	16	6	38	30	3
Kugluktuk, Nunavut	258	4	0	23	20	64	93	54
Kuujuarapik, Quebec	419	7	0	155	0	75	182	0
Louderes-de-Blanc-Sablon, Quebec	435	6	4	201	121	99	4	0
Mayo, Yukon	102	63	13	12	6	0	8	0
Miramichi, New Brunswick	302	175	72	29	0	16	4	6
Moosonee, Ontario	1,319	257	122	626	141	135	38	0
Muskoka, Ontario	622	448	43	71	49	2	5	4
Nakina, Ontario	561	2	371	69	22	97	0	0
Natashquan, Quebec	331	82	41	95	113	0	0	0
Norway House, Manitoba	252	8	11	220	0	11	2	0

Table 2-3 – continued

Itinerant movements by aircraft weight groups

	Total itinerant movements	Gross take-off weight in kilograms						number
		2,000 and under	2,001 to 4,000	4,001 to 5,670	5,671 to 9,000	9,001 to 18,000	18,001 to 35,000	35,001 and over
Old Crow, Yukon	180	15	0	6	2	0	157	0
Pabok, Quebec	26	0	0	2	0	12	12	0
Pangnirtung, Nunavut	177	0	0	20	2	66	89	0
Peterborough, Ontario	599	498	30	22	16	8	5	20
Pickle Lake, Ontario	1,349	59	551	187	116	64	372	0
Pond Inlet, Nunavut	52	0	0	15	0	18	19	0
Port-Menier, Quebec	94	0	69	13	12	0	0	0
Prince Rupert/Digby Island, British Columbia	28	0	28	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	741	97	559	85	0	0	0	0
Puvirnituq, Quebec	507	.	..	..	.	.	.	.
Qikiqtarjuaq, Nunavut	81	0	0	8	6	28	37	2
Quaqtaq, Quebec	133	.	..	..	.	.	.	.
Quesnel, British Columbia	323	125	2	4	192	0	0	0
Red Lake, Ontario	1,426	180	486	572	129	6	48	5
Repulse Bay, Nunavut	122	0	0	22	0	0	100	0
Resolute Bay, Nunavut	244	1	0	119	12	38	47	27
Rimouski, Quebec	175	109	12	44	8	0	2	0
Roberval, Quebec	260	109	12	83	50	0	6	0
Salluit, Quebec	97	.	..	..	.	.	.	.
Sandspit, British Columbia	347	214	33	26	7	48	19	0
Sanikiluaq, Nunavut	117	0	0	28	26	0	63	0
Sherbrooke, Quebec	271	252	13	2	4	0	0	0
St. Anthony, Newfoundland and Labrador	302	10	24	94	50	120	2	2
St-Augustin, Quebec	206	0	4	76	126	0	0	0
St. Theresa Point, Manitoba	795	431	25	144	4	125	66	0
Stephenville, Newfoundland and Labrador	150	14	4	7	26	63	10	26
Stony Rapids, Saskatchewan	679	6	112	302	158	89	12	0
Sydney, Nova Scotia	555	50	41	54	4	352	2	52
Taloyoak, Nunavut	138	0	0	25	2	71	40	0
Tasiujaq, Quebec	116	.	..	..	.	.	.	.
Teslin, Yukon	4	2	0	2	0	0	0	0
The Pas, Manitoba	220	9	47	131	2	7	24	0
Tillsonburg, Ontario	298	..	..	..	..	..	..	..
Tofino, British Columbia	253	119	104	18	8	0	4	0
Trois-Rivières, Quebec	452	397	29	6	7	5	0	8
Tuktoyaktuk, Northwest Territories	71	14	0	53	4	0	0	0
Tulita, Northwest Territories	174	61	58	34	0	0	21	0
Umiujaq, Quebec	188	.	..	..	.	.	.	.
Waskaganish, Quebec	205	17	11	11	12	150	4	0
Watson Lake, Yukon	156	78	12	25	38	0	3	0
Wemindji, Quebec	78	0	4	18	12	44	0	0
Whale Cove, Nunavut	74	0	0	3	0	0	71	0
Yorkton Municipal, Saskatchewan	488	298	56	108	19	3	0	4
Total (110)	35,504	8,019	4,195	8,623	3,881	4,224	3,676	603

Table 3
Local movements by type of operation

	Total local movements	Local civil movements	Local military movements
	number		
Baie-Comeau, Quebec	16	10	6
Barrie-Orillia-Lake Simcoe Regional, Ontario	961	961	0
Buffalo Narrows, Saskatchewan	8	8	0
Cambridge Bay, Nunavut	6	6	0
Chibougamau/Chapais, Quebec	14	14	0
Collingwood, Ontario	397	393	4
Dauphin, Manitoba	220	218	2
Dawson, Yukon	1	1	0
Dawson Creek, British Columbia	90	90	0
Digby, Nova Scotia	19	19	0
Drummondville, Quebec	316	316	0
Dryden Regional, Ontario	12	12	0
Elliot Lake Municipal, Ontario	72	72	0
Flin Flon, Manitoba	10	10	0
Gaspé, Quebec	18	18	0
Havre St-Pierre, Quebec	22	22	0
Hay River, Northwest Territories	9	9	0
Island Lake, Manitoba	4	4	0
Kapuskasing, Ontario	22	22	0
Lourdes-de-Blanc-Sablon, Quebec	10	10	0
Mayo, Yukon	24	24	0
Moosonee, Ontario	20	20	0
Muskoka, Ontario	166	166	0
Peterborough, Ontario	2,896	2,886	10
Pickle Lake, Ontario	46	46	0
Puvirnituq, Quebec	3	.	.
Quesnel, British Columbia	56	56	0
Red Lake, Ontario	82	82	0
Rimouski, Quebec	32	32	0
Roberval, Quebec	90	90	0
Sandspit, British Columbia	8	8	0
Sherbrooke, Quebec	360	360	0
Stephenville, Newfoundland and Labrador	4	4	0
Stony Rapids, Saskatchewan	4	4	0
Sydney, Nova Scotia	38	38	0
The Pas, Manitoba	6	6	0
Tillsonburg, Ontario	336	..	..
Tofino, British Columbia	22	18	4
Trois-Rivières, Quebec	524	522	2
Waskaganish, Quebec	58	58	0
Watson Lake, Yukon	3	3	0
Yorkton Municipal, Saskatchewan	640	628	12
Total (42)	7,645	7,266	40

Methodology

Airports without air traffic control towers

Survey universe

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

Coverage

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

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

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

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

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

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

The Aviation Statistics Centre maintains a data base of parameter files of current information on all registered aircraft. Other parameter file information includes registered aircraft identifications and their corresponding aircraft types, gross take-off weights, types of power plant (piston, jet or turboprop); whether the aircraft are fixed wing, helicopters or gliders. This information also provides a basis for identifying type of flight (commercial, private and government) and the geographical area in which the flight takes place. The storage of this information allows for a reduction in the reporting burden of the survey respondents and limits the element of human error associated with the preparation of source documents.

Data quality and limitations

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

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

To help respondents maintain a high level of accuracy in reporting, the Aviation Statistics Centre issues instructions explaining the various concepts of the required source data and the method of completing the forms. Respondents are also furnished with an "Air traffic designators" handbook (TP 143) showing the official Transport Canada aircraft type designators and the designators of various domestic and international air carriers. This handbook and another titled "Canada Flight Supplement" listing various airport codes, serve as reference to ensure the reporting of the proper aircraft identity and the last stop or next stop of flights at reporting airports.

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

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

Appendix I

Factors influencing the data

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

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

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

Akulivik	Kangirsuk
Aupaluk	Puvirnituq
Inukjuak	Quaqtaq
Ivujivik	Salluit
Kangiqsualujjuaq	Tasiujaq
Kangiqsujuaq	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 March 2012 but were not available at the time of the release of this report:

1. Aklavik, Northwest Territories
2. Amos Municipal, Quebec
3. Bromont, Quebec
4. Clyde River, Nunavut
5. Fort Simpson, Northwest Territories
6. Lutselk'e, Northwest Territories
7. Welland/Niagara Central, Ontario

b) Data for the following airports are included in March 2013 but not in March 2012:

1. Sanikiluaq, Nunavut

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

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

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

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

Aircraft movement

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

Class of operation

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

Commercial

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

Domestic itinerant movements

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

FSS

Flight service station.

Government-Civil

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

Government-Military

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

I.F.R. flight

A flight conducted in accordance with Instrument Flight Rules.

International movements

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

Itinerant movements

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

Local movements

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

Maximum take-off weight

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

Other commercial

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

Power plant

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

Private aircraft

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

Runway 88

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

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

Simulated approaches

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

TC

Transport Canada.

Tower control zone

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

V.F.R. flight

A flight conducted in accordance with Visual Flight Rules.

Weight group

The classification of weight classes in groups for statistical purposes.