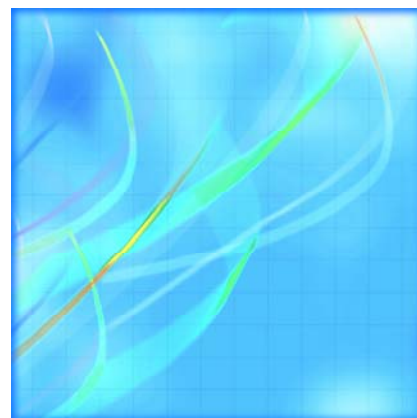


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Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



July 2011

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

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October 2011

Catalogue no. 51-008-X

ISSN 1911-6330

Frequency: Monthly

Ottawa

Cette publication est également disponible en français.

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- . 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 **Fred Barzyk**, 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

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

Pickle Lake, Ontario, the most active site in July 2011, recorded 4,126 itinerant movements. This represented 6.7% of the total itinerant movements registered by 110 airports without air traffic control towers.

Peterborough, Ontario (3,332 movements) followed by Welland/Niagara Central, Ontario (2,078 movements) recorded the greatest number of local movements in July 2011.

Text table 1

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

	July 2010	July 2011	Percentage change, July 2010 to July 2011	Year-to-date total		Percentage change 2010 to 2011
				2010	2011	
	number		percent	number		percent
Total	76,280	79,248	3.9	403,466	388,151	-3.8
Itinerant movements						
Carrier	39,505	43,634	10.5	218,987	223,255	1.9
Other commercial	1,936	2,192	13.2	8,797	8,439	-4.1
Private	9,079	8,799	-3.1	35,720	29,742	-16.7
Government						
Civil	2,349	3,058	30.2	13,370	12,564	-6.0
Military	1,168	1,169	0.1	9,216	7,973	-13.5
Total	57,861	61,945	7.1	307,206	301,384	-1.9
Local movements						
Civil	14,650	13,540	-7.6	74,741	63,436	-15.1
Military	26	22	-15.4	1,011	1,095	8.3
Total	15,937	15,124	-5.1	79,802	69,968	-12.3
Number of airports in the survey	137	129	...	137	129	...

Analysis

In July 2011, the number of take-offs and landings at the 129 airports without air traffic control towers reached 79,248 movements. Pickle Lake, Ontario (4,230 movements) followed by Peterborough, Ontario (4,167 movements) were the most active sites. Of the 125 airports for which year-over-year comparisons were possible, increases were reported by 61 of these airports.

There were 61,945 itinerant movements (flights from one airport to another) recorded by 110 airports without air traffic control towers in July 2011. Pickle Lake, Ontario, the most active site, recorded 4,126 take-offs and landings, up 150.7% from 2010. This represented 6.7% of the total itinerant reported movements.

Forty-eight airports without air traffic control towers reported 15,124 local movements (flights that remain in the vicinity of the airport) in July 2011. Peterborough, Ontario (3,332 movements) followed by Welland/Niagara Central, Ontario (2,078 movements) recorded the greatest number of local movements in July 2011.

In the spring of 2011, operations at Guelph, Ontario temporarily ceased until the new owner is established.

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
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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	31	548	187	361
Arctic Bay, Nunavut	20	83	83	0
Arviat, Nunavut	31	390	390	0
Aupaluk, Quebec	.	167	62	105
Baie-Comeau, Quebec	31	834	812	22
Baker Lake, Nunavut	31	1,307	1,292	15
Barrie-Orillia-Lake Simcoe Regional, Ontario	31	2,337	728	1,609
Bathurst, New Brunswick	31	287	287	0
Beaver Creek, Yukon	17	43	43	0
Berens River, Manitoba	..	228	..	..
Bloodvein River, Manitoba	..	142	..	..
Brochet, Manitoba	..	88	..	..
Bromont, Quebec	30	819	819	0
Buffalo Narrows, Saskatchewan	28	635	631	4
Burwash, Yukon	31	737	737	0
Cambridge Bay, Nunavut	31	922	798	124
Cape Dorset, Nunavut	19	89	89	0
Charlo, New Brunswick	28	175	175	0
Chesterfield Inlet, Nunavut	26	166	166	0
Chevery, Quebec	25	291	291	0
Chibougamau/Chapais, Quebec	30	776	768	8
Clyde River, Nunavut	21	133	133	0
Collingwood, Ontario	31	1,741	1,390	351
Comox, British Columbia	31	1,915	1,915	0
Coral Harbour, Nunavut	31	297	293	4
Cross Lake, Manitoba	..	156	..	..
Dauphin, Manitoba	30	426	378	48
Dawson, Yukon	31	1,538	1,538	0
Dawson Creek, British Columbia	31	1,260	604	656
Déline, Northwest Territories	27	321	321	0
Digby, Nova Scotia	26	198	90	108
Drummondville, Quebec	31	1,141	673	468
Dryden Regional, Ontario	31	2,421	2,338	83
Eastmain River, Quebec	26	112	112	0
Elliot Lake Municipal, Ontario	29	398	322	76
Eureka, Nunavut	30	234	234	0
Flin Flon, Manitoba	31	621	621	0
Fort Frances Municipal, Ontario	31	708	708	0
Fort Liard, Northwest Territories	18	92	92	0
Fort McPherson, Northwest Territories	11	31	31	0
Fort Resolution, Northwest Territories	9	24	24	0
Fort Smith, Northwest Territories	31	759	759	0
Gaméti/Rae Lakes, Northwest Territories	28	130	130	0
Gaspé, Quebec	31	450	450	0
Geraldton, Ontario	31	893	863	30
Gillam, Manitoba	30	317	317	0
Gjoa Haven, Nunavut	28	168	160	8
Gods Lake Narrows, Manitoba	..	80	..	..
Gods River, Manitoba	..	156	..	..
Goose Bay, Newfoundland and Labrador	31	3,139	3,139	0
Hall Beach, Nunavut	31	568	568	0
Havre St-Pierre, Quebec	31	887	881	6
Hay River, Northwest Territories	31	646	644	2
Hearst/René Fontaine Municipal, Ontario	13	64	64	0
Igloodik, Nunavut	26	142	142	0
Ilford, Manitoba	..	30	..	..
Inukjuak, Quebec	.	211	211	0
Island Lake, Manitoba	31	1,241	1,237	4
Ivujivik, Quebec	.	144	138	6
Kangiqsualujuaq, Quebec	.	46	46	0
Kangirsuk, Quebec	.	270	231	39
Kapuskasing, Ontario	31	500	290	210
Kimmirut, Nunavut	16	64	64	0
Kugaaruk, Nunavut	29	173	173	0
Kugluktuk, Nunavut	31	392	391	1
Kuujuarapik, Quebec	31	519	519	0
Lac Brochet, Manitoba	..	124	..	..
Little Grand Rapids, Manitoba	..	117	..	..

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	31	502	496	6
Lutselk'e, Northwest Territories	30	204	204	0
Mayo, Yukon	31	1,292	1,292	0
Miramichi, New Brunswick	31	597	597	0
Moosonee, Ontario	31	1,669	1,655	14
Muskoka, Ontario	31	2,785	1,869	916
Nakina, Ontario	30	401	399	2
Natashquan, Quebec	30	362	362	0
Norway House, Manitoba	23	297	297	0
Old Crow, Yukon	30	105	105	0
Oxford House, Manitoba	..	180	..	..
Pabok, Quebec	18	48	48	0
Pangnirtung, Nunavut	30	264	264	0
Paulatuk, Northwest Territories	21	76	76	0
Peterborough, Ontario	31	4,167	835	3,332
Pickle Lake, Ontario	31	4,230	4,126	104
Pikwitonei, Manitoba	..	12	..	..
Pond Inlet, Nunavut	20	106	106	0
Poplar River, Manitoba	..	178	..	..
Port-Menier, Quebec	21	229	229	0
Prince Rupert/Digby Island, British Columbia	27	365	365	0
Prince Rupert/Seal Cove, British Columbia	31	1,394	1,394	0
Pukatawagan, Manitoba	..	116	..	..
Puvirnituq, Quebec	.	806	509	297
Qikiqtarjuaq, Nunavut	22	86	86	0
Quaqtaq, Quebec	.	95	95	0
Quesnel, British Columbia	31	616	406	210
Red Lake, Ontario	31	3,101	2,954	147
Red Sucker Lake, Manitoba	..	217	..	..
Repulse Bay, Nunavut	29	236	212	24
Resolute Bay, Nunavut	31	494	494	0
Rimouski, Quebec	30	469	399	70
Roberval, Quebec	31	537	507	30
Sandspit, British Columbia	31	903	897	6
Shamattawa, Manitoba	..	226	..	..
Sherbrooke, Quebec	31	1,655	483	1,172
South Indian Lake, Manitoba	..	58	..	..
St. Anthony, Newfoundland and Labrador	31	311	311	0
St-Augustin, Quebec	20	233	233	0
St. Theresa Point, Manitoba	31	622	622	0
Stephenville, Newfoundland and Labrador	29	173	173	0
Stony Rapids, Saskatchewan	31	1,056	1,032	24
Sydney, Nova Scotia	31	786	754	32
Tadoules Lake, Manitoba	..	44	..	..
Taloyoak, Nunavut	31	175	175	0
Tasiujaq, Quebec	.	105	105	0
Teslin, Yukon	14	37	37	0
The Pas, Manitoba	31	439	397	42
Thicket Portage, Manitoba	..	6	..	..
Tillsonburg, Ontario	..	1,612	497	1,115
Tofino, British Columbia	31	661	657	4
Trois-Rivières, Quebec	31	1,822	969	853
Ulukhakot/Holman, Northwest Territories	28	312	312	0
Waskaganish, Quebec	21	218	164	54
Watson Lake, Yukon	31	696	696	0
Welland/Niagara Central, Ontario	30	2,167	89	2,078
Wemindji, Quebec	16	87	87	0
Whale Cove, Nunavut	26	174	174	0
Wrigley, Northwest Territories	12	54	54	0
York Landing, Manitoba	..	21	..	..
Yorkton Municipal, Saskatchewan	31	1,298	1,054	244
Total (129)	31	79,248	61,945	15,124

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	187	63	13	97	0	0	0	14	0
Arctic Bay, Nunavut	83	73	2	3	0	0	0	5	0
Arviat, Nunavut	390	387	0	0	0	0	0	3	0
Aupaluk, Quebec	62	.	.	.	.	.	.	.	.
Baie-Comeau, Quebec	812	574	29	93	1	0	1	94	20
Baker Lake, Nunavut	1,292	1,276	2	12	0	0	0	2	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	728	228	35	381	0	0	36	28	20
Bathurst, New Brunswick	287	237	0	17	7	0	14	0	12
Beaver Creek, Yukon	43	5	0	15	1	0	20	2	0
Bromont, Quebec	819	78	199	522	5	0	12	0	3
Buffalo Narrows, Saskatchewan	631	534	2	63	0	0	0	32	0
Burwash, Yukon	737	727	0	10	0	0	0	0	0
Cambridge Bay, Nunavut	798	767	0	21	0	0	0	6	4
Cape Dorset, Nunavut	89	84	2	0	0	0	0	3	0
Charlo, New Brunswick	175	33	6	72	0	0	46	18	0
Chesterfield Inlet, Nunavut	166	163	0	0	1	0	0	2	0
Chevery, Quebec	291	247	10	30	0	0	0	4	0
Chibougamau/Chapais, Quebec	768	553	37	107	0	0	0	53	18
Clyde River, Nunavut	133	125	8	0	0	0	0	0	0
Collingwood, Ontario	1,390	171	95	1,121	0	0	0	3	0
Comox, British Columbia	1,915	1,137	2	28	0	0	2	74	672
Coral Harbour, Nunavut	293	276	1	0	0	0	0	12	4
Dauphin, Manitoba	378	125	105	101	2	0	1	15	29
Dawson, Yukon	1,538	1,311	5	188	8	0	12	14	0
Dawson Creek, British Columbia	604	351	92	154	0	0	1	6	0
Déline, Northwest Territories	321	304	0	2	0	0	0	15	0
Digby, Nova Scotia	90	32	7	48	0	0	1	2	0
Drummondville, Quebec	673	240	44	371	2	0	8	0	8
Dryden Regional, Ontario	2,338	1,713	66	121	3	0	8	413	14
Eastmain River, Quebec	112	112	0	0	0	0	0	0	0
Elliot Lake Municipal, Ontario	322	187	44	70	1	0	2	18	0
Eureka, Nunavut	234	200	0	4	0	0	0	0	30
Flin Flon, Manitoba	621	492	8	69	0	0	3	47	2
Fort Frances Municipal, Ontario	708	413	2	187	1	0	101	4	0
Fort Liard, Northwest Territories	92	92	0	0	0	0	0	0	0
Fort McPherson, Northwest Territories	31	27	0	0	0	0	0	4	0
Fort Resolution, Northwest Territories	24	24	0	0	0	0	0	0	0
Fort Smith, Northwest Territories	759	674	1	39	0	0	0	45	0
Gamèti/Rae Lakes, Northwest Territories	130	124	2	2	0	0	0	2	0
Gaspé, Quebec	450	284	21	79	1	0	1	54	10
Geraldton, Ontario	863	644	58	38	0	0	0	95	28
Gillam, Manitoba	317	280	0	31	0	0	0	6	0
Gjoa Haven, Nunavut	160	154	2	2	0	0	0	2	0
Goose Bay, Newfoundland and Labrador	3,139	2,272	88	173	133	39	210	159	65
Hall Beach, Nunavut	568	558	3	4	0	0	0	3	0
Havre St-Pierre, Quebec	881	717	33	74	0	0	1	56	0
Hay River, Northwest Territories	644	561	2	31	0	0	0	46	4
Hearst/René Fontaine Municipal, Ontario	64	50	0	0	0	0	0	14	0
Igloolik, Nunavut	142	128	2	9	1	0	0	2	0
Inukjuak, Quebec	211	.	.	.	.	.	.	.	.
Island Lake, Manitoba	1,237	1,158	0	40	0	0	0	39	0
Ivujivik, Quebec	138	.	.	.	.	.	.	.	.
Kangiqsualujuaq, Quebec	46	.	.	.	.	.	.	.	.
Kangirsuk, Quebec	231	.	.	.	.	.	.	.	.
Kapuskasing, Ontario	290	180	0	0	88	0	14	8	0
Kimirut, Nunavut	64	64	0	0	0	0	0	0	0
Kugaaruk, Nunavut	173	150	16	2	0	0	0	5	0
Kugluktuk, Nunavut	391	357	2	24	0	0	0	4	4
Kuujuarapik, Quebec	519	509	2	4	0	0	0	4	0
Lourdes-de-Blanc-Sablon, Quebec	496	387	62	22	1	0	0	24	0
Lutselk'e, Northwest Territories	204	195	2	1	0	0	0	6	0
Mayo, Yukon	1,292	1,251	5	30	0	0	0	6	0
Miramichi, New Brunswick	597	283	32	126	0	0	5	130	21
Moosonee, Ontario	1,655	1,556	0	24	1	0	0	72	2
Muskoka, Ontario	1,869	594	138	881	63	0	147	35	11
Nakina, Ontario	399	393	0	4	0	0	0	2	0
Natashquan, Quebec	362	254	6	76	0	0	0	26	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									
Norway House, Manitoba	297	263	0	18	0	0	0	14	2
Old Crow, Yukon	105	88	0	0	8	0	0	9	0
Pabok, Quebec	48	4	1	0	0	0	0	43	0
Pangnirtung, Nunavut	264	253	6	0	0	0	0	5	0
Paulatuk, Northwest Territories	76	72	0	0	0	0	0	4	0
Peterborough, Ontario	835	229	156	409	0	0	0	13	28
Pickle Lake, Ontario	4,126	3,383	312	49	3	0	2	377	0
Pond Inlet, Nunavut	106	90	0	16	0	0	0	0	0
Port-Menier, Quebec	229	197	18	13	0	0	0	0	1
Prince Rupert/Digby Island, British Columbia	365	364	0	0	0	0	0	1	0
Prince Rupert/Seal Cove, British Columbia	1,394	1,180	1	65	13	1	21	113	0
Puvirnituq, Quebec	509	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	86	80	0	0	0	0	0	6	0
Quaqtaq, Quebec	95	.	.	.	.	.	.	.	.
Quesnel, British Columbia	406	187	2	209	0	0	2	6	0
Red Lake, Ontario	2,954	2,350	44	212	4	0	23	307	14
Repulse Bay, Nunavut	212	205	0	3	0	0	0	4	0
Resolute Bay, Nunavut	494	439	2	6	0	0	0	17	30
Rimouski, Quebec	399	109	7	268	1	0	0	12	2
Roberval, Quebec	507	348	17	100	0	0	0	38	4
Sandspit, British Columbia	897	735	2	98	1	0	4	39	18
Sherbrooke, Quebec	483	90	35	317	5	0	8	12	16
St. Anthony, Newfoundland and Labrador	311	234	6	10	0	0	0	57	4
St-Augustin, Quebec	233	198	4	29	0	0	0	2	0
St. Theresa Point, Manitoba	622	606	8	3	0	0	1	4	0
Stephenville, Newfoundland and Labrador	173	94	8	13	5	0	7	28	18
Stony Rapids, Saskatchewan	1,032	926	1	77	0	0	0	28	0
Sydney, Nova Scotia	754	618	2	73	27	0	13	17	4
Taloyoak, Nunavut	175	167	0	8	0	0	0	0	0
Tasiujaq, Quebec	105	.	.	.	.	.	.	.	.
Teslin, Yukon	37	20	0	16	0	0	0	1	0
The Pas, Manitoba	397	262	12	36	0	0	2	83	2
Tillsonburg, Ontario	497	..	..	..	..	..	..	..	..
Tofino, British Columbia	657	373	14	178	11	0	21	45	15
Trois-Rivières, Quebec	969	550	40	367	0	0	0	6	6
Ulukhakat/Holman, Northwest Territories	312	244	1	64	0	0	0	3	0
Waskaganish, Quebec	164	156	0	8	0	0	0	0	0
Watson Lake, Yukon	696	409	4	274	3	0	0	4	2
Welland/Niagara Central, Ontario	89	7	16	64	0	2	0	0	0
Wemindji, Quebec	87	87	0	0	0	0	0	0	0
Whale Cove, Nunavut	174	165	0	1	6	0	0	2	0
Wrigley, Northwest Territories	54	50	0	4	0	0	0	0	0
Yorkton Municipal, Saskatchewan	1,054	664	180	168	0	0	0	20	22
Total (110)	61,945	43,634	2,192	8,799	407	42	750	3,058	1,169

Table 2-2
Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
number						
Amos Municipal, Quebec	187	12	48	107	20	0
Arctic Bay, Nunavut	83	0	76	3	4	0
Arviat, Nunavut	390	0	303	19	68	0
Aupaluk, Quebec	62	.	.	.	.	..
Baie-Comeau, Quebec	812	45	447	200	120	0
Baker Lake, Nunavut	1,292	0	372	256	663	1
Barrie-Orillia-Lake Simcoe Regional, Ontario	728	22	85	493	127	1
Bathurst, New Brunswick	287	2	174	95	16	0
Beaver Creek, Yukon	43	0	2	29	12	0
Bromont, Quebec	819	26	8	755	30	0
Buffalo Narrows, Saskatchewan	631	0	464	125	42	0
Burwash, Yukon	737	0	0	91	646	0
Cambridge Bay, Nunavut	798	77	389	230	102	0
Cape Dorset, Nunavut	89	0	85	2	2	0
Charlo, New Brunswick	175	50	38	68	19	0
Chesterfield Inlet, Nunavut	166	0	144	0	22	0
Chevery, Quebec	291	0	251	28	12	0
Chibougamau/Chapais, Quebec	768	4	422	258	84	0
Clyde River, Nunavut	133	0	127	2	4	0
Collingwood, Ontario	1,390	7	43	1,179	150	11
Comox, British Columbia	1,915	313	902	353	285	62
Coral Harbour, Nunavut	293	0	253	0	40	0
Dauphin, Manitoba	378	16	115	227	20	0
Dawson, Yukon	1,538	0	170	784	584	0
Dawson Creek, British Columbia	604	17	225	251	111	0
Déline, Northwest Territories	321	0	180	51	90	0
Digby, Nova Scotia	90	0	0	80	10	0
Drummondville, Quebec	673	0	2	601	68	2
Dryden Regional, Ontario	2,338	22	1,133	675	508	0
Eastmain River, Quebec	112	0	108	4	0	0
Elliot Lake Municipal, Ontario	322	0	163	123	36	0
Eureka, Nunavut	234	0	112	4	118	0
Flin Flon, Manitoba	621	14	422	160	25	0
Fort Frances Municipal, Ontario	708	11	359	301	37	0
Fort Liard, Northwest Territories	92	0	7	13	72	0
Fort McPherson, Northwest Territories	31	0	29	2	0	0
Fort Resolution, Northwest Territories	24	0	11	10	3	0
Fort Smith, Northwest Territories	759	0	408	211	140	0
Gamèti/Rae Lakes, Northwest Territories	130	0	89	5	36	0
Gaspé, Quebec	450	16	311	106	17	0
Geraldton, Ontario	863	0	488	330	45	0
Gillam, Manitoba	317	0	152	159	6	0
Gjoa Haven, Nunavut	160	2	152	2	4	0
Goose Bay, Newfoundland and Labrador	3,139	496	1,859	180	604	0
Hall Beach, Nunavut	568	2	204	4	358	0
Havre St-Pierre, Quebec	881	5	258	251	367	0
Hay River, Northwest Territories	644	0	397	226	21	0
Hearst/René Fontaine Municipal, Ontario	64	0	42	6	16	0
Igloodik, Nunavut	142	0	132	1	9	0
Inukjuak, Quebec	211	.	.	.	.	..
Island Lake, Manitoba	1,237	3	765	139	330	0
Ivujivik, Quebec	138	.	.	.	.	..
Kangiqsualujuaq, Quebec	46	.	.	.	.	..
Kangirsuk, Quebec	231	.	.	.	.	..
Kapuskasing, Ontario	290	3	266	8	12	1
Kimmirut, Nunavut	64	0	52	0	12	0
Kugaaruk, Nunavut	173	7	156	2	8	0
Kugluktuk, Nunavut	391	78	237	66	10	0
Kuujuarapik, Quebec	519	6	471	21	21	0
Lourees-de-Blanc-Sablon, Quebec	496	8	413	51	24	0
Lutsel'k'e, Northwest Territories	204	1	127	62	14	0
Mayo, Yukon	1,292	0	517	605	170	0
Miramichi, New Brunswick	597	28	100	426	41	2
Moosonee, Ontario	1,655	2	891	613	149	0
Muskoka, Ontario	1,869	175	289	1,322	80	3
Nakina, Ontario	399	0	357	6	36	0
Natashquan, Quebec	362	2	173	34	153	0
Norway House, Manitoba	297	2	225	32	38	0

Table 2-2 – continued

Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Old Crow, Yukon	105	0	84	4	17	0
Pabok, Quebec	48	12	33	3	0	0
Pangnirtung, Nunavut	264	0	187	0	77	0
Paulatuk, Northwest Territories	76	0	50	19	7	0
Peterborough, Ontario	835	31	50	703	51	0
Pickle Lake, Ontario	4,126	8	1,891	258	1,967	2
Pond Inlet, Nunavut	106	0	84	4	18	0
Port-Menier, Quebec	229	8	84	122	15	0
Prince Rupert/Digby Island, British Columbia	365	0	81	284	0	0
Prince Rupert/Seal Cove, British Columbia	1,394	0	292	867	235	0
Puvirnituq, Quebec	509	.	.	.	.	..
Qikiqtarjuaq, Nunavut	86	0	79	0	7	0
Quaqtaq, Quebec	95	.	.	.	.	..
Quesnel, British Columbia	406	20	160	196	30	0
Red Lake, Ontario	2,954	23	1,819	982	130	0
Repulse Bay, Nunavut	212	0	130	25	57	0
Resolute Bay, Nunavut	494	8	378	20	88	0
Rimouski, Quebec	399	10	71	300	18	0
Roberval, Quebec	507	8	95	311	93	0
Sandspit, British Columbia	897	35	230	26	606	0
Sherbrooke, Quebec	483	18	12	423	30	0
St. Anthony, Newfoundland and Labrador	311	14	279	4	14	0
St-Augustin, Quebec	233	10	189	21	11	2
St. Theresa Point, Manitoba	622	4	502	113	3	0
Stephenville, Newfoundland and Labrador	173	33	74	32	34	0
Stony Rapids, Saskatchewan	1,032	0	648	292	91	1
Sydney, Nova Scotia	754	161	436	128	29	0
Taloyoak, Nunavut	175	0	148	8	19	0
Tasiujaq, Quebec	105	.	.	.	.	..
Teslin, Yukon	37	0	0	26	11	0
The Pas, Manitoba	397	7	214	135	41	0
Tillsonburg, Ontario	497	..	..	..	..	..
Tofino, British Columbia	657	40	114	437	66	0
Trois-Rivières, Quebec	969	12	16	895	46	0
Ulukhakat/Holman, Northwest Territories	312	0	129	7	176	0
Waskaganish, Quebec	164	0	144	20	0	0
Watson Lake, Yukon	696	4	70	500	122	0
Welland/Niagara Central, Ontario	89	0	0	89	0	0
Wemindji, Quebec	87	0	81	4	2	0
Whale Cove, Nunavut	174	0	136	9	29	0
Wrigley, Northwest Territories	54	0	0	11	43	0
Yorkton Municipal, Saskatchewan	1,054	7	108	832	107	0
Total (110)	61,945	1,947	26,298	20,557	11,161	88

Table 2-3
Itinerant movements by aircraft weight groups

	Total itinerant movements	Maximum 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						
Amos Municipal, Quebec	187	125	4	40	2	8	8	0
Arctic Bay, Nunavut	83	5	0	21	4	53	0	0
Arviat, Nunavut	390	86	12	60	4	129	99	0
Aupaluk, Quebec	62	.	..	..	.	.	.	.
Baie-Comeau, Quebec	812	160	153	292	43	113	51	0
Baker Lake, Nunavut	1,292	673	244	71	47	59	198	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	728	535	67	99	13	2	12	0
Bathurst, New Brunswick	287	33	72	48	14	61	59	0
Beaver Creek, Yukon	43	27	8	8	0	0	0	0
Bromont, Quebec	819	745	40	9	9	7	7	2
Buffalo Narrows, Saskatchewan	631	71	83	390	86	1	0	0
Burwash, Yukon	737	729	0	8	0	0	0	0
Cambridge Bay, Nunavut	798	64	202	266	27	42	125	72
Cape Dorset, Nunavut	89	4	0	17	0	26	42	0
Charlo, New Brunswick	175	67	20	32	23	26	7	0
Chesterfield Inlet, Nunavut	166	22	0	18	7	87	32	0
Chevery, Quebec	291	32	8	91	156	0	4	0
Chibougamau/Chapais, Quebec	768	243	150	191	17	114	53	0
Clyde River, Nunavut	133	0	0	34	0	43	56	0
Collingwood, Ontario	1,390	1,272	84	19	8	0	3	4
Comox, British Columbia	1,915	384	105	66	478	437	104	341
Coral Harbour, Nunavut	293	36	4	44	45	143	21	0
Dauphin, Manitoba	378	141	99	101	11	17	3	6
Dawson, Yukon	1,538	977	375	37	11	0	130	8
Dawson Creek, British Columbia	604	346	16	26	130	81	5	0
Déline, Northwest Territories	321	38	78	95	69	4	37	0
Digby, Nova Scotia	90	85	4	0	0	0	1	0
Drummondville, Quebec	673	641	22	10	0	0	0	0
Dryden Regional, Ontario	2,338	421	657	871	52	62	257	18
Eastmain River, Quebec	112	0	4	3	12	93	0	0
Elliot Lake Municipal, Ontario	322	137	84	83	10	8	0	0
Eureka, Nunavut	234	86	26	120	2	0	0	0
Flin Flon, Manitoba	621	112	68	298	7	99	35	2
Fort Frances Municipal, Ontario	708	207	170	321	10	0	0	0
Fort Liard, Northwest Territories	92	79	6	6	1	0	0	0
Fort McPherson, Northwest Territories	31	2	0	20	0	0	9	0
Fort Resolution, Northwest Territories	24	5	8	3	0	0	8	0
Fort Smith, Northwest Territories	759	256	96	81	284	4	38	0
Gamèti/Rae Lakes, Northwest Territories	130	31	61	30	0	0	8	0
Gaspé, Quebec	450	84	33	23	6	214	88	2
Geraldton, Ontario	863	102	303	175	88	56	113	26
Gillam, Manitoba	317	37	128	32	2	102	16	0
Gjoa Haven, Nunavut	160	4	0	26	2	62	66	0
Goose Bay, Newfoundland and Labrador	3,139	452	327	1,083	391	588	230	68
Hall Beach, Nunavut	568	87	0	327	8	58	57	31
Havre St-Pierre, Quebec	881	360	288	110	44	20	59	0
Hay River, Northwest Territories	644	61	149	110	110	88	124	2
Hearst/René Fontaine Municipal, Ontario	64	6	18	40	0	0	0	0
Igloolik, Nunavut	142	8	0	32	9	58	35	0
Inukjuak, Quebec	211	.	..	..	.	.	.	.
Island Lake, Manitoba	1,237	427	46	608	4	120	32	0
Ivujivik, Quebec	138	.	..	..	.	.	.	.
Kangiqsualujuaq, Quebec	46	.	..	..	.	.	.	.
Kangirsuk, Quebec	231	.	..	..	.	.	.	.
Kapuskasing, Ontario	290	7	50	198	6	19	10	0
Kimmirut, Nunavut	64	12	0	52	0	0	0	0
Kugaaruk, Nunavut	173	6	40	42	16	32	30	7
Kugluktuk, Nunavut	391	32	50	79	16	30	106	78
Kuujuarapik, Quebec	519	25	19	227	6	78	162	2
Louderes-de-Blanc-Sablon, Quebec	496	34	34	203	105	117	3	0
Lutsel'è, Northwest Territories	204	21	118	49	2	9	5	0
Mayo, Yukon	1,292	297	722	262	1	0	10	0
Miramichi, New Brunswick	597	305	160	56	36	30	10	0
Moosonee, Ontario	1,655	398	317	603	159	133	43	2
Muskoka, Ontario	1,869	1,289	129	245	113	51	30	12
Nakina, Ontario	399	36	211	129	23	0	0	0
Natashquan, Quebec	362	138	46	97	79	2	0	0

Table 2-3 – continued

Itinerant movements by aircraft weight groups

	Total itinerant movements	Maximum 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						
Norway House, Manitoba	297	59	12	222	2	0	0	2
Old Crow, Yukon	105	21	0	11	0	0	73	0
Pabok, Quebec	48	3	0	0	2	31	12	0
Pangnirtung, Nunavut	264	75	0	50	0	71	68	0
Paulatuk, Northwest Territories	76	12	0	44	4	14	2	0
Peterborough, Ontario	835	668	60	56	17	18	4	12
Pickle Lake, Ontario	4,126	1,168	1,118	1,143	200	29	468	0
Pond Inlet, Nunavut	106	19	1	33	13	21	19	0
Port-Menier, Quebec	229	15	122	29	27	28	4	4
Prince Rupert/Digby Island, British Columbia	365	0	365	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	1,394	134	1,148	102	0	4	6	0
Puvirnituq, Quebec	509	.	..	..	.	.	.	.
Qikiqtarjuaq, Nunavut	86	0	0	27	2	22	35	0
Quaqtaq, Quebec	95	.	..	..	.	.	.	.
Quesnel, British Columbia	406	216	12	2	170	6	0	0
Red Lake, Ontario	2,954	424	1,146	618	199	153	412	2
Repulse Bay, Nunavut	212	81	1	25	6	76	23	0
Resolute Bay, Nunavut	494	60	13	305	8	0	76	32
Rimouski, Quebec	399	284	34	66	1	6	8	0
Roberval, Quebec	507	311	94	58	2	0	42	0
Sandspit, British Columbia	897	214	44	401	56	72	92	18
Sherbrooke, Quebec	483	419	18	16	6	14	8	2
St. Anthony, Newfoundland and Labrador	311	4	6	86	57	132	26	0
St-Augustin, Quebec	233	28	6	72	115	8	4	0
St. Theresa Point, Manitoba	622	94	21	337	4	136	30	0
Stephenville, Newfoundland and Labrador	173	23	22	5	17	61	15	30
Stony Rapids, Saskatchewan	1,032	161	213	348	166	140	4	0
Sydney, Nova Scotia	754	114	61	60	16	364	49	90
Taloyoak, Nunavut	175	25	0	28	2	61	59	0
Tasiujaq, Quebec	105	.	..	..	.	.	.	.
Teslin, Yukon	37	25	10	2	0	0	0	0
The Pas, Manitoba	397	54	94	113	10	86	40	0
Tillsonburg, Ontario	497	..	..	..	..	..	..	..
Tofino, British Columbia	657	198	300	45	31	68	11	4
Trois-Rivières, Quebec	969	854	87	16	2	2	0	8
Ulukhakot/Holman, Northwest Territories	312	166	11	95	2	4	34	0
Waskaganish, Quebec	164	10	10	4	8	132	0	0
Watson Lake, Yukon	696	460	131	40	47	18	0	0
Welland/Niagara Central, Ontario	89	55	34	0	0	0	0	0
Wemindji, Quebec	87	4	2	20	4	57	0	0
Whale Cove, Nunavut	174	38	0	20	1	0	115	0
Wrigley, Northwest Territories	54	21	25	8	0	0	0	0
Yorkton Municipal, Saskatchewan	1,054	514	376	150	3	2	1	8
Total (110)	61,945	20,136	11,815	13,394	4,008	5,422	4,381	895

Table 3
Local movements by type of operation

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	361	361	0
Aupaluk, Quebec	105	.	0
Baie-Comeau, Quebec	22	22	0
Baker Lake, Nunavut	15	15	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	1,609	1,607	2
Buffalo Narrows, Saskatchewan	4	4	0
Cambridge Bay, Nunavut	124	124	0
Chibougamau/Chapais, Quebec	8	8	0
Collingwood, Ontario	351	348	3
Coral Harbour, Nunavut	4	4	0
Dauphin, Manitoba	48	48	0
Dawson Creek, British Columbia	656	656	0
Digby, Nova Scotia	108	108	0
Drummondville, Quebec	468	468	0
Dryden Regional, Ontario	83	83	0
Elliot Lake Municipal, Ontario	76	76	0
Geraldton, Ontario	30	30	0
Gjoa Haven, Nunavut	8	8	0
Havre St-Pierre, Quebec	6	6	0
Hay River, Northwest Territories	2	2	0
Island Lake, Manitoba	4	4	0
Ivujivik, Quebec	6	.	0
Kangirsuk, Quebec	39	.	0
Kapuskasing, Ontario	210	210	0
Kugluktuk, Nunavut	1	1	0
Lourdes-de-Blanc-Sablon, Quebec	6	6	0
Moosonee, Ontario	14	14	0
Muskoka, Ontario	916	916	0
Nakina, Ontario	2	2	0
Peterborough, Ontario	3,332	3,326	6
Pickle Lake, Ontario	104	104	0
Puvirnituq, Quebec	297	.	0
Quesnel, British Columbia	210	210	0
Red Lake, Ontario	147	145	2
Repulse Bay, Nunavut	24	24	0
Rimouski, Quebec	70	70	0
Roberval, Quebec	30	30	0
Sandspit, British Columbia	6	6	0
Sherbrooke, Quebec	1,172	1,172	0
Stony Rapids, Saskatchewan	24	24	0
Sydney, Nova Scotia	32	32	0
The Pas, Manitoba	42	42	0
Tillsonburg, Ontario	1,115	..	0
Tofino, British Columbia	4	4	0
Trois-Rivières, Quebec	853	852	1
Waskaganish, Quebec	54	54	0
Welland/Niagara Central, Ontario	2,078	2,078	0
Yorkton Municipal, Saskatchewan	244	236	8
Total (48)	15,124	13,540	22

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
Kangijsualujjuaq	Tasiujaq
Kangijsujuaq	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 July, 2010 but were not available in July, 2011:

1. Faro, Yukon
2. Fort Good Hope, Northwest Territories
3. Fort Simpson, Northwest Territories
4. Grise Fiord, Nunavut
5. Guelph, Ontario
6. Sanikiluaq, Nunavut
7. Tuktoyaktuk, Northwest Territories
8. Tulita, Northwest Territories

b) Data for the following airports are included in July, 2011 but not in July, 2010:

1. Eastmain River, Quebec
2. Fort Smith, Northwest Territories
3. Ulukhakot/Holman, Northwest Territories
4. Wrigley, Northwest Territories
5. In January 2011, the airport at Nanisivik, Nunavut was closed due to cessation of mining operations. A new airport was opened at Arctic 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.** 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.