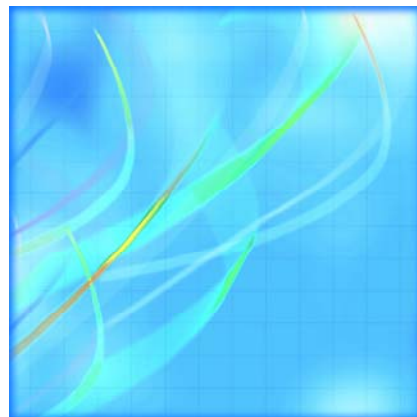


Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



January 2012



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January 2012

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Symbols

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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 ($p < 0.05$)

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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**, **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, the most active site in January 2012, recorded 2,076 itinerant movements. This represented 7.3% of the total itinerant movements registered by 112 airports without air traffic control towers.

Peterborough, Ontario (1,568 movements) followed by Barrie-Orillia-Lake Simcoe Regional, Ontario (790 movements) recorded the greatest number of local movements in January 2012.

Text table 1

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

	January 2011	January 2012	Percentage change, January 2011 to January 2012	Year-to-date total		Percentage change 2011 to 2012
				2011	2012	
	number		percent	number		percent
Total	38,640	35,406	-8.4	38,640	35,406	-8.4
Itinerant movements						
Carrier	23,760	22,748	-4.3	23,760	22,748	-4.3
Other commercial	648	506	-21.9	648	506	-21.9
Private	1,834	1,741	-5.1	1,834	1,741	-5.1
Government						
Civil	1,073	1,132	5.5	1,073	1,132	5.5
Military	675	697	3.3	675	697	3.3
Total	30,110	28,512	-5.3	30,110	28,512	-5.3
Local movements						
Civil	5,869	4,445	-24.3	5,869	4,445	-24.3
Military	30	57	90.0	30	57	90.0
Total	6,232	4,819	-22.7	6,232	4,819	-22.7
Number of airports in the survey	136	130	...	136	130	...

Analysis

In January 2012, the number of take-offs and landings at the 130 airports without air traffic control towers reached 35,406 movements. Goose Bay, Newfoundland and Labrador (2,076 movements) followed by Peterborough, Ontario (1,913 movements) were the most active sites. Of the 126 airports for which year-over-year comparisons were possible, increases were reported by 61 of these airports.

There were 28,512 itinerant movements (flights from one airport to another) recorded by 112 airports without air traffic control towers in January 2012. Goose Bay, Newfoundland and Labrador (2,076 movements) followed by Red Lake, Ontario (1,675 movements) recorded the greatest number of itinerant movements in January 2012.

Thirty-seven airports without air traffic control towers reported 4,819 local movements (flights that remain in the vicinity of the airport) in January 2012. Peterborough, Ontario, the most active site, recorded 1,568 take-offs and landings. This represented 32.5% 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
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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			
Aklavik, Northwest Territories	3	6	6	0
Akulivik, Quebec	.	133	133	0
Amos Municipal, Quebec	31	112	69	43
Arctic Bay, Nunavut	19	50	50	0
Arviat, Nunavut	28	218	218	0
Aupaluk, Quebec	.	91	91	0
Baie-Comeau, Quebec	31	905	879	26
Baker Lake, Nunavut	30	270	270	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	30	1,141	351	790
Bathurst, New Brunswick	31	222	222	0
Beaver Creek, Yukon	1	2	2	0
Berens River, Manitoba	..	128	..	..
Bloodvein River, Manitoba	..	131	..	..
Brochet, Manitoba	..	34	..	..
Bromont, Quebec	14	133	133	0
Buffalo Narrows, Saskatchewan	26	520	508	12
Burwash, Yukon	1	2	2	0
Cambridge Bay, Nunavut	31	353	323	30
Cape Dorset, Nunavut	21	74	74	0
Charlo, New Brunswick	23	85	85	0
Chesterfield Inlet, Nunavut	29	151	151	0
Chevery, Quebec	25	248	248	0
Chibougamau/Chapais, Quebec	30	387	373	14
Clyde River, Nunavut	24	117	117	0
Collingwood, Ontario	31	377	251	126
Comox, British Columbia	31	1,438	1,438	0
Coral Harbour, Nunavut	28	186	186	0
Cross Lake, Manitoba	..	179	..	..
Dauphin, Manitoba	26	309	297	12
Dawson, Yukon	29	147	147	0
Dawson Creek, British Columbia	29	398	344	54
Déline, Northwest Territories	24	146	146	0
Digby, Nova Scotia	12	44	24	20
Drummondville, Quebec	31	152	100	52
Dryden Regional, Ontario	30	699	649	50
Eastmain River, Quebec	22	95	95	0
Elliot Lake Municipal, Ontario	28	234	190	44
Eureka, Nunavut	2	2	2	0
Faro, Yukon	13	36	36	0
Flin Flon, Manitoba	31	427	427	0
Fort Frances Municipal, Ontario	30	380	380	0
Fort Liard, Northwest Territories	11	26	26	0
Fort McPherson, Northwest Territories	5	10	10	0
Fort Resolution, Northwest Territories	12	36	36	0
Fort Simpson, Northwest Territories	30	160	160	0
Gamëti/Rae Lakes, Northwest Territories	26	114	114	0
Gaspé, Quebec	31	273	269	4
Geraldton, Ontario	23	90	82	8
Gillam, Manitoba	30	219	219	0
Gjoa Haven, Nunavut	28	117	117	0
Gods Lake Narrows, Manitoba	..	102	..	..
Gods River, Manitoba	..	154	..	..
Goose Bay, Newfoundland and Labrador	31	2,076	2,076	0
Havre St-Pierre, Quebec	27	209	209	0
Hay River, Northwest Territories	30	408	404	4
Hearst/René Fontaine Municipal, Ontario	18	55	55	0
Igloolik, Nunavut	25	101	101	0
Ilford, Manitoba	..	16	..	..
Inukjuak, Quebec	.	190	190	0
Island Lake, Manitoba	31	989	989	0
Ivujivik, Quebec	.	116	116	0
Kangiqsualujuaq, Quebec	.	147	147	0
Kangiqsujuaq, Quebec	.	120	118	2
Kangirsuk, Quebec	.	185	185	0
Kapuskasing, Ontario	31	339	281	58
Kimirut, Nunavut	14	48	48	0
Kugaaruk, Nunavut	8	21	21	0
Kugluktuk, Nunavut	28	200	200	0

Table 1 – continued

Total aircraft movements by class of operation

	Number of days reported for current month	Total, itinerant and local movements	Total itinerant movements	Total local movements
	number			
Kuujuarapik, Quebec	29	340	340	0
Lac Brochet, Manitoba	..	122	..	..
Little Grand Rapids, Manitoba	..	244	..	..
Lourdes-de-Blanc-Sablon, Quebec	30	358	356	2
Lutselk'e, Northwest Territories	25	135	135	0
Mayo, Yukon	15	58	58	0
Miramichi, New Brunswick	24	287	287	0
Moosonee, Ontario	30	840	840	0
Muskoka, Ontario	29	347	297	50
Nakina, Ontario	30	510	496	14
Natashquan, Quebec	22	170	170	0
Norway House, Manitoba	31	333	333	0
Old Crow, Yukon	23	50	50	0
Oxford House, Manitoba	..	218	..	..
Pabok, Quebec	8	18	18	0
Pangnirtung, Nunavut	29	203	203	0
Paulatuk, Northwest Territories	18	43	43	0
Peterborough, Ontario	31	1,913	345	1,568
Pickle Lake, Ontario	31	1,133	1,089	44
Pikwitonei, Manitoba	..	6	..	..
Pond Inlet, Nunavut	24	63	63	0
Port-Menier, Quebec	17	67	67	0
Prince Rupert/Digby Island, British Columbia	7	25	25	0
Prince Rupert/Seal Cove, British Columbia	27	567	567	0
Pukatawagan, Manitoba	..	140	..	..
Qikiqtarjuaq, Nunavut	22	78	78	0
Quesnel, British Columbia	28	248	226	22
Red Lake, Ontario	31	1,753	1,675	78
Red Sucker Lake, Manitoba	..	305	..	..
Repulse Bay, Nunavut	29	138	138	0
Resolute Bay, Nunavut	28	98	98	0
Rimouski, Quebec	25	210	152	58
Roberval, Quebec	23	172	146	26
Sachs Harbour, Northwest Territories	11	25	25	0
Sandspit, British Columbia	31	298	292	6
Shamattawa, Manitoba	..	178	..	..
Sherbrooke, Quebec	17	295	49	246
South Indian Lake, Manitoba	..	64	..	..
St. Anthony, Newfoundland and Labrador	31	313	313	0
St. Theresa Point, Manitoba	31	707	707	0
Stephenville, Newfoundland and Labrador	28	117	117	0
Stony Rapids, Saskatchewan	30	840	840	0
Sydney, Nova Scotia	31	470	440	30
Tadoule Lake, Manitoba	..	24	..	..
Taloyoak, Nunavut	30	122	122	0
Tasiujaq, Quebec	..	104	104	0
Teslin, Yukon	3	6	6	0
The Pas, Manitoba	30	356	310	46
Thicket Portage, Manitoba	..	3	..	..
Tillsonburg, Ontario	..	451	136	315
Tofino, British Columbia	22	169	157	12
Trois-Rivières, Quebec	25	480	299	181
Tuktoyaktuk, Northwest Territories	21	58	58	0
Ulukhakt/Holman, Northwest Territories	17	42	42	0
Umiujaq, Quebec	..	144	144	0
Waskaganish, Quebec	25	263	240	23
Watson Lake, Yukon	20	66	66	0
Welland/Niagara Central, Ontario	20	622	31	591
Wemindji, Quebec	20	102	102	0
Whale Cove, Nunavut	25	132	132	0
York Landing, Manitoba	..	27	..	..
Yorkton Municipal, Saskatchewan	30	453	295	158
Total (130)	31	35,406	28,512	4,819

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	6	4	0	0	0	0	0	0	2
Akulivik, Quebec	133	.	.	.	.	.	.	.	.
Amos Municipal, Quebec	69	37	3	23	0	0	0	6	0
Arctic Bay, Nunavut	50	49	0	0	0	1	0	0	0
Arviat, Nunavut	218	212	0	4	0	0	0	2	0
Aupaluk, Quebec	91	.	.	.	.	.	.	.	.
Baie-Comeau, Quebec	879	662	2	86	0	0	0	105	24
Baker Lake, Nunavut	270	268	0	0	0	0	0	2	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	351	165	9	122	4	0	13	36	2
Bathurst, New Brunswick	222	176	1	10	2	22	7	0	4
Beaver Creek, Yukon	2	0	0	1	0	0	1	0	0
Bromont, Quebec	133	23	12	80	2	0	6	0	10
Buffalo Narrows, Saskatchewan	508	457	29	0	0	0	0	22	0
Burwash, Yukon	2	2	0	0	0	0	0	0	0
Cambridge Bay, Nunavut	323	320	0	1	0	0	0	2	0
Cape Dorset, Nunavut	74	66	0	4	0	0	0	4	0
Charlo, New Brunswick	85	24	2	29	0	0	4	6	20
Chesterfield Inlet, Nunavut	151	150	0	0	1	0	0	0	0
Chevery, Quebec	248	236	12	0	0	0	0	0	0
Chibougamau/Chapais, Quebec	373	332	4	26	0	0	0	11	0
Clyde River, Nunavut	117	114	2	0	0	0	0	1	0
Collingwood, Ontario	251	23	16	208	0	0	0	4	0
Comox, British Columbia	1,438	1,025	0	2	30	0	1	20	360
Coral Harbour, Nunavut	186	181	1	2	0	0	0	2	0
Dauphin, Manitoba	297	110	39	30	0	0	0	60	58
Dawson, Yukon	147	145	0	0	0	0	0	2	0
Dawson Creek, British Columbia	344	283	14	32	0	0	0	15	0
Déline, Northwest Territories	146	132	0	0	0	0	0	8	6
Digby, Nova Scotia	24	6	0	16	0	0	0	2	0
Drummondville, Quebec	100	45	2	51	0	0	0	0	2
Dryden Regional, Ontario	649	591	3	33	0	0	0	18	4
Eastmain River, Quebec	95	93	0	2	0	0	0	0	0
Elliot Lake Municipal, Ontario	190	146	30	10	0	0	0	4	0
Eureka, Nunavut	2	2	0	0	0	0	0	0	0
Faro, Yukon	36	36	0	0	0	0	0	0	0
Flin Flon, Manitoba	427	406	0	2	0	0	0	19	0
Fort Frances Municipal, Ontario	380	365	0	11	1	0	3	0	0
Fort Liard, Northwest Territories	26	22	0	0	0	0	0	4	0
Fort McPherson, Northwest Territories	10	6	0	0	0	0	0	4	0
Fort Resolution, Northwest Territories	36	32	0	0	0	0	0	4	0
Fort Simpson, Northwest Territories	160	150	0	2	0	0	0	4	4
Gamëti/Rae Lakes, Northwest Territories	114	104	0	0	0	0	0	8	2
Gaspé, Quebec	269	227	0	8	0	0	0	34	0
Geraldton, Ontario	82	68	6	0	0	0	0	8	0
Gillam, Manitoba	219	211	0	2	0	0	0	6	0
Gjoa Haven, Nunavut	117	117	0	0	0	0	0	0	0
Goose Bay, Newfoundland and Labrador	2,076	1,705	8	23	78	20	98	80	64
Havre St-Pierre, Quebec	209	181	0	6	0	0	0	22	0
Hay River, Northwest Territories	404	380	0	6	0	0	0	18	0
Hearst/René Fontaine Municipal, Ontario	55	48	2	5	0	0	0	0	0
Igloolik, Nunavut	101	97	4	0	0	0	0	0	0
Inukjuak, Quebec	190	.	.	.	.	.	.	.	.
Island Lake, Manitoba	989	968	0	2	0	0	0	19	0
Ivujivik, Quebec	116	.	.	.	.	.	.	.	.
Kangiqsualujuaq, Quebec	147	.	.	.	.	.	.	.	.
Kangiqsujuaq, Quebec	118	.	.	.	.	.	.	.	.
Kangirsuk, Quebec	185	.	.	.	.	.	.	.	.
Kapuskasing, Ontario	281	277	0	4	0	0	0	0	0
Kimmirut, Nunavut	48	42	0	0	0	0	0	6	0
Kugaaruk, Nunavut	21	21	0	0	0	0	0	0	0
Kugluktuk, Nunavut	200	200	0	0	0	0	0	0	0
Kuujuarapik, Quebec	340	334	0	2	0	0	0	4	0
Lourdes-de-Blanc-Sablon, Quebec	356	339	4	3	0	0	0	6	4
Lutselk'e, Northwest Territories	135	132	0	0	0	0	0	3	0
Mayo, Yukon	58	58	0	0	0	0	0	0	0
Miramichi, New Brunswick	287	232	30	17	0	0	1	7	0
Moosonee, Ontario	840	819	0	7	0	0	0	14	0

Table 2-1 – continued

Itinerant movements by class and type of operation

	Total itinerant movements	Domestic			International			Government	
		Carrier	Other commercial	Private	Carrier	Other commercial	Private	Civil	Military
		number							
Muskoka, Ontario	297	139	27	87	3	0	4	33	4
Nakina, Ontario	496	494	2	0	0	0	0	0	0
Natashquan, Quebec	170	151	0	18	0	0	0	1	0
Norway House, Manitoba	333	306	0	5	0	0	0	22	0
Old Crow, Yukon	50	48	0	0	0	0	0	2	0
Pabok, Quebec	18	2	0	2	0	0	0	14	0
Pangnirtung, Nunavut	203	194	5	2	0	0	0	2	0
Paulatuk, Northwest Territories	43	43	0	0	0	0	0	0	0
Peterborough, Ontario	345	87	50	186	0	0	0	13	9
Pickle Lake, Ontario	1,089	1,048	11	28	0	0	0	2	0
Pond Inlet, Nunavut	63	54	4	1	0	0	0	4	0
Port-Menier, Quebec	67	67	0	0	0	0	0	0	0
Prince Rupert/Digby Island, British Columbia	25	25	0	0	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	567	448	0	17	4	0	5	93	0
Qikiqtarjuaq, Nunavut	78	72	0	2	0	0	0	4	0
Quesnel, British Columbia	226	172	0	46	0	0	0	8	0
Red Lake, Ontario	1,675	1,560	11	48	0	0	0	43	13
Repulse Bay, Nunavut	138	136	0	2	0	0	0	0	0
Resolute Bay, Nunavut	98	83	2	1	0	0	0	2	10
Rimouski, Quebec	152	33	4	101	0	0	0	11	3
Roberval, Quebec	146	76	20	43	1	0	0	2	4
Sachs Harbour, Northwest Territories	25	25	0	0	0	0	0	0	0
Sandspit, British Columbia	292	268	0	0	0	0	0	20	4
Sherbrooke, Quebec	49	8	2	33	0	0	2	4	0
St. Anthony, Newfoundland and Labrador	313	241	0	0	0	0	0	64	8
St. Theresa Point, Manitoba	707	704	0	0	0	0	0	3	0
Stephenville, Newfoundland and Labrador	117	81	0	0	3	0	2	13	18
Stony Rapids, Saskatchewan	840	711	103	0	0	0	0	26	0
Sydney, Nova Scotia	440	403	2	9	0	0	2	18	6
Taloyoak, Nunavut	122	120	0	0	0	0	0	2	0
Tasiujaq, Quebec	104	.	.	.	.	.	.	.	.
Teslin, Yukon	6	2	0	2	0	0	0	2	0
The Pas, Manitoba	310	288	0	0	0	0	0	14	8
Tillsonburg, Ontario	136	..	..	..	..	..	..	..	..
Tofino, British Columbia	157	60	8	21	0	0	0	64	4
Trois-Rivières, Quebec	299	151	14	110	0	0	0	10	14
Tuktoyaktuk, Northwest Territories	58	52	0	0	0	0	0	6	0
Uluksukot/Holman, Northwest Territories	42	40	0	0	0	0	0	2	0
Umiujaq, Quebec	144	.	.	.	.	.	.	.	.
Waskaganish, Quebec	240	234	0	4	0	0	0	2	0
Watson Lake, Yukon	66	54	0	7	0	0	0	5	0
Welland/Niagara Central, Ontario	31	10	0	19	0	0	2	0	0
Wemindji, Quebec	102	102	0	0	0	0	0	0	0
Whale Cove, Nunavut	132	128	0	0	0	0	0	4	0
Yorkton Municipal, Saskatchewan	295	172	6	75	0	0	1	15	26
Total (112)	28,512	22,748	506	1,741	129	43	152	1,132	697

Table 2-2
Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Aklavik, Northwest Territories	6	0	6	0	0	0
Akulivik, Quebec	133	.	.	.	.	..
Amos Municipal, Quebec	69	6	37	23	3	0
Arctic Bay, Nunavut	50	0	50	0	0	0
Arviat, Nunavut	218	0	218	0	0	0
Aupaluk, Quebec	91	.	.	.	.	..
Baie-Comeau, Quebec	879	62	606	194	17	0
Baker Lake, Nunavut	270	0	270	0	0	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	351	12	100	151	88	0
Bathurst, New Brunswick	222	0	174	21	27	0
Beaver Creek, Yukon	2	0	0	0	2	0
Bromont, Quebec	133	0	0	111	22	0
Buffalo Narrows, Saskatchewan	508	0	451	49	8	0
Burwash, Yukon	2	0	2	0	0	0
Cambridge Bay, Nunavut	323	22	269	3	29	0
Cape Dorset, Nunavut	74	0	74	0	0	0
Charlo, New Brunswick	85	2	57	8	18	0
Chesterfield Inlet, Nunavut	151	0	151	0	0	0
Chevery, Quebec	248	0	244	4	0	0
Chibougamau/Chapais, Quebec	373	13	333	21	6	0
Clyde River, Nunavut	117	0	117	0	0	0
Collingwood, Ontario	251	2	2	233	14	0
Comox, British Columbia	1,438	253	894	115	176	0
Coral Harbour, Nunavut	186	0	186	0	0	0
Dauphin, Manitoba	297	10	182	88	17	0
Dawson, Yukon	147	0	118	0	29	0
Dawson Creek, British Columbia	344	14	246	38	46	0
Déline, Northwest Territories	146	0	110	34	2	0
Digby, Nova Scotia	24	0	0	22	2	0
Drummondville, Quebec	100	0	4	64	32	0
Dryden Regional, Ontario	649	0	429	130	90	0
Eastmain River, Quebec	95	0	91	4	0	0
Elliot Lake Municipal, Ontario	190	0	143	43	4	0
Eureka, Nunavut	2	0	2	0	0	0
Faro, Yukon	36	0	18	1	17	0
Flin Flon, Manitoba	427	3	386	20	18	0
Fort Frances Municipal, Ontario	380	0	265	97	18	0
Fort Liard, Northwest Territories	26	0	14	8	4	0
Fort McPherson, Northwest Territories	10	0	10	0	0	0
Fort Resolution, Northwest Territories	36	0	29	7	0	0
Fort Simpson, Northwest Territories	160	6	119	35	0	0
Gamëti/Rae Lakes, Northwest Territories	114	0	110	4	0	0
Gaspé, Quebec	269	6	255	8	0	0
Geraldton, Ontario	82	0	68	4	10	0
Gillam, Manitoba	219	0	128	91	0	0
Gjoa Haven, Nunavut	117	0	117	0	0	0
Goose Bay, Newfoundland and Labrador	2,076	314	1,430	23	309	0
Havre St-Pierre, Quebec	209	4	128	53	24	0
Hay River, Northwest Territories	404	0	303	101	0	0
Hearst/René Fontaine Municipal, Ontario	55	0	44	5	6	0
Igloolik, Nunavut	101	0	101	0	0	0
Inukjuak, Quebec	190	.	.	.	.	..
Island Lake, Manitoba	989	0	606	62	321	0
Ivujivik, Quebec	116	.	.	.	.	..
Kangiqsualujuaq, Quebec	147	.	.	.	.	..
Kangiqsujuaq, Quebec	118	.	.	.	.	..
Kangirsuk, Quebec	185	.	.	.	.	..
Kapuskasing, Ontario	281	2	275	2	2	0
Kimmirut, Nunavut	48	0	48	0	0	0
Kugaaruk, Nunavut	21	2	19	0	0	0
Kugluktuk, Nunavut	200	28	170	2	0	0
Kuujuarapik, Quebec	340	4	336	0	0	0
Louder-de-Blanc-Sablon, Quebec	356	2	343	7	4	0
Lutselk'e, Northwest Territories	135	0	106	29	0	0
Mayo, Yukon	58	0	20	26	12	0
Miramichi, New Brunswick	287	30	90	158	9	0
Moosonee, Ontario	840	0	667	39	134	0
Muskoka, Ontario	297	13	110	138	36	0

Table 2-2 – continued

Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Nakina, Ontario	496	0	476	10	10	0
Natashquan, Quebec	170	0	115	42	13	0
Norway House, Manitoba	333	2	299	31	1	0
Old Crow, Yukon	50	0	50	0	0	0
Pabok, Quebec	18	0	16	2	0	0
Pangnirtung, Nunavut	203	0	201	2	0	0
Paulatuk, Northwest Territories	43	0	43	0	0	0
Peterborough, Ontario	345	37	34	255	19	0
Pickle Lake, Ontario	1,089	0	1,030	44	15	0
Pond Inlet, Nunavut	63	0	63	0	0	0
Port-Menier, Quebec	67	0	10	57	0	0
Prince Rupert/Digby Island, British Columbia	25	0	0	25	0	0
Prince Rupert/Seal Cove, British Columbia	567	0	39	393	135	0
Qikiqtarjuaq, Nunavut	78	0	76	0	2	0
Quesnel, British Columbia	226	18	168	32	8	0
Red Lake, Ontario	1,675	4	1,315	299	57	0
Repulse Bay, Nunavut	138	0	138	0	0	0
Resolute Bay, Nunavut	98	8	86	4	0	0
Rimouski, Quebec	152	10	30	99	13	0
Roberval, Quebec	146	4	76	62	4	0
Sachs Harbour, Northwest Territories	25	0	23	2	0	0
Sandspit, British Columbia	292	2	108	0	182	0
Sherbrooke, Quebec	49	6	2	33	8	0
St. Anthony, Newfoundland and Labrador	313	2	301	0	10	0
St. Theresa Point, Manitoba	707	3	326	56	322	0
Stephenville, Newfoundland and Labrador	117	13	83	4	17	0
Stony Rapids, Saskatchewan	840	0	629	188	23	0
Sydney, Nova Scotia	440	43	364	7	26	0
Taloyoak, Nunavut	122	0	120	2	0	0
Tasiujaq, Quebec	104	.	.	.	.	..
Teslin, Yukon	6	0	2	2	2	0
The Pas, Manitoba	310	8	234	53	15	0
Tillsonburg, Ontario	136	..	..	..	..	..
Tofino, British Columbia	157	8	6	58	85	0
Trois-Rivières, Quebec	299	18	25	230	26	0
Tuktoyaktuk, Northwest Territories	58	0	58	0	0	0
Ulukhakt/Holman, Northwest Territories	42	0	42	0	0	0
Umiujaq, Quebec	144	.	.	.	.	..
Waskaganish, Quebec	240	0	214	24	2	0
Watson Lake, Yukon	66	0	49	12	5	0
Welland/Niagara Central, Ontario	31	0	2	29	0	0
Wemindji, Quebec	102	0	100	2	0	0
Whale Cove, Nunavut	132	0	132	0	0	0
Yorkton Municipal, Saskatchewan	295	12	102	161	20	0
Total (112)	28,512	1,008	19,068	4,496	2,576	0

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						
Aklavik, Northwest Territories	6	0	0	6	0	0	0	0
Akulivik, Quebec	133	.	..	..	.	.	.	.
Amos Municipal, Quebec	69	26	0	31	2	4	6	0
Arctic Bay, Nunavut	50	0	0	5	1	34	10	0
Arviat, Nunavut	218	0	0	9	0	79	129	1
Aupaluk, Quebec	91	.	..	..	.	.	.	.
Baie-Comeau, Quebec	879	25	185	320	88	166	95	0
Baker Lake, Nunavut	270	0	0	26	0	44	200	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	351	205	20	108	10	2	6	0
Bathurst, New Brunswick	222	36	48	34	0	74	30	0
Beaver Creek, Yukon	2	0	0	2	0	0	0	0
Bromont, Quebec	133	128	3	2	0	0	0	0
Buffalo Narrows, Saskatchewan	508	43	14	325	126	0	0	0
Burwash, Yukon	2	0	0	2	0	0	0	0
Cambridge Bay, Nunavut	323	1	2	121	7	61	105	26
Cape Dorset, Nunavut	74	0	0	10	1	63	0	0
Charlo, New Brunswick	85	10	18	37	0	0	0	20
Chesterfield Inlet, Nunavut	151	0	0	5	0	26	120	0
Chevery, Quebec	248	0	4	108	136	0	0	0
Chibougamau/Chapais, Quebec	373	16	43	159	36	113	6	0
Clyde River, Nunavut	117	0	0	3	0	54	60	0
Collingwood, Ontario	251	235	8	4	4	0	0	0
Comox, British Columbia	1,438	46	89	52	498	340	117	296
Coral Harbour, Nunavut	186	0	0	20	2	159	5	0
Dauphin, Manitoba	297	84	17	150	10	16	0	20
Dawson, Yukon	147	29	0	3	10	0	105	0
Dawson Creek, British Columbia	344	76	8	56	101	63	40	0
Déline, Northwest Territories	146	2	44	42	36	0	22	0
Digby, Nova Scotia	24	14	10	0	0	0	0	0
Drummondville, Quebec	100	93	3	4	0	0	0	0
Dryden Regional, Ontario	649	187	42	418	0	2	0	0
Eastmain River, Quebec	95	2	2	9	12	70	0	0
Elliot Lake Municipal, Ontario	190	39	4	141	0	6	0	0
Eureka, Nunavut	2	0	0	0	2	0	0	0
Faro, Yukon	36	17	5	14	0	0	0	0
Flin Flon, Manitoba	427	18	28	274	3	98	6	0
Fort Frances Municipal, Ontario	380	14	85	281	0	0	0	0
Fort Liard, Northwest Territories	26	6	10	10	0	0	0	0
Fort McPherson, Northwest Territories	10	0	0	10	0	0	0	0
Fort Resolution, Northwest Territories	36	2	8	12	2	2	10	0
Fort Simpson, Northwest Territories	160	33	57	18	6	2	44	0
Gamèti/Rae Lakes, Northwest Territories	114	2	51	49	0	2	10	0
Gaspé, Quebec	269	8	0	10	0	245	6	0
Geraldton, Ontario	82	6	12	64	0	0	0	0
Gillam, Manitoba	219	12	79	34	0	88	6	0
Gjoa Haven, Nunavut	117	0	0	14	0	49	54	0
Goose Bay, Newfoundland and Labrador	2,076	211	62	792	243	486	236	46
Havre St-Pierre, Quebec	209	18	53	57	33	16	32	0
Hay River, Northwest Territories	404	12	12	77	104	87	110	2
Hearst/René Fontaine Municipal, Ontario	55	9	0	46	0	0	0	0
Igloolik, Nunavut	101	0	0	9	0	55	37	0
Inukjuak, Quebec	190	.	..	..	.	.	.	.
Island Lake, Manitoba	989	376	9	442	2	124	36	0
Ivujivik, Quebec	116	.	..	..	.	.	.	.
Kangiqsualujuaq, Quebec	147	.	..	..	.	.	.	.
Kangiqsujuaq, Quebec	118	.	..	..	.	.	.	.
Kangirsuk, Quebec	185	.	..	..	.	.	.	.
Kapuskasing, Ontario	281	4	0	239	2	22	14	0
Kimmirut, Nunavut	48	0	0	48	0	0	0	0
Kugaaruk, Nunavut	21	0	0	0	0	12	7	2
Kugluktuk, Nunavut	200	2	0	24	0	64	76	34
Kuujuarapik, Quebec	340	0	0	114	2	79	145	0
Lourdes-de-Blanc-Sablon, Quebec	356	0	7	153	89	107	0	0
Lutselk'e, Northwest Territories	135	6	79	43	0	2	5	0
Mayo, Yukon	58	12	26	6	6	0	8	0
Miramichi, New Brunswick	287	160	81	4	6	26	6	4
Moosonee, Ontario	840	66	59	396	122	138	59	0

Table 2-3 – continued

Itinerant movements by aircraft weight groups

	Total itinerant movements	Maximum 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
Muskoka, Ontario	297	131	41	74	43	6	2	0
Nakina, Ontario	496	18	341	110	27	0	0	0
Natashquan, Quebec	170	30	24	58	57	1	0	0
Norway House, Manitoba	333	10	26	295	2	0	0	0
Old Crow, Yukon	50	0	0	2	4	0	44	0
Pabok, Quebec	18	2	0	2	0	14	0	0
Pangnirtung, Nunavut	203	0	2	32	0	77	92	0
Paulatuk, Northwest Territories	43	0	0	43	0	0	0	0
Peterborough, Ontario	345	264	15	20	22	6	11	7
Pickle Lake, Ontario	1,089	20	488	147	139	0	295	0
Pond Inlet, Nunavut	63	0	0	13	0	36	14	0
Port-Menier, Quebec	67	0	57	10	0	0	0	0
Prince Rupert/Digby Island, British Columbia	25	0	25	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	567	37	442	88	0	0	0	0
Qikiqtarjuaq, Nunavut	78	0	0	10	2	22	44	0
Quesnel, British Columbia	226	40	0	8	177	1	0	0
Red Lake, Ontario	1,675	209	458	511	239	12	239	7
Repulse Bay, Nunavut	138	0	0	10	0	86	42	0
Resolute Bay, Nunavut	98	0	0	30	10	1	39	18
Rimouski, Quebec	152	58	53	31	0	2	8	0
Roberval, Quebec	146	56	7	72	2	7	2	0
Sachs Harbour, Northwest Territories	25	0	0	23	0	0	2	0
Sandspit, British Columbia	292	168	4	50	6	60	2	2
Sherbrooke, Quebec	49	35	6	6	0	2	0	0
St. Anthony, Newfoundland and Labrador	313	4	0	85	66	130	26	2
St. Theresa Point, Manitoba	707	372	6	134	3	155	37	0
Stephenville, Newfoundland and Labrador	117	4	9	5	7	60	18	14
Stony Rapids, Saskatchewan	840	23	231	357	143	86	0	0
Sydney, Nova Scotia	440	3	64	32	6	292	23	20
Taloyoak, Nunavut	122	0	0	18	0	89	13	2
Tasiujaq, Quebec	104	.	..	..	.	.	.	.
Teslin, Yukon	6	4	0	2	0	0	0	0
The Pas, Manitoba	310	17	51	138	8	90	4	2
Tillsonburg, Ontario	136	..	..	..	..	..	..	..
Tofino, British Columbia	157	39	90	14	6	8	0	0
Trois-Rivières, Quebec	299	221	33	10	8	5	4	18
Tuktoyaktuk, Northwest Territories	58	0	2	56	0	0	0	0
Uluksukot/Holman, Northwest Territories	42	0	0	25	0	0	17	0
Umiujaq, Quebec	144	.	..	..	.	.	.	.
Waskaganish, Quebec	240	18	8	32	12	170	0	0
Watson Lake, Yukon	66	7	6	11	42	0	0	0
Welland/Niagara Central, Ontario	31	29	0	2	0	0	0	0
Wemindji, Quebec	102	0	2	16	0	84	0	0
Whale Cove, Nunavut	132	0	0	10	0	34	88	0
Yorkton Municipal, Saskatchewan	295	109	60	95	22	5	2	2
Total (112)	28,512	4,219	3,838	8,139	2,755	4,621	3,031	545

Table 3
Local movements by type of operation

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	43	43	0
Baie-Comeau, Quebec	26	26	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	790	790	0
Buffalo Narrows, Saskatchewan	12	12	0
Cambridge Bay, Nunavut	30	30	0
Chibougamau/Chapais, Quebec	14	14	0
Collingwood, Ontario	126	121	5
Dauphin, Manitoba	12	12	0
Dawson Creek, British Columbia	54	54	0
Digby, Nova Scotia	20	20	0
Drummondville, Quebec	52	52	0
Dryden Regional, Ontario	50	50	0
Elliot Lake Municipal, Ontario	44	44	0
Gaspé, Quebec	4	4	0
Geraldton, Ontario	8	8	0
Hay River, Northwest Territories	4	4	0
Kangiqsujuaq, Quebec	2	.	.
Kapuskasing, Ontario	58	58	0
Lourdes-de-Blanc-Sablon, Quebec	2	2	0
Muskoka, Ontario	50	50	0
Nakina, Ontario	14	14	0
Peterborough, Ontario	1,568	1,562	6
Pickle Lake, Ontario	44	44	0
Quesnel, British Columbia	22	22	0
Red Lake, Ontario	78	56	22
Rimouski, Quebec	58	58	0
Roberval, Quebec	26	26	0
Sandspit, British Columbia	6	6	0
Sherbrooke, Quebec	246	246	0
Sydney, Nova Scotia	30	28	2
The Pas, Manitoba	46	30	16
Tillsonburg, Ontario	315	..	..
Tofino, British Columbia	12	10	2
Trois-Rivières, Quebec	181	181	0
Waskaganish, Quebec	23	23	0
Welland/Niagara Central, Ontario	591	591	0
Yorkton Municipal, Saskatchewan	158	154	4
Total (37)	4,819	4,445	57

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
Kangiqsujaq	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 January, 2011 but were not available in January, 2012:

1. Grise Fiord, Nunavut
2. Guelph, Ontario
3. Hall Beach, Nunavut
4. Sanikiluaq, Northwest Territories
5. St-Augustin, Quebec
6. Tulita, Northwest Territories

b) Data for the following airports are included in January, 2012 but not in January, 2011:

1. Aklavik, Northwest Territories
2. Eastmain River, Quebec
3. Sachs Harbour, Northwest Territories
4. Ulukhakot/Holman, Northwest Territories
5. In the spring of 2011, operations at Guelph, Ontario temporarily ceased until the new owner is established.

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.