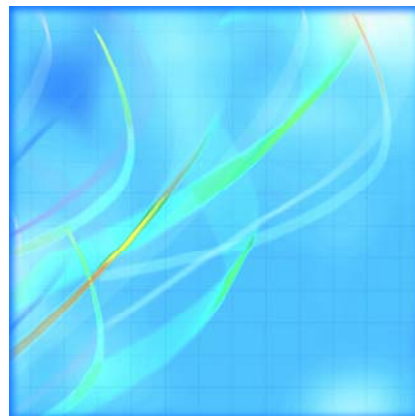


Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



March 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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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

Moosonee, Ontario the most active site in March 2012, recorded 3,187 itinerant movements. This represented 7.7% of the total itinerant movements registered by 113 airports without air traffic control towers.

Peterborough, Ontario (2,144 movements) and Barrie-Orillia-Lake Simcoe Regional, Ontario (1,268 movements) recorded the greatest number of local movements in March 2012.

Text table 1

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

	March 2011	March 2012	Percentage change, March 2011 to March 2012	Year-to-date total		Percentage change 2011 to 2012
				2011	2012	
	number		percent	number		percent
Total	52,014	52,360	0.7	127,499	128,739	1.0
Itinerant movements						
Carrier	29,481	30,715	4.2	76,137	78,035	2.5
Other commercial	890	1,331	49.6	2,376	2,799	17.8
Private	3,029	4,055	33.9	6,753	8,702	28.9
Government						
Civil	1,407	1,414	0.5	3,526	3,798	7.7
Military	851	1,032	21.3	2,194	2,517	14.7
Total	38,598	41,186	6.7	98,507	102,717	4.3
Local movements						
Civil	10,378	8,171	-21.3	20,810	18,224	-12.4
Military	44	132	200.0	81	221	172.8
Total	11,078	8,673	-21.7	22,108	19,577	-11.4
Number of airports in the survey	138	132	...	138	132	...

Analysis

In March 2012, the number of take-offs and landings at the 132 airports without air traffic control towers reached 52,360 movements. Moosonee, Ontario (3,195 movements) and Goose Bay, Newfoundland and Labrador (2,772 movements) were the most active sites. Of the 129 airports for which year-over-year comparisons were possible, increases were reported by 60 of these airports.

There were 41,186 itinerant movements (flights from one airport to another) recorded by 113 airports without air traffic control towers in March 2012. Moosonee, Ontario (3,187 movements) and Goose Bay, Newfoundland and Labrador (2,772 movements) recorded the greatest number of itinerant movements.

Forty-two airports without air traffic control towers reported 8,673 local movements (flights that remain in the vicinity of the airport) in March 2012. Peterborough, Ontario, the most active site, recorded 2,144 take-offs and landings. This represented 24.7% 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
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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	4	6	6	0
Akulivik, Quebec	.	153	153	0
Amos Municipal, Quebec	31	406	116	290
Arctic Bay, Nunavut	18	56	56	0
Arviat, Nunavut	27	210	210	0
Aupaluk, Quebec	.	62	62	0
Baie-Comeau, Quebec	31	989	983	6
Baker Lake, Nunavut	29	509	509	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	31	1,829	561	1,268
Bathurst, New Brunswick	31	267	267	0
Beaver Creek, Yukon	3	8	8	0
Berens River, Manitoba	..	148	..	..
Bloodvein River, Manitoba	..	232	..	..
Brochet, Manitoba	..	54	..	..
Bromont, Quebec	28	449	449	0
Buffalo Narrows, Saskatchewan	28	590	576	14
Burwash, Yukon	9	23	23	0
Cambridge Bay, Nunavut	31	452	440	12
Cape Dorset, Nunavut	20	81	81	0
Charlo, New Brunswick	27	214	214	0
Chesterfield Inlet, Nunavut	21	127	127	0
Chevery, Quebec	28	284	284	0
Chibougamau/Chapais, Quebec	31	550	534	16
Clyde River, Nunavut	23	128	128	0
Collingwood, Ontario	27	819	646	173
Comox, British Columbia	31	1,667	1,667	0
Coral Harbour, Nunavut	29	170	170	0
Cross Lake, Manitoba	..	185	..	..
Dauphin, Manitoba	29	273	263	10
Dawson, Yukon	31	389	389	0
Dawson Creek, British Columbia	30	399	373	26
Déline, Northwest Territories	27	150	150	0
Digby, Nova Scotia	16	78	33	45
Drummondville, Quebec	31	594	330	264
Dryden Regional, Ontario	31	931	814	117
Eastmain River, Quebec	24	111	111	0
Elliot Lake Municipal, Ontario	31	404	312	92
Eureka, Nunavut	11	36	36	0
Faro, Yukon	19	51	51	0
Flin Flon, Manitoba	31	482	474	8
Fort Frances Municipal, Ontario	31	411	411	0
Fort Liard, Northwest Territories	12	33	33	0
Fort McPherson, Northwest Territories	8	62	62	0
Fort Resolution, Northwest Territories	6	19	19	0
Fort Simpson, Northwest Territories	31	161	161	0
Fort Smith, Northwest Territories	30	441	441	0
Gamëti/Rae Lakes, Northwest Territories	23	101	101	0
Gaspé, Quebec	31	346	340	6
Geraldton, Ontario	27	127	117	10
Gillam, Manitoba	27	252	252	0
Gjoa Haven, Nunavut	26	143	143	0
Gods Lake Narrows, Manitoba	..	102	..	..
Gods River, Manitoba	..	144	..	..
Goose Bay, Newfoundland and Labrador	31	2,772	2,772	0
Grise Fiord, Nunavut	12	28	28	0
Hall Beach, Nunavut	26	156	156	0
Havre St-Pierre, Quebec	30	343	343	0
Hay River, Northwest Territories	31	471	453	18
Hearst/René Fontaine Municipal, Ontario	23	102	102	0
Igloolik, Nunavut	28	129	129	0
Ilford, Manitoba	..	8	..	..
Inukjuak, Quebec	.	261	261	0
Island Lake, Manitoba	31	1,333	1,327	6
Ivujivik, Quebec	.	164	164	0
Kangiqsualujuaq, Quebec	.	169	169	0
Kangirsuk, Quebec	.	126	126	0
Kapuskasing, Ontario	31	427	339	88
Kimmirut, Nunavut	17	46	46	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			
Kugaaruk, Nunavut	28	115	115	0
Kuujuarapik, Quebec	31	532	526	6
Lac Brochet, Manitoba	..	130	..	..
Little Grand Rapids, Manitoba	..	507	..	..
Lourdes-de-Blanc-Sablon, Quebec	30	560	524	36
Lutsel'k'e, Northwest Territories	24	137	137	0
Mayo, Yukon	23	156	154	2
Miramichi, New Brunswick	28	306	306	0
Moosonee, Ontario	31	3,195	3,187	8
Muskoka, Ontario	30	1,137	847	290
Nakina, Ontario	30	644	644	0
Natashquan, Quebec	29	285	285	0
Norway House, Manitoba	31	386	386	0
Old Crow, Yukon	26	147	147	0
Oxford House, Manitoba	..	176	..	..
Pabok, Quebec	14	32	32	0
Pangnirtung, Nunavut	28	190	190	0
Peterborough, Ontario	31	2,645	501	2,144
Pickle Lake, Ontario	31	1,456	1,416	40
Pikwitonei, Manitoba	..	6	..	..
Pond Inlet, Nunavut	23	76	76	0
Poplar River, Manitoba	..	174	..	..
Port-Menier, Quebec	22	150	150	0
Prince Rupert/Digby Island, British Columbia	18	52	52	0
Prince Rupert/Seal Cove, British Columbia	31	920	920	0
Pukatawagan, Manitoba	..	130	..	..
Puvirnituq, Quebec	..	307	307	0
Qikiqtarjuaq, Nunavut	22	84	84	0
Quaqtaq, Quebec	..	146	146	0
Quesnel, British Columbia	31	417	347	70
Red Lake, Ontario	31	2,255	1,903	352
Red Sucker Lake, Manitoba	..	212	..	..
Repulse Bay, Nunavut	30	150	150	0
Resolute Bay, Nunavut	28	319	319	0
Rimouski, Quebec	30	406	358	48
Roberval, Quebec	25	252	222	30
Salluit, Quebec	..	225	207	18
Sandspit, British Columbia	30	182	182	0
Shamattawa, Manitoba	..	182	..	..
Sherbrooke, Quebec	28	1,127	343	784
South Indian Lake, Manitoba	..	40	..	..
St. Anthony, Newfoundland and Labrador	29	416	392	24
St-Augustin, Quebec	22	151	151	0
St. Theresa Point, Manitoba	30	1,007	1,001	6
Stephenville, Newfoundland and Labrador	26	92	92	0
Stony Rapids, Saskatchewan	30	930	930	0
Sydney, Nova Scotia	31	473	449	24
Tadoule Lake, Manitoba	..	45	..	..
Taloyoak, Nunavut	31	155	155	0
Tasiujaq, Quebec	..	126	126	0
Teslin, Yukon	2	5	5	0
The Pas, Manitoba	31	295	283	12
Thicket Portage, Manitoba	..	3	..	..
Tillsonburg, Ontario	..	581	229	352
Tofino, British Columbia	27	296	278	18
Trois-Rivières, Quebec	28	1,232	704	528
Umiujaq, Quebec	..	196	196	0
Waskaganish, Quebec	13	136	130	6
Watson Lake, Yukon	26	130	130	0
Welland/Niagara Central, Ontario	27	1,254	74	1,180
Wemindji, Quebec	17	99	99	0
Whale Cove, Nunavut	23	117	117	0
York Landing, Manitoba	..	23	..	..
Yorkton Municipal, Saskatchewan	30	607	381	226
Total (132)	31	52,360	41,186	8,673

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	6	0	0	0	0	0	0	0
Akulivik, Quebec	153	.	.	.	.	.	.	.	.
Amos Municipal, Quebec	116	65	0	46	0	0	1	4	0
Arctic Bay, Nunavut	56	56	0	0	0	0	0	0	0
Arviat, Nunavut	210	207	0	3	0	0	0	0	0
Aupaluk, Quebec	62	.	.	.	.	.	.	.	.
Baie-Comeau, Quebec	983	793	18	96	0	0	0	74	2
Baker Lake, Nunavut	509	437	63	7	0	0	0	2	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	561	198	25	250	4	0	19	51	14
Bathurst, New Brunswick	267	199	0	25	15	4	10	12	2
Beaver Creek, Yukon	8	0	0	3	0	0	1	4	0
Bromont, Quebec	449	57	100	269	1	0	10	0	12
Buffalo Narrows, Saskatchewan	576	506	39	15	0	0	0	16	0
Burwash, Yukon	23	20	0	0	1	0	2	0	0
Cambridge Bay, Nunavut	440	417	0	1	0	0	0	6	16
Cape Dorset, Nunavut	81	79	1	0	0	0	0	1	0
Charlo, New Brunswick	214	46	138	25	0	0	1	2	2
Chesterfield Inlet, Nunavut	127	125	0	0	2	0	0	0	0
Chevery, Quebec	284	274	8	2	0	0	0	0	0
Chibougamau/Chapais, Quebec	534	446	32	52	0	0	0	4	0
Clyde River, Nunavut	128	126	1	1	0	0	0	0	0
Collingwood, Ontario	646	57	59	526	0	0	0	0	4
Comox, British Columbia	1,667	1,068	3	0	23	2	1	28	542
Coral Harbour, Nunavut	170	166	0	2	0	0	0	2	0
Dauphin, Manitoba	263	98	45	28	0	0	0	55	37
Dawson, Yukon	389	259	14	104	0	0	6	6	0
Dawson Creek, British Columbia	373	282	2	79	0	0	0	4	6
Déline, Northwest Territories	150	144	0	0	0	0	0	6	0
Digby, Nova Scotia	33	4	0	29	0	0	0	0	0
Drummondville, Quebec	330	88	47	170	0	1	2	4	18
Dryden Regional, Ontario	814	619	69	47	0	0	0	65	14
Eastmain River, Quebec	111	109	0	0	0	0	0	0	2
Elliot Lake Municipal, Ontario	312	187	100	17	0	0	0	8	0
Eureka, Nunavut	36	36	0	0	0	0	0	0	0
Faro, Yukon	51	49	0	1	0	0	0	1	0
Flin Flon, Manitoba	474	431	0	21	0	0	0	22	0
Fort Frances Municipal, Ontario	411	381	1	14	0	1	4	10	0
Fort Liard, Northwest Territories	33	31	0	0	0	0	0	2	0
Fort McPherson, Northwest Territories	62	60	0	0	0	0	0	2	0
Fort Resolution, Northwest Territories	19	15	0	0	0	0	0	2	2
Fort Simpson, Northwest Territories	161	157	2	2	0	0	0	0	0
Fort Smith, Northwest Territories	441	410	0	16	0	0	0	9	6
Gamèti/Rae Lakes, Northwest Territories	101	101	0	0	0	0	0	0	0
Gaspé, Quebec	340	274	2	8	0	0	0	56	0
Geraldton, Ontario	117	76	8	13	0	0	0	19	1
Gillam, Manitoba	252	246	0	0	0	0	0	6	0
Gjoa Haven, Nunavut	143	133	2	0	0	0	0	0	8
Goose Bay, Newfoundland and Labrador	2,772	2,238	15	52	122	37	173	73	62
Grise Fiord, Nunavut	28	28	0	0	0	0	0	0	0
Hall Beach, Nunavut	156	144	6	2	0	0	0	4	0
Havre St-Pierre, Quebec	343	285	2	19	0	0	0	37	0
Hay River, Northwest Territories	453	430	0	5	0	0	0	14	4
Hearst/René Fontaine Municipal, Ontario	102	72	0	14	0	0	0	16	0
Igloolik, Nunavut	129	107	5	3	0	0	0	12	2
Inukjuak, Quebec	261	.	.	.	.	.	.	.	.
Island Lake, Manitoba	1,327	1,301	0	12	0	0	0	14	0
Ivujivik, Quebec	164	.	.	.	.	.	.	.	.
Kangiqsualujuaq, Quebec	169	.	.	.	.	.	.	.	.
Kangirsuk, Quebec	126	.	.	.	.	.	.	.	.
Kapuskasing, Ontario	339	320	11	2	0	0	0	6	0
Kimirut, Nunavut	46	42	0	0	0	0	0	4	0
Kugaaruk, Nunavut	115	109	2	0	0	0	0	2	2
Kuujuarapik, Quebec	526	518	2	4	0	0	0	2	0
Louderes-de-Blanc-Sablon, Quebec	524	468	25	6	0	0	0	10	15
Lutselk'e, Northwest Territories	137	132	1	1	0	0	0	2	1
Mayo, Yukon	154	89	2	57	0	0	0	6	0
Miramichi, New Brunswick	306	267	2	21	1	0	3	8	4

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							
Moosonee, Ontario	3,187	3,080	1	54	0	0	0	52	0
Muskoka, Ontario	847	314	93	326	5	0	7	86	16
Nakina, Ontario	644	634	4	0	0	0	0	6	0
Natashquan, Quebec	285	261	0	20	0	0	0	4	0
Norway House, Manitoba	386	352	2	15	0	0	0	17	0
Old Crow, Yukon	147	145	0	0	0	0	0	2	0
Pabok, Quebec	32	2	0	1	0	0	0	29	0
Pangnirtung, Nunavut	190	180	8	0	0	0	0	2	0
Peterborough, Ontario	501	139	65	258	0	0	0	15	24
Pickle Lake, Ontario	1,416	1,366	17	28	0	0	0	5	0
Pond Inlet, Nunavut	76	65	5	1	0	0	0	4	1
Port-Menier, Quebec	150	149	0	1	0	0	0	0	0
Prince Rupert/Digby Island, British Columbia	52	52	0	0	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	920	758	0	27	4	0	4	123	4
Puvirnituq, Quebec	307	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	84	84	0	0	0	0	0	0	0
Quaqtaq, Quebec	146	.	.	.	.	.	.	.	.
Quesnel, British Columbia	347	205	12	124	0	0	0	4	2
Red Lake, Ontario	1,903	1,775	14	53	0	0	0	45	16
Repulse Bay, Nunavut	150	150	0	0	0	0	0	0	0
Resolute Bay, Nunavut	319	274	2	0	0	0	0	0	43
Rimouski, Quebec	358	73	20	182	0	0	0	10	73
Roberval, Quebec	222	95	53	72	0	0	0	2	0
Salluit, Quebec	207	.	.	.	.	.	.	.	.
Sandspit, British Columbia	182	150	0	0	0	0	0	32	0
Sherbrooke, Quebec	343	59	36	222	7	0	3	6	10
St. Anthony, Newfoundland and Labrador	392	267	10	0	0	0	0	115	0
St-Augustin, Quebec	151	143	0	6	2	0	0	0	0
St. Theresa Point, Manitoba	1,001	999	0	2	0	0	0	0	0
Stephenville, Newfoundland and Labrador	92	66	0	2	0	0	8	10	6
Stony Rapids, Saskatchewan	930	850	51	2	0	0	0	27	0
Sydney, Nova Scotia	449	405	0	8	1	0	0	20	15
Taloyoak, Nunavut	155	144	0	0	1	0	0	2	8
Tasiujaq, Quebec	126	.	.	.	.	.	.	.	.
Teslin, Yukon	5	0	0	3	0	0	0	2	0
The Pas, Manitoba	283	254	2	0	0	0	0	17	10
Tillsonburg, Ontario	229	..	..	..	..	..	..	..	..
Tofino, British Columbia	278	114	22	76	0	0	1	62	3
Trois-Rivières, Quebec	704	335	48	315	0	0	0	2	4
Umiujaq, Quebec	196	.	.	.	.	.	.	.	.
Waskaganish, Quebec	130	129	0	1	0	0	0	0	0
Watson Lake, Yukon	130	98	0	22	0	0	0	10	0
Welland/Niagara Central, Ontario	74	14	2	57	0	0	1	0	0
Wemindji, Quebec	99	96	0	3	0	0	0	0	0
Whale Cove, Nunavut	117	116	0	0	1	0	0	0	0
Yorkton Municipal, Saskatchewan	381	235	12	104	0	0	1	10	19
Total (113)	41,186	30,715	1,331	4,055	190	45	258	1,414	1,032

Table 2-2
Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Glinters
		Jet	Turbo	Piston		
		number				
Aklavik, Northwest Territories	6	0	6	0	0	0
Akulivik, Quebec	153	.	.	.	.	..
Amos Municipal, Quebec	116	4	60	48	4	0
Arctic Bay, Nunavut	56	0	56	0	0	0
Arviat, Nunavut	210	0	201	4	5	0
Aupaluk, Quebec	62	.	.	.	.	..
Baie-Comeau, Quebec	983	29	689	245	20	0
Baker Lake, Nunavut	509	0	375	129	5	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	561	19	127	327	88	0
Bathurst, New Brunswick	267	4	212	45	6	0
Beaver Creek, Yukon	8	2	4	2	0	0
Bromont, Quebec	449	5	9	405	30	0
Buffalo Narrows, Saskatchewan	576	7	481	88	0	0
Burwash, Yukon	23	0	2	8	13	0
Cambridge Bay, Nunavut	440	79	316	1	44	0
Cape Dorset, Nunavut	81	0	80	0	1	0
Charlo, New Brunswick	214	0	48	162	4	0
Chesterfield Inlet, Nunavut	127	0	127	0	0	0
Chevery, Quebec	284	0	272	4	8	0
Chibougamau/Chapais, Quebec	534	9	435	53	37	0
Clyde River, Nunavut	128	0	123	5	0	0
Collingwood, Ontario	646	4	16	594	30	2
Comox, British Columbia	1,667	246	949	197	223	52
Coral Harbour, Nunavut	170	0	167	3	0	0
Dauphin, Manitoba	263	12	153	94	4	0
Dawson, Yukon	389	0	242	47	99	1
Dawson Creek, British Columbia	373	0	263	75	35	0
Déline, Northwest Territories	150	0	107	42	1	0
Digby, Nova Scotia	33	0	0	31	2	0
Drummondville, Quebec	330	2	8	264	56	0
Dryden Regional, Ontario	814	13	483	229	89	0
Eastmain River, Quebec	111	0	109	2	0	0
Elliot Lake Municipal, Ontario	312	2	188	116	6	0
Eureka, Nunavut	36	0	20	16	0	0
Faro, Yukon	51	0	19	3	29	0
Flin Flon, Manitoba	474	4	400	35	35	0
Fort Frances Municipal, Ontario	411	0	270	102	39	0
Fort Liard, Northwest Territories	33	0	10	22	1	0
Fort McPherson, Northwest Territories	62	0	60	2	0	0
Fort Resolution, Northwest Territories	19	0	14	4	1	0
Fort Simpson, Northwest Territories	161	0	130	25	6	0
Fort Smith, Northwest Territories	441	0	315	100	26	0
Gaméti/Rae Lakes, Northwest Territories	101	0	85	2	14	0
Gaspé, Quebec	340	14	302	20	4	0
Geraldton, Ontario	117	2	87	14	14	0
Gillam, Manitoba	252	0	114	122	16	0
Gjoa Haven, Nunavut	143	0	131	9	3	0
Goose Bay, Newfoundland and Labrador	2,772	435	1,914	55	368	0
Grise Fiord, Nunavut	28	0	28	0	0	0
Hall Beach, Nunavut	156	0	123	0	33	0
Havre St-Pierre, Quebec	343	7	179	107	50	0
Hay River, Northwest Territories	453	1	285	149	18	0
Hearst/René Fontaine Municipal, Ontario	102	2	70	14	16	0
Igloodik, Nunavut	129	0	116	9	4	0
Inukjuak, Quebec	261	.	.	.	.	..
Island Lake, Manitoba	1,327	4	574	121	628	0
Ivujivik, Quebec	164	.	.	.	.	..
Kangiqsualujuaq, Quebec	169	.	.	.	.	..
Kangirsuk, Quebec	126	.	.	.	.	..
Kapuskasing, Ontario	339	0	319	10	10	0
Kimmirut, Nunavut	46	0	44	0	2	0
Kugaaruk, Nunavut	115	6	107	2	0	0
Kuujuarapik, Quebec	526	4	506	4	12	0
Louder-de-Blanc-Sablon, Quebec	524	0	464	46	14	0
Lutselk'e, Northwest Territories	137	0	102	34	0	1
Mayo, Yukon	154	0	18	37	99	0
Miramichi, New Brunswick	306	18	133	137	18	0
Moosonee, Ontario	3,187	0	872	195	2,120	0

Table 2-2 – continued

Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Muskoka, Ontario	847	8	239	486	114	0
Nakina, Ontario	644	0	519	16	109	0
Natashquan, Quebec	285	0	174	49	62	0
Norway House, Manitoba	386	0	312	33	41	0
Old Crow, Yukon	147	0	142	0	5	0
Pabok, Quebec	32	5	26	1	0	0
Pangnirtung, Nunavut	190	0	188	2	0	0
Peterborough, Ontario	501	26	58	389	28	0
Pickle Lake, Ontario	1,416	0	1,266	56	94	0
Pond Inlet, Nunavut	76	0	74	2	0	0
Port-Menier, Quebec	150	0	27	123	0	0
Prince Rupert/Digby Island, British Columbia	52	0	0	52	0	0
Prince Rupert/Seal Cove, British Columbia	920	0	49	669	202	0
Puvirnituq, Quebec	307	.	.	.	.	..
Qikiqtarjuaq, Nunavut	84	0	82	0	2	0
Quaqtaq, Quebec	146	.	.	.	.	..
Quesnel, British Columbia	347	17	180	128	22	0
Red Lake, Ontario	1,903	0	1,310	459	134	0
Repulse Bay, Nunavut	150	1	147	2	0	0
Resolute Bay, Nunavut	319	6	251	62	0	0
Rimouski, Quebec	358	2	55	206	95	0
Roberval, Quebec	222	0	82	121	19	0
Salluit, Quebec	207	.	.	.	.	..
Sandspit, British Columbia	182	4	116	0	62	0
Sherbrooke, Quebec	343	8	6	306	23	0
St. Anthony, Newfoundland and Labrador	392	3	287	0	102	0
St-Augustin, Quebec	151	0	147	4	0	0
St. Theresa Point, Manitoba	1,001	0	298	97	606	0
Stephenville, Newfoundland and Labrador	92	10	58	10	14	0
Stony Rapids, Saskatchewan	930	0	519	156	255	0
Sydney, Nova Scotia	449	36	349	26	38	0
Taloyoak, Nunavut	155	0	141	14	0	0
Tasiujaq, Quebec	126	.	.	.	.	..
Teslin, Yukon	5	0	2	3	0	0
The Pas, Manitoba	283	10	212	54	7	0
Tillsonburg, Ontario	229	..	..	..	..	..
Tofino, British Columbia	278	8	24	126	120	0
Trois-Rivières, Quebec	704	20	17	616	50	1
Umiujaq, Quebec	196	.	.	.	.	..
Waskaganish, Quebec	130	0	117	13	0	0
Watson Lake, Yukon	130	0	69	25	36	0
Welland/Niagara Central, Ontario	74	2	2	70	0	0
Wemindji, Quebec	99	0	95	2	2	0
Whale Cove, Nunavut	117	0	116	0	1	0
Yorkton Municipal, Saskatchewan	381	12	89	226	54	0
Total (113)	41,186	1,112	21,964	9,220	6,687	57

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	153	.	..	..	.	.	.	.
Amos Municipal, Quebec	116	52	0	56	4	0	4	0
Arctic Bay, Nunavut	56	0	0	9	1	1	45	0
Arviat, Nunavut	210	9	0	14	0	64	123	0
Aupaluk, Quebec	62	.	..	..	.	.	.	.
Baie-Comeau, Quebec	983	74	192	396	59	150	112	0
Baker Lake, Nunavut	509	12	184	33	2	40	238	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	561	357	46	137	17	2	2	0
Bathurst, New Brunswick	267	39	52	58	4	102	12	0
Beaver Creek, Yukon	8	2	0	4	0	0	2	0
Bromont, Quebec	449	404	27	13	0	5	0	0
Buffalo Narrows, Saskatchewan	576	67	21	352	135	0	0	1
Burwash, Yukon	23	21	0	2	0	0	0	0
Cambridge Bay, Nunavut	440	1	0	176	43	56	98	66
Cape Dorset, Nunavut	81	1	0	10	0	70	0	0
Charlo, New Brunswick	214	162	0	52	0	0	0	0
Chesterfield Inlet, Nunavut	127	0	0	5	0	14	108	0
Chevery, Quebec	284	9	2	125	148	0	0	0
Chibougamau/Chapais, Quebec	534	80	35	204	43	142	30	0
Clyde River, Nunavut	128	1	0	17	0	54	56	0
Collingwood, Ontario	646	590	42	8	2	0	4	0
Comox, British Columbia	1,667	168	104	67	555	350	129	294
Coral Harbour, Nunavut	170	3	0	5	2	57	103	0
Dauphin, Manitoba	263	97	1	131	12	22	0	0
Dawson, Yukon	389	145	15	126	2	0	101	0
Dawson Creek, British Columbia	373	107	3	39	118	67	39	0
Déline, Northwest Territories	150	18	40	33	39	0	20	0
Digby, Nova Scotia	33	15	18	0	0	0	0	0
Drummondville, Quebec	330	288	18	20	2	0	2	0
Dryden Regional, Ontario	814	234	100	445	4	10	14	7
Eastmain River, Quebec	111	0	2	15	20	74	0	0
Elliot Lake Municipal, Ontario	312	117	1	180	4	4	4	2
Eureka, Nunavut	36	0	0	16	4	16	0	0
Faro, Yukon	51	32	0	11	8	0	0	0
Flin Flon, Manitoba	474	52	26	287	4	97	8	0
Fort Frances Municipal, Ontario	411	51	84	276	0	0	0	0
Fort Liard, Northwest Territories	33	7	21	5	0	0	0	0
Fort McPherson, Northwest Territories	62	2	0	8	0	0	52	0
Fort Resolution, Northwest Territories	19	1	4	6	0	0	8	0
Fort Simpson, Northwest Territories	161	29	50	20	32	0	30	0
Fort Smith, Northwest Territories	441	120	1	63	257	0	0	0
Gamèti/Rae Lakes, Northwest Territories	101	14	57	28	0	0	2	0
Gaspé, Quebec	340	16	6	21	2	277	18	0
Geraldton, Ontario	117	23	18	74	0	0	0	2
Gillam, Manitoba	252	33	107	22	2	86	2	0
Gjoa Haven, Nunavut	143	2	0	39	0	55	47	0
Goose Bay, Newfoundland and Labrador	2,772	286	109	998	541	447	338	53
Grise Fiord, Nunavut	28	0	0	28	0	0	0	0
Hall Beach, Nunavut	156	0	0	63	0	67	26	0
Havre St-Pierre, Quebec	343	51	104	66	43	24	55	0
Hay River, Northwest Territories	453	50	26	78	105	98	96	0
Hearst/René Fontaine Municipal, Ontario	102	9	19	70	4	0	0	0
Igloodlik, Nunavut	129	0	1	41	0	50	37	0
Inukjuak, Quebec	261	.	..	..	.	.	.	.
Island Lake, Manitoba	1,327	713	38	448	6	83	39	0
Ivujivik, Quebec	164	.	..	..	.	.	.	.
Kangiqsualujuaq, Quebec	169	.	..	..	.	.	.	.
Kangirsuk, Quebec	126	.	..	..	.	.	.	.
Kapuskasing, Ontario	339	14	6	268	8	9	34	0
Kimmirut, Nunavut	46	2	0	44	0	0	0	0
Kugaaruk, Nunavut	115	0	0	37	0	49	23	6
Kuujuarapik, Quebec	526	16	2	220	8	114	164	2
Louderes-de-Blanc-Sablon, Quebec	524	15	43	266	104	96	0	0
Lutsel'e, Northwest Territories	137	8	87	36	2	0	4	0
Mayo, Yukon	154	120	16	8	2	0	8	0
Miramichi, New Brunswick	306	139	90	37	4	22	12	2

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	
Moosonee, Ontario	3,187	2,160	119	576	165	115	52	0
Muskoka, Ontario	847	497	66	193	40	32	7	12
Nakina, Ontario	644	98	419	115	12	0	0	0
Natashquan, Quebec	285	70	39	102	73	0	1	0
Norway House, Manitoba	386	22	15	347	2	0	0	0
Old Crow, Yukon	147	5	0	4	2	0	136	0
Pabok, Quebec	32	0	1	4	0	22	5	0
Pangnirtung, Nunavut	190	0	0	34	0	77	79	0
Peterborough, Ontario	501	375	44	30	21	8	2	21
Pickle Lake, Ontario	1,416	99	688	171	127	0	331	0
Pond Inlet, Nunavut	76	1	0	28	1	23	23	0
Port-Menier, Quebec	150	0	123	27	0	0	0	0
Prince Rupert/Digby Island, British Columbia	52	0	52	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	920	70	748	98	0	4	0	0
Puvirnituq, Quebec	307	.	..	..	.	.	.	.
Qikiqtarjuaq, Nunavut	84	0	0	8	6	35	35	0
Quaqtaq, Quebec	146	.	..	..	.	.	.	.
Quesnel, British Columbia	347	146	4	0	195	0	2	0
Red Lake, Ontario	1,903	376	686	549	184	18	80	10
Repulse Bay, Nunavut	150	0	0	29	0	65	56	0
Resolute Bay, Nunavut	319	0	0	178	10	60	49	22
Rimouski, Quebec	358	162	62	130	0	2	2	0
Roberval, Quebec	222	121	25	76	0	0	0	0
Salluit, Quebec	207	.	..	..	.	.	.	.
Sandspit, British Columbia	182	40	22	50	10	60	0	0
Sherbrooke, Quebec	343	306	15	17	4	0	0	1
St. Anthony, Newfoundland and Labrador	392	16	78	137	29	125	7	0
St-Augustin, Quebec	151	4	0	37	110	0	0	0
St. Theresa Point, Manitoba	1,001	686	17	148	0	134	16	0
Stephenville, Newfoundland and Labrador	92	9	11	6	8	52	2	4
Stony Rapids, Saskatchewan	930	257	179	284	127	83	0	0
Sydney, Nova Scotia	449	26	64	30	4	282	16	27
Taloyoak, Nunavut	155	0	0	33	0	76	46	0
Tasiujaq, Quebec	126	.	..	..	.	.	.	.
Teslin, Yukon	5	3	0	2	0	0	0	0
The Pas, Manitoba	283	17	44	115	10	84	7	6
Tillsonburg, Ontario	229	..	..	..	..	..	..	..
Tofino, British Columbia	278	128	91	43	9	2	4	1
Trois-Rivières, Quebec	704	605	60	8	17	3	6	5
Umiujaq, Quebec	196	.	..	..	.	.	.	.
Waskaganish, Quebec	130	12	1	23	8	86	0	0
Watson Lake, Yukon	130	45	8	22	55	0	0	0
Welland/Niagara Central, Ontario	74	56	14	2	0	0	2	0
Wemindji, Quebec	99	2	2	18	21	56	0	0
Whale Cove, Nunavut	117	0	1	6	2	107	1	0
Yorkton Municipal, Saskatchewan	381	209	57	95	16	0	2	2
Total (113)	41,186	11,501	5,573	10,097	3,620	4,485	3,218	546

Table 3
Local movements by type of operation

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	290	290	0
Baie-Comeau, Quebec	6	6	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	1,268	1,268	0
Buffalo Narrows, Saskatchewan	14	14	0
Cambridge Bay, Nunavut	12	12	0
Chibougamau/Chapais, Quebec	16	16	0
Collingwood, Ontario	173	167	6
Dauphin, Manitoba	10	10	0
Dawson Creek, British Columbia	26	26	0
Digby, Nova Scotia	45	45	0
Drummondville, Quebec	264	264	0
Dryden Regional, Ontario	117	101	16
Elliot Lake Municipal, Ontario	92	92	0
Flin Flon, Manitoba	8	8	0
Gaspé, Quebec	6	6	0
Geraldton, Ontario	10	10	0
Hay River, Northwest Territories	18	18	0
Island Lake, Manitoba	6	6	0
Kapuskasing, Ontario	88	88	0
Kuujuaupik, Quebec	6	6	0
Lourdes-de-Blanc-Sablon, Quebec	36	36	0
Mayo, Yukon	2	2	0
Moosonee, Ontario	8	8	0
Muskoka, Ontario	290	278	12
Peterborough, Ontario	2,144	2,140	4
Pickle Lake, Ontario	40	40	0
Quesnel, British Columbia	70	70	0
Red Lake, Ontario	352	288	64
Rimouski, Quebec	48	32	16
Roberval, Quebec	30	30	0
Salluit, Quebec	18	.	.
Sherbrooke, Quebec	784	784	0
St. Anthony, Newfoundland and Labrador	24	24	0
St. Theresa Point, Manitoba	6	6	0
Sydney, Nova Scotia	24	20	4
The Pas, Manitoba	12	12	0
Tillsonburg, Ontario	352	..	..
Tofino, British Columbia	18	8	10
Trois-Rivières, Quebec	528	528	0
Waskaganish, Quebec	6	6	0
Welland/Niagara Central, Ontario	1,180	1,180	0
Yorkton Municipal, Saskatchewan	226	226	0
Total (42)	8,673	8,171	132

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, 2011 but were not available in March, 2012:

1. Fort Good Hope, Northwest Territories
2. Guelph, Ontario
3. Kugluktuk, Nunavut
4. Paulatuk, Northwest Territories
5. Sanikiluaq, Nunavut
6. Tuktoyaktuk, Northwest Territories
7. Tulita, Northwest Territories
8. Ulukhakot/Holman, Northwest Territories

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

1. Aklavik, Northwest Territories
2. Fort Smith, 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.