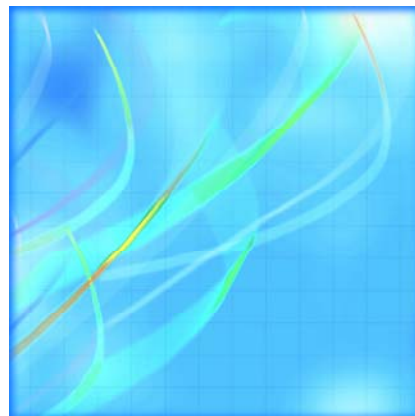


Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



November 2013



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

November 2013

Published by authority of the Minister responsible for Statistics Canada

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

February 2014

Catalogue no. 51-008-X

ISSN 1911-6330

Frequency: Monthly

Ottawa

Cette publication est également disponible en français.

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Symbols

The following standard symbols are used in Statistics Canada publications:

- . not available for any reference period
- .. not available for a specific reference period
- ... not applicable
- 0 true zero or a value rounded to zero
- 0s value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
- p preliminary
- r revised
- x suppressed to meet the confidentiality requirements of the *Statistics Act*
- E use with caution
- F too unreliable to be published
- * significantly different from reference category ($p < 0.05$)

Acknowledgments

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

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

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

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Highlights

Moosonee, Ontario (4,052 movements) reported the greatest number of itinerant movements in November 2013.

In November 2013, Peterborough, Ontario (986 movements) reported the largest number of local movements.

Analysis

In November 2013, the number of take-offs and landings for 131 airports without air traffic control towers reached 46,286 movements. Moosonee, Ontario (4,074 movements) and Goose Bay, Newfoundland and Labrador (2,382 movements) were the most active sites. Of the 127 airports for which year-over-year comparisons were possible, 82 airports reported decreases.

There were 38,446 itinerant movements (flights from one airport to another) recorded by 112 airports without air traffic control towers in November 2013. Moosonee, Ontario (4,052 movements) reported the greatest number of itinerant movements in November 2013.

Forty-one airports without air traffic control towers reported 5,095 local movements (flights that remain in the vicinity of the airport) in November 2013. Peterborough, Ontario, the most active site, recorded 986 take-offs and landings, down 59.6% from November 2012.

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
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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		
Akulivik, Quebec	.	152	152	0
Amos Municipal, Quebec	30	147	76	71
Arctic Bay, Nunavut	15	49	49	0
Arviat, Nunavut	28	227	227	0
Aupaluk, Quebec	.	115	115	0
Baie-Comeau, Quebec	30	724	680	44
Baker Lake, Nunavut	30	291	291	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	30	1,460	478	982
Bathurst, New Brunswick	30	295	295	0
Beaver Creek, Yukon	1	2	2	0
Berens River, Manitoba	..	290	..	..
Bloodvein River, Manitoba	..	288	..	..
Brochet, Manitoba	..	84	..	..
Buffalo Narrows, Saskatchewan	27	531	531	0
Cambridge Bay, Nunavut	30	295	291	4
Cape Dorset, Nunavut	18	76	76	0
Charlo, New Brunswick	25	234	234	0
Chesterfield Inlet, Nunavut	27	167	167	0
Chevery, Quebec	21	214	214	0
Chibougamau/Chapais, Quebec	30	530	526	4
Clyde River, Nunavut	21	102	102	0
Collingwood, Ontario	30	577	451	126
Comox, British Columbia	30	1,508	1,508	0
Coral Harbour, Nunavut	30	170	170	0
Cross Lake, Manitoba	..	129	..	..
Dauphin, Manitoba	25	251	148	103
Dawson, Yukon	29	213	213	0
Dawson Creek, British Columbia	30	381	371	10
Déline, Northwest Territories	27	157	157	0
Digby, Nova Scotia	13	75	23	52
Drummondville, Quebec	30	587	343	244
Dryden Regional, Ontario	30	701	623	78
Eastmain River, Quebec	25	107	107	0
Elliot Lake Municipal, Ontario	30	228	214	14
Eureka, Nunavut	2	2	2	0
Faro, Yukon	20	68	68	0
Flin Flon, Manitoba	30	343	329	14
Fort Frances Municipal, Ontario	30	350	350	0
Fort Liard, Northwest Territories	17	126	126	0
Fort McPherson, Northwest Territories	18	81	81	0
Fort Resolution, Northwest Territories	4	12	12	0
Fort Simpson, Northwest Territories	30	231	231	0
Fort Smith, Northwest Territories	29	287	287	0
Gamëti/Rae Lakes, Northwest Territories	25	103	103	0
Gaspé, Quebec	30	308	306	2
Geraldton, Ontario	23	79	79	0
Gillam, Manitoba	29	171	171	0
Gjoa Haven, Nunavut	17	50	50	0
Gods Lake Narrows, Manitoba	..	191	..	..
Gods River, Manitoba	..	86	..	..
Goose Bay, Newfoundland and Labrador	30	2,382	2,382	0
Grise Fiord, Nunavut	17	56	56	0
Hall Beach, Nunavut	30	170	170	0
Havre St-Pierre, Quebec	28	448	446	2
Hay River, Northwest Territories	30	439	434	5
Hearst/René Fontaine Municipal, Ontario	23	121	121	0
Igloolik, Nunavut	29	138	138	0
Ilford, Manitoba	..	22	..	..
Inukjuak, Quebec	.	208	208	0
Island Lake, Manitoba	30	1,414	1,410	4
Ivujivik, Quebec	.	116	116	0
Kangiqsualujuaq, Quebec	.	103	103	0
Kangiqsujuaq, Quebec	.	436	429	7
Kangirsuk, Quebec	.	165	165	0
Kapuskasing, Ontario	30	299	289	10
Kugaaruk, Nunavut	26	79	79	0
Kugluktuk, Nunavut	29	218	218	0

See notes at the end of the table.

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	468	466	2
Lac Brochet, Manitoba	..	100	..	..
Little Grand Rapids, Manitoba	..	612	..	..
Lourdes-de-Blanc-Sablon, Quebec	27	402	394	8
Mayo, Yukon	18	42	42	0
Miramichi, New Brunswick	28	346	346	0
Moosonee, Ontario	30	4,074	4,052	22
Muskoka, Ontario	29	960	554	406
Nakina, Ontario	29	403	403	0
Natashquan, Quebec	21	154	154	0
Norway House, Manitoba	30	272	270	2
Old Crow, Yukon	25	56	56	0
Oxford House, Manitoba	..	198	..	..
Pabok, Quebec	11	24	24	0
Pangnirtung, Nunavut	26	146	146	0
Peterborough, Ontario	30	1,664	678	986
Pickle Lake, Ontario	30	1,429	1,389	40
Pikwitonei, Manitoba	..	2	..	..
Pond Inlet, Nunavut	20	73	73	0
Poplar River, Manitoba	..	206	..	..
Port-Menier, Quebec	28	267	267	0
Prince Rupert/Digby Island, British Columbia	9	26	26	0
Prince Rupert/Seal Cove, British Columbia	30	588	588	0
Pukatawagan, Manitoba	..	136	..	..
Puvirnituq, Quebec	..	576	566	10
Qikiqtarjuaq, Nunavut	19	61	61	0
Quaqtaq, Quebec	..	157	157	0
Quesnel, British Columbia	29	390	312	78
Red Lake, Ontario	30	2,015	1,987	28
Red Sucker Lake, Manitoba	..	122	..	..
Repulse Bay, Nunavut	28	126	124	2
Resolute Bay, Nunavut	28	112	112	0
Rimouski, Quebec	25	241	177	64
Roberval, Quebec	24	251	133	118
Salluit, Quebec	..	171	171	0
Sandspit, British Columbia	29	133	129	4
Sanikiluaq, Nunavut	19	115	115	0
Shamattawa, Manitoba	..	146	..	..
Sherbrooke, Quebec	24	630	278	352
South Indian Lake, Manitoba	..	54	..	..
St. Anthony, Newfoundland and Labrador	29	271	271	0
St-Augustin, Quebec	20	143	143	0
St. Theresa Point, Manitoba	30	1,905	1,885	20
Stephenville, Newfoundland and Labrador	23	98	98	0
Stony Rapids, Saskatchewan	24	598	598	0
Sydney, Nova Scotia	30	487	487	0
Tadoule Lake, Manitoba	..	26	..	..
Taloyoak, Nunavut	29	140	140	0
Tasiujaq, Quebec	..	106	106	0
Teslin, Yukon	7	31	31	0
The Pas, Manitoba	30	233	221	12
Thicket Portage, Manitoba	..	5	..	..
Tillsonburg, Ontario	..	522	279	243
Tofino, British Columbia	28	354	292	62
Trois-Rivières, Quebec	30	1,244	552	692
Tulita, Northwest Territories	18	177	177	0
Umiujaq, Quebec	..	168	168	0
Waskaganish, Quebec	18	142	138	4
Watson Lake, Yukon	27	125	125	0
Wemindji, Quebec	15	97	97	0
Whale Cove, Nunavut	19	85	85	0
Wrigley, Northwest Territories	16	123	123	0
York Landing, Manitoba	..	48	..	..
Yorkton Municipal, Saskatchewan	30	551	387	164
Total (131)	30	46,286¹	38,446	5,095

1. Total, itinerant and local movements: The value may not equal the sum of total itinerant and local movements. This is due to some airports reporting only aggregated data (total itinerant plus local movements) rather than the two components. See Appendix I, Factors influencing the data.

Table 2-1
Itinerant movements by class and type of operation

	Total itinerant movements	Domestic			International			Government	
		Carrier	Other commercial	Private	Carrier	Other commercial	Private	Civil	Military
		number							
Akulivik, Quebec	152	.	.	.	.	.	.	.	.
Amos Municipal, Quebec	76	35	8	28	1	0	0	4	0
Arctic Bay, Nunavut	49	46	0	0	3	0	0	0	0
Arviat, Nunavut	227	218	5	2	0	0	0	2	0
Aupaluk, Quebec	115	.	.	.	.	.	.	.	.
Baie-Comeau, Quebec	680	558	2	36	0	0	0	78	6
Baker Lake, Nunavut	291	259	9	8	0	0	0	6	9
Barrie-Orillia-Lake Simcoe Regional, Ontario	478	202	27	169	4	7	7	50	12
Bathurst, New Brunswick	295	265	0	25	1	0	0	4	0
Beaver Creek, Yukon	2	2	0	0	0	0	0	0	0
Buffalo Narrows, Saskatchewan	531	506	3	0	0	0	0	22	0
Cambridge Bay, Nunavut	291	261	0	2	0	0	0	6	22
Cape Dorset, Nunavut	76	66	0	2	0	0	0	8	0
Charlo, New Brunswick	234	96	86	48	0	0	0	2	2
Chesterfield Inlet, Nunavut	167	165	2	0	0	0	0	0	0
Chevery, Quebec	214	212	2	0	0	0	0	0	0
Chibougamau/Chapais, Quebec	526	473	14	34	0	0	1	4	0
Clyde River, Nunavut	102	101	0	0	1	0	0	0	0
Collingwood, Ontario	451	44	47	345	0	0	0	11	4
Comox, British Columbia	1,508	1,029	0	0	12	2	0	34	431
Coral Harbour, Nunavut	170	156	4	4	2	0	0	2	2
Dauphin, Manitoba	148	75	6	20	0	0	1	44	2
Dawson, Yukon	213	160	0	47	0	0	2	4	0
Dawson Creek, British Columbia	371	308	0	57	0	0	0	6	0
Déline, Northwest Territories	157	153	0	0	0	0	0	4	0
Digby, Nova Scotia	23	2	0	18	0	0	1	2	0
Drummondville, Quebec	343	74	31	230	0	0	0	0	8
Dryden Regional, Ontario	623	473	78	35	3	0	1	23	10
Eastmain River, Quebec	107	105	0	0	0	0	0	0	2
Elliot Lake Municipal, Ontario	214	170	14	23	0	0	1	0	6
Eureka, Nunavut	2	2	0	0	0	0	0	0	0
Faro, Yukon	68	64	2	0	0	0	0	2	0
Flin Flon, Manitoba	329	312	1	2	0	0	0	14	0
Fort Frances Municipal, Ontario	350	314	8	15	0	0	7	4	2
Fort Liard, Northwest Territories	126	121	0	1	0	0	0	4	0
Fort McPherson, Northwest Territories	81	75	0	0	0	0	0	6	0
Fort Resolution, Northwest Territories	12	12	0	0	0	0	0	0	0
Fort Simpson, Northwest Territories	231	217	0	0	0	0	0	12	2
Fort Smith, Northwest Territories	287	277	2	0	0	0	0	8	0
Gamëti/Rae Lakes, Northwest Territories	103	97	0	0	0	0	0	6	0
Gaspé, Quebec	306	260	0	0	0	0	0	44	2
Geraldton, Ontario	79	59	2	6	0	0	0	12	0
Gillam, Manitoba	171	163	0	0	0	0	0	8	0
Gjoa Haven, Nunavut	50	50	0	0	0	0	0	0	0
Goose Bay, Newfoundland and Labrador	2,382	1,813	8	51	109	26	108	138	129
Grise Fiord, Nunavut	56	56	0	0	0	0	0	0	0
Hall Beach, Nunavut	170	162	0	6	0	0	0	0	2
Havre St-Pierre, Quebec	446	403	0	16	0	0	0	27	0
Hay River, Northwest Territories	434	413	0	8	0	0	0	13	0
Hearst/René Fontaine Municipal, Ontario	121	119	0	2	0	0	0	0	0
Igloolik, Nunavut	138	125	1	12	0	0	0	0	0
Inukjuak, Quebec	208	.	.	.	.	.	.	.	.
Island Lake, Manitoba	1,410	1,374	2	10	0	0	0	24	0
Ivujivik, Quebec	116	.	.	.	.	.	.	.	.
Kangiqsualujuaq, Quebec	103	.	.	.	.	.	.	.	.
Kangiqsujuaq, Quebec	429	.	.	.	.	.	.	.	.
Kangirsuk, Quebec	165	.	.	.	.	.	.	.	.
Kapuskasing, Ontario	289	244	12	7	0	0	0	0	26
Kugaaruk, Nunavut	79	77	0	0	0	0	0	2	0
Kugluktuk, Nunavut	218	208	0	2	0	0	0	4	4
Kuujuarapik, Quebec	466	450	0	12	0	0	0	4	0
Louderes-de-Blanc-Sablon, Quebec	394	369	1	4	0	0	0	20	0
Mayo, Yukon	42	38	0	0	0	0	0	3	1
Miramichi, New Brunswick	346	264	6	47	4	0	3	16	6
Moosonee, Ontario	4,052	4,023	1	15	0	0	0	13	0
Muskoka, Ontario	554	233	28	217	8	0	6	55	7
Nakina, Ontario	403	394	2	0	0	0	0	7	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							
Natashquan, Quebec	154	141	0	5	0	0	0	8	0
Norway House, Manitoba	270	242	0	5	0	0	0	23	0
Old Crow, Yukon	56	50	0	0	0	0	0	6	0
Pabok, Quebec	24	2	0	0	0	0	0	22	0
Pangnirtung, Nunavut	146	140	0	0	0	0	0	4	2
Peterborough, Ontario	678	135	81	426	0	0	0	22	14
Pickle Lake, Ontario	1,389	1,326	26	16	0	0	0	21	0
Pond Inlet, Nunavut	73	70	0	2	0	0	0	0	1
Port-Menier, Quebec	267	251	0	16	0	0	0	0	0
Prince Rupert/Digby Island, British Columbia	26	26	0	0	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	588	459	0	21	0	0	0	108	0
Puvirnituq, Quebec	566	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	61	59	0	0	0	0	0	0	2
Quaqtaq, Quebec	157	.	.	.	.	.	.	.	.
Quesnel, British Columbia	312	210	20	76	0	0	0	3	3
Red Lake, Ontario	1,987	1,875	68	26	0	0	0	18	0
Repulse Bay, Nunavut	124	111	3	0	0	0	0	4	6
Resolute Bay, Nunavut	112	98	0	10	0	0	0	0	4
Rimouski, Quebec	177	79	8	80	0	0	0	8	2
Roberval, Quebec	133	43	10	78	0	0	0	2	0
Salluit, Quebec	171	.	.	.	.	.	.	.	.
Sandspit, British Columbia	129	123	0	0	0	0	0	6	0
Sanikiluaq, Nunavut	115	108	0	5	0	0	0	2	0
Sherbrooke, Quebec	278	58	17	183	2	0	8	0	10
St. Anthony, Newfoundland and Labrador	271	200	0	29	0	0	0	40	2
St-Augustin, Quebec	143	135	8	0	0	0	0	0	0
St. Theresa Point, Manitoba	1,885	1,875	2	6	0	0	0	2	0
Stephenville, Newfoundland and Labrador	98	57	0	0	8	0	0	26	7
Stony Rapids, Saskatchewan	598	571	1	7	0	0	0	17	2
Sydney, Nova Scotia	487	446	2	21	2	0	4	8	4
Taloyoak, Nunavut	140	136	0	0	0	0	0	0	4
Tasiujaq, Quebec	106	.	.	.	.	.	.	.	.
Teslin, Yukon	31	31	0	0	0	0	0	0	0
The Pas, Manitoba	221	209	0	0	0	0	0	12	0
Tillsonburg, Ontario	279	..	..	..	..	..	..	..	..
Tofino, British Columbia	292	194	8	43	1	0	0	42	4
Trois-Rivières, Quebec	552	202	85	252	0	0	0	8	5
Tulita, Northwest Territories	177	159	0	4	0	0	0	14	0
Umiujaq, Quebec	168	.	.	.	.	.	.	.	.
Waskaganish, Quebec	138	136	0	2	0	0	0	0	0
Watson Lake, Yukon	125	94	0	19	0	0	0	12	0
Wemindji, Quebec	97	96	0	1	0	0	0	0	0
Whale Cove, Nunavut	85	85	0	0	0	0	0	0	0
Wrigley, Northwest Territories	123	119	0	0	0	0	0	4	0
Yorkton Municipal, Saskatchewan	387	239	17	93	1	0	0	15	22
Total (112)	38,446	29,592	770	2,992	162	35	150	1,219	791

Table 2-2
Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Akulivik, Quebec	152	.	.	.	.	..
Amos Municipal, Quebec	76	4	34	34	4	0
Arctic Bay, Nunavut	49	0	49	0	0	0
Arviat, Nunavut	227	0	221	6	0	0
Aupaluk, Quebec	115	.	.	.	.	..
Baie-Comeau, Quebec	680	36	502	44	98	0
Baker Lake, Nunavut	291	0	288	3	0	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	478	40	116	231	91	0
Bathurst, New Brunswick	295	8	256	31	0	0
Beaver Creek, Yukon	2	0	0	2	0	0
Buffalo Narrows, Saskatchewan	531	0	488	43	0	0
Cambridge Bay, Nunavut	291	41	230	2	18	0
Cape Dorset, Nunavut	76	0	76	0	0	0
Charlo, New Brunswick	234	0	99	127	8	0
Chesterfield Inlet, Nunavut	167	0	167	0	0	0
Chevery, Quebec	214	0	214	0	0	0
Chibougamau/Chapais, Quebec	526	10	429	46	41	0
Clyde River, Nunavut	102	0	102	0	0	0
Collingwood, Ontario	451	11	9	407	24	0
Comox, British Columbia	1,508	214	914	142	230	8
Coral Harbour, Nunavut	170	0	170	0	0	0
Dauphin, Manitoba	148	11	108	27	2	0
Dawson, Yukon	213	0	103	63	47	0
Dawson Creek, British Columbia	371	12	258	63	38	0
Déline, Northwest Territories	157	0	129	28	0	0
Digby, Nova Scotia	23	0	0	19	4	0
Drummondville, Quebec	343	0	2	286	55	0
Dryden Regional, Ontario	623	6	426	115	76	0
Eastmain River, Quebec	107	0	105	2	0	0
Elliot Lake Municipal, Ontario	214	0	152	36	26	0
Eureka, Nunavut	2	0	2	0	0	0
Faro, Yukon	68	0	10	15	43	0
Flin Flon, Manitoba	329	0	307	17	5	0
Fort Frances Municipal, Ontario	350	0	254	88	8	0
Fort Liard, Northwest Territories	126	0	5	21	100	0
Fort McPherson, Northwest Territories	81	0	57	24	0	0
Fort Resolution, Northwest Territories	12	0	12	0	0	0
Fort Simpson, Northwest Territories	231	0	140	83	8	0
Fort Smith, Northwest Territories	287	0	258	23	6	0
Gamëti/Rae Lakes, Northwest Territories	103	0	101	2	0	0
Gaspé, Quebec	306	16	270	14	6	0
Geraldton, Ontario	79	0	49	2	28	0
Gillam, Manitoba	171	0	114	57	0	0
Gjoa Haven, Nunavut	50	0	50	0	0	0
Goose Bay, Newfoundland and Labrador	2,382	381	1,742	34	225	0
Grise Fiord, Nunavut	56	0	56	0	0	0
Hall Beach, Nunavut	170	4	142	0	24	0
Havre St-Pierre, Quebec	446	4	214	50	178	0
Hay River, Northwest Territories	434	0	308	118	8	0
Hearst/René Fontaine Municipal, Ontario	121	0	113	2	6	0
Igloolik, Nunavut	138	0	138	0	0	0
Inukjuak, Quebec	208	.	.	.	.	..
Island Lake, Manitoba	1,410	2	563	55	790	0
Ivujivik, Quebec	116	.	.	.	.	..
Kangisualujuaq, Quebec	103	.	.	.	.	..
Kangisujuaq, Quebec	429	.	.	.	.	..
Kangirsuk, Quebec	165	.	.	.	.	..
Kapuskasing, Ontario	289	8	265	7	9	0
Kugaaruk, Nunavut	79	2	77	0	0	0
Kugluktuk, Nunavut	218	22	196	0	0	0
Kuujuarapik, Quebec	466	4	442	12	8	0
Louderes-de-Blanc-Sablon, Quebec	394	4	378	6	6	0
Mayo, Yukon	42	0	20	2	20	0
Miramichi, New Brunswick	346	28	136	176	6	0
Moosonee, Ontario	4,052	0	863	150	3,039	0
Muskoka, Ontario	554	18	113	324	99	0
Nakina, Ontario	403	0	394	2	7	0
Natashquan, Quebec	154	0	133	9	12	0

Table 2-2 – continued

Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Norway House, Manitoba	270	3	256	11	0	0
Old Crow, Yukon	56	0	52	2	2	0
Pabok, Quebec	24	8	16	0	0	0
Pangnirtung, Nunavut	146	0	144	0	2	0
Peterborough, Ontario	678	23	19	592	42	2
Pickle Lake, Ontario	1,389	2	1,340	28	19	0
Pond Inlet, Nunavut	73	0	71	2	0	0
Port-Menier, Quebec	267	3	182	82	0	0
Prince Rupert/Digby Island, British Columbia	26	0	0	26	0	0
Prince Rupert/Seal Cove, British Columbia	588	0	30	260	298	0
Puvirnituq, Quebec	566	.	.	.	.	..
Qikiqtarjuaq, Nunavut	61	0	57	0	4	0
Quaqtaq, Quebec	157	.	.	.	.	..
Quesnel, British Columbia	312	6	208	72	26	0
Red Lake, Ontario	1,987	2	1,555	416	14	0
Repulse Bay, Nunavut	124	0	124	0	0	0
Resolute Bay, Nunavut	112	0	112	0	0	0
Rimouski, Quebec	177	8	55	94	20	0
Roberval, Quebec	133	8	30	92	3	0
Salluit, Quebec	171	.	.	.	.	..
Sandspit, British Columbia	129	0	88	0	41	0
Sanikiluaq, Nunavut	115	0	115	0	0	0
Sherbrooke, Quebec	278	11	14	239	14	0
St. Anthony, Newfoundland and Labrador	271	10	231	10	20	0
St-Augustin, Quebec	143	0	140	3	0	0
St. Theresa Point, Manitoba	1,885	2	314	55	1,514	0
Stephenville, Newfoundland and Labrador	98	12	62	3	21	0
Stony Rapids, Saskatchewan	598	0	479	102	17	0
Sydney, Nova Scotia	487	86	348	26	27	0
Taloyoak, Nunavut	140	0	140	0	0	0
Tasiujaq, Quebec	106	.	.	.	.	..
Teslin, Yukon	31	0	0	0	31	0
The Pas, Manitoba	221	8	189	18	6	0
Tillsonburg, Ontario	279	..	..	..	..	..
Tofino, British Columbia	292	2	6	142	142	0
Trois-Rivières, Quebec	552	31	16	433	72	0
Tulita, Northwest Territories	177	0	95	70	12	0
Umiujaq, Quebec	168	.	.	.	.	..
Waskaganish, Quebec	138	0	132	6	0	0
Watson Lake, Yukon	125	0	77	35	13	0
Wemindji, Quebec	97	0	94	1	2	0
Whale Cove, Nunavut	85	0	85	0	0	0
Wrigley, Northwest Territories	123	0	11	96	16	0
Yorkton Municipal, Saskatchewan	387	3	91	276	17	0
Total (112)	38,446	1,114	20,547	6,242	7,798	10

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						
Akulivik, Quebec	152	.	..	..	.	.	.	.
Amos Municipal, Quebec	76	36	2	34	0	0	4	0
Arctic Bay, Nunavut	49	0	0	7	10	10	22	0
Arviat, Nunavut	227	2	4	23	0	0	198	0
Aupaluk, Quebec	115	.	..	..	.	.	.	.
Baie-Comeau, Quebec	680	110	26	160	104	152	128	0
Baker Lake, Nunavut	291	0	3	54	0	1	233	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	478	277	42	137	8	4	10	0
Bathurst, New Brunswick	295	23	46	67	44	89	26	0
Beaver Creek, Yukon	2	0	2	0	0	0	0	0
Buffalo Narrows, Saskatchewan	531	21	22	346	142	0	0	0
Cambridge Bay, Nunavut	291	0	0	72	27	70	92	30
Cape Dorset, Nunavut	76	0	0	16	12	46	2	0
Charlo, New Brunswick	234	113	22	43	4	50	0	2
Chesterfield Inlet, Nunavut	167	0	0	3	0	1	163	0
Chevery, Quebec	214	0	0	92	122	0	0	0
Chibougamau/Chapais, Quebec	526	28	63	155	30	196	54	0
Clyde River, Nunavut	102	0	0	9	14	30	49	0
Collingwood, Ontario	451	383	40	16	6	5	1	0
Comox, British Columbia	1,508	61	91	77	601	302	110	266
Coral Harbour, Nunavut	170	0	0	31	0	73	66	0
Dauphin, Manitoba	148	27	2	106	9	2	0	2
Dawson, Yukon	213	104	5	7	3	0	94	0
Dawson Creek, British Columbia	371	99	2	26	122	99	23	0
Déline, Northwest Territories	157	3	41	47	47	0	17	2
Digby, Nova Scotia	23	19	4	0	0	0	0	0
Drummondville, Quebec	343	318	15	10	0	0	0	0
Dryden Regional, Ontario	623	160	24	427	6	6	0	0
Eastmain River, Quebec	107	0	2	14	0	91	0	0
Elliot Lake Municipal, Ontario	214	42	2	152	8	6	4	0
Eureka, Nunavut	2	0	0	0	2	0	0	0
Faro, Yukon	68	55	5	8	0	0	0	0
Flin Flon, Manitoba	329	5	20	223	17	2	62	0
Fort Frances Municipal, Ontario	350	24	68	248	8	2	0	0
Fort Liard, Northwest Territories	126	117	5	4	0	0	0	0
Fort McPherson, Northwest Territories	81	24	0	55	2	0	0	0
Fort Resolution, Northwest Territories	12	0	1	9	2	0	0	0
Fort Simpson, Northwest Territories	231	87	53	37	6	0	48	0
Fort Smith, Northwest Territories	287	25	4	18	240	0	0	0
Gamèti/Rae Lakes, Northwest Territories	103	0	53	34	16	0	0	0
Gaspé, Quebec	306	10	8	19	0	239	30	0
Geraldton, Ontario	79	24	8	47	0	0	0	0
Gillam, Manitoba	171	0	57	16	0	0	98	0
Gjoa Haven, Nunavut	50	0	0	50	0	0	0	0
Goose Bay, Newfoundland and Labrador	2,382	137	40	883	476	429	334	83
Grise Fiord, Nunavut	56	0	0	56	0	0	0	0
Hall Beach, Nunavut	170	0	0	47	39	28	52	4
Havre St-Pierre, Quebec	446	134	59	105	42	23	83	0
Hay River, Northwest Territories	434	18	16	70	121	106	103	0
Hearst/René Fontaine Municipal, Ontario	121	8	0	109	0	4	0	0
Igloolik, Nunavut	138	0	0	33	22	38	45	0
Inukjuak, Quebec	208	.	..	..	.	.	.	.
Island Lake, Manitoba	1,410	837	32	339	2	118	82	0
Ivujivik, Quebec	116	.	..	..	.	.	.	.
Kangiqsualujuaq, Quebec	103	.	..	..	.	.	.	.
Kangiqsujuaq, Quebec	429	.	..	..	.	.	.	.
Kangirsuk, Quebec	165	.	..	..	.	.	.	.
Kapuskasing, Ontario	289	16	0	241	6	26	0	0
Kugaaruk, Nunavut	79	0	0	6	3	33	37	0
Kugluktuk, Nunavut	218	0	0	18	17	81	82	20
Kuujuarapik, Quebec	466	8	12	229	0	66	151	0
Lourdes-de-Blanc-Sablon, Quebec	394	2	10	164	105	109	4	0
Mayo, Yukon	42	20	2	17	2	0	0	1
Miramichi, New Brunswick	346	174	82	30	16	28	10	6
Moosonee, Ontario	4,052	3,006	123	682	57	113	71	0
Muskoka, Ontario	554	354	57	61	54	20	7	1
Nakina, Ontario	403	7	266	81	23	26	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						
Natashquan, Quebec	154	9	12	83	50	0	0	0
Norway House, Manitoba	270	5	6	249	7	2	1	0
Old Crow, Yukon	56	2	2	7	0	0	45	0
Pabok, Quebec	24	0	0	2	0	14	8	0
Pangnirtung, Nunavut	146	0	0	15	0	49	82	0
Peterborough, Ontario	678	558	64	22	15	0	9	10
Pickle Lake, Ontario	1,389	24	555	312	134	55	309	0
Pond Inlet, Nunavut	73	2	0	28	12	9	22	0
Port-Menier, Quebec	267	1	81	51	79	1	54	0
Prince Rupert/Digby Island, British Columbia	26	0	26	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	588	174	352	62	0	0	0	0
Puvirnituq, Quebec	566	.	..	..	.	.	.	.
Qikiqtarjuaq, Nunavut	61	0	0	5	4	16	36	0
Quaqtaq, Quebec	157	.	..	..	.	.	.	.
Quesnel, British Columbia	312	96	39	4	170	0	1	2
Red Lake, Ontario	1,987	204	787	547	200	20	229	0
Repulse Bay, Nunavut	124	0	0	32	0	0	92	0
Resolute Bay, Nunavut	112	0	0	60	4	0	48	0
Rimouski, Quebec	177	93	21	53	2	2	6	0
Roberval, Quebec	133	89	8	20	14	0	2	0
Salluit, Quebec	171	.	..	..	.	.	.	.
Sandspit, British Columbia	129	37	4	27	8	2	51	0
Sanikiluaq, Nunavut	115	0	0	33	26	0	56	0
Sherbrooke, Quebec	278	230	17	16	5	2	6	2
St. Anthony, Newfoundland and Labrador	271	16	12	66	34	135	8	0
St-Augustin, Quebec	143	2	1	64	76	0	0	0
St. Theresa Point, Manitoba	1,885	1,563	8	129	2	107	76	0
Stephenville, Newfoundland and Labrador	98	11	8	8	26	36	2	7
Stony Rapids, Saskatchewan	598	21	98	270	143	66	0	0
Sydney, Nova Scotia	487	35	46	39	6	287	6	68
Taloyoak, Nunavut	140	0	0	34	8	64	34	0
Tasiujaq, Quebec	106	.	..	..	.	.	.	.
Teslin, Yukon	31	31	0	0	0	0	0	0
The Pas, Manitoba	221	4	24	141	13	2	37	0
Tillsonburg, Ontario	279	..	..	..	..	..	..	..
Tofino, British Columbia	292	145	124	21	0	2	0	0
Trois-Rivières, Quebec	552	473	25	13	0	6	12	23
Tulita, Northwest Territories	177	49	47	59	6	0	13	3
Umiujaq, Quebec	168	.	..	..	.	.	.	.
Waskaganish, Quebec	138	2	4	12	2	118	0	0
Watson Lake, Yukon	125	40	13	25	47	0	0	0
Wemindji, Quebec	97	2	1	20	0	74	0	0
Whale Cove, Nunavut	85	0	0	3	0	0	82	0
Wrigley, Northwest Territories	123	92	20	8	3	0	0	0
Yorkton Municipal, Saskatchewan	387	235	51	92	7	0	2	0
Total (112)	38,446	11,163	3,897	8,702	3,700	3,793	3,924	532

Table 3
Local movements by type of operation

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	71	71	0
Baie-Comeau, Quebec	44	40	4
Barrie-Orillia-Lake Simcoe Regional, Ontario	982	976	6
Cambridge Bay, Nunavut	4	4	0
Chibougamau/Chapais, Quebec	4	4	0
Collingwood, Ontario	126	126	0
Dauphin, Manitoba	103	103	0
Dawson Creek, British Columbia	10	10	0
Digby, Nova Scotia	52	52	0
Drummondville, Quebec	244	244	0
Dryden Regional, Ontario	78	78	0
Elliot Lake Municipal, Ontario	14	14	0
Flin Flon, Manitoba	14	14	0
Gaspé, Quebec	2	2	0
Havre St-Pierre, Quebec	2	2	0
Hay River, Northwest Territories	5	5	0
Island Lake, Manitoba	4	4	0
Kangiqsujuak, Quebec	7	.	.
Kapuskasing, Ontario	10	10	0
Kuujuarapik, Quebec	2	2	0
Lourdes-de-Blanc-Sablon, Quebec	8	8	0
Moosonee, Ontario	22	22	0
Muskoka, Ontario	406	404	2
Norway House, Manitoba	2	2	0
Peterborough, Ontario	986	966	20
Pickle Lake, Ontario	40	40	0
Puvirnituq, Quebec	10	.	.
Quesnel, British Columbia	78	78	0
Red Lake, Ontario	28	28	0
Repulse Bay, Nunavut	2	0	2
Rimouski, Quebec	64	64	0
Roberval, Quebec	118	118	0
Sandspit, British Columbia	4	2	2
Sherbrooke, Quebec	352	344	8
St. Theresa Point, Manitoba	20	20	0
The Pas, Manitoba	12	12	0
Tillsonburg, Ontario	243	..	..
Tofino, British Columbia	62	60	2
Trois-Rivières, Quebec	692	691	1
Waskaganish, Quebec	4	4	0
Yorkton Municipal, Saskatchewan	164	164	0
Total (41)	5,095	4,788	47

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 November 2012 but were not available at the time of the release of this report:

1. Burwash, Yukon
2. Kimmirut, Nunavut
3. Lutselk'e, Northwest Territories
4. Tuktoyaktuk, Northwest Territories
5. Welland/Niagara Central, Ontario

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

1. Fort Simpson, Northwest Territories
2. Teslin, Yukon

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.