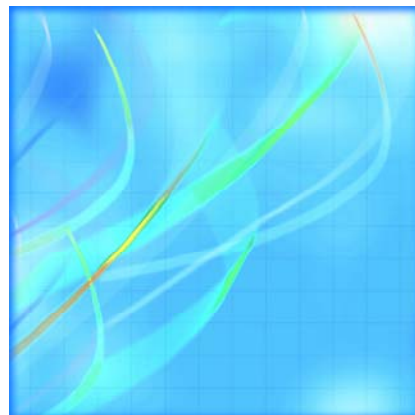


Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



March 2011



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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**, **John Scolli**, **Bev Pomfret** and **Jim Charinos** contributed to the preparation of this publication.

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Highlights

- Goose Bay, Newfoundland and Labrador, the most active site in March 2011, recorded 2,615 itinerant movements. This represented 7.1% of the total itinerant movements registered by 110 airports.
- Guelph, Ontario (2,713 movements) followed by Peterborough, Ontario (2,024 movements) recorded the greatest number of local movements in March 2011.

Text table 1

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

	March 2010	March 2011	Percentage change, March 2010 to March 2011	Year-to-date total		Percentage change 2010 to 2011
				2010	2011	
	number		percent	number		percent
Total	56,180	50,194	-10.7	132,717	124,636	-6.1
Itinerant movements						
Carrier	30,098	28,708	-4.6	75,002	74,329	-0.9
Other commercial	1,297	922	-28.9	2,547	2,510	-1.5
Private	4,406	2,783	-36.8	8,695	6,268	-27.9
Government						
Civil	1,521	1,383	-9.1	3,839	3,481	-9.3
Military	1,192	837	-29.8	3,419	2,173	-36.4
Total	41,191	36,924	-10.4	100,954	95,890	-5.0
Local movements						
Civil	12,011	10,282	-14.4	24,569	20,614	-16.1
Military	103	44	-57.3	161	81	-49.7
Total	12,506	10,932	-12.6	25,563	21,862	-14.5
Number of airports in the survey	134	130	...	134	130	...

Analysis

In March 2011, the number of take-offs and landings at the 130 airports without air traffic control towers reached 50,194 movements. Guelph, Ontario (2,713 movements) followed by Goose Bay, Newfoundland and Labrador (2,615 movements) were the most active sites. Year-over-year comparisons are possible for 125 of the 130 airports; 52 showed increases compared to the same month last year, while 69 showed decreases.

There were 36,924 itinerant movements (flights from one airport to another) recorded by 110 airports without air traffic control towers in March 2011. Goose Bay, Newfoundland and Labrador, the most active site, represented 7.1% of the total itinerant reported movements. It recorded 2,615 take-offs and landings, up 20.7% from 2010.

Forty-three airports without air traffic control towers reported 10,932 local movements (flights that remain in the vicinity of the airport) in March 2011. Guelph, Ontario (2,713 movements) followed by Peterborough, Ontario (2,024 movements) recorded the greatest number of local movements in March 2011.

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
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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
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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			
Amos Municipal, Quebec	31	198	95	103
Arctic Bay, Nunavut	18	52	52	0
Arviat, Nunavut	31	361	361	0
Aupaluk, Quebec	.	321	151	170
Baie-Comeau, Quebec	31	736	692	44
Baker Lake, Nunavut	30	481	477	4
Barrie-Orillia-Lake Simcoe Regional, Ontario	28	1,856	491	1,365
Bathurst, New Brunswick	31	281	281	0
Beaver Creek, Yukon	9	17	17	0
Berens River, Manitoba	..	110	..	..
Bloodvein River, Manitoba	..	126	..	..
Brochet, Manitoba	..	92	..	..
Buffalo Narrows, Saskatchewan	29	532	516	16
Burwash, Yukon	17	43	43	0
Cambridge Bay, Nunavut	31	413	409	4
Cape Dorset, Nunavut	20	88	88	0
Charlo, New Brunswick	19	127	127	0
Chesterfield Inlet, Nunavut	30	142	142	0
Chevery, Quebec	26	306	306	0
Chibougamau/Chapais, Quebec	31	447	441	6
Clyde River, Nunavut	27	127	119	8
Collingwood, Ontario	23	535	401	134
Comox, British Columbia	31	1,637	1,637	0
Coral Harbour, Nunavut	31	220	220	0
Cross Lake, Manitoba	..	157	..	..
Dauphin, Manitoba	29	275	261	14
Dawson, Yukon	31	480	480	0
Dawson Creek, British Columbia	31	429	403	26
Déline, Northwest Territories	28	156	156	0
Digby, Nova Scotia	22	118	51	67
Drummondville, Quebec	25	286	232	54
Dryden Regional, Ontario	31	919	899	20
Eastmain River, Quebec	26	119	119	0
Elliot Lake Municipal, Ontario	31	438	344	94
Eureka, Nunavut	7	32	32	0
Faro, Yukon	31	285	285	0
Flin Flon, Manitoba	30	475	471	4
Fort Frances Municipal, Ontario	30	472	472	0
Fort Liard, Northwest Territories	16	48	48	0
Fort McPherson, Northwest Territories	13	87	87	0
Fort Resolution, Northwest Territories	10	26	26	0
Fort Simpson, Northwest Territories	31	181	181	0
Gamëti/Rae Lakes, Northwest Territories	14	55	55	0
Gaspé, Quebec	31	331	331	0
Geraldton, Ontario	26	206	180	26
Gillam, Manitoba	29	235	235	0
Gjoa Haven, Nunavut	30	161	161	0
Gods Lake Narrows, Manitoba	..	125	..	..
Gods River, Manitoba	..	196	..	..
Goose Bay, Newfoundland and Labrador	31	2,615	2,615	0
Grise Fiord, Nunavut	9	30	30	0
Guelph, Ontario	25	2,713	0	2,713
Hall Beach, Nunavut	30	199	199	0
Havre St-Pierre, Quebec	31	429	429	0
Hay River, Northwest Territories	31	499	494	5
Hearst/René Fontaine Municipal, Ontario	15	64	64	0
Igloolik, Nunavut	28	117	117	0
Ilford, Manitoba	..	22	..	..
Inukjuak, Quebec	.	237	237	0
Island Lake, Manitoba	31	1,133	1,131	2
Ivujivik, Quebec	.	162	158	4
Kangiqsujuaq, Quebec	.	150	144	6
Kangirsuk, Quebec	.	189	189	0
Kapuskasing, Ontario	31	430	344	86
Kimirut, Nunavut	11	36	36	0
Kugaaruk, Nunavut	28	116	116	0
Kugluktuk, Nunavut	30	259	256	3
Kuujuarapik, Quebec	31	440	440	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		
Lac Brochet, Manitoba	..	156	..	..
Little Grand Rapids, Manitoba	..	214	..	..
Lourdes-de-Blanc-Sablon, Quebec	30	472	472	0
Lutselk'e, Northwest Territories	26	175	175	0
Mayo, Yukon	31	530	530	0
Miramichi, New Brunswick	26	319	319	0
Moosonee, Ontario	31	1,328	1,328	0
Muskoka, Ontario	30	1,115	749	366
Nakina, Ontario	31	570	562	8
Natashquan, Quebec	28	261	261	0
Norway House, Manitoba	31	368	368	0
Old Crow, Yukon	27	205	205	0
Oxford House, Manitoba	..	222	..	..
Pabok, Quebec	17	40	40	0
Pangnirtung, Nunavut	31	215	215	0
Peterborough, Ontario	31	2,460	436	2,024
Pickle Lake, Ontario	31	1,446	1,402	44
Pikwitonei, Manitoba	..	1	..	..
Pond Inlet, Nunavut	17	60	60	0
Poplar River, Manitoba	..	92	..	..
Port-Menier, Quebec	21	122	122	0
Prince Rupert/Digby Island, British Columbia	11	26	26	0
Prince Rupert/Seal Cove, British Columbia	31	967	967	0
Pukatawagan, Manitoba	..	134	..	..
Qikiqtarjuaq, Nunavut	23	85	85	0
Quaqtaq, Quebec	..	117	117	0
Quesnel, British Columbia	31	418	336	82
Red Lake, Ontario	31	1,618	1,462	156
Red Sucker Lake, Manitoba	..	263	..	..
Repulse Bay, Nunavut	30	178	178	0
Resolute Bay, Nunavut	31	301	301	0
Rimouski, Quebec	29	232	214	18
Roberval, Quebec	26	216	190	26
Salluit, Quebec	..	204	196	8
Sandspit, British Columbia	28	188	188	0
Sanikiluaq, Nunavut	21	100	100	0
Shamattawa, Manitoba	..	250	..	..
Sherbrooke, Quebec	19	497	167	330
South Indian Lake, Manitoba	..	66	..	..
St. Anthony, Newfoundland and Labrador	31	395	359	36
St-Augustin, Quebec	23	190	190	0
St. Theresa Point, Manitoba	31	679	679	0
Stephenville, Newfoundland and Labrador	27	125	125	0
Stony Rapids, Saskatchewan	30	792	792	0
Sydney, Nova Scotia	31	552	486	66
Tadoule Lake, Manitoba	..	90	..	..
Taloyoak, Nunavut	30	179	179	0
Tasiujaq, Quebec	..	146	146	0
Teslin, Yukon	7	19	19	0
The Pas, Manitoba	30	367	323	44
Thicket Portage, Manitoba	..	2	..	..
Tillsonburg, Ontario	..	661	243	418
Tofino, British Columbia	25	163	163	0
Trois-Rivières, Quebec	31	889	481	408
Umiujaq, Quebec	..	174	174	0
Waskaganish, Quebec	23	298	215	83
Watson Lake, Yukon	27	116	116	0
Welland/Niagara Central, Ontario	26	1,492	71	1,421
Wemindji, Quebec	23	172	172	0
Whale Cove, Nunavut	26	175	175	0
York Landing, Manitoba	..	20	..	..
Yorkton Municipal, Saskatchewan	30	887	471	416
Total (130)	31	50,194	36,924	10,932

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

	Total itinerant movements	Domestic			International			Government	
		Carrier	Other commercial	Private	Carrier	Other commercial	Private	Civil	Military
		number							
Amos Municipal, Quebec	95	36	2	49	0	0	0	8	0
Arctic Bay, Nunavut	52	48	0	2	0	0	0	2	0
Arviat, Nunavut	361	340	9	2	0	0	0	4	6
Aupaluk, Quebec	151	.	.	.	.	.	.	.	.
Baie-Comeau, Quebec	692	562	41	19	0	0	0	62	8
Baker Lake, Nunavut	477	464	8	0	5	0	0	0	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	491	130	33	249	1	1	18	57	2
Bathurst, New Brunswick	281	221	2	24	8	0	8	18	0
Beaver Creek, Yukon	17	12	0	1	1	0	3	0	0
Buffalo Narrows, Saskatchewan	516	470	16	6	0	0	0	24	0
Burwash, Yukon	43	43	0	0	0	0	0	0	0
Cambridge Bay, Nunavut	409	399	0	4	0	0	0	2	4
Cape Dorset, Nunavut	88	83	2	3	0	0	0	0	0
Charlo, New Brunswick	127	69	3	35	0	1	3	16	0
Chesterfield Inlet, Nunavut	142	140	2	0	0	0	0	0	0
Chevery, Quebec	306	287	19	0	0	0	0	0	0
Chibougamau/Chapais, Quebec	441	379	2	38	0	0	0	14	8
Clyde River, Nunavut	119	115	4	0	0	0	0	0	0
Collingwood, Ontario	401	44	20	337	0	0	0	0	0
Comox, British Columbia	1,637	1,091	2	2	11	0	0	24	507
Coral Harbour, Nunavut	220	210	8	0	0	0	0	2	0
Dauphin, Manitoba	261	135	20	31	0	0	0	34	41
Dawson, Yukon	480	390	1	78	0	0	7	0	4
Dawson Creek, British Columbia	403	355	2	40	0	0	1	5	0
Déline, Northwest Territories	156	148	0	2	0	0	0	6	0
Digby, Nova Scotia	51	14	2	33	0	0	0	2	0
Drummondville, Quebec	232	90	13	106	0	0	19	0	4
Dryden Regional, Ontario	899	692	90	41	0	0	1	67	8
Eastmain River, Quebec	119	117	0	2	0	0	0	0	0
Elliot Lake Municipal, Ontario	344	212	90	34	0	0	0	8	0
Eureka, Nunavut	32	25	0	0	7	0	0	0	0
Faro, Yukon	285	274	8	3	0	0	0	0	0
Flin Flon, Manitoba	471	449	0	6	0	0	0	16	0
Fort Frances Municipal, Ontario	472	407	10	35	1	0	9	10	0
Fort Liard, Northwest Territories	48	36	0	0	0	0	0	12	0
Fort McPherson, Northwest Territories	87	81	0	0	0	0	0	6	0
Fort Resolution, Northwest Territories	26	26	0	0	0	0	0	0	0
Fort Simpson, Northwest Territories	181	159	2	8	0	0	0	12	0
Gamëti/Rae Lakes, Northwest Territories	55	48	0	7	0	0	0	0	0
Gaspé, Quebec	331	263	2	10	0	0	0	56	0
Geraldton, Ontario	180	118	4	2	0	0	0	54	2
Gillam, Manitoba	235	219	0	8	0	0	0	8	0
Gjoa Haven, Nunavut	161	157	0	0	0	0	0	4	0
Goose Bay, Newfoundland and Labrador	2,615	2,191	18	68	115	16	114	25	68
Grise Fiord, Nunavut	30	30	0	0	0	0	0	0	0
Hall Beach, Nunavut	199	192	2	5	0	0	0	0	0
Havre St-Pierre, Quebec	429	402	14	5	0	0	0	8	0
Hay River, Northwest Territories	494	437	0	20	1	0	0	36	0
Hearst/René Fontaine Municipal, Ontario	64	46	0	4	0	0	0	14	0
Igloolik, Nunavut	117	113	2	2	0	0	0	0	0
Inukjuak, Quebec	237	.	.	.	.	.	.	.	.
Island Lake, Manitoba	1,131	1,098	0	9	1	0	0	23	0
Ivujivik, Quebec	158	.	.	.	.	.	.	.	.
Kangiqsujuaq, Quebec	144	.	.	.	.	.	.	.	.
Kangirsuk, Quebec	189	.	.	.	.	.	.	.	.
Kapuskasing, Ontario	344	245	0	0	92	0	2	5	0
Kimirut, Nunavut	36	34	0	0	0	0	0	2	0
Kugaaruk, Nunavut	116	116	0	0	0	0	0	0	0
Kugluktuk, Nunavut	256	250	0	0	0	0	0	4	2
Kuujuarapik, Quebec	440	434	0	0	0	0	0	4	2
Louder-de-Blanc-Sablon, Quebec	472	391	58	7	0	0	0	16	0
Lutselk'e, Northwest Territories	175	171	0	2	0	0	0	2	0
Mayo, Yukon	530	516	10	4	0	0	0	0	0
Miramichi, New Brunswick	319	237	30	15	3	8	16	6	4
Moosonee, Ontario	1,328	1,268	28	14	0	0	0	18	0
Muskoka, Ontario	749	324	86	268	0	0	8	42	21
Nakina, Ontario	562	536	8	2	0	0	0	16	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	261	246	0	13	0	0	0	2	0
Norway House, Manitoba	368	339	0	0	0	0	0	29	0
Old Crow, Yukon	205	197	0	5	0	0	1	2	0
Pabok, Quebec	40	2	0	2	0	0	0	36	0
Pangnirtung, Nunavut	215	203	4	2	0	0	0	6	0
Peterborough, Ontario	436	108	50	236	0	0	0	24	18
Pickle Lake, Ontario	1,402	1,364	2	11	1	0	0	24	0
Pond Inlet, Nunavut	60	52	2	2	0	0	0	4	0
Port-Menier, Quebec	122	110	12	0	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	967	812	0	25	7	0	4	117	2
Qikiqtarjuaq, Nunavut	85	81	2	0	0	0	0	2	0
Quaqtaq, Quebec	117	.	.	.	.	.	.	.	.
Quesnel, British Columbia	336	209	0	127	0	0	0	0	0
Red Lake, Ontario	1,462	1,347	2	48	0	0	1	54	10
Repulse Bay, Nunavut	178	167	5	0	0	0	0	6	0
Resolute Bay, Nunavut	301	278	0	6	0	0	0	0	17
Rimouski, Quebec	214	72	8	111	0	0	0	23	0
Roberval, Quebec	190	76	68	44	0	0	0	2	0
Salluit, Quebec	196	.	.	.	.	.	.	.	.
Sandspit, British Columbia	188	154	0	1	0	0	0	33	0
Sanikiluaq, Nunavut	100	94	2	2	0	0	0	2	0
Sherbrooke, Quebec	167	50	18	86	1	0	2	8	2
St. Anthony, Newfoundland and Labrador	359	303	16	2	0	0	0	38	0
St-Augustin, Quebec	190	171	10	9	0	0	0	0	0
St. Theresa Point, Manitoba	679	671	0	6	0	0	0	2	0
Stephenville, Newfoundland and Labrador	125	91	0	2	3	0	4	21	4
Stony Rapids, Saskatchewan	792	750	0	2	0	0	0	36	4
Sydney, Nova Scotia	486	425	4	34	2	0	2	12	7
Taloyoak, Nunavut	179	177	0	0	0	0	0	0	2
Tasiujaq, Quebec	146	.	.	.	.	.	.	.	.
Teslin, Yukon	19	18	0	1	0	0	0	0	0
The Pas, Manitoba	323	286	2	7	1	0	0	25	2
Tillsonburg, Ontario	243	..	..	..	..	..	..	..	..
Tofino, British Columbia	163	61	2	20	1	0	0	77	2
Trois-Rivières, Quebec	481	234	28	200	1	0	0	12	6
Umiujaq, Quebec	174	.	.	.	.	.	.	.	.
Waskaganish, Quebec	215	215	0	0	0	0	0	0	0
Watson Lake, Yukon	116	75	1	34	0	0	4	2	0
Welland/Niagara Central, Ontario	71	9	0	42	0	2	18	0	0
Wemindji, Quebec	172	138	0	4	0	0	0	4	26
Whale Cove, Nunavut	175	173	0	0	0	0	0	2	0
Yorkton Municipal, Saskatchewan	471	335	11	57	0	0	0	24	44
Total (110)	36,924	28,708	922	2,783	263	28	245	1,383	837

Table 2-2
Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Amos Municipal, Quebec	95	8	36	51	0	0
Arctic Bay, Nunavut	52	0	52	0	0	0
Arviat, Nunavut	361	0	340	17	4	0
Aupaluk, Quebec	151	.	.	.	.	..
Baie-Comeau, Quebec	692	26	510	131	25	0
Baker Lake, Nunavut	477	0	413	64	0	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	491	20	41	328	101	1
Bathurst, New Brunswick	281	4	176	81	20	0
Beaver Creek, Yukon	17	0	2	4	11	0
Buffalo Narrows, Saskatchewan	516	0	460	52	4	0
Burwash, Yukon	43	0	2	0	41	0
Cambridge Bay, Nunavut	409	64	317	16	12	0
Cape Dorset, Nunavut	88	0	85	3	0	0
Charlo, New Brunswick	127	6	42	69	8	2
Chesterfield Inlet, Nunavut	142	0	141	1	0	0
Chevery, Quebec	306	0	296	6	4	0
Chibougamau/Chapais, Quebec	441	18	356	24	43	0
Clyde River, Nunavut	119	0	119	0	0	0
Collingwood, Ontario	401	8	8	373	10	2
Comox, British Columbia	1,637	332	902	181	181	41
Coral Harbour, Nunavut	220	2	218	0	0	0
Dauphin, Manitoba	261	18	138	87	18	0
Dawson, Yukon	480	0	117	99	264	0
Dawson Creek, British Columbia	403	11	283	64	45	0
Déline, Northwest Territories	156	0	111	45	0	0
Digby, Nova Scotia	51	2	2	47	0	0
Drummondville, Quebec	232	0	1	198	33	0
Dryden Regional, Ontario	899	11	539	239	110	0
Eastmain River, Quebec	119	0	111	8	0	0
Elliot Lake Municipal, Ontario	344	0	196	131	17	0
Eureka, Nunavut	32	0	26	6	0	0
Faro, Yukon	285	0	97	22	166	0
Flin Flon, Manitoba	471	0	430	29	12	0
Fort Frances Municipal, Ontario	472	0	304	142	26	0
Fort Liard, Northwest Territories	48	0	16	23	9	0
Fort McPherson, Northwest Territories	87	0	87	0	0	0
Fort Resolution, Northwest Territories	26	0	22	4	0	0
Fort Simpson, Northwest Territories	181	0	143	32	6	0
Gamëti/Rae Lakes, Northwest Territories	55	0	42	9	4	0
Gaspé, Quebec	331	16	289	12	14	0
Geraldton, Ontario	180	0	118	12	50	0
Gillam, Manitoba	235	0	132	101	2	0
Gjoa Haven, Nunavut	161	4	146	10	1	0
Goose Bay, Newfoundland and Labrador	2,615	372	1,798	52	393	0
Grise Fiord, Nunavut	30	0	30	0	0	0
Hall Beach, Nunavut	199	0	179	5	15	0
Havre St-Pierre, Quebec	429	2	185	77	165	0
Hay River, Northwest Territories	494	5	359	124	6	0
Hearst/René Fontaine Municipal, Ontario	64	0	48	4	12	0
Igloodik, Nunavut	117	0	111	3	3	0
Inukjuak, Quebec	237	.	.	.	.	..
Island Lake, Manitoba	1,131	8	636	98	389	0
Ivujivik, Quebec	158	.	.	.	.	..
Kangiqsujuaq, Quebec	144	.	.	.	.	..
Kangirsuk, Quebec	189	.	.	.	.	..
Kapuskasing, Ontario	344	2	333	0	9	0
Kimmirut, Nunavut	36	0	36	0	0	0
Kugaaruk, Nunavut	116	2	108	6	0	0
Kugluktuk, Nunavut	256	24	219	4	9	0
Kuujuarapik, Quebec	440	8	423	0	9	0
Lourdes-de-Blanc-Sablon, Quebec	472	6	419	37	10	0
Lutselk'e, Northwest Territories	175	0	129	46	0	0
Mayo, Yukon	530	0	229	115	186	0
Miramichi, New Brunswick	319	22	42	245	10	0
Moosonee, Ontario	1,328	0	799	129	400	0
Muskoka, Ontario	749	13	144	471	121	0
Nakina, Ontario	562	0	484	24	54	0
Natashquan, Quebec	261	0	181	14	66	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	368	3	344	21	0	0
Old Crow, Yukon	205	0	197	6	2	0
Pabok, Quebec	40	4	28	2	6	0
Pangnirtung, Nunavut	215	0	209	0	6	0
Peterborough, Ontario	436	39	30	333	34	0
Pickle Lake, Ontario	1,402	0	1,163	90	149	0
Pond Inlet, Nunavut	60	0	60	0	0	0
Port-Menier, Quebec	122	0	29	93	0	0
Prince Rupert/Digby Island, British Columbia	26	0	0	26	0	0
Prince Rupert/Seal Cove, British Columbia	967	0	40	718	209	0
Qikiqtarjuaq, Nunavut	85	0	76	4	5	0
Quaqtaq, Quebec	117	.	.	.	.	..
Quesnel, British Columbia	336	17	182	117	20	0
Red Lake, Ontario	1,462	6	1,049	373	34	0
Repulse Bay, Nunavut	178	0	147	29	2	0
Resolute Bay, Nunavut	301	9	259	33	0	0
Rimouski, Quebec	214	4	61	135	14	0
Roberval, Quebec	190	0	66	114	10	0
Salluit, Quebec	196	.	.	.	.	..
Sandspit, British Columbia	188	6	121	1	60	0
Sanikiluaq, Nunavut	100	0	100	0	0	0
Sherbrooke, Quebec	167	6	16	130	15	0
St. Anthony, Newfoundland and Labrador	359	2	313	16	28	0
St-Augustin, Quebec	190	0	168	18	0	4
St. Theresa Point, Manitoba	679	2	308	95	274	0
Stephenville, Newfoundland and Labrador	125	18	86	8	13	0
Stony Rapids, Saskatchewan	792	2	603	173	14	0
Sydney, Nova Scotia	486	16	388	60	22	0
Taloyoak, Nunavut	179	4	155	20	0	0
Tasiujaq, Quebec	146	.	.	.	.	..
Teslin, Yukon	19	0	4	11	4	0
The Pas, Manitoba	323	9	220	61	33	0
Tillsonburg, Ontario	243	..	..	..	..	..
Tofino, British Columbia	163	7	15	60	81	0
Trois-Rivières, Quebec	481	16	29	408	28	0
Umiujaq, Quebec	174	.	.	.	.	..
Waskaganish, Quebec	215	0	190	24	1	0
Watson Lake, Yukon	116	6	53	29	28	0
Welland/Niagara Central, Ontario	71	0	0	71	0	0
Wemindji, Quebec	172	0	147	4	21	0
Whale Cove, Nunavut	175	0	163	12	0	0
Yorkton Municipal, Saskatchewan	471	16	100	315	40	0
Total (110)	36,924	1,206	21,877	7,785	4,251	50

Table 2-3
Itinerant movements by aircraft weight groups

	Total itinerant movements	Maximum take-off weight in kilograms						
		2,000 and under	2,001 to 4,000	4,001 to 5,670	5,671 to 9,000	9,001 to 18,000	18,001 to 35,000	35,001 and over
		number						
Amos Municipal, Quebec	95	49	2	36	0	0	8	0
Arctic Bay, Nunavut	52	0	0	12	5	35	0	0
Arviat, Nunavut	361	21	0	63	10	154	107	6
Aupaluk, Quebec	151	.	..	..	.	.	.	.
Baie-Comeau, Quebec	692	42	118	328	23	154	27	0
Baker Lake, Nunavut	477	0	64	78	46	107	174	8
Barrie-Orillia-Lake Simcoe Regional, Ontario	491	365	66	38	10	8	4	0
Bathurst, New Brunswick	281	49	48	59	4	118	3	0
Beaver Creek, Yukon	17	15	0	0	0	0	2	0
Buffalo Narrows, Saskatchewan	516	37	19	356	104	0	0	0
Burwash, Yukon	43	41	0	0	0	0	2	0
Cambridge Bay, Nunavut	409	2	4	169	36	79	83	36
Cape Dorset, Nunavut	88	0	3	10	0	75	0	0
Charlo, New Brunswick	127	62	17	32	2	2	0	12
Chesterfield Inlet, Nunavut	142	1	0	29	21	80	11	0
Chevery, Quebec	306	4	6	131	165	0	0	0
Chibougamau/Chapais, Quebec	441	48	55	151	46	133	8	0
Clyde River, Nunavut	119	0	0	23	0	15	81	0
Collingwood, Ontario	401	356	28	7	4	2	0	4
Comox, British Columbia	1,637	123	233	81	548	309	77	266
Coral Harbour, Nunavut	220	0	2	32	52	111	19	4
Dauphin, Manitoba	261	95	8	134	16	6	2	0
Dawson, Yukon	480	326	33	6	6	4	105	0
Dawson Creek, British Columbia	403	107	2	26	165	67	36	0
Déline, Northwest Territories	156	18	42	62	16	0	18	0
Digby, Nova Scotia	51	29	18	2	0	2	0	0
Drummondville, Quebec	232	225	3	4	0	0	0	0
Dryden Regional, Ontario	899	243	114	518	7	6	8	3
Eastmain River, Quebec	119	6	2	12	8	91	0	0
Elliot Lake Municipal, Ontario	344	122	91	107	10	12	2	0
Eureka, Nunavut	32	0	0	12	4	6	0	10
Faro, Yukon	285	155	126	4	0	0	0	0
Flin Flon, Manitoba	471	19	42	300	0	110	0	0
Fort Frances Municipal, Ontario	472	56	120	296	0	0	0	0
Fort Liard, Northwest Territories	48	18	15	15	0	0	0	0
Fort McPherson, Northwest Territories	87	0	0	12	0	0	75	0
Fort Resolution, Northwest Territories	26	0	4	4	8	0	10	0
Fort Simpson, Northwest Territories	181	28	63	56	10	4	20	0
Gamëti/Rae Lakes, Northwest Territories	55	11	28	8	0	0	8	0
Gaspé, Quebec	331	14	10	15	2	252	38	0
Geraldton, Ontario	180	36	64	78	0	0	0	2
Gillam, Manitoba	235	19	88	22	0	54	52	0
Gjoa Haven, Nunavut	161	6	3	24	6	76	37	9
Goose Bay, Newfoundland and Labrador	2,615	255	223	954	336	585	172	90
Grise Fiord, Nunavut	30	0	0	30	0	0	0	0
Hall Beach, Nunavut	199	0	7	55	0	44	91	2
Havre St-Pierre, Quebec	429	159	79	107	46	21	17	0
Hay River, Northwest Territories	494	22	44	94	136	96	95	7
Hearst/René Fontaine Municipal, Ontario	64	10	14	38	2	0	0	0
Igloolik, Nunavut	117	2	2	12	1	51	49	0
Inukjuak, Quebec	237	.	..	..	.	.	.	.
Island Lake, Manitoba	1,131	469	16	457	4	143	38	4
Ivujivik, Quebec	158	.	..	..	.	.	.	.
Kangiqsujuaq, Quebec	144	.	..	..	.	.	.	.
Kangirsuk, Quebec	189	.	..	..	.	.	.	.
Kapuskasing, Ontario	344	4	49	247	22	2	20	0
Kimirut, Nunavut	36	0	0	34	2	0	0	0
Kugaaruk, Nunavut	116	4	23	13	2	34	40	0
Kugluktuk, Nunavut	256	11	2	48	14	90	68	23
Kuujuaq, Quebec	440	9	0	186	0	63	178	4
Lourdes-de-Blanc-Sablon, Quebec	472	16	29	194	111	118	4	0
Lutsel'k'e, Northwest Territories	175	6	107	52	4	2	4	0
Mayo, Yukon	530	162	229	121	7	0	11	0
Miramichi, New Brunswick	319	165	86	36	2	30	0	0
Moosonee, Ontario	1,328	339	177	482	173	120	37	0
Muskoka, Ontario	749	520	67	90	38	15	9	10
Nakina, Ontario	562	52	362	148	0	0	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	261	77	3	104	77	0	0	0
Norway House, Manitoba	368	6	15	344	3	0	0	0
Old Crow, Yukon	205	8	0	4	11	0	171	11
Pabok, Quebec	40	1	6	3	0	26	4	0
Pangnirtung, Nunavut	215	2	2	26	2	87	96	0
Peterborough, Ontario	436	342	23	18	26	4	13	10
Pickle Lake, Ontario	1,402	167	778	138	121	10	188	0
Pond Inlet, Nunavut	60	0	0	22	2	36	0	0
Port-Menier, Quebec	122	0	93	29	0	0	0	0
Prince Rupert/Digby Island, British Columbia	26	0	26	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	967	67	842	54	0	4	0	0
Qikiqtarjuaq, Nunavut	85	0	1	10	4	28	42	0
Quaqtaq, Quebec	117	.	..	..	.	.	.	.
Quesnel, British Columbia	336	129	8	0	199	0	0	0
Red Lake, Ontario	1,462	177	461	572	163	25	62	2
Repulse Bay, Nunavut	178	22	6	51	20	9	70	0
Resolute Bay, Nunavut	301	0	0	157	8	39	50	47
Rimouski, Quebec	214	99	50	59	0	2	4	0
Roberval, Quebec	190	110	20	56	2	2	0	0
Salluit, Quebec	196	.	..	..	.	.	.	.
Sandspit, British Columbia	188	31	32	49	22	53	1	0
Sanikiluaq, Nunavut	100	0	0	50	6	0	44	0
Sherbrooke, Quebec	167	143	0	14	4	6	0	0
St. Anthony, Newfoundland and Labrador	359	8	41	122	48	126	14	0
St-Augustin, Quebec	190	9	13	69	97	2	0	0
St. Theresa Point, Manitoba	679	360	9	160	3	119	28	0
Stephenville, Newfoundland and Labrador	125	8	9	4	14	52	30	8
Stony Rapids, Saskatchewan	792	20	191	327	152	100	1	1
Sydney, Nova Scotia	486	52	71	37	7	300	4	15
Taloyoak, Nunavut	179	8	2	39	6	68	54	2
Tasiujaq, Quebec	146	.	..	..	.	.	.	.
Teslin, Yukon	19	15	4	0	0	0	0	0
The Pas, Manitoba	323	35	63	117	5	101	2	0
Tillsonburg, Ontario	243	..	..	..	..	..	..	..
Tofino, British Columbia	163	20	80	54	7	0	2	0
Trois-Rivières, Quebec	481	390	48	14	10	0	4	15
Umiujaq, Quebec	174	.	..	..	.	.	.	.
Waskaganish, Quebec	215	21	4	17	4	169	0	0
Watson Lake, Yukon	116	54	4	6	52	0	0	0
Welland/Niagara Central, Ontario	71	56	15	0	0	0	0	0
Wemindji, Quebec	172	0	4	64	4	88	12	0
Whale Cove, Nunavut	175	12	0	36	16	69	42	0
Yorkton Municipal, Saskatchewan	471	289	56	95	27	2	0	2
Total (110)	36,924	7,691	6,037	9,671	3,356	5,013	2,788	613

Table 3
Local movements by type of operation

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	103	103	0
Aupaluk, Quebec	170	.	.
Baie-Comeau, Quebec	44	44	0
Baker Lake, Nunavut	4	4	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	1,365	1,365	0
Buffalo Narrows, Saskatchewan	16	16	0
Cambridge Bay, Nunavut	4	4	0
Chibougamau/Chapais, Quebec	6	6	0
Clyde River, Nunavut	8	8	0
Collingwood, Ontario	134	130	4
Dauphin, Manitoba	14	14	0
Dawson Creek, British Columbia	26	26	0
Digby, Nova Scotia	67	67	0
Drummondville, Quebec	54	54	0
Dryden Regional, Ontario	20	20	0
Elliot Lake Municipal, Ontario	94	94	0
Flin Flon, Manitoba	4	4	0
Geraldton, Ontario	26	26	0
Guelph, Ontario	2,713	2,713	0
Hay River, Northwest Territories	5	5	0
Island Lake, Manitoba	2	2	0
Ivujivik, Quebec	4	.	.
Kangiqsujuaq, Quebec	6	.	.
Kapuskasing, Ontario	86	86	0
Kugluktuk, Nunavut	3	3	0
Muskoka, Ontario	366	360	6
Nakina, Ontario	8	8	0
Peterborough, Ontario	2,024	2,024	0
Pickle Lake, Ontario	44	44	0
Quesnel, British Columbia	82	82	0
Red Lake, Ontario	156	128	28
Rimouski, Quebec	18	18	0
Roberval, Quebec	26	26	0
Salluit, Quebec	8	.	.
Sherbrooke, Quebec	330	330	0
St. Anthony, Newfoundland and Labrador	36	36	0
Sydney, Nova Scotia	66	60	6
The Pas, Manitoba	44	44	0
Tillsonburg, Ontario	418	..	..
Trois-Rivières, Quebec	408	408	0
Waskaganish, Quebec	83	83	0
Welland/Niagara Central, Ontario	1,421	1,421	0
Yorkton Municipal, Saskatchewan	416	416	0
Total (43)	10,932	10,282	44

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
Kangisujuaq	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, 2010 but were not available in March, 2011:

1. Bromont, Quebec
2. Fort Good Hope, Northwest Territories
3. Paulatuk, Northwest Territories
4. Tuktoyaktuk, Northwest Territories
5. Tulita, Northwest Territories
6. Wrigley, Northwest Territories

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

1. Clyde River, Nunavut
2. Eastmain River, Québec
3. Fort Simpson, Territoires du Nord-Ouest

4. Pangnirtung, Nunavut

5. In January 2011, the airport at Nanisivik, Nunavut was closed due to cessation of mining operations. A new airport was opened at Arctic Bay, Nunavut.

Appendix II

Glossary of terms

Air carrier

Aircraft operators, licensed by the Canadian Transportation Agency to transport persons, mail and/or goods by air.

Level I-III air carriers: Effective 2010, Canadian air carriers that, in each of the two calendar years immediately preceding the report year, realized annual gross revenues of \$2,000,000 or more for the air services for which the air carrier held a licence. Also includes foreign air carriers.

Level IV-VI air carriers: Effective 2010, Canadian air carriers that, in the calendar year immediately preceding the report year, realized annual gross revenues of less than \$2,000,000 for the air services for which the air carrier held a licence. Between 2000 and 2009, levels IV and VI were not applicable.

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.