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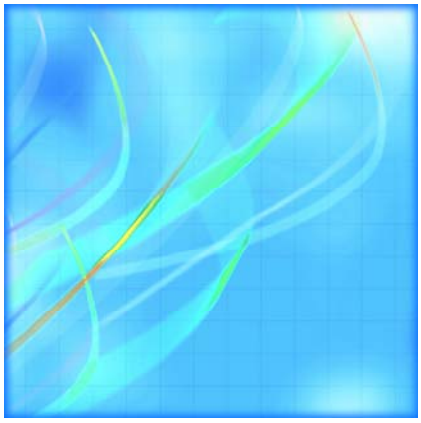
Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



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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
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

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Highlights

Moosonee, Ontario, the most active site for December 2009, represented 9.4% of the total itinerant movements. Moosonee recorded 3,023 take-offs and landings, up 33.4% from December 2008.

Welland/Niagara Central, Ontario was the most active airport in local movements, reporting 1,237 followed by Guelph, Ontario with 894 movements in December 2009.

Text table 1
Distribution of aircraft movements at airports without control towers with the same period a year ago

	December 2008	December 2009	Percentage change, December 2008 over December 2009	Year-to-date total		Percentage change 2008 over 2009
				2008	2009	
	number		percent	number		percent
Total	**34,872**	**41,638**	**19.4**	**632,634**	**622,413**	**-1.6**
Itinerant movements						
Carrier	24,193	25,486	5.3	362,283	329,392	-9.1
Other commercial	1,031	1,556	50.9	24,850	26,130	5.2
Private	1,147	1,622	41.4	50,495	51,463	1.9
Government						
Civil	877	763	-13.0	16,644	16,499	-0.9
Military	644	509	-21.0	14,084	12,627	-10.3
Total	**28,230**	**32,115**	**13.8**	**478,640**	**467,790**	**-2.3**
Local movements						
Civil	4,093	6,461	57.9	119,896	120,651	0.6
Military	38	9	-76.3	4,787	4,479	-6.4
Total	**4,131**	**6,512**	**57.6**	**124,683**	**126,056**	**1.1**
Number of airports in the survey	123	130	...	123	130	...

Analysis

In December 2009, the number of take-offs and landings at the 130 airports without air traffic control towers reached 41,638 movements. Year-over-year increases were reported by 63 of these airports in December 2009. Moosonee, Ontario (3,799 movements) followed by Red Lake, Ontario (2,233 movements) were the most active sites in December 2009.

There were 32,115 itinerant movements (flights from one airport to another) recorded by 110 airports without air traffic control towers in December 2009. Forty-nine airports reported year-over-year increases. Moosonee, Ontario, the most active site for December 2009, represented 9.4% of the total itinerant movements. Moosonee recorded 3,023 take-offs and landings, up 33.4% from December 2008.

There were 6,512 local movements (flights that remain in the vicinity of the airport) recorded by 33 airports without air traffic control towers in December 2009. Welland/Niagara Central, Ontario was the most active airport in local movements, reporting 1,237 followed by Guelph, Ontario with 894 movements in December 2009.

Related products

Selected publications from Statistics Canada

51-007-X	Aircraft Movement Statistics: NAV CANADA Towers and Flight Service Stations (TP 141)
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
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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

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	.	108	108	0
Amos Municipal, Quebec	26	170	99	71
Arviat, Nunavut	24	190	190	0
Aupaluk, Quebec	.	44	44	0
Baie-Comeau, Quebec	31	577	511	66
Baker Lake, Nunavut	26	257	257	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	31	968	271	697
Bathurst, New Brunswick	31	228	228	0
Beaver Creek, Yukon	12	38	38	0
Berens River, Manitoba	..	220	..	..
Bloodvein River, Manitoba	..	222	..	..
Brochet, Manitoba	..	96	..	..
Bromont, Quebec	21	165	165	0
Buffalo Narrows, Saskatchewan	28	471	471	0
Burwash, Yukon	6	16	12	4
Cambridge Bay, Nunavut	29	199	197	2
Cape Dorset, Nunavut	20	71	71	0
Charlo, New Brunswick	17	41	41	0
Chesterfield Inlet, Nunavut	19	70	70	0
Chevery, Quebec	29	267	267	0
Chibougamau/Chapais, Quebec	30	320	320	0
Clyde River, Nunavut	19	56	56	0
Comox, British Columbia	31	1,280	1,280	0
Coral Harbour, Nunavut	24	118	118	0
Cross Lake, Manitoba	..	148	..	..
Dauphin, Manitoba	27	239	203	36
Dawson, Yukon	26	118	116	2
Dawson Creek, British Columbia	30	416	412	4
Digby, Nova Scotia	9	56	56	0
Digby Island, British Columbia	4	10	10	0
Drummondville, Quebec	18	218	146	72
Dryden Regional, Ontario	29	577	535	42
Elliot Lake Municipal, Ontario	30	551	220	331
Eureka, Nunavut	2	4	4	0
Faro, Yukon	9	19	19	0
Flin Flon, Manitoba	30	517	481	36
Fort Frances Municipal, Ontario	30	354	354	0
Fort McPherson, Northwest Territories	12	73	73	0
Fort Resolution, Northwest Territories	9	23	23	0
Fort Simpson, Northwest Territories	29	215	215	0
Fort Smith, Northwest Territories	27	327	327	0
Gamèti/Rae Lakes, Northwest Territories	26	120	120	0
Gaspé, Quebec	31	315	315	0
Geraldton, Ontario	28	205	177	28
Gillam, Manitoba	27	224	224	0
Gjoa Haven, Nunavut	22	101	101	0
Gods Lake Narrows, Manitoba	..	133	..	..
Gods River, Manitoba	..	194	..	..
Goose Bay, Newfoundland and Labrador	31	1,847	1,847	0
Guelph, Ontario	14	894	0	894
Hall Beach, Nunavut	28	130	130	0
Havre St-Pierre, Quebec	26	196	196	0
Hay River, Northwest Territories	29	518	518	0
Hearst/René Fontaine Municipal, Ontario	16	50	50	0
Igloolik, Nunavut	25	99	99	0
Ilford, Manitoba	..	26	..	..
Inukjuak, Quebec	.	213	213	0
Island Lake, Manitoba	31	1,320	1,320	0
Ivujivik, Quebec	.	84	84	0
Kangiqsualujjuaq, Quebec	.	127	127	0
Kangiqsujuaq, Quebec	.	120	120	0
Kangirsuk, Quebec	.	139	139	0
Kapuskasing, Ontario	29	307	307	0
Kimmirut, Nunavut	15	45	45	0
Kugaaruk, Nunavut	22	60	60	0
Kugluktuk, Nunavut	30	264	264	0
Kuujjuarapik, Quebec	30	520	520	0
Lac Brochet, Manitoba	..	98	..	..

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		
Little Grand Rapids, Manitoba	..	614	..	..
Lourdes-de-Blanc-Sablon, Quebec	31	405	397	8
Lutselk'e, Northwest Territories	29	148	148	0
Mayo, Yukon	5	10	10	0
Moosonee, Ontario	30	3,799	3,023	776
Muskoka, Ontario	23	401	311	90
Nakina, Ontario	29	494	494	0
Nanisivik, Nunavut	14	41	41	0
Natashquan, Quebec	21	195	195	0
Norway House, Manitoba	31	310	310	0
Oxford House, Manitoba	..	240	..	..
Pabok, Quebec	16	43	43	0
Pangnirtung, Nunavut	26	152	152	0
Peterborough, Ontario	31	1,142	300	842
Pickle Lake, Ontario	29	1,246	1,236	10
Pikwitonei, Manitoba	..	18	..	..
Pond Inlet, Nunavut	19	45	45	0
Poplar River, Manitoba	..	200	..	..
Prince Rupert/Seal Cove, British Columbia	30	626	624	2
Pukatawagan, Manitoba	..	126	..	..
Puvirnituq, Quebec	.	430	388	42
Qikiqtarjuaq, Nunavut	23	67	67	0
Quaqtaq, Quebec	.	104	104	0
Quesnel, British Columbia	30	177	177	0
Red Lake, Ontario	30	2,233	2,169	64
Red Sucker Lake, Manitoba	..	201	..	..
Repulse Bay, Nunavut	21	93	93	0
Resolute Bay, Nunavut	19	62	62	0
Rimouski, Quebec	26	198	138	60
Roberval, Quebec	18	84	66	18
Salluit, Quebec	.	175	175	0
Sandspit, British Columbia	30	161	153	8
Sanikiluaq, Nunavut	13	58	58	0
Shamattawa, Manitoba	..	262	..	..
Sherbrooke, Quebec	23	468	163	305
South Indian Lake, Manitoba	..	58	..	..
St. Anthony, Newfoundland and Labrador	30	287	287	0
St. Augustin, Quebec	19	142	142	0
St. Theresa Point, Manitoba	31	1,561	1,557	4
Stephenville, Newfoundland and Labrador	27	124	124	0
Stony Rapids, Saskatchewan	31	725	725	0
Sydney, Nova Scotia	31	425	425	0
Tadoule Lake, Manitoba	..	104	..	..
Taloyoak, Nunavut	25	100	100	0
Tasiujaq, Quebec	.	117	117	0
Teslin, Yukon	6	12	12	0
The Pas, Manitoba	29	278	252	26
Thicket Portage, Manitoba	..	6	..	..
Tofino, British Columbia	31	349	347	2
Trois-Rivières, Quebec	31	959	502	457
Tuktoyaktuk, Northwest Territories	29	190	190	0
Tulita, Northwest Territories	22	217	217	0
Ulukhakot/Holman, Northwest Territories	25	69	69	0
Umiujaq, Quebec	.	144	144	0
Waskaganish, Quebec	21	215	187	28
Watson Lake, Yukon	16	60	60	0
Welland/Niagara Central, Ontario	25	1,264	27	1,237
Wemindji, Quebec	14	60	60	0
Whale Cove, Nunavut	17	68	68	0
Wrigley, Northwest Territories	13	74	74	0
York Landing, Manitoba	..	45	..	..
Yorkton Municipal, Saskatchewan	27	551	303	248
Total (130)	**31**	**41,638**	**32,115**	**6,512**

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	108	.	.	.	.	.	.	.	.
Amos Municipal, Quebec	99	32	27	36	0	0	0	4	0
Arviat, Nunavut	190	185	0	1	0	0	0	4	0
Aupaluk, Quebec	44	.	.	.	.	.	.	.	.
Baie-Comeau, Quebec	511	440	6	2	0	0	1	52	10
Baker Lake, Nunavut	257	247	0	2	0	0	0	8	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	271	126	29	76	0	2	14	22	2
Bathurst, New Brunswick	228	186	2	7	11	0	8	12	2
Beaver Creek, Yukon	38	38	0	0	0	0	0	0	0
Bromont, Quebec	165	16	53	93	0	0	3	0	0
Buffalo Narrows, Saskatchewan	471	436	14	1	0	0	0	20	0
Burwash, Yukon	12	10	0	2	0	0	0	0	0
Cambridge Bay, Nunavut	197	195	0	0	0	0	0	0	2
Cape Dorset, Nunavut	71	71	0	0	0	0	0	0	0
Charlo, New Brunswick	41	16	2	16	0	0	3	4	0
Chesterfield Inlet, Nunavut	70	70	0	0	0	0	0	0	0
Chevery, Quebec	267	263	2	0	0	0	0	2	0
Chibougamau/Chapais, Quebec	320	273	3	37	0	0	0	7	0
Clyde River, Nunavut	56	52	4	0	0	0	0	0	0
Comox, British Columbia	1,280	985	2	0	10	4	0	17	262
Coral Harbour, Nunavut	118	116	0	2	0	0	0	0	0
Dauphin, Manitoba	203	121	20	18	0	0	0	18	26
Dawson, Yukon	116	113	0	3	0	0	0	0	0
Dawson Creek, British Columbia	412	384	8	20	0	0	0	0	0
Digby, Nova Scotia	56	2	0	54	0	0	0	0	0
Digby Island, British Columbia	10	10	0	0	0	0	0	0	0
Drummondville, Quebec	146	46	16	82	0	0	0	0	2
Dryden Regional, Ontario	535	496	2	20	0	0	0	17	0
Elliot Lake Municipal, Ontario	220	142	65	7	0	0	0	6	0
Eureka, Nunavut	4	2	0	0	0	0	0	0	2
Faro, Yukon	19	12	5	2	0	0	0	0	0
Flin Flon, Manitoba	481	448	0	8	0	0	0	25	0
Fort Frances Municipal, Ontario	354	334	5	8	0	0	3	4	0
Fort McPherson, Northwest Territories	73	69	0	2	0	0	0	2	0
Fort Resolution, Northwest Territories	23	21	0	0	0	0	0	0	2
Fort Simpson, Northwest Territories	215	187	10	6	0	0	0	10	2
Fort Smith, Northwest Territories	327	321	0	4	0	0	0	2	0
Gamèti/Rae Lakes, Northwest Territories	120	108	0	0	0	0	0	12	0
Gaspé, Quebec	315	263	4	2	0	0	0	46	0
Geraldton, Ontario	177	98	59	12	0	0	0	4	4
Gillam, Manitoba	224	224	0	0	0	0	0	0	0
Gjoa Haven, Nunavut	101	97	0	2	0	0	0	0	2
Goose Bay, Newfoundland and Labrador	1,847	1,301	59	66	84	43	169	40	85
Hall Beach, Nunavut	130	128	2	0	0	0	0	0	0
Havre St-Pierre, Quebec	196	154	4	22	0	0	0	16	0
Hay River, Northwest Territories	518	455	1	54	0	0	0	6	2
Hearst/René Fontaine Municipal, Ontario	50	40	6	4	0	0	0	0	0
Igloolik, Nunavut	99	97	0	0	0	0	0	1	1
Inukjuak, Quebec	213	.	.	.	.	.	.	.	.
Island Lake, Manitoba	1,320	1,106	194	0	0	0	0	20	0
Ivujivik, Quebec	84	.	.	.	.	.	.	.	.
Kangiqsualujjuaq, Quebec	127	.	.	.	.	.	.	.	.
Kangiqsujuaq, Quebec	120	.	.	.	.	.	.	.	.
Kangirsuk, Quebec	139	.	.	.	.	.	.	.	.
Kapuskasing, Ontario	307	289	2	6	0	0	0	0	10
Kimmirut, Nunavut	45	45	0	0	0	0	0	0	0
Kugaaruk, Nunavut	60	60	0	0	0	0	0	0	0
Kugluktuk, Nunavut	264	258	0	2	0	0	0	4	0
Kuujjuarapik, Quebec	520	508	8	2	0	0	0	2	0
Lourdes-de-Blanc-Sablon, Quebec	397	375	12	4	0	0	0	2	4
Lutselk'e, Northwest Territories	148	143	0	1	0	0	0	4	0
Mayo, Yukon	10	8	0	0	0	0	0	2	0
Moosonee, Ontario	3,023	3,003	4	12	0	0	0	4	0
Muskoka, Ontario	311	129	41	92	2	0	8	35	4
Nakina, Ontario	494	489	2	2	1	0	0	0	0
Nanisivik, Nunavut	41	41	0	0	0	0	0	0	0
Natashquan, Quebec	195	193	0	2	0	0	0	0	0

Table 2-1 – continued

Itinerant movements by class and type of operation

	Total itinerant movements	Domestic			International			Government	
		Carrier	Other commercial	Private	Carrier	Other commercial	Private	Civil	Military
	number								
Norway House, Manitoba	310	300	0	2	0	0	0	6	2
Pabok, Quebec	43	13	2	0	0	0	0	28	0
Pangnirtung, Nunavut	152	145	3	4	0	0	0	0	0
Peterborough, Ontario	300	107	57	122	0	0	0	4	10
Pickle Lake, Ontario	1,236	1,202	0	34	0	0	0	0	0
Pond Inlet, Nunavut	45	40	0	0	0	0	0	4	1
Prince Rupert/Seal Cove, British Columbia	624	491	28	24	2	0	4	75	0
Puvirnituq, Quebec	388	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	67	63	2	2	0	0	0	0	0
Quaqtaq, Quebec	104	.	.	.	.	.	.	.	.
Quesnel, British Columbia	177	152	2	12	1	0	0	10	0
Red Lake, Ontario	2,169	2,040	0	70	0	0	1	52	6
Repulse Bay, Nunavut	93	93	0	0	0	0	0	0	0
Resolute Bay, Nunavut	62	60	0	0	0	0	0	0	2
Rimouski, Quebec	138	66	9	43	0	0	0	14	6
Roberval, Quebec	66	26	2	36	0	0	0	2	0
Salluit, Quebec	175	.	.	.	.	.	.	.	.
Sandspit, British Columbia	153	133	0	6	0	0	0	14	0
Sanikiluaq, Nunavut	58	58	0	0	0	0	0	0	0
Sherbrooke, Quebec	163	37	10	104	0	0	4	6	2
St. Anthony, Newfoundland and Labrador	287	277	2	0	0	0	0	8	0
St. Augustin, Quebec	142	83	35	24	0	0	0	0	0
St. Theresa Point, Manitoba	1,557	862	671	2	0	0	0	22	0
Stephenville, Newfoundland and Labrador	124	86	0	0	4	0	10	10	14
Stony Rapids, Saskatchewan	725	708	1	4	1	0	0	9	2
Sydney, Nova Scotia	425	397	4	5	0	0	7	2	10
Taloyoak, Nunavut	100	98	0	2	0	0	0	0	0
Tasiujaq, Quebec	117	.	.	.	.	.	.	.	.
Teslin, Yukon	12	0	0	12	0	0	0	0	0
The Pas, Manitoba	252	238	2	2	0	0	0	8	2
Tofino, British Columbia	347	234	5	70	0	0	5	21	12
Trois-Rivières, Quebec	502	270	38	190	0	0	0	4	0
Tuktoyaktuk, Northwest Territories	190	186	0	0	0	0	0	4	0
Tulita, Northwest Territories	217	213	0	0	0	0	0	4	0
Ulukhakot/Holman, Northwest Territories	69	63	0	2	0	0	0	4	0
Umiujaq, Quebec	144	.	.	.	.	.	.	.	.
Waskaganish, Quebec	187	185	0	2	0	0	0	0	0
Watson Lake, Yukon	60	30	0	24	0	0	0	6	0
Welland/Niagara Central, Ontario	27	12	0	6	1	2	6	0	0
Wemindji, Quebec	60	60	0	0	0	0	0	0	0
Whale Cove, Nunavut	68	68	0	0	0	0	0	0	0
Wrigley, Northwest Territories	74	66	8	0	0	0	0	0	0
Yorkton Municipal, Saskatchewan	303	247	2	24	0	0	2	12	16
Total (110)	**32,115**	**25,486**	**1,556**	**1,622**	**117**	**51**	**248**	**763**	**509**

Table 2-2
Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
	number					
Akulivik, Quebec	108	.	.	.	.	..
Amos Municipal, Quebec	99	8	29	62	0	0
Arviat, Nunavut	190	0	190	0	0	0
Aupaluk, Quebec	44	.	.	.	.	..
Baie-Comeau, Quebec	511	18	452	29	12	0
Baker Lake, Nunavut	257	0	255	2	0	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	271	14	46	129	82	0
Bathurst, New Brunswick	228	4	149	61	14	0
Beaver Creek, Yukon	38	0	2	0	36	0
Bromont, Quebec	165	0	6	152	7	0
Buffalo Narrows, Saskatchewan	471	0	429	38	4	0
Burwash, Yukon	12	0	0	2	10	0
Cambridge Bay, Nunavut	197	51	131	0	15	0
Cape Dorset, Nunavut	71	0	71	0	0	0
Charlo, New Brunswick	41	2	15	22	2	0
Chesterfield Inlet, Nunavut	70	0	70	0	0	0
Chevery, Quebec	267	2	252	7	6	0
Chibougamau/Chapais, Quebec	320	14	249	11	46	0
Clyde River, Nunavut	56	0	56	0	0	0
Comox, British Columbia	1,280	202	812	132	134	0
Coral Harbour, Nunavut	118	0	118	0	0	0
Dauphin, Manitoba	203	8	128	63	4	0
Dawson, Yukon	116	0	85	6	25	0
Dawson Creek, British Columbia	412	8	315	36	53	0
Digby, Nova Scotia	56	0	2	42	12	0
Digby Island, British Columbia	10	0	2	8	0	0
Drummondville, Quebec	146	0	2	114	30	0
Dryden Regional, Ontario	535	4	401	96	34	0
Elliot Lake Municipal, Ontario	220	0	181	23	16	0
Eureka, Nunavut	4	0	4	0	0	0
Faro, Yukon	19	0	4	4	11	0
Flin Flon, Manitoba	481	4	354	68	55	0
Fort Frances Municipal, Ontario	354	0	261	84	9	0
Fort McPherson, Northwest Territories	73	0	71	2	0	0
Fort Resolution, Northwest Territories	23	0	22	1	0	0
Fort Simpson, Northwest Territories	215	2	150	51	12	0
Fort Smith, Northwest Territories	327	0	257	66	4	0
Gamèti/Rae Lakes, Northwest Territories	120	0	117	3	0	0
Gaspé, Quebec	315	14	264	34	3	0
Geraldton, Ontario	177	2	148	9	18	0
Gillam, Manitoba	224	0	128	96	0	0
Gjoa Haven, Nunavut	101	0	101	0	0	0
Goose Bay, Newfoundland and Labrador	1,847	328	1,170	123	225	1
Hall Beach, Nunavut	130	0	112	0	18	0
Havre St-Pierre, Quebec	196	2	66	80	48	0
Hay River, Northwest Territories	518	48	331	137	2	0
Hearst/René Fontaine Municipal, Ontario	50	0	44	4	2	0
Igloolik, Nunavut	99	0	99	0	0	0
Inukjuak, Quebec	213	.	.	.	.	..
Island Lake, Manitoba	1,320	6	648	129	537	0
Ivujivik, Quebec	84	.	.	.	.	..
Kangiqsualujjuaq, Quebec	127	.	.	.	.	..
Kangiqsujuaq, Quebec	120	.	.	.	.	..
Kangirsuk, Quebec	139	.	.	.	.	..
Kapuskasing, Ontario	307	4	293	8	2	0
Kimmirut, Nunavut	45	0	45	0	0	0
Kugaaruk, Nunavut	60	0	60	0	0	0
Kugluktuk, Nunavut	264	74	188	0	2	0
Kuujjuarapik, Quebec	520	2	518	0	0	0
Lourdes-de-Blanc-Sablon, Quebec	397	0	369	21	7	0
Lutselk'e, Northwest Territories	148	0	109	39	0	0
Mayo, Yukon	10	0	8	2	0	0
Moosonee, Ontario	3,023	0	816	264	1,943	0
Muskoka, Ontario	311	6	88	161	56	0
Nakina, Ontario	494	0	490	2	2	0
Nanisivik, Nunavut	41	0	41	0	0	0
Natashquan, Quebec	195	0	173	16	6	0
Norway House, Manitoba	310	0	281	29	0	0

Table 2-2 – continued

Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
	number					
Pabok, Quebec	43	8	27	8	0	0
Pangnirtung, Nunavut	152	0	147	4	1	0
Peterborough, Ontario	300	25	10	227	36	2
Pickle Lake, Ontario	1,236	0	1,105	48	83	0
Pond Inlet, Nunavut	45	0	45	0	0	0
Prince Rupert/Seal Cove, British Columbia	624	0	108	364	152	0
Puvirnituq, Quebec	388	.	.	.	.	..
Qikiqtarjuaq, Nunavut	67	0	63	2	2	0
Quaqtaq, Quebec	104	.	.	.	.	..
Quesnel, British Columbia	177	10	149	12	6	0
Red Lake, Ontario	2,169	2	1,359	801	7	0
Repulse Bay, Nunavut	93	0	93	0	0	0
Resolute Bay, Nunavut	62	0	62	0	0	0
Rimouski, Quebec	138	4	41	58	35	0
Roberval, Quebec	66	4	24	37	1	0
Salluit, Quebec	175	.	.	.	.	..
Sandspit, British Columbia	153	8	105	0	40	0
Sanikiluaq, Nunavut	58	0	58	0	0	0
Sherbrooke, Quebec	163	4	12	132	15	0
St. Anthony, Newfoundland and Labrador	287	3	274	2	8	0
St. Augustin, Quebec	142	0	82	58	2	0
St. Theresa Point, Manitoba	1,557	0	468	63	1,026	0
Stephenville, Newfoundland and Labrador	124	29	87	2	6	0
Stony Rapids, Saskatchewan	725	3	524	176	22	0
Sydney, Nova Scotia	425	20	317	70	18	0
Taloyoak, Nunavut	100	0	100	0	0	0
Tasiujaq, Quebec	117	.	.	.	.	..
Teslin, Yukon	12	0	0	12	0	0
The Pas, Manitoba	252	4	224	24	0	0
Tofino, British Columbia	347	6	21	139	181	0
Trois-Rivières, Quebec	502	18	22	412	50	0
Tuktoyaktuk, Northwest Territories	190	0	168	22	0	0
Tulita, Northwest Territories	217	0	136	79	2	0
Ulukhakot/Holman, Northwest Territories	69	0	69	0	0	0
Umiujaq, Quebec	144	.	.	.	.	..
Waskaganish, Quebec	187	0	183	2	2	0
Watson Lake, Yukon	60	0	33	20	7	0
Welland/Niagara Central, Ontario	27	0	3	24	0	0
Wemindji, Quebec	60	0	60	0	0	0
Whale Cove, Nunavut	68	0	68	0	0	0
Wrigley, Northwest Territories	74	4	3	63	4	0
Yorkton Municipal, Saskatchewan	303	15	59	205	24	0
Total (110)	**32,115**	**994**	**18,587**	**5,534**	**5,234**	**3**

Table 2-3
Itinerant movements by aircraft weight groups

	Total itinerant movements	Gross 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	108	.	..	..	.	.	.	.
Amos Municipal, Quebec	99	32	30	29	0	4	4	0
Arviat, Nunavut	190	0	0	82	14	43	51	0
Aupaluk, Quebec	44	.	..	..	.	.	.	.
Baie-Comeau, Quebec	511	8	31	232	72	151	17	0
Baker Lake, Nunavut	257	0	2	105	10	52	88	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	271	195	12	40	20	2	2	0
Bathurst, New Brunswick	228	32	43	32	4	108	9	0
Beaver Creek, Yukon	38	36	0	2	0	0	0	0
Bromont, Quebec	165	153	6	4	2	0	0	0
Buffalo Narrows, Saskatchewan	471	10	32	337	91	1	0	0
Burwash, Yukon	12	12	0	0	0	0	0	0
Cambridge Bay, Nunavut	197	0	0	48	9	28	62	50
Cape Dorset, Nunavut	71	0	0	8	0	25	38	0
Charlo, New Brunswick	41	10	14	15	0	2	0	0
Chesterfield Inlet, Nunavut	70	0	0	20	18	4	28	0
Chevery, Quebec	267	6	13	104	142	0	2	0
Chibougamau/Chapais, Quebec	320	47	10	144	15	95	9	0
Clyde River, Nunavut	56	0	0	8	0	4	44	0
Comox, British Columbia	1,280	42	103	49	578	183	66	259
Coral Harbour, Nunavut	118	0	0	26	38	18	36	0
Dauphin, Manitoba	203	62	5	120	12	4	0	0
Dawson, Yukon	116	29	2	6	0	0	79	0
Dawson Creek, British Columbia	412	68	12	74	163	95	0	0
Digby, Nova Scotia	56	54	0	2	0	0	0	0
Digby Island, British Columbia	10	0	10	0	0	0	0	0
Drummondville, Quebec	146	136	6	4	0	0	0	0
Dryden Regional, Ontario	535	118	22	388	4	0	3	0
Elliot Lake Municipal, Ontario	220	23	70	121	0	6	0	0
Eureka, Nunavut	4	0	0	0	2	0	0	2
Faro, Yukon	19	13	6	0	0	0	0	0
Flin Flon, Manitoba	481	65	66	255	4	91	0	0
Fort Frances Municipal, Ontario	354	11	80	263	0	0	0	0
Fort McPherson, Northwest Territories	73	2	0	6	0	0	65	0
Fort Resolution, Northwest Territories	23	0	1	12	2	0	8	0
Fort Simpson, Northwest Territories	215	56	56	33	0	0	68	2
Fort Smith, Northwest Territories	327	70	10	30	217	0	0	0
Gamèti/Rae Lakes, Northwest Territories	120	0	23	97	0	0	0	0
Gaspé, Quebec	315	1	36	6	0	251	21	0
Geraldton, Ontario	177	11	70	86	0	6	0	4
Gillam, Manitoba	224	20	76	6	0	120	2	0
Gjoa Haven, Nunavut	101	0	0	12	3	32	50	4
Goose Bay, Newfoundland and Labrador	1,847	224	128	701	106	484	97	107
Hall Beach, Nunavut	130	0	0	37	0	31	62	0
Havre St-Pierre, Quebec	196	48	80	42	10	14	2	0
Hay River, Northwest Territories	518	31	16	88	97	103	179	4
Hearst/René Fontaine Municipal, Ontario	50	6	0	44	0	0	0	0
Igloolik, Nunavut	99	0	0	14	0	44	41	0
Inukjuak, Quebec	213	.	..	..	.	.	.	.
Island Lake, Manitoba	1,320	639	33	486	26	97	39	0
Ivujivik, Quebec	84	.	..	..	.	.	.	.
Kangiqsualujjuaq, Quebec	127	.	..	..	.	.	.	.
Kangiqsujuaq, Quebec	120	.	..	..	.	.	.	.
Kangirsuk, Quebec	139	.	..	..	.	.	.	.
Kapuskasing, Ontario	307	10	40	253	0	4	0	0
Kimmirut, Nunavut	45	0	0	45	0	0	0	0
Kugaaruk, Nunavut	60	0	0	9	2	24	25	0
Kugluktuk, Nunavut	264	0	0	52	3	8	123	78
Kuujjuarapik, Quebec	520	0	0	270	14	95	141	0
Lourdes-de-Blanc-Sablon, Quebec	397	8	28	139	98	124	0	0
Lutselk'e, Northwest Territories	148	5	55	82	0	4	2	0
Mayo, Yukon	10	0	2	8	0	0	0	0
Moosonee, Ontario	3,023	1,933	200	548	104	122	116	0
Muskoka, Ontario	311	209	12	70	14	0	6	0
Nakina, Ontario	494	0	299	154	41	0	0	0
Nanisivik, Nunavut	41	0	0	0	0	0	41	0
Natashquan, Quebec	195	12	27	74	62	20	0	0

Table 2-3 – continued

Itinerant movements by aircraft weight groups

	Total itinerant movements	Gross take-off weight in kilograms						
		2 000 and under	2 001 to 4 000	4 001 to 5 670	5 671 to 9 000	9 001 to 18 000	18 001 to 35 000	35 001 and over
	number							
Norway House, Manitoba	310	4	27	274	1	4	0	0
Pabok, Quebec	43	2	6	7	0	20	8	0
Pangnirtung, Nunavut	152	0	4	10	0	58	80	0
Peterborough, Ontario	300	250	9	6	12	8	5	10
Pickle Lake, Ontario	1,236	103	648	173	76	0	236	0
Pond Inlet, Nunavut	45	0	0	14	0	9	22	0
Prince Rupert/Seal Cove, British Columbia	624	55	552	0	0	17	0	0
Puvirnituq, Quebec	388	.	..	..	.	.	.	.
Qikiqtarjuaq, Nunavut	67	0	2	3	0	21	41	0
Quaqtaq, Quebec	104	.	..	..	.	.	.	.
Quesnel, British Columbia	177	14	4	6	151	0	0	2
Red Lake, Ontario	2,169	338	847	529	247	12	196	0
Repulse Bay, Nunavut	93	0	0	19	31	15	28	0
Resolute Bay, Nunavut	62	0	0	18	4	2	36	2
Rimouski, Quebec	138	63	24	38	3	6	4	0
Roberval, Quebec	66	36	2	22	4	2	0	0
Salluit, Quebec	175	.	..	..	.	.	.	.
Sandspit, British Columbia	153	40	0	43	4	0	66	0
Sanikiluaq, Nunavut	58	0	0	42	10	2	4	0
Sherbrooke, Quebec	163	125	22	12	0	0	4	0
St. Anthony, Newfoundland and Labrador	287	2	37	59	51	137	1	0
St. Augustin, Quebec	142	59	7	4	72	0	0	0
St. Theresa Point, Manitoba	1,557	1,080	9	298	7	125	38	0
Stephenville, Newfoundland and Labrador	124	0	15	6	8	58	10	27
Stony Rapids, Saskatchewan	725	26	217	295	103	81	1	2
Sydney, Nova Scotia	425	8	64	28	6	305	10	4
Taloyoak, Nunavut	100	0	0	8	2	42	46	2
Tasiujaq, Quebec	117	.	..	..	.	.	.	.
Teslin, Yukon	12	12	0	0	0	0	0	0
The Pas, Manitoba	252	2	36	119	4	91	0	0
Tofino, British Columbia	347	232	77	16	10	6	0	6
Trois-Rivières, Quebec	502	408	54	10	6	1	7	16
Tuktoyaktuk, Northwest Territories	190	12	10	168	0	0	0	0
Tulita, Northwest Territories	217	47	81	65	0	0	24	0
Ulukhakot/Holman, Northwest Territories	69	0	0	46	0	0	23	0
Umiujaq, Quebec	144	.	..	..	.	.	.	.
Waskaganish, Quebec	187	2	2	16	22	145	0	0
Watson Lake, Yukon	60	23	4	22	11	0	0	0
Welland/Niagara Central, Ontario	27	24	0	0	0	3	0	0
Wemindji, Quebec	60	0	0	8	2	50	0	0
Whale Cove, Nunavut	68	0	0	22	14	16	16	0
Wrigley, Northwest Territories	74	51	16	3	0	4	0	0
Yorkton Municipal, Saskatchewan	303	180	48	58	13	4	0	0
Total (110)	**32,115**	**7,645**	**4,591**	**8,389**	**2,871**	**3,743**	**2,532**	**581**

Table 3
Local movements by type of operation

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	71	69	2
Baie-Comeau, Quebec	66	66	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	697	697	0
Burwash, Yukon	4	4	0
Cambridge Bay, Nunavut	2	2	0
Dauphin, Manitoba	36	36	0
Dawson, Yukon	2	2	0
Dawson Creek, British Columbia	4	4	0
Drummondville, Quebec	72	72	0
Dryden Regional, Ontario	42	42	0
Elliot Lake Municipal, Ontario	331	331	0
Flin Flon, Manitoba	36	36	0
Geraldton, Ontario	28	28	0
Guelph, Ontario	894	894	0
Lourdes-de-Blanc-Sablon, Quebec	8	8	0
Moosonee, Ontario	776	776	0
Muskoka, Ontario	90	90	0
Peterborough, Ontario	842	838	4
Pickle Lake, Ontario	10	10	0
Prince Rupert/Seal Cove, British Columbia	2	2	0
Puvirnituq, Quebec	42	.	.
Red Lake, Ontario	64	64	0
Rimouski, Quebec	60	60	0
Roberval, Quebec	18	18	0
Sandspit, British Columbia	8	8	0
Sherbrooke, Quebec	305	303	2
St. Theresa Point, Manitoba	4	4	0
The Pas, Manitoba	26	26	0
Tofino, British Columbia	2	2	0
Trois-Rivières, Quebec	457	456	1
Waskaganish, Quebec	28	28	0
Welland/Niagara Central, Ontario	1,237	1,237	0
Yorkton Municipal, Saskatchewan	248	248	0
Total (33)	**6,512**	**6,461**	**9**

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 to ASC where they are registered and manually edited for clarity and reliability. Survey respondents are advised by letter or telephone of any undue delays.

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 ASC 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, ASC 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
Bloodvein River
Brochet
Cross Lake
Gods Lake Narrows
Gods River
Ilford
Lac Brochet
Little Grand Rapids
Oxford House
Pikwitonei
Poplar River
Pukatawagan
Red Sucker Lake
Shamattawa
South Indian Lake
Tadoule Lake
Thicket Portage
York Landing

2. Aggregate data only are available for the 12 airports reported by the Kativik Regional Government in Quebec listed below.

Akulivik
Aupaluk
Inukjuak
Ivujivik
Kangiqsualujjuaq
Kangiqsujuaq
Kangirsuk
Puvirnituq
Quaqtaq
Salluit
Tasiujaq
Umiujaq

3. 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 December, 2008 but were not available in December, 2009:

1. Aklavik, Northwest Territories
2. Déline, Northwest Territories
3. Eastmain River, Quebec
4. Fort Liard, Northwest Territories
5. Grise Fiord, Nunavut
6. Old Crow,Yukon
7. Paulatuk, Northwest Territories

b) data for the following airports are included in December, 2009 but not in December, 2008:

1. Clyde River, Nunavut
2. Pangnirtung, Nunavut
3. Akulivik, Quebec
4. Aupaluk, Quebec
5. Inukjuak, Quebec
6. Ivujivik, Quebec
7. Kangiqsualujjuaq, Quebec
8. Kangiqsujuaq, Quebec
9. Kangirsuk, Quebec
10. Puvirnituq, Quebec
11. Quaqtaq, Quebec
12. Salluit, Quebec
13. Tasiujaq, Quebec
14. Umiujaq, Quebec

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: Canadian air carriers that, in each of the two calendar years immediately preceding the report year, realized annual gross revenues of $1,000,000 or more for the air services for which the air carrier held a licence. Also includes foreign air carriers.

Level IV-VI air carriers: Canadian air carriers that, in each of the two calendar years immediately proceeding the report year, realized annual gross revenues of less than $1,000,000 for the air services for which the air carrier held a licence. Since 2000, levels IV and VI are no longer 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.

Gross 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.

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.

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.