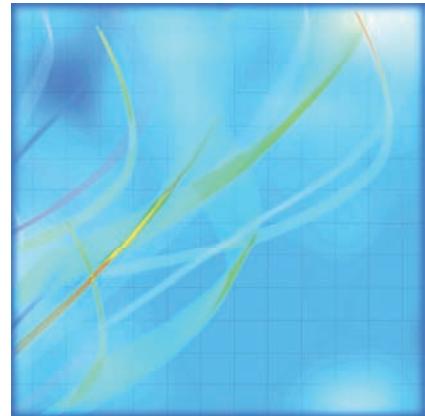


Catalogue no. 51-008-X

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



July 2010



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Statistics Canada  
Transportation Division

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

July 2010

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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

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# Table of contents

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<b>Highlights</b>	<b>4</b>
<b>Analysis</b>	<b>5</b>
<b>Related products</b>	<b>6</b>
 <b>Statistical tables</b>	
1 Total aircraft movements by class of operation	10
2 Itinerant movements	12
2-1 by class and type of operation	12
2-2 by type of power plant	14
2-3 by aircraft weight groups	16
3 Local movements by type of operation	18
 <b>Data quality, concepts and methodology</b>	
Methodology	19
Data quality and limitations	20
 <b>Appendix</b>	
I Factors influencing the data	21
II Glossary of terms	23

## Highlights

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- Goose Bay, Newfoundland and Labrador, the most active site for July 2010, represented 5.3% of the total itinerant movements. Goose Bay recorded 3,015 take-offs and landings, up 13.1% from July 2009.
- Guelph, Ontario (2,503 movements) followed by Peterborough, Ontario (2,380 movements) reported the greatest number of local movements in July 2010.

**Text table 1**

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

	July 2009	July 2010	Percentage change, July 2009 to July 2010	Year-to-date total		Percentage change 2009 to 2010
	number	percent	number	percent		
<b>Total</b>	<b>65,558</b>	<b>75,534</b>	<b>15.2</b>	<b>365,653</b>	<b>400,108</b>	<b>9.4</b>
<b>Itinerant movements</b>						
Carrier	34,490	38,869	12.7	193,754	216,843	11.9
Other commercial	2,043	2,048	0.2	11,599	9,120	-21.4
Private	7,472	8,949	19.8	29,306	35,491	21.1
Government						
Civil	1,973	2,185	10.7	10,880	12,936	18.9
Military	1,166	1,151	-1.3	7,504	9,129	21.7
<b>Total</b>	<b>50,949</b>	<b>57,252</b>	<b>12.4</b>	<b>273,473</b>	<b>304,269</b>	<b>11.3</b>
<b>Local movements</b>						
Civil	11,228	14,644	30.4	70,740	74,759	5.7
Military	14	26	85.7	1,276	798	-37.5
<b>Total</b>	<b>12,077</b>	<b>15,800</b>	<b>30.8</b>	<b>76,535</b>	<b>79,381</b>	<b>3.7</b>
Number of airports in the survey	138	132	...	138	132	...

## Analysis

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In July 2010, the number of take-offs and landings at the 132 airports without air traffic control towers reached 75,534 movements. Year-over-year increases were reported by 85 of these airports. Peterborough, Ontario (3,194 movements) followed by Goose Bay, Newfoundland and Labrador (3,015 movements) were the most active sites in July 2010.

There were 57,252 itinerant movements (flights from one airport to another) recorded by 112 airports without air traffic control towers in July 2010. Goose Bay, Newfoundland and Labrador, the most active site for July 2010, recorded 3,015 take-offs and landings, up 13.1% from July 2009. Seventy-one airports reported year-over-year increases in itinerant movements.

There were 15,800 local movements (flights that remain in the vicinity of the airport) recorded by 54 airports without air traffic control towers in July 2010. Guelph, Ontario (2,503 movements) followed by Peterborough, Ontario (2,380 movements) reported the greatest number of local movements in July 2010.

## Related products

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### Selected publications from Statistics Canada

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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)

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### Selected CANSIM tables from Statistics Canada

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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

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401-0019	Itinerant movements, by aircraft gross take-off weight, airports with NAV CANADA flight service stations, monthly
401-0020	Domestic and international itinerant movements, by type of operation, airports with NAV CANADA flight service stations, monthly
401-0021	Monthly aircraft movements, by class of operation and type of operation, airports without air traffic control towers
401-0022	Monthly itinerant movements, by weight group and type of power plant, airports without air traffic control towers
401-0023	Aircraft movements, by class of operation, airports with NAV CANADA towers, annual
401-0024	Aircraft movements, by civil and military movements, airports with NAV CANADA towers, annual
401-0025	Itinerant movements, by type of operation, airports with NAV CANADA towers, annual
401-0026	Itinerant movements, by instrument flight rules, visual flight rules and runway 88, airports with NAV CANADA towers, annual
401-0027	Itinerant movements, by type of power plant, airports with NAV CANADA towers, annual
401-0028	Itinerant movements, by aircraft gross take-off weight, airports with NAV CANADA towers, annual
401-0029	Domestic and international itinerant movements, by type of operation, airports with NAV CANADA towers, annual
401-0030	Aircraft movements, by class of operation, airports with NAV CANADA flight service stations, annual
401-0031	Aircraft movements, by civil and military movements, airports with NAV CANADA flight service stations, annual
401-0032	Itinerant movements, by type of operation, airports with NAV CANADA flight service stations, annual
401-0033	Itinerant movements, by instrument flight rules, visual flight rules and runway 88, airports with NAV CANADA flight service stations, annual
401-0034	Itinerant movements, by type of power plant, airports with NAV CANADA flight service stations, annual
401-0035	Itinerant movements, by aircraft gross take-off weight, airports with NAV CANADA flight service stations, annual
401-0036	Domestic and international itinerant movements, by type of operation, airports with NAV CANADA flight service stations, annual
401-0037	Annual aircraft movements, by class of operation and type of operation, airports without air traffic control towers
401-0038	Annual itinerant movements, by weight group and type of power plant, airports without air traffic control towers

## **Selected surveys from Statistics Canada**

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2715                   Aircraft Movement Statistics

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## **Selected summary tables from Statistics Canada**

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- *Aircraft movements by class of operation (monthly)*

## **Statistical tables**

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**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	.	170	170	0
Amos Municipal, Quebec	29	318	173	145
Arviat, Nunavut	29	247	247	0
Aupaluk, Quebec	.	65	65	0
Baie-Comeau, Quebec	31	734	698	36
Baker Lake, Nunavut	31	1,074	1,073	1
Barrie-Orrilia-Lake Simcoe Regional, Ontario	31	2,784	884	1,900
Bathurst, New Brunswick	31	342	342	0
Beaver Creek, Yukon	26	162	162	0
Berens River, Manitoba	..	168	..	..
Bloodvein River, Manitoba	..	142	..	..
Brochet, Manitoba	..	82	..	..
Bromont, Quebec	31	820	820	0
Buffalo Narrows, Saskatchewan	31	889	885	4
Burwash, Yukon	20	79	79	0
Cambridge Bay, Nunavut	31	982	942	40
Cape Dorset, Nunavut	19	93	93	0
Charlo, New Brunswick	30	211	211	0
Chesterfield Inlet, Nunavut	25	126	126	0
Chevrey, Quebec	23	221	221	0
Chibougamau/Chapais, Quebec	31	645	601	44
Collingwood, Ontario	31	1,231	1,091	140
Comox, British Columbia	28	1,591	1,591	0
Coral Harbour, Nunavut	30	384	374	10
Cross Lake, Manitoba	..	131	..	..
Dauphin, Manitoba	30	530	482	48
Dawson, Yukon	31	1,391	1,370	21
Dawson Creek, British Columbia	31	771	745	26
Déline, Northwest Territories	28	191	191	0
Digby, Nova Scotia	24	222	102	120
Drummondville, Quebec	31	762	532	230
Dryden Regional, Ontario	31	1,273	1,168	105
Elliot Lake Municipal, Ontario	30	604	500	104
Eureka, Nunavut	30	190	190	0
Faro, Yukon	29	303	303	0
Flin Flon, Manitoba	31	674	646	28
Fort Frances Municipal, Ontario	31	648	648	0
Fort Liard, Northwest Territories	16	44	44	0
Fort McPherson, Northwest Territories	12	32	32	0
Fort Resolution, Northwest Territories	14	47	47	0
Fort Simpson, Northwest Territories	31	298	298	0
Gameti/Rae Lakes, Northwest Territories	27	179	179	0
Gaspé, Quebec	31	503	473	30
Geraldton, Ontario	27	364	334	30
Gillam, Manitoba	28	397	397	0
Gjoa Haven, Nunavut	29	147	147	0
God's Lake Narrows, Manitoba	..	150	..	..
God's River, Manitoba	..	194	..	..
Goose Bay, Newfoundland and Labrador	31	3,015	3,015	0
Guelph, Ontario	27	2,503	0	2,503
Hall Beach, Nunavut	31	551	551	0
Havre St-Pierre, Quebec	31	883	851	32
Hay River, Northwest Territories	31	675	667	8
Hearst/René Fontaine Municipal, Ontario	17	78	78	0
Igloolik, Nunavut	26	116	116	0
Ilford, Manitoba	..	53	..	..
Inukjuak, Quebec	..	250	248	2
Island Lake, Manitoba	31	1,008	998	10
Ivujivik, Quebec	..	160	158	2
Kangiqsualujuaq, Quebec	..	73	73	0
Kangirsuk, Quebec	..	190	190	0
Kapuskasing, Ontario	31	427	269	158
Kimmirut, Nunavut	13	61	61	0
Kugaaruk, Nunavut	30	349	341	8
Kugluktuk, Nunavut	30	591	544	47
Kuujjuarapik, Quebec	31	575	575	0
Lac Brochet, Manitoba	..	116	..	..
Little Grand Rapids, Manitoba	..	154	..	..

**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		
Lourdes-de-Blanc-Sablon, Quebec	31	421	421	0
Lutselk'e, Northwest Territories	31	304	304	0
Mayo, Yukon	31	534	530	4
Miramichi, New Brunswick	31	639	639	0
Mooseenee, Ontario	31	1,640	1,640	0
Muskoka, Ontario	31	2,295	1,743	552
Nakina, Ontario	29	396	394	2
Nanisivik, Nunavut	13	34	34	0
Natashquan, Quebec	28	317	299	18
Norway House, Manitoba	31	359	359	0
Old Crow, Yukon	29	103	103	0
Oxford House, Manitoba	..	222	..	..
Pabok, Quebec	15	38	38	0
Pangnirtung, Nunavut	27	269	269	0
Paulatuk, Northwest Territories	21	60	60	0
Peterborough, Ontario	31	3,194	814	2,380
Pickle Lake, Ontario	30	1,700	1,646	54
Pikwitonei, Manitoba	..	16	..	..
Pond Inlet, Nunavut	19	75	75	0
Poplar River, Manitoba	..	208	..	..
Port-Menier, Quebec	25	306	306	0
Prince Rupert/Digby Island, British Columbia	25	243	243	0
Prince Rupert/Seal Cove, British Columbia	31	1,569	1,569	0
Pukatawagan, Manitoba	..	188	..	..
Puvirnituk, Quebec	..	790	474	316
Qikiqtaulaq, Nunavut	23	87	87	0
Quaqtaq, Quebec	..	112	104	8
Quesnel, British Columbia	31	854	768	86
Red Lake, Ontario	31	2,637	2,239	398
Red Sucker Lake, Manitoba	..	192	..	..
Repulse Bay, Nunavut	28	277	239	38
Resolute Bay, Nunavut	31	403	403	0
Rimouski, Quebec	31	530	438	92
Roberval, Quebec	31	851	815	36
Salluit, Quebec	..	233	124	109
Sandspit, British Columbia	31	814	814	0
Shamattawa, Manitoba	..	264	..	..
Sherbrooke, Quebec	30	1,375	479	896
South Indian Lake, Manitoba	..	60	..	..
St. Anthony, Newfoundland and Labrador	31	364	364	0
St-Augustin, Quebec	12	71	71	0
St. Theresa Point, Manitoba	31	643	641	2
Stephenville, Newfoundland and Labrador	30	218	218	0
Stony Rapids, Saskatchewan	31	1,607	1,557	50
Sydney, Nova Scotia	31	827	771	56
Tadoule Lake, Manitoba	..	102	..	..
Taloyoak, Nunavut	30	157	157	0
Tasiujaq, Quebec	..	104	104	0
Teslin, Yukon	22	67	67	0
The Pas, Manitoba	31	599	577	22
Thicket Portage, Manitoba	..	6	..	..
Tillsonburg, Ontario	..	1,142	452	690
Tofino, British Columbia	31	738	738	0
Trois-Rivières, Quebec	31	2,950	1,197	1,753
Tuktoyaktuk, Northwest Territories	31	505	505	0
Tulita, Northwest Territories	13	161	161	0
Umiujaq, Quebec	..	310	307	3
Waskaganish, Quebec	22	333	195	138
Watson Lake, Yukon	31	1,069	1,067	2
Welland/Niagara Central, Ontario	30	2,071	96	1,975
Wemindji, Quebec	21	114	114	0
Whale Cove, Nunavut	19	97	97	0
York Landing, Manitoba	..	34	..	..
Yorkton Municipal, Saskatchewan	31	1,203	915	288
<b>Total (132)</b>	<b>31</b>	<b>75,534</b>	<b>57,252</b>	<b>15,800</b>

**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	170								
Amos Municipal, Quebec	173	71	6	88	0	0	0	8	0
Arviat, Nunavut	247	240	0	7	0	0	0	0	0
Aupaluk, Quebec	65								
Baie-Comeau, Quebec	698	459	22	109	0	0	1	93	14
Baker Lake, Nunavut	1,073	1,061	1	3	4	0	0	4	0
Barrie-Orrilia-Lake Simcoe Regional, Ontario	884	287	34	451	0	0	36	74	2
Bathurst, New Brunswick	342	228	0	21	52	0	31	10	0
Beaver Creek, Yukon	162	116	0	24	0	0	22	0	0
Bromont, Quebec	820	111	238	449	4	2	10	2	4
Buffalo Narrows, Saskatchewan	885	790	0	24	0	0	0	71	0
Burwash, Yukon	79	28	4	38	2	0	7	0	0
Cambridge Bay, Nunavut	942	906	0	22	0	0	0	10	4
Cape Dorset, Nunavut	93	91	1	1	0	0	0	0	0
Charlo, New Brunswick	211	60	2	83	0	0	40	26	0
Chesterfield Inlet, Nunavut	126	124	0	0	0	0	0	2	0
Chevrey, Quebec	221	200	6	15	0	0	0	0	0
Chibougamau/Chapais, Quebec	601	412	10	129	0	0	0	50	0
Collingwood, Ontario	1,091	106	104	879	0	0	0	0	2
Comox, British Columbia	1,591	973	0	23	1	0	2	49	543
Coral Harbour, Nunavut	374	366	0	0	0	0	0	0	8
Dauphin, Manitoba	482	116	199	86	0	0	1	8	72
Dawson, Yukon	1,370	975	92	255	19	1	22	4	2
Dawson Creek, British Columbia	745	468	9	207	0	0	1	2	58
Déline, Northwest Territories	191	183	0	4	0	0	0	4	0
Digby, Nova Scotia	102	43	2	49	0	0	8	0	0
Drummondville, Quebec	532	224	22	223	3	3	47	2	8
Dryden Regional, Ontario	1,168	767	20	173	6	0	22	171	9
Elliot Lake Municipal, Ontario	500	337	70	75	0	0	6	12	0
Eureka, Nunavut	190	53	0	3	100	0	1	0	33
Faro, Yukon	303	281	8	12	0	0	0	2	0
Flin Flon, Manitoba	646	541	2	64	0	0	13	26	0
Fort Frances Municipal, Ontario	648	418	8	127	2	1	75	17	0
Fort Liard, Northwest Territories	44	35	6	3	0	0	0	0	0
Fort McPherson, Northwest Territories	32	13	0	1	0	0	0	18	0
Fort Resolution, Northwest Territories	47	44	0	0	0	0	0	1	2
Fort Simpson, Northwest Territories	298	213	8	26	0	0	0	20	31
Gamëti/Rae Lakes, Northwest Territories	179	166	0	1	0	0	0	12	0
Gaspé, Quebec	473	328	7	86	0	0	0	52	0
Geraldton, Ontario	334	166	72	61	0	0	0	35	0
Gillam, Manitoba	397	341	17	35	0	0	0	4	0
Gjoa Haven, Nunavut	147	141	6	0	0	0	0	0	0
Goose Bay, Newfoundland and Labrador	3,015	2,103	115	238	102	35	204	95	123
Hall Beach, Nunavut	551	543	0	1	0	0	0	7	0
Havre St-Pierre, Quebec	851	680	0	139	1	0	0	31	0
Hay River, Northwest Territories	667	514	0	56	0	0	0	93	4
Hearst/René Fontaine Municipal, Ontario	78	56	0	17	0	0	0	5	0
Igloolik, Nunavut	116	109	0	4	0	0	0	3	0
Inukjuak, Quebec	248								
Island Lake, Manitoba	998	941	0	31	0	0	0	26	0
Ivujivik, Quebec	158	.	.	.	.	.	.	.	.
Kangiqsualujuaq, Quebec	73	.	.	.	.	.	.	.	.
Kangirsuk, Quebec	190	.	.	.	.	.	.	.	.
Kapuskasing, Ontario	269	161	0	0	97	0	5	6	0
Kimmirut, Nunavut	61	61	0	0	0	0	0	0	0
Kugaaruk, Nunavut	341	338	0	0	0	0	0	3	0
Kugluktuk, Nunavut	544	519	1	10	0	0	0	4	10
Kuujjuaq, Quebec	575	558	0	9	0	0	0	8	0
Lourdes-de-Blanc-Sablon, Quebec	421	339	52	10	1	0	1	18	0
Lutselk'e, Northwest Territories	304	297	0	5	0	0	0	2	0
Mayo, Yukon	530	458	29	19	0	0	0	24	0
Miramichi, New Brunswick	639	265	40	87	13	2	74	129	29
Moosonee, Ontario	1,640	1,513	0	56	0	0	0	71	0
Muskoka, Ontario	1,743	501	172	822	51	1	175	17	4
Nakina, Ontario	394	387	4	3	0	0	0	0	0
Nanisivik, Nunavut	34	34	0	0	0	0	0	0	0
Natashquan, Quebec	299	258	0	31	0	0	0	10	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	359	331	2	18	0	0	0	8	0
Old Crow, Yukon	103	88	1	2	9	0	1	2	0
Pabok, Quebec	38	0	0	4	0	0	0	34	0
Pangnirtung, Nunavut	269	261	0	4	2	0	0	2	0
Paulatuk, Northwest Territories	60	56	0	2	0	0	0	2	0
Peterborough, Ontario	814	186	207	377	0	0	0	26	18
Pickle Lake, Ontario	1,646	1,548	5	52	0	0	2	39	0
Pond Inlet, Nunavut	75	66	0	3	0	0	0	6	0
Port-Menier, Quebec	306	302	1	3	0	0	0	0	0
Prince Rupert/Digby Island, British Columbia	243	243	0	0	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	1,569	1,355	0	107	9	0	5	91	2
Puvirnituq, Quebec	474	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	87	82	3	0	0	0	0	2	0
Quaqtaq, Quebec	104	.	.	.	.	.	.	.	.
Quesnel, British Columbia	768	359	14	389	0	0	3	3	0
Red Lake, Ontario	2,239	1,820	6	249	12	0	62	76	14
Repulse Bay, Nunavut	239	238	0	0	0	0	0	1	0
Resolute Bay, Nunavut	403	372	0	12	0	0	0	7	12
Rimouski, Quebec	438	92	2	319	0	0	0	22	3
Roberval, Quebec	815	587	25	169	3	0	0	24	7
Salluit, Quebec	124	.	.	.	.	.	.	.	.
Sandspit, British Columbia	814	717	1	75	0	0	5	14	2
Sherbrooke, Quebec	479	136	34	271	4	1	17	6	10
St. Anthony, Newfoundland and Labrador	364	304	10	16	0	0	0	32	2
St-Augustin, Quebec	71	63	0	8	0	0	0	0	0
St. Theresa Point, Manitoba	641	601	0	11	0	0	1	28	0
Stephenville, Newfoundland and Labrador	218	111	12	5	3	2	7	70	8
Stony Rapids, Saskatchewan	1,557	1,360	102	32	0	0	2	61	0
Sydney, Nova Scotia	771	648	3	41	24	1	10	36	8
Taloyoak, Nunavut	157	155	0	0	0	0	0	0	2
Tasiujaq, Quebec	104	.	.	.	.	.	.	.	.
Teslin, Yukon	67	32	1	34	0	0	0	0	0
The Pas, Manitoba	577	362	6	41	5	0	2	161	0
Tillsonburg, Ontario	452	.	.	.	.	.	.	.	.
Tofino, British Columbia	738	446	56	156	4	0	14	30	32
Trois-Rivières, Quebec	1,197	708	60	416	1	0	2	8	2
Tuktoyaktuk, Northwest Territories	505	472	2	15	1	0	1	14	0
Tulita, Northwest Territories	161	157	0	0	0	0	0	4	0
Umiujaq, Quebec	307	.	.	.	.	.	.	.	.
Waskaganish, Quebec	195	192	0	3	0	0	0	0	0
Watson Lake, Yukon	1,067	520	19	499	0	0	5	4	20
Welland/Niagara Central, Ontario	96	0	5	42	0	1	47	1	0
Wemindji, Quebec	114	114	0	0	0	0	0	0	0
Whale Cove, Nunavut	97	97	0	0	0	0	0	0	0
Yorkton Municipal, Saskatchewan	915	571	82	179	1	0	5	30	47
<b>Total (112)</b>	<b>57,252</b>	<b>38,869</b>	<b>2,048</b>	<b>8,949</b>	<b>536</b>	<b>50</b>	<b>995</b>	<b>2,185</b>	<b>1,151</b>

**Table 2-2**  
**Itinerant movements by type of power plant**

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
number						
Akulivik, Quebec	170	.	.	.	.	.
Amos Municipal, Quebec	173	6	60	87	20	0
Arviat, Nunavut	247	0	221	10	16	0
Aupaluk, Quebec	65	.	.	.	.	.
Baie-Comeau, Quebec	698	38	363	171	126	0
Baker Lake, Nunavut	1,073	0	383	171	519	0
Barrie-Orrilia-Lake Simcoe Regional, Ontario	884	33	74	616	160	1
Bathurst, New Brunswick	342	2	184	99	57	0
Beaver Creek, Yukon	162	6	38	63	55	0
Bromont, Quebec	820	21	10	734	54	1
Buffalo Narrows, Saskatchewan	885	0	487	268	130	0
Burwash, Yukon	79	0	0	51	28	0
Cambridge Bay, Nunavut	942	70	590	133	149	0
Cape Dorset, Nunavut	93	0	81	1	11	0
Charlo, New Brunswick	211	53	80	58	20	0
Chesterfield Inlet, Nunavut	126	0	120	0	6	0
Chevrey, Quebec	221	0	210	11	0	0
Chibougamau/Chapais, Quebec	601	14	312	208	67	0
Collingwood, Ontario	1,091	41	39	962	43	6
Comox, British Columbia	1,591	255	752	304	191	89
Coral Harbour, Nunavut	374	0	209	0	165	0
Dauphin, Manitoba	482	6	177	279	20	0
Dawson, Yukon	1,370	1	269	766	334	0
Dawson Creek, British Columbia	745	64	305	276	100	0
Déline, Northwest Territories	191	0	155	36	0	0
Digby, Nova Scotia	102	0	0	97	4	1
Drummondville, Quebec	532	2	11	466	53	0
Dryden Regional, Ontario	1,168	44	587	332	205	0
Elliot Lake Municipal, Ontario	500	0	175	170	155	0
Eureka, Nunavut	190	0	114	4	72	0
Faro, Yukon	303	0	29	43	231	0
Flin Flon, Manitoba	646	15	439	152	40	0
Fort Frances Municipal, Ontario	648	12	338	261	37	0
Fort Liard, Northwest Territories	44	0	7	37	0	0
Fort McPherson, Northwest Territories	32	0	32	0	0	0
Fort Resolution, Northwest Territories	47	0	18	4	25	0
Fort Simpson, Northwest Territories	298	11	178	71	38	0
Gamèti/Rae Lakes, Northwest Territories	179	0	163	5	11	0
Gaspé, Quebec	473	20	333	91	29	0
Geraldton, Ontario	334	2	143	169	20	0
Gillam, Manitoba	397	0	155	234	8	0
Gjoa Haven, Nunavut	147	2	139	2	4	0
Goose Bay, Newfoundland and Labrador	3,015	496	1,527	200	792	0
Hall Beach, Nunavut	551	0	250	3	298	0
Havre St-Pierre, Quebec	851	4	210	177	460	0
Hay River, Northwest Territories	667	0	323	311	33	0
Hearst/René Fontaine Municipal, Ontario	78	4	45	15	14	0
Igloolik, Nunavut	116	0	111	2	3	0
Inukjuak, Quebec	248	.	.	.	.	.
Island Lake, Manitoba	998	2	689	147	160	0
Ivujivik, Quebec	158	.	.	.	.	.
Kangiqsualujuaq, Quebec	73	.	.	.	.	.
Kangirsuk, Quebec	190	.	.	.	.	.
Kapuskasing, Ontario	269	2	243	0	24	0
Kimmirut, Nunavut	61	0	38	0	23	0
Kugaaruk, Nunavut	341	4	138	0	199	0
Kugluktuk, Nunavut	544	4	371	86	83	0
Kuujjuaq, Quebec	575	8	542	7	18	0
Lourdes-de-Blanc-Sablon, Quebec	421	2	352	48	19	0
Lutselk'e, Northwest Territories	304	0	146	48	110	0
Mayo, Yukon	530	0	168	191	171	0
Miramichi, New Brunswick	639	39	125	459	14	2
Moosonee, Ontario	1,640	0	880	522	238	0
Muskoka, Ontario	1,743	195	194	1,289	65	0
Nakina, Ontario	394	0	373	3	18	0
Nanisivik, Nunavut	34	0	34	0	0	0
Natashquan, Quebec	299	0	197	23	79	0
Norway House, Manitoba	359	0	317	41	1	0

**Table 2-2 – continued****Itinerant movements by type of power plant**

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
number						
Old Crow, Yukon	103	0	62	17	24	0
Pabok, Quebec	38	10	24	2	2	0
Pangnirtung, Nunavut	269	0	223	6	40	0
Paulatuk, Northwest Territories	60	0	41	11	8	0
Peterborough, Ontario	814	30	44	686	52	2
Pickle Lake, Ontario	1,646	0	1,447	106	93	0
Pond Inlet, Nunavut	75	0	69	1	5	0
Port-Menier, Quebec	306	6	141	155	4	0
Prince Rupert/Digby Island, British Columbia	243	0	70	173	0	0
Prince Rupert/Seal Cove, British Columbia	1,569	0	299	1,012	258	0
Puvirnituq, Quebec	474	.	.	.	.	.
Qikiqtarjuaq, Nunavut	87	0	74	0	13	0
Quaqtaq, Quebec	104	.	.	.	.	.
Quesnel, British Columbia	768	10	175	391	192	0
Red Lake, Ontario	2,239	29	1,257	887	66	0
Repulse Bay, Nunavut	239	0	134	1	104	0
Resolute Bay, Nunavut	403	14	362	16	11	0
Rimouski, Quebec	438	16	59	338	25	0
Roberval, Quebec	815	7	54	316	438	0
Salluit, Quebec	124	.	.	.	.	.
Sandspit, British Columbia	814	40	289	9	476	0
Sherbrooke, Quebec	479	28	50	367	34	0
St. Anthony, Newfoundland and Labrador	364	6	324	10	24	0
St-Augustin, Quebec	71	4	57	8	2	0
St. Theresa Point, Manitoba	641	8	491	136	6	0
Stephenville, Newfoundland and Labrador	218	42	78	26	72	0
Stony Rapids, Saskatchewan	1,557	3	600	443	511	0
Sydney, Nova Scotia	771	184	406	138	43	0
Taloyoak, Nunavut	157	4	124	0	29	0
Tasiujaq, Quebec	104	.	.	.	.	.
Teslin, Yukon	67	0	4	43	20	0
The Pas, Manitoba	577	6	292	259	20	0
Tillsonburg, Ontario	452	.	.	.	.	.
Tofino, British Columbia	738	7	143	478	110	0
Trois-Rivières, Quebec	1,197	16	31	1,064	86	0
Tuktoyaktuk, Northwest Territories	505	0	301	135	69	0
Tulita, Northwest Territories	161	0	85	64	12	0
Umiujaq, Quebec	307	.	.	.	.	.
Waskaganish, Quebec	195	0	165	26	4	0
Watson Lake, Yukon	1,067	26	50	762	229	0
Welland/Niagara Central, Ontario	96	0	0	94	0	2
Wemindji, Quebec	114	0	102	0	12	0
Whale Cove, Nunavut	97	0	97	0	0	0
Yorkton Municipal, Saskatchewan	915	23	85	744	62	1
<b>Total (112)</b>	<b>57,252</b>	<b>1,997</b>	<b>23,562</b>	<b>19,938</b>	<b>9,181</b>	<b>105</b>

**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	170						
Amos Municipal, Quebec	173	99	8	56	2	0	8
Arviat, Nunavut	247	22	11	56	27	47	84
Aupaluk, Quebec	65						
Baie-Comeau, Quebec	698	176	126	169	66	90	71
Baker Lake, Nunavut	1,073	514	184	101	45	101	124
Barrie-Orolia-Lake Simcoe Regional, Ontario	884	653	122	56	40	8	5
Bathurst, New Brunswick	342	95	61	67	4	60	55
Beaver Creek, Yukon	162	77	29	14	0	6	36
Bromont, Quebec	820	744	47	8	6	8	7
Buffalo Narrows, Saskatchewan	885	72	158	512	90	0	53
Burwash, Yukon	79	68	4	7	0	0	0
Cambridge Bay, Nunavut	942	196	0	223	157	177	129
Cape Dorset, Nunavut	93	12	0	20	0	26	35
Charlo, New Brunswick	211	64	20	69	25	27	6
Chesterfield Inlet, Nunavut	126	4	0	30	21	36	35
Chevrey, Quebec	221	7	4	88	120	0	2
Chibougamau/Chapais, Quebec	601	202	92	138	43	84	42
Collingwood, Ontario	1,091	962	67	13	16	19	8
Comox, British Columbia	1,591	353	91	50	469	276	71
Coral Harbour, Nunavut	374	135	28	52	51	4	104
Dauphin, Manitoba	482	194	92	168	14	8	0
Dawson, Yukon	1,370	866	219	66	13	9	186
Dawson Creek, British Columbia	745	350	64	54	170	90	17
Déline, Northwest Territories	191	10	74	79	0	2	24
Digby, Nova Scotia	102	98	4	0	0	0	0
Drummondville, Quebec	532	505	6	17	2	0	2
Dryden Regional, Ontario	1,168	279	242	537	49	10	49
Elliot Lake Municipal, Ontario	500	289	96	103	4	8	0
Eureka, Nunavut	190	4	51	127	8	0	0
Faro, Yukon	303	270	22	11	0	0	0
Flin Flon, Manitoba	646	83	75	363	18	99	7
Fort Frances Municipal, Ontario	648	155	171	300	14	8	0
Fort Liard, Northwest Territories	44	16	23	5	0	0	0
Fort McPherson, Northwest Territories	32	0	0	30	0	0	2
Fort Resolution, Northwest Territories	47	24	4	11	0	0	8
Fort Simpson, Northwest Territories	298	69	91	62	2	2	70
Gameti/Rae Lakes, Northwest Territories	179	13	35	90	0	4	37
Gaspé, Quebec	473	94	26	49	7	193	104
Geraldton, Ontario	334	78	119	104	10	0	23
Gillam, Manitoba	397	37	205	37	16	102	0
Gjoa Haven, Nunavut	147	4	0	14	5	50	74
Goose Bay, Newfoundland and Labrador	3,015	618	349	940	203	608	225
Hall Beach, Nunavut	551	35	9	353	12	32	68
Havre St-Pierre, Quebec	851	454	183	114	71	29	0
Hay River, Northwest Territories	667	96	121	105	104	85	152
Hearst/René Fontaine Municipal, Ontario	78	23	0	51	4	0	0
Igloolik, Nunavut	116	2	2	24	12	44	32
Inukjuak, Quebec	248						
Island Lake, Manitoba	998	271	..	452	2	144	65
Ivujivik, Quebec	158						
Kangiqsualujjuaq, Quebec	73		..	..	..	..	..
Kangirsuk, Quebec	190		..	..	..	..	..
Kapuskasing, Ontario	269	8	48	203	4	2	4
Kimmirut, Nunavut	61	23	0	34	4	0	0
Kugaaruk, Nunavut	341	93	31	139	4	31	41
Kugluktuk, Nunavut	544	116	32	165	6	81	140
Kuujjuarapik, Quebec	575	25	0	298	0	130	122
Lourdes-de-Blanc-Sablon, Quebec	421	21	47	142	101	110	0
Lutselk'e, Northwest Territories	304	113	102	75	4	6	4
Mayo, Yukon	530	302	164	60	4	0	0
Miramichi, New Brunswick	639	338	137	56	69	33	6
Moosonee, Ontario	1,640	421	250	642	158	124	45
Muskoka, Ontario	1,743	1,221	146	172	89	55	47
Nakina, Ontario	394	19	194	153	24	0	4
Nanisivik, Nunavut	34	0	0	8	0	0	26
Natashquan, Quebec	299	82	22	112	81	2	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	359	20	21	318	0	0	0	0
Old Crow, Yukon	103	39	2	6	0	0	56	0
Pabok, Quebec	38	4	0	0	0	24	10	0
Pangnirtung, Nunavut	269	29	15	60	0	91	74	0
Paulatuk, Northwest Territories	60	10	0	38	3	9	0	0
Peterborough, Ontario	814	660	64	50	20	6	5	9
Pickle Lake, Ontario	1,646	91	972	210	83	9	281	0
Pond Inlet, Nunavut	75	6	0	17	11	13	28	0
Port-Menier, Quebec	306	4	155	119	4	20	2	2
Prince Rupert/Digby Island, British Columbia	243	2	241	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	1,569	197	1,325	14	0	31	2	0
Puvirnituq, Quebec	474	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	87	2	10	20	3	20	32	0
Quaqtaq, Quebec	104	.	.	.	.	.	.	.
Quesnel, British Columbia	768	461	8	114	180	3	2	0
Red Lake, Ontario	2,239	368	900	642	193	25	111	0
Repulse Bay, Nunavut	239	100	3	54	46	0	36	0
Resolute Bay, Nunavut	403	11	6	270	16	10	64	26
Rimouski, Quebec	438	324	36	58	0	4	16	0
Roberval, Quebec	815	652	79	48	4	2	30	0
Salluit, Quebec	124	.	.	.	.	.	.	.
Sandspit, British Columbia	814	253	33	237	73	19	183	16
Sherbrooke, Quebec	479	355	32	60	12	8	12	0
St. Anthony, Newfoundland and Labrador	364	5	17	105	64	171	2	0
St-Augustin, Quebec	71	4	6	14	41	0	6	0
St. Theresa Point, Manitoba	641	104	37	297	8	152	43	0
Stephenville, Newfoundland and Labrador	218	32	47	30	10	57	4	38
Stony Rapids, Saskatchewan	1,557	360	369	545	124	115	44	0
Sydney, Nova Scotia	771	94	84	57	14	350	80	92
Taloyoak, Nunavut	157	29	4	23	10	44	47	0
Tasiujaq, Quebec	104	.	.	.	.	.	.	.
Teslin, Yukon	67	44	11	12	0	0	0	0
The Pas, Manitoba	577	49	134	151	10	103	130	0
Tillsonburg, Ontario	452	.	.	.	.	.	.	.
Tofino, British Columbia	738	282	310	55	21	68	2	0
Trois-Rivières, Quebec	1,197	1,088	58	24	12	5	2	8
Tuktoyaktuk, Northwest Territories	505	132	10	297	2	64	0	0
Tulita, Northwest Territories	161	58	62	29	0	0	12	0
Umiujaq, Quebec	307	.	.	.	.	.	.	.
Waskaganish, Quebec	195	19	11	12	7	145	1	0
Watson Lake, Yukon	1,067	716	189	69	48	34	2	9
Welland/Niagara Central, Ontario	96	79	17	0	0	0	0	0
Wemindji, Quebec	114	12	0	14	0	88	0	0
Whale Cove, Nunavut	97	0	0	36	22	2	37	0
Yorkton Municipal, Saskatchewan	915	544	243	99	24	0	5	0
<b>Total (112)</b>	<b>57,252</b>	<b>19,413</b>	<b>10,077</b>	<b>12,458</b>	<b>3,535</b>	<b>4,762</b>	<b>3,814</b>	<b>724</b>

**Table 3**  
**Local movements by type of operation**

	Total local movements	Local civil movements	Local military movements
number			
Amos Municipal, Quebec	145	145	0
Baie-Comeau, Quebec	36	36	0
Baker Lake, Nunavut	1	1	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	1,900	1,900	0
Buffalo Narrows, Saskatchewan	4	4	0
Cambridge Bay, Nunavut	40	40	0
Chibougamau/Chapais, Quebec	44	44	0
Collingwood, Ontario	140	140	0
Coral Harbour, Nunavut	10	10	0
Dauphin, Manitoba	48	34	14
Dawson, Yukon	21	21	0
Dawson Creek, British Columbia	26	26	0
Digby, Nova Scotia	120	120	0
Drummondville, Quebec	230	230	0
Dryden Regional, Ontario	105	105	0
Elliot Lake Municipal, Ontario	104	104	0
Flin Flon, Manitoba	28	28	0
Gaspé, Quebec	30	30	0
Geraldton, Ontario	30	30	0
Guelph, Ontario	2,503	2,503	0
Havre St-Pierre, Quebec	32	32	0
Hay River, Northwest Territories	8	8	0
Inukjuak, Quebec	2		
Island Lake, Manitoba	10	10	0
Ivujivik, Quebec	2		
Kapuskasing, Ontario	158	158	0
Kugaaruk, Nunavut	8	8	0
Kugluktuk, Nunavut	47	47	0
Mayo, Yukon	4	4	0
Muskoka, Ontario	552	552	0
Nakina, Ontario	2	2	0
Natashquan, Quebec	18	18	0
Peterborough, Ontario	2,380	2,372	8
Pickle Lake, Ontario	54	54	0
Puvirnituq, Quebec	316		
Quaqtaq, Quebec	8		
Quesnel, British Columbia	86	86	0
Red Lake, Ontario	398	394	4
Repulse Bay, Nunavut	38	38	0
Rimouski, Quebec	92	92	0
Roberval, Quebec	36	36	0
Salluit, Quebec	109		
Sherbrooke, Quebec	896	896	0
St. Theresa Point, Manitoba	2	2	0
Stony Rapids, Saskatchewan	50	50	0
Sydney, Nova Scotia	56	56	0
The Pas, Manitoba	22	22	0
Tillsonburg, Ontario	690		
Trois-Rivières, Quebec	1,753	1,753	0
Umiujaq, Quebec	3		
Waskaganish, Quebec	138	138	0
Watson Lake, Yukon	2	2	0
Welland/Niagara Central, Ontario	1,975	1,975	0
Yorkton Municipal, Saskatchewan	288	288	0
<b>Total (54)</b>	<b>15,800</b>	<b>14,644</b>	<b>26</b>

# Methodology

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## 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

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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**

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## **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
Kangiqsualujuaq	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 July, 2009 but were not available in July, 2010:

- Aklavik, Northwest Territories
- Clyde River, Nunavut
- Eastmain River, Quebec
- Fort Smith, Northwest Territories
- Grise Fiord, Nunavut
- Kangiqsujuaq, Quebec
- Sachs Harbour, Northwest Territories
- Sanikiluaq, Nunavut
- Ulukhakot/Holman, Northwest Territories
- Wrigley, Northwest Territories

b) data for the following airports are included in July, 2010 but not in July, 2009:

- Collingwood, Ontario
- Kugluktuk, Nunavut
- Miramichi, New Brunswick
- Port-Menier, Quebec

# **Appendix II**

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## **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 the calendar year 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:** 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.

## 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.