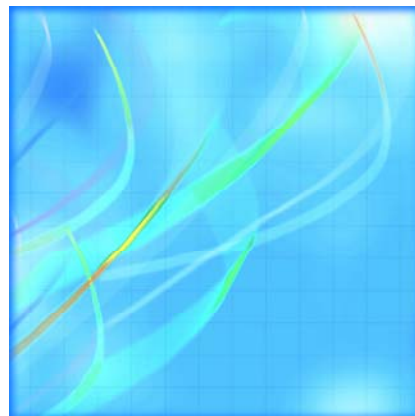


# **Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)**



June 2009



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

June 2009

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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

Goose Bay, Newfoundland and Labrador, the most active site for itinerant movements (flights from one airport to another) in June 2009, recorded 2,720 take-offs and landings, down 9.6% from June 2008.

Guelph, Ontario reported the largest number of local movements (flights that remain in the vicinity of the airport) in June 2009 with 3,420 take-offs and landings, an increase of 85.5% from the previous year.

**Text table 1**

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

	June 2008	June 2009	Percentage change, June 2008 over June 2009	Year-to-date total		Percentage change 2008 over 2009
				2008	2009	
	number		percent	number		percent
<b>Total</b>	<b>63,648</b>	<b>60,178</b>	<b>-5.5</b>	<b>301,048</b>	<b>277,307</b>	<b>-7.9</b>
<b>Itinerant movements</b>						
Carrier	35,439	30,820	-13.0	173,657	148,942	-14.2
Other commercial	2,923	2,791	-4.5	11,419	15,284	33.8
Private	5,492	6,074	10.6	21,691	21,324	-1.7
Government						
Civil	1,976	2,142	8.4	8,271	8,438	2.0
Military	2,555	1,666	-34.8	7,833	6,785	-13.4
<b>Total</b>	<b>49,683</b>	<b>44,683</b>	<b>-10.1</b>	<b>228,163</b>	<b>204,268</b>	<b>-10.5</b>
<b>Local movements</b>						
Civil	11,227	12,610	12.3	57,940	58,675	1.3
Military	178	226	27.0	1,127	1,251	11.0
<b>Total</b>	<b>11,405</b>	<b>12,836</b>	<b>12.5</b>	<b>59,067</b>	<b>59,926</b>	<b>1.5</b>
Number of airports in the survey	119	117	...	119	117	...

## Analysis

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In June 2009, the number of take-offs and landings at the 117 airports without air traffic control towers reached 60,178 movements. This is a decrease of 5.5% compared with the 63,648 take-offs and landings for the 119 airports reported in June 2008. Year over increases were reported by 41 of these airports in June 2009. Guelph, Ontario was the most active site in June 2009, recording 3,420 movements.

There were 44,683 itinerant movements (flights from one airport to another) in June 2009, down 10.1% from the same month a year earlier. Goose Bay, Newfoundland and Labrador was the most active airport, recording 2,720 take-offs and landings, down 9.6% from June 2008.

There were 12,836 local movements (flights that remain in the vicinity of the airport) in June 2009, up 12.5% compared with June 2008. Guelph, Ontario was the most active airport, reporting 3,420 take-offs and landings, an increase of 85.5% from the previous year.

## 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
51-207-X	Air Charter Statistics
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
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**

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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		
Amos Municipal, Quebec	29	220	136	84
Arviat, Nunavut	24	230	230	0
Baie-Comeau, Quebec	30	1,290	1,284	6
Baker Lake, Nunavut	30	618	618	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	30	2,541	937	1,604
Bathurst, New Brunswick	29	261	261	0
Beaver Creek, Yukon	7	13	13	0
Berens River, Manitoba	..	216	..	..
Bloodvein River, Manitoba	..	144	..	..
Brochet, Manitoba	..	90	..	..
Bromont, Quebec	27	440	440	0
Buffalo Narrows, Saskatchewan	30	952	936	16
Burwash, Yukon	10	32	32	0
Cambridge Bay, Nunavut	30	612	596	16
Cape Dorset, Nunavut	20	75	75	0
Charlo, New Brunswick	28	137	137	0
Chesterfield Inlet, Nunavut	20	86	86	0
Chevery, Quebec	27	271	271	0
Chibougamau/Chapais, Quebec	30	1,024	974	50
Clyde River, Nunavut	21	84	84	0
Comox, British Columbia	30	1,811	1,811	0
Coral Harbour, Nunavut	28	202	202	0
Cross Lake, Manitoba	..	138	..	..
Dauphin, Manitoba	30	443	311	132
Dawson, Yukon	30	1,201	1,173	28
Dawson Creek, British Columbia	30	841	665	176
Déline, Northwest Territories	27	186	186	0
Digby, Nova Scotia	21	120	120	0
Digby Island, British Columbia	25	195	195	0
Drummondville, Quebec	29	803	323	480
Dryden Regional, Ontario	30	1,454	1,362	92
Eastmain River, Quebec	20	80	80	0
Elliot Lake Municipal, Ontario	30	360	328	32
Eureka, Nunavut	29	185	185	0
Faro, Yukon	28	119	119	0
Flin Flon, Manitoba	30	589	589	0
Fort Frances Municipal, Ontario	30	592	592	0
Fort Liard, Northwest Territories	19	93	93	0
Fort McPherson, Northwest Territories	18	120	120	0
Fort Resolution, Northwest Territories	16	45	45	0
Gaspé, Quebec	30	369	369	0
Geraldton, Ontario	29	295	281	14
Gillam, Manitoba	29	399	399	0
Gjoa Haven, Nunavut	24	168	168	0
Gods Lake Narrows, Manitoba	..	148	..	..
Gods River, Manitoba	..	180	..	..
Goose Bay, Newfoundland and Labrador	30	2,720	2,720	0
Grise Fiord, Nunavut	7	15	15	0
Guelph, Ontario	27	3,420	0	3,420
Hall Beach, Nunavut	28	289	289	0
Havre St-Pierre, Quebec	29	591	591	0
Hay River, Northwest Territories	30	717	715	2
Hearst/René Fontaine Municipal, Ontario	10	37	37	0
Igloodik, Nunavut	20	112	112	0
Ilford, Manitoba	..	74	..	..
Island Lake, Manitoba	30	863	863	0
Kapuskasing, Ontario	30	302	302	0
Kimmirut, Nunavut	20	57	57	0
Kugaaruk, Nunavut	27	110	110	0
Kuujuarapik, Quebec	30	483	483	0
Lac Brochet, Manitoba	..	148	..	..
Little Grand Rapids, Manitoba	..	224	..	..
Lourdes-de-Blanc-Sablon, Quebec	30	536	516	20
Lutselk'e, Northwest Territories	19	131	131	0
Mayo, Yukon	29	430	408	22
Moosonee, Ontario	30	1,479	1,417	62
Muskoka, Ontario	30	2,138	1,298	840
Nakina, Ontario	30	352	349	3

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			
Nanisivik, Nunavut	9	22	22	0
Natashquan, Quebec	29	317	317	0
Norway House, Manitoba	30	427	427	0
Old Crow, Yukon	29	171	171	0
Oxford House, Manitoba	..	250	..	..
Pabok, Quebec	3	4	4	0
Pangnirtung, Nunavut	27	200	196	4
Peterborough, Ontario	30	1,775	693	1,082
Pickle Lake, Ontario	30	1,689	1,493	196
Pikwitonei, Manitoba	..	34	..	..
Pond Inlet, Nunavut	22	91	91	0
Poplar River, Manitoba	..	243	..	..
Prince Rupert/Seal Cove, British Columbia	30	1,545	1,545	0
Pukatawagan, Manitoba	..	133	..	..
Qikiqtarjuaq, Nunavut	22	79	79	0
Quesnel, British Columbia	30	765	523	242
Red Lake, Ontario	30	2,113	2,097	16
Red Sucker Lake, Manitoba	..	150	..	..
Repulse Bay, Nunavut	25	104	104	0
Resolute Bay, Nunavut	30	326	326	0
Rimouski, Quebec	28	345	301	44
Roberval, Quebec	29	1,002	900	102
Sandspit, British Columbia	30	601	601	0
Sanikiluaq, Nunavut	19	91	91	0
Shamattawa, Manitoba	..	272	..	..
Sherbrooke, Quebec	30	1,532	672	860
South Indian Lake, Manitoba	..	64	..	..
St. Anthony, Newfoundland and Labrador	30	338	338	0
St. Theresa Point, Manitoba	30	563	563	0
Stephenville, Newfoundland and Labrador	30	190	190	0
Stony Rapids, Saskatchewan	30	961	961	0
Sydney, Nova Scotia	30	686	670	16
Tadoule Lake, Manitoba	..	88	..	..
Taloyoak, Nunavut	29	132	132	0
Teslin, Yukon	23	65	65	0
The Pas, Manitoba	30	542	536	6
Thicket Portage, Manitoba	..	18	..	..
Tofino, British Columbia	30	615	593	22
Trois-Rivières, Quebec	29	1,954	850	1,104
Tuktoyaktuk, Northwest Territories	1	5	5	0
Tulita, Northwest Territories	10	108	108	0
Ulukhakt/Holman, Northwest Territories	25	80	80	0
Waskaganish, Quebec	15	154	150	4
Watson Lake, Yukon	30	729	729	0
Welland/Niagara Central, Ontario	28	1,926	115	1,811
Whale Cove, Nunavut	25	125	125	0
Wrigley, Northwest Territories	6	15	15	0
York Landing, Manitoba	..	45	..	..
Yorkton Municipal, Saskatchewan	30	794	566	228
<b>Total (117)</b>	<b>30</b>	<b>60,178</b>	<b>44,683</b>	<b>12,836</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							
Amos Municipal, Quebec	136	52	5	64	0	0	0	15	0
Arviat, Nunavut	230	225	1	2	0	0	0	2	0
Baie-Comeau, Quebec	1,284	946	99	78	0	0	1	156	4
Baker Lake, Nunavut	618	541	49	23	0	0	0	3	2
Barrie-Orillia-Lake Simcoe Regional, Ontario	937	287	115	382	2	1	32	79	39
Bathurst, New Brunswick	261	180	10	11	22	2	18	14	4
Beaver Creek, Yukon	13	2	0	7	0	0	3	1	0
Bromont, Quebec	440	33	146	252	3	0	4	2	0
Buffalo Narrows, Saskatchewan	936	712	4	46	0	0	0	119	55
Burwash, Yukon	32	18	2	10	0	0	2	0	0
Cambridge Bay, Nunavut	596	528	24	24	0	0	0	12	8
Cape Dorset, Nunavut	75	73	0	0	0	0	0	2	0
Charlo, New Brunswick	137	26	12	71	0	0	21	7	0
Chesterfield Inlet, Nunavut	86	80	0	0	0	0	0	6	0
Chevery, Quebec	271	203	62	6	0	0	0	0	0
Chibougamau/Chapais, Quebec	974	638	77	133	0	1	0	124	1
Clyde River, Nunavut	84	82	0	2	0	0	0	0	0
Comox, British Columbia	1,811	988	2	9	0	4	1	55	752
Coral Harbour, Nunavut	202	167	29	0	0	0	0	4	2
Dauphin, Manitoba	311	117	58	82	0	0	0	15	39
Dawson, Yukon	1,173	783	97	238	9	0	39	4	3
Dawson Creek, British Columbia	665	384	58	223	0	0	0	0	0
Déline, Northwest Territories	186	180	0	1	0	0	0	5	0
Digby, Nova Scotia	120	13	12	90	0	0	3	2	0
Digby Island, British Columbia	195	195	0	0	0	0	0	0	0
Drummondville, Quebec	323	69	42	207	0	0	3	0	2
Dryden Regional, Ontario	1,362	926	68	68	4	0	26	178	92
Eastmain River, Quebec	80	79	0	0	1	0	0	0	0
Elliot Lake Municipal, Ontario	328	176	82	66	0	0	0	2	2
Eureka, Nunavut	185	18	0	4	84	0	0	0	79
Faro, Yukon	119	101	7	11	0	0	0	0	0
Flin Flon, Manitoba	589	469	8	60	0	0	10	39	3
Fort Frances Municipal, Ontario	592	449	5	127	0	0	2	9	0
Fort Liard, Northwest Territories	93	87	0	3	0	0	0	3	0
Fort McPherson, Northwest Territories	120	106	0	5	1	0	0	8	0
Fort Resolution, Northwest Territories	45	37	0	2	0	0	0	2	4
Gaspé, Quebec	369	269	19	26	0	0	0	55	0
Geraldton, Ontario	281	153	59	21	0	0	0	48	0
Gillam, Manitoba	399	393	0	0	0	0	0	6	0
Gjoa Haven, Nunavut	168	148	4	10	0	0	0	6	0
Goose Bay, Newfoundland and Labrador	2,720	1,841	124	150	85	51	188	128	153
Grise Fiord, Nunavut	15	13	0	0	0	0	0	2	0
Hall Beach, Nunavut	289	244	0	45	0	0	0	0	0
Havre St-Pierre, Quebec	591	484	60	27	0	0	2	18	0
Hay River, Northwest Territories	715	584	2	39	0	0	0	50	40
Hearst/René Fontaine Municipal, Ontario	37	27	1	7	0	0	0	2	0
Igloolik, Nunavut	112	101	7	1	0	0	0	3	0
Island Lake, Manitoba	863	814	6	12	0	0	0	31	0
Kapuskasing, Ontario	302	206	3	0	66	2	5	2	18
Kimirut, Nunavut	57	53	2	0	0	0	0	2	0
Kugaaruk, Nunavut	110	92	0	2	0	0	0	16	0
Kuujuarapik, Quebec	483	471	2	4	0	0	0	6	0
Louderes-de-Blanc-Sablon, Quebec	516	438	42	29	0	0	0	7	0
Lutsel'e, Northwest Territories	131	117	6	0	0	0	0	6	2
Mayo, Yukon	408	384	2	22	0	0	0	0	0
Moosonee, Ontario	1,417	1,303	7	65	0	0	0	42	0
Muskoka, Ontario	1,298	339	241	587	12	0	57	43	19
Nakina, Ontario	349	338	4	5	0	0	0	2	0
Nanisivik, Nunavut	22	18	0	0	0	0	0	4	0
Natashquan, Quebec	317	274	8	30	0	0	0	5	0
Norway House, Manitoba	427	346	20	21	0	0	0	40	0
Old Crow, Yukon	171	156	0	5	9	0	1	0	0
Pabok, Quebec	4	4	0	0	0	0	0	0	0
Pangnirtung, Nunavut	196	185	1	0	0	0	0	4	6
Peterborough, Ontario	693	78	213	377	0	0	0	21	4
Pickle Lake, Ontario	1,493	1,354	5	75	0	0	4	32	23
Pond Inlet, Nunavut	91	76	4	5	0	0	0	4	2

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							
Prince Rupert/Seal Cove, British Columbia	1,545	1,359	0	48	2	0	10	124	2
Qikiqtarjuaq, Nunavut	79	73	1	3	0	0	0	2	0
Quesnel, British Columbia	523	235	34	248	0	0	0	6	0
Red Lake, Ontario	2,097	1,553	211	132	2	0	61	98	40
Repulse Bay, Nunavut	104	92	2	0	0	0	0	10	0
Resolute Bay, Nunavut	326	262	26	12	0	0	0	4	22
Rimouski, Quebec	301	165	28	86	0	0	0	22	0
Roberval, Quebec	900	447	158	150	0	0	0	107	38
Sandspit, British Columbia	601	555	0	12	2	0	0	16	16
Sanikiluaq, Nunavut	91	90	1	0	0	0	0	0	0
Sherbrooke, Quebec	672	113	26	295	126	0	103	6	3
St. Anthony, Newfoundland and Labrador	338	292	6	18	1	0	1	16	4
St. Theresa Point, Manitoba	563	535	0	0	0	0	0	28	0
Stephenville, Newfoundland and Labrador	190	126	6	11	4	2	10	12	19
Stony Rapids, Saskatchewan	961	829	73	21	0	0	2	36	0
Sydney, Nova Scotia	670	509	11	66	5	0	11	14	54
Taloyoak, Nunavut	132	126	0	0	0	0	0	4	2
Teslin, Yukon	65	28	0	35	0	0	0	2	0
The Pas, Manitoba	536	317	53	30	0	0	2	83	51
Tofino, British Columbia	593	287	20	184	0	0	18	68	16
Trois-Rivières, Quebec	850	313	166	357	0	1	2	2	9
Tuktoyaktuk, Northwest Territories	5	4	0	1	0	0	0	0	0
Tulita, Northwest Territories	108	98	2	4	0	0	0	4	0
Ulukhakt/Holman, Northwest Territories	80	76	0	0	0	0	0	4	0
Waskaganish, Quebec	150	150	0	0	0	0	0	0	0
Watson Lake, Yukon	729	385	3	334	0	0	5	0	2
Welland/Niagara Central, Ontario	115	15	4	46	1	3	35	11	0
Whale Cove, Nunavut	125	123	0	0	0	0	0	2	0
Wrigley, Northwest Territories	15	11	2	2	0	0	0	0	0
Yorkton Municipal, Saskatchewan	566	379	42	107	0	0	0	8	30
<b>Total (97)</b>	<b>44,683</b>	<b>30,820</b>	<b>2,791</b>	<b>6,074</b>	<b>441</b>	<b>67</b>	<b>682</b>	<b>2,142</b>	<b>1,666</b>

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

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Amos Municipal, Quebec	136	17	32	70	17	0
Arviat, Nunavut	230	0	221	3	6	0
Baie-Comeau, Quebec	1,284	16	608	501	159	0
Baker Lake, Nunavut	618	0	410	51	157	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	937	79	113	549	196	0
Bathurst, New Brunswick	261	4	154	101	2	0
Beaver Creek, Yukon	13	0	3	10	0	0
Bromont, Quebec	440	6	22	387	24	1
Buffalo Narrows, Saskatchewan	936	1	534	294	107	0
Burwash, Yukon	32	0	0	14	18	0
Cambridge Bay, Nunavut	596	54	357	18	167	0
Cape Dorset, Nunavut	75	0	74	0	1	0
Charlo, New Brunswick	137	34	44	55	4	0
Chesterfield Inlet, Nunavut	86	0	79	3	4	0
Chevery, Quebec	271	0	259	4	8	0
Chibougamau/Chapais, Quebec	974	8	427	253	286	0
Clyde River, Nunavut	84	0	78	2	4	0
Comox, British Columbia	1,811	281	898	411	159	62
Coral Harbour, Nunavut	202	0	166	31	5	0
Dauphin, Manitoba	311	11	139	144	17	0
Dawson, Yukon	1,173	0	144	617	412	0
Dawson Creek, British Columbia	665	16	275	305	69	0
Déline, Northwest Territories	186	0	145	41	0	0
Digby, Nova Scotia	120	0	0	106	14	0
Digby Island, British Columbia	195	0	6	189	0	0
Drummondville, Quebec	323	0	8	285	25	5
Dryden Regional, Ontario	1,362	18	710	416	218	0
Eastmain River, Quebec	80	0	78	2	0	0
Elliot Lake Municipal, Ontario	328	0	166	148	14	0
Eureka, Nunavut	185	0	129	0	56	0
Faro, Yukon	119	0	4	29	86	0
Flin Flon, Manitoba	589	14	389	182	4	0
Fort Frances Municipal, Ontario	592	9	352	207	24	0
Fort Liard, Northwest Territories	93	0	13	36	44	0
Fort McPherson, Northwest Territories	120	0	112	6	2	0
Fort Resolution, Northwest Territories	45	0	23	15	7	0
Gaspé, Quebec	369	17	281	55	16	0
Geraldton, Ontario	281	0	116	142	23	0
Gillam, Manitoba	399	2	164	233	0	0
Gjoa Haven, Nunavut	168	4	146	13	5	0
Goose Bay, Newfoundland and Labrador	2,720	414	1,454	136	716	0
Grise Fiord, Nunavut	15	0	13	0	2	0
Hall Beach, Nunavut	289	0	190	31	68	0
Havre St-Pierre, Quebec	591	6	92	216	277	0
Hay River, Northwest Territories	715	10	445	239	21	0
Hearst/René Fontaine Municipal, Ontario	37	0	23	12	2	0
Igloolik, Nunavut	112	0	107	0	5	0
Island Lake, Manitoba	863	0	491	129	243	0
Kapuskasing, Ontario	302	0	270	11	21	0
Kimmirut, Nunavut	57	0	55	0	2	0
Kugaaruk, Nunavut	110	10	92	0	8	0
Kuujuarapik, Quebec	483	4	461	4	14	0
Lourdes-de-Blanc-Sablon, Quebec	516	8	434	53	21	0
Lutselk'e, Northwest Territories	131	0	99	32	0	0
Mayo, Yukon	408	0	72	136	200	0
Moosonee, Ontario	1,417	0	807	428	182	0
Muskoka, Ontario	1,298	60	106	963	169	0
Nakina, Ontario	349	0	325	10	14	0
Nanisivik, Nunavut	22	0	22	0	0	0
Natashquan, Quebec	317	0	252	36	29	0
Norway House, Manitoba	427	6	339	75	7	0
Old Crow, Yukon	171	0	146	14	11	0
Pabok, Quebec	4	0	2	2	0	0
Pangnirtung, Nunavut	196	0	168	18	10	0
Peterborough, Ontario	693	31	30	578	50	4
Pickle Lake, Ontario	1,493	2	1,106	260	125	0
Pond Inlet, Nunavut	91	0	86	2	3	0
Prince Rupert/Seal Cove, British Columbia	1,545	0	199	1,051	295	0

Table 2-2 – continued

## Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Qikiqtarjuaq, Nunavut	79	0	69	5	5	0
Quesnel, British Columbia	523	10	186	244	83	0
Red Lake, Ontario	2,097	12	1,239	797	49	0
Repulse Bay, Nunavut	104	0	87	15	2	0
Resolute Bay, Nunavut	326	6	285	0	35	0
Rimouski, Quebec	301	15	117	128	41	0
Roberval, Quebec	900	26	182	484	208	0
Sandspit, British Columbia	601	22	216	10	353	0
Sanikiluaq, Nunavut	91	0	82	9	0	0
Sherbrooke, Quebec	672	6	29	562	75	0
St. Anthony, Newfoundland and Labrador	338	4	298	16	20	0
St. Theresa Point, Manitoba	563	0	372	101	90	0
Stephenville, Newfoundland and Labrador	190	50	106	15	19	0
Stony Rapids, Saskatchewan	961	6	559	386	10	0
Sydney, Nova Scotia	670	127	328	170	45	0
Taloyoak, Nunavut	132	4	128	0	0	0
Teslin, Yukon	65	0	2	59	4	0
The Pas, Manitoba	536	14	303	177	42	0
Tofino, British Columbia	593	16	98	376	103	0
Trois-Rivières, Quebec	850	22	28	746	54	0
Tuktoyaktuk, Northwest Territories	5	0	2	3	0	0
Tulita, Northwest Territories	108	0	61	41	6	0
Ulukhakt/Holman, Northwest Territories	80	0	70	0	10	0
Waskaganish, Quebec	150	0	140	10	0	0
Watson Lake, Yukon	729	10	53	511	155	0
Welland/Niagara Central, Ontario	115	0	8	107	0	0
Whale Cove, Nunavut	125	0	107	18	0	0
Wrigley, Northwest Territories	15	0	4	9	2	0
Yorkton Municipal, Saskatchewan	566	18	50	426	72	0
<b>Total (97)</b>	<b>44,683</b>	<b>1,510</b>	<b>20,974</b>	<b>15,789</b>	<b>6,338</b>	<b>72</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						
Amos Municipal, Quebec	136	84	3	31	0	2	16	0
Arviat, Nunavut	230	5	6	79	32	55	53	0
Baie-Comeau, Quebec	1,284	458	217	323	113	140	32	1
Baker Lake, Nunavut	618	156	52	145	70	77	118	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	937	663	132	69	52	7	14	0
Bathurst, New Brunswick	261	48	57	46	8	56	46	0
Beaver Creek, Yukon	13	8	2	3	0	0	0	0
Bromont, Quebec	440	389	22	21	2	2	4	0
Buffalo Narrows, Saskatchewan	936	79	183	485	88	0	100	1
Burwash, Yukon	32	30	0	2	0	0	0	0
Cambridge Bay, Nunavut	596	22	14	317	51	72	86	34
Cape Dorset, Nunavut	75	1	0	19	0	46	9	0
Charlo, New Brunswick	137	33	24	31	11	22	10	6
Chesterfield Inlet, Nunavut	86	7	0	13	31	15	20	0
Chevery, Quebec	271	8	4	111	144	4	0	0
Chibougamau/Chapais, Quebec	974	356	216	181	18	76	126	1
Clyde River, Nunavut	84	0	0	22	0	16	46	0
Comox, British Columbia	1,811	424	100	51	415	350	186	285
Coral Harbour, Nunavut	202	3	24	46	37	69	17	6
Dauphin, Manitoba	311	147	14	131	9	6	0	4
Dawson, Yukon	1,173	924	92	36	2	0	104	15
Dawson Creek, British Columbia	665	363	17	45	134	102	4	0
Déline, Northwest Territories	186	9	63	87	0	1	26	0
Digby, Nova Scotia	120	114	6	0	0	0	0	0
Digby Island, British Columbia	195	0	195	0	0	0	0	0
Drummondville, Quebec	323	311	5	5	2	0	0	0
Dryden Regional, Ontario	1,362	254	359	660	23	5	51	10
Eastmain River, Quebec	80	0	2	4	10	64	0	0
Elliot Lake Municipal, Ontario	328	132	94	92	2	8	0	0
Eureka, Nunavut	185	0	0	151	26	4	0	4
Faro, Yukon	119	112	3	4	0	0	0	0
Flin Flon, Manitoba	589	63	124	292	14	94	2	0
Fort Frances Municipal, Ontario	592	107	187	287	8	2	0	1
Fort Liard, Northwest Territories	93	49	34	10	0	0	0	0
Fort McPherson, Northwest Territories	120	8	0	29	0	0	83	0
Fort Resolution, Northwest Territories	45	13	9	17	4	0	2	0
Gaspé, Quebec	369	41	30	30	4	162	101	1
Geraldton, Ontario	281	34	143	60	8	2	34	0
Gillam, Manitoba	399	19	214	16	4	134	12	0
Gjoa Haven, Nunavut	168	11	7	24	5	44	77	0
Goose Bay, Newfoundland and Labrador	2,720	497	296	911	170	562	187	97
Grise Fiord, Nunavut	15	0	0	15	0	0	0	0
Hall Beach, Nunavut	289	2	0	160	0	60	63	4
Havre St-Pierre, Quebec	591	289	204	67	14	15	2	0
Hay River, Northwest Territories	715	91	69	175	28	174	174	4
Hearst/René Fontaine Municipal, Ontario	37	7	7	23	0	0	0	0
Igloodik, Nunavut	112	1	0	23	11	41	36	0
Island Lake, Manitoba	863	297	33	380	2	119	32	0
Kapuskasing, Ontario	302	26	50	226	0	0	0	0
Kimmirut, Nunavut	57	0	0	55	0	2	0	0
Kugaaruk, Nunavut	110	2	0	33	10	31	34	0
Kuujuarapik, Quebec	483	14	2	223	6	156	82	0
Lourdes-de-Blanc-Sablon, Quebec	516	36	40	192	109	135	4	0
Lutselk'e, Northwest Territories	131	6	73	40	6	2	4	0
Mayo, Yukon	408	209	75	69	0	44	2	9
Moosonee, Ontario	1,417	279	227	578	163	117	53	0
Muskoka, Ontario	1,298	1,035	45	138	35	13	14	18
Nakina, Ontario	349	17	199	107	26	0	0	0
Nanisivik, Nunavut	22	0	0	4	0	0	18	0
Natashquan, Quebec	317	48	17	87	89	74	2	0
Norway House, Manitoba	427	24	61	318	24	0	0	0
Old Crow, Yukon	171	25	0	6	0	0	140	0
Pabok, Quebec	4	0	2	2	0	0	0	0
Pangnirtung, Nunavut	196	1	5	33	1	80	76	0
Peterborough, Ontario	693	558	70	30	10	14	9	2
Pickle Lake, Ontario	1,493	147	812	264	45	0	220	5
Pond Inlet, Nunavut	91	2	1	32	6	19	31	0

Table 2-3 – continued

## Itinerant movements by aircraft weight groups

	Total itinerant movements	Gross take-off weight in kilograms						number
		2 000 and under	2 001 to 4 000	4 001 to 5 670	5 671 to 9 000	9 001 to 18 000	18 001 to 35 000	35 001 and over
Prince Rupert/Seal Cove, British Columbia	1,545	183	1,317	13	0	30	2	0
Qikiqtarjuaq, Nunavut	79	2	4	23	2	21	27	0
Quesnel, British Columbia	523	295	12	26	188	2	0	0
Red Lake, Ontario	2,097	318	762	697	193	18	109	0
Repulse Bay, Nunavut	104	15	0	28	19	37	5	0
Resolute Bay, Nunavut	326	23	0	199	28	10	52	14
Rimouski, Quebec	301	142	29	106	2	7	15	0
Roberval, Quebec	900	511	208	67	2	4	108	0
Sandspit, British Columbia	601	230	14	93	40	76	130	18
Sanikiluaq, Nunavut	91	9	0	42	14	0	26	0
Sherbrooke, Quebec	672	579	52	20	3	14	4	0
St. Anthony, Newfoundland and Labrador	338	10	23	107	33	162	0	3
St. Theresa Point, Manitoba	563	140	23	244	0	130	26	0
Stephenville, Newfoundland and Labrador	190	14	16	31	10	66	6	47
Stony Rapids, Saskatchewan	961	27	375	309	125	123	2	0
Sydney, Nova Scotia	670	94	92	42	2	303	89	48
Taloyoak, Nunavut	132	0	0	22	4	54	50	2
Teslin, Yukon	65	57	6	2	0	0	0	0
The Pas, Manitoba	536	61	117	155	57	92	54	0
Tofino, British Columbia	593	277	185	57	29	26	9	10
Trois-Rivières, Quebec	850	745	52	22	10	6	3	12
Tuktoyaktuk, Northwest Territories	5	3	0	2	0	0	0	0
Tulita, Northwest Territories	108	30	43	25	0	0	10	0
Ulukhakt/Holman, Northwest Territories	80	10	0	25	15	0	30	0
Waskaganish, Quebec	150	0	10	18	16	106	0	0
Watson Lake, Yukon	729	474	140	23	26	42	20	4
Welland/Niagara Central, Ontario	115	97	10	2	0	6	0	0
Whale Cove, Nunavut	125	18	4	28	29	44	2	0
Wrigley, Northwest Territories	15	9	2	4	0	0	0	0
Yorkton Municipal, Saskatchewan	566	331	133	82	20	0	0	0
<b>Total (97)</b>	<b>44,683</b>	<b>13,802</b>	<b>8,571</b>	<b>10,680</b>	<b>2,949</b>	<b>4,674</b>	<b>3,341</b>	<b>666</b>

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

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	84	84	0
Baie-Comeau, Quebec	6	6	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	1,604	1,594	10
Buffalo Narrows, Saskatchewan	16	16	0
Cambridge Bay, Nunavut	16	16	0
Chibougamau/Chapais, Quebec	50	50	0
Dauphin, Manitoba	132	124	8
Dawson, Yukon	28	28	0
Dawson Creek, British Columbia	176	176	0
Drummondville, Quebec	480	272	208
Dryden Regional, Ontario	92	92	0
Elliot Lake Municipal, Ontario	32	32	0
Geraldton, Ontario	14	14	0
Guelph, Ontario	3,420	3,420	0
Hay River, Northwest Territories	2	2	0
Lourdes-de-Blanc-Sablon, Quebec	20	20	0
Mayo, Yukon	22	22	0
Moosonee, Ontario	62	62	0
Muskoka, Ontario	840	840	0
Nakina, Ontario	3	3	0
Pangnirtung, Nunavut	4	4	0
Peterborough, Ontario	1,082	1,082	0
Pickle Lake, Ontario	196	196	0
Quesnel, British Columbia	242	242	0
Red Lake, Ontario	16	16	0
Rimouski, Quebec	44	44	0
Roberval, Quebec	102	102	0
Sherbrooke, Quebec	860	860	0
Sydney, Nova Scotia	16	16	0
The Pas, Manitoba	6	6	0
Tofino, British Columbia	22	22	0
Trois-Rivières, Quebec	1,104	1,104	0
Waskaganish, Quebec	4	4	0
Welland/Niagara Central, Ontario	1,811	1,811	0
Yorkton Municipal, Saskatchewan	228	228	0
<b>Total (35)</b>	<b>12,836</b>	<b>12,610</b>	<b>226</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. When comparing monthly data for current year versus previous year, please note that:

i) data for the following airports were included in the report for June, 2008 but were not available in June, 2009:

1. Aklavik, Northwest Territories
2. Fort Good Hope, Northwest Territories
3. Fort Simpson, Northwest Territories
4. Fort Smith, Northwest Territories
5. Gamèti/Rae Lakes, Northwest Territories
6. Kugluktuk, Nunavut
7. Paulatuk, Northwest Territories

ii) data for the following airports are included in June, 2009 but not in June, 2008:

1. Clyde River, Nunavut
2. Hall Beach, Nunavut
3. Kuujjuarapik, Quebec
4. Pangnirtung, Nunavut
5. St. Anthony, Newfoundland and Labrador

## 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 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 preceding 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 Mirabel airport from London, England would appear under “other international”. If the same aircraft moved on to Toronto, both the departure at Mirabel 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.