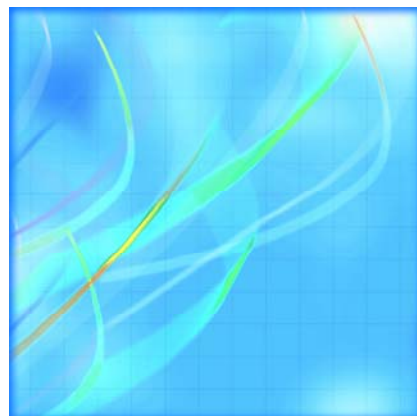




Catalogue no. 51-008-X

# Aircraft Movement Statistics: Airports Without Air Traffic Control Towers



March 2007



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Statistics Canada  
Transportation Division

# Aircraft Movement Statistics: Airports Without Air Traffic Control Towers

March 2007

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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

- In March 2007 the number of landings and take-offs at the Canadian airports without NAV CANADA air traffic control towers and flight service stations totalled 45,481. The itinerant category represented approximately 69% of the total movements.
- Guelph, Ontario was the most active station overall and the most active local station with 5,964 reported movements. The itinerant category was led by Goose Bay with 2,452 movements.

### Text table 1

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

	March 2006	March 2007	Percentage change, March 2006 over March 2007	Year-to-date total		Percentage change 2006 over 2007
	number		percent	number		percent
<b>Total</b>	<b>48,000</b>	<b>45,481</b>	<b>-5.2</b>	<b>112,741</b>	<b>119,769</b>	<b>6.2</b>
<b>Itinerant movements</b>						
Carrier	24,994	24,315	-2.7	65,720	69,312	5.5
Other commercial	1,391	1,395	0.3	3,276	3,146	-4.0
Private	3,654	2,961	-19.0	7,555	7,157	-5.3
Government						
Civil	1,072	1,021	-4.8	2,802	2,873	2.5
Military	920	1,023	11.2	2,189	2,370	8.3
<b>Total</b>	<b>32,541</b>	<b>31,379</b>	<b>-3.6</b>	<b>82,803</b>	<b>86,802</b>	<b>4.8</b>
<b>Local movements</b>						
Civil	15,412	11,975	-22.3	29,871	26,303	-11.9
Military	47	4	-91.5	67	28	-58.2
<b>Total</b>	<b>15,459</b>	<b>11,979</b>	<b>-22.5</b>	<b>29,938</b>	<b>26,331</b>	<b>-12.0</b>
Number of airports in the survey	94	120	...	94	120	...

## Analysis

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In March 2007, the number of itinerant and local movements for the 120 airports without air traffic control towers reached 45,481 take-offs and landings. This is a decrease of 5.2% compared to the 48,000 take-offs and landings from 94 airports in March 2006.

The majority of the increase in airports in the 2007 data is due to the inclusion of 19 Manitoba airports. See [*Factors influencing the data*] for a list of these airports.

Guelph, Ontario was the most active site overall in March 2007. It recorded a total of 5,964 movements. All of these movements were local movements (flights that remain in the vicinity of the airport).

### **Itinerant Movements:**

Itinerant movements (flights from one airport to another) decreased by 3.6% (-1,162) in March 2007 compared with March 2006.

Goose Bay, Newfoundland and Labrador was the most active airport for itinerant movements with 2,452 take-offs and landings, up 55 movements compared with March 2006.

Domestic itinerant movements of air carriers (24,315) accounted for 77.5% of all itinerant movements in March 2007. They are down 2.7% over March 2006 (24,994 movements).

### **Local Movements:**

Local movements (flights that remain in the vicinity of the airport) decreased by 22.5% or 3,480 movements in March 2007 compared with the 15,459 movements reported in March 2006.

Guelph, Ontario airport was most active for local movements with 5,964 landings and take-offs. Guelph movements were up 20.8% (1,026 movements) from March 2006.

The majority of local movements are civil movements. In March 2007, only 4 of the 11,979 local movements were reported as military. The remaining 11,975 take-offs and landings were civil movements.

# 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			
Aklavik, Northwest Territories	12	28	28	0
Amos Municipal, Quebec	19	132	91	41
Arviat, Nunavut	29	142	142	0
Baie-Comeau, Quebec	30	590	584	6
Baker Lake, Nunavut	13	207	207	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	30	1,457	417	1,040
Bathurst, New Brunswick	31	241	231	10
Beaver Creek, Yukon Territory	5	10	10	0
Berens River, Manitoba	..	152	..	..
Bloodvein River, Manitoba	..	115	..	..
Brochet, Manitoba	..	94	..	..
Bromont, Quebec	25	524	427	97
Buffalo Narrows, Saskatchewan	29	480	442	38
Burwash, Yukon Territory	..	..	..	..
Cambridge Bay, Nunavut	30	254	254	0
Cape Dorset, Nunavut	13	42	42	0
Chesterfield Inlet, Nunavut	..	..	..	..
Chevery, Quebec	28	296	296	0
Chibougamau/Chapais, Quebec	31	320	320	0
Comox, British Columbia	31	1,749	1,749	0
Coral Harbour, Nunavut	27	117	117	0
Cross Lake, Manitoba	..	101	..	..
Dauphin, Manitoba	27	469	303	166
Dawson, Yukon Territory	27	125	125	0
Dawson Creek, British Columbia	31	600	508	92
Delin�, Northwest Territories	31	443	443	0
Digby Island, British Columbia	7	16	16	0
Digby, Nova Scotia	11	95	95	0
Drummondville, Quebec	22	292	248	44
Dryden Regional, Ontario	31	752	678	74
Eastmain River, Quebec	24	112	112	0
Elliot Lake Municipal, Ontario	29	482	286	196
Eureka, Nunavut	..	..	..	..
Faro, Yukon Territory	10	21	21	0
Flin Flon, Manitoba	31	481	481	0
Fort Frances Municipal, Ontario	30	410	410	0
Fort Good Hope, Northwest Territories	20	185	185	0
Fort Liard, Northwest Territories	14	57	57	0
Fort McPherson, Northwest Territories	12	76	76	0
Fort Resolution, Northwest Territories	12	161	49	112
Fort Simpson, Northwest Territories	31	222	199	23
Fort Smith, Northwest Territories	31	480	474	6
Gam�ti/Rae Lakes, Northwest Territories	14	53	53	0
Gasp�, Quebec	30	349	349	0
Geraldton, Ontario	18	80	80	0
Gillam, Manitoba	30	404	404	0
Gjoa Haven, Nunavut	28	156	156	0
God's Lake Narrows, Manitoba	..	112	..	..
God's River, Manitoba	..	146	..	..
Goose Bay, Newfoundland	31	2,452	2,452	0
Grise Fiord, Nunavut	13	27	27	0
Guelph, Ontario	20	5,964	0	5,964
Hall Beach, Nunavut	22	71	71	0
Havre St-Pierre, Quebec	27	238	238	0
Hay River, Northwest Territories	31	432	428	4
Hearst/Ren� Fontaine Municipal, Ontario	11	39	39	0
Igloolik, Nunavut	24	86	86	0
Ilford, Manitoba	..	32	..	..
Island Lake, Manitoba	30	701	701	0
Kapuskasing, Ontario	30	343	267	76
Kimmirut, Nunavut	..	..	..	..
Kugaaruk, Nunavut	20	69	69	0
Lac Brochet, Manitoba	..	156	..	..
Little Grands Rapids, Manitoba	..	245	..	..
Liverpool, Nova Scotia	5	28	14	14
Lourdes-de-Blanc-Sablon, Quebec	31	582	573	9
Lutselk'e, Northwest Territories	29	219	219	0
Mayo, Yukon Territory	21	86	86	0

Table 1 – continued

## Total aircraft movements by class of operation

	Number of days reported for current month	Total, itinerant and local movements	Total itinerant movements	Total local movements
		number		
Moosonee, Ontario	31	1,609	1,550	59
Muskoka, Ontario	30	908	582	326
Nakina, Ontario	31	645	645	0
Nanisivik, Nunavut	26	66	66	0
Natashquan, Quebec	25	275	275	0
Norway House, Manitoba	31	415	415	0
Old Crow, Yukon Territory	22	97	97	0
Oxford House, Manitoba	..	174	..	..
Pabok, Quebec	12	24	24	0
Pangnirtung, Nunavut	26	155	155	0
Paulatuk, Northwest Territories	19	89	89	0
Peterborough, Ontario	31	589	404	185
Pickle Lake, Ontario	31	1,128	1,072	56
Pikwitonei, Manitoba	..	4	..	..
Pond Inlet, Nunavut	22	83	83	0
Poplar River, Manitoba	..	0	..	..
Prince Rupert/Seal Cove, British Columbia	30	1,187	1,187	0
Pukatawagan, Manitoba	..	131	..	..
Qikiqtarjuaq, Nunavut	20	113	113	0
Quesnel, British Columbia	31	312	290	22
Red Lake, Ontario	31	1,319	1,271	48
Red Sucker Lake, Manitoba	..	287	..	..
Repulse Bay, Nunavut	21	87	87	0
Resolute Bay, Nunavut	25	294	294	0
Rimouski, Quebec	27	536	302	234
Roberval, Quebec	31	361	277	84
Sachs Harbour, Northwest Territories	14	37	37	0
Sandspit, British Columbia	31	355	355	0
Sanikiluaq, Nunavut	24	96	96	0
Shamattawa, Manitoba	..	194	..	..
Sherbrooke, Quebec	27	543	248	295
South Indian Lake, Manitoba	..	60	..	..
St. Theresa Point, Manitoba	30	360	360	0
Stephenville, Newfoundland and Labrador	28	208	168	40
Stony Rapids, Saskatchewan	31	1,062	1,060	2
Sydney, Nova Scotia	31	515	515	0
Tadoule Lake, Manitoba	..	78	..	..
Taloyoak, Nunavut	28	100	100	0
The Pas, Manitoba	31	317	311	6
Thicket Portage, Manitoba	..	4	..	..
Tofino, British Columbia	26	249	245	4
Trois-Rivières, Quebec	29	1,512	924	588
Tuktoyaktuk, Northwest Territories	25	127	127	0
Tulita, Northwest Territories	..	..	..	..
Ulukhakot/Holman, Northwest Territories	24	76	76	0
Waskaganish, Quebec	24	265	247	18
Watson Lake, Yukon Territory	30	185	185	0
Welland, Ontario	24	1,792	54	1,738
Whale Cove, Nunavut	24	105	105	0
Wrigley, Northwest Territories	9	22	22	0
York Landing, Manitoba	..	38	..	..
Yorkton, Saskatchewan	29	693	431	262
<b>Total (120)</b>	<b>31</b>	<b>45,481</b>	<b>31,379</b>	<b>11,979</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							
Aklavik, Northwest Territories	28	28	0	0	0	0	0	0	0
Amos Municipal, Quebec	91	33	10	42	0	0	0	6	0
Arviat, Nunavut	142	142	0	0	0	0	0	0	0
Baie-Comeau, Quebec	584	481	7	30	0	0	0	60	6
Baker Lake, Nunavut	207	206	0	1	0	0	0	0	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	417	168	77	135	4	1	14	12	6
Bathurst, New Brunswick	231	210	3	8	0	0	0	8	2
Beaver Creek, Yukon Territory	10	0	0	8	0	0	1	1	0
Bromont, Quebec	427	37	143	235	0	2	6	1	3
Buffalo Narrows, Saskatchewan	442	370	33	15	0	0	0	24	0
Burwash, Yukon Territory	..	..	..	..	..	..	..	..	..
Cambridge Bay, Nunavut	254	236	0	2	0	0	0	8	8
Cape Dorset, Nunavut	42	36	2	2	0	0	0	2	0
Chesterfield Inlet, Nunavut	..	..	..	..	..	..	..	..	..
Chevery, Quebec	296	294	1	1	0	0	0	0	0
Chibougamau/Chapais, Quebec	320	273	10	33	0	0	0	4	0
Comox, British Columbia	1,749	1,115	16	10	10	0	0	46	552
Coral Harbour, Nunavut	117	115	0	0	0	0	0	2	0
Dauphin, Manitoba	303	104	61	69	0	0	1	18	50
Dawson, Yukon Territory	125	79	26	14	0	0	3	3	0
Dawson Creek, British Columbia	508	418	17	50	0	0	1	22	0
Delin�, Northwest Territories	443	415	23	0	0	0	0	5	0
Digby Island, British Columbia	16	16	0	0	0	0	0	0	0
Digby, Nova Scotia	95	0	0	95	0	0	0	0	0
Drummondville, Quebec	248	57	35	148	0	0	6	0	2
Dryden Regional, Ontario	678	559	30	44	3	0	1	31	10
Eastmain River, Quebec	112	112	0	0	0	0	0	0	0
Elliot Lake Municipal, Ontario	286	189	67	24	0	0	0	6	0
Eureka, Nunavut	..	..	..	..	..	..	..	..	..
Faro, Yukon Territory	21	18	0	0	0	0	0	3	0
Flin Flon, Manitoba	481	433	3	15	0	0	0	26	4
Fort Frances Municipal, Ontario	410	354	12	18	0	0	15	11	0
Fort Good Hope, Northwest Territories	185	181	0	4	0	0	0	0	0
Fort Liard, Northwest Territories	57	57	0	0	0	0	0	0	0
Fort McPherson, Northwest Territories	76	68	0	0	0	0	0	8	0
Fort Resolution, Northwest Territories	49	48	1	0	0	0	0	0	0
Fort Simpson, Northwest Territories	199	193	0	2	0	0	0	4	0
Fort Smith, Northwest Territories	474	440	8	16	0	0	0	10	0
Gam�ti/Rae Lakes, Northwest Territories	53	44	0	9	0	0	0	0	0
Gasp�, Quebec	349	299	2	0	0	0	0	46	2
Geraldton, Ontario	80	39	10	3	0	0	0	28	0
Gillam, Manitoba	404	366	1	12	3	10	4	8	0
Gjoa Haven, Nunavut	156	148	0	0	0	0	0	8	0
Goose Bay, Newfoundland	2,452	1,905	39	40	107	65	148	57	91
Grise Fiord, Nunavut	27	22	0	0	0	0	0	2	3
Hall Beach, Nunavut	71	69	0	0	0	0	0	2	0
Havre St-Pierre, Quebec	238	196	2	11	0	0	0	26	3
Hay River, Northwest Territories	428	404	8	6	0	0	0	10	0
Hearst/Ren� Fontaine Municipal, Ontario	39	28	0	11	0	0	0	0	0
Igloolik, Nunavut	86	84	0	0	0	0	0	2	0
Island Lake, Manitoba	701	691	0	2	0	0	0	8	0
Kapuskasing, Ontario	267	239	9	3	0	0	0	6	10
Kimirut, Nunavut	..	..	..	..	..	..	..	..	..
Kugaaruk, Nunavut	69	59	2	1	0	0	0	6	1
Liverpool, Nova Scotia	14	0	0	14	0	0	0	0	0
Lourdes-de-Blanc-Sablon, Quebec	573	502	46	7	0	0	0	14	4
Lutselk'e, Northwest Territories	219	203	0	0	0	0	0	12	4
Mayo, Yukon Territory	86	83	1	0	0	0	0	2	0
Moosonee, Ontario	1,550	1,382	116	35	0	0	1	14	2
Muskoka, Ontario	582	140	144	215	7	0	12	56	8
Nakina, Ontario	645	311	0	149	185	0	0	0	0
Nanisivik, Nunavut	66	62	0	0	0	0	0	2	2
Natashquan, Quebec	275	248	0	17	0	0	0	10	0
Norway House, Manitoba	415	393	0	6	0	0	0	16	0
Old Crow, Yukon Territory	97	93	0	2	0	0	2	0	0
Pabok, Quebec	24	4	0	14	0	0	0	6	0
Pangnirtung, Nunavut	155	148	1	1	2	0	0	3	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							
Paulatuk, Northwest Territories	89	73	0	0	0	0	0	7	9
Peterborough, Ontario	404	66	108	196	0	0	0	16	18
Pickle Lake, Ontario	1,072	1,034	6	30	0	0	0	2	0
Pond Inlet, Nunavut	83	82	1	0	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	1,187	1,066	0	14	0	0	5	102	0
Qikiqtarjuaq, Nunavut	113	111	0	0	0	0	0	2	0
Quesnel, British Columbia	290	188	10	69	0	0	1	20	2
Red Lake, Ontario	1,271	1,180	40	44	0	0	1	2	4
Repulse Bay, Nunavut	87	87	0	0	0	0	0	0	0
Resolute Bay, Nunavut	294	251	4	0	0	1	0	0	38
Rimouski, Quebec	302	225	4	61	0	0	0	8	4
Roberval, Quebec	277	125	59	73	0	0	0	6	14
Sachs Harbour, Northwest Territories	37	37	0	0	0	0	0	0	0
Sandspit, British Columbia	355	323	0	10	0	0	0	16	6
Sanikiluaq, Nunavut	96	87	1	6	0	0	0	2	0
Sherbrooke, Quebec	248	98	26	98	0	2	8	2	14
St. Theresa Point, Manitoba	360	348	2	4	0	0	0	6	0
Stephenville, Newfoundland and Labrador	168	94	2	8	7	0	8	33	16
Stony Rapids, Saskatchewan	1,060	1,018	6	8	0	0	0	24	4
Sydney, Nova Scotia	515	446	7	15	8	1	4	24	10
Taloyoak, Nunavut	100	100	0	0	0	0	0	0	0
The Pas, Manitoba	311	294	0	3	0	0	1	11	2
Tofino, British Columbia	245	68	47	88	1	0	1	38	2
Trois-Rivières, Quebec	924	343	85	467	0	0	0	4	25
Tuktoyaktuk, Northwest Territories	127	127	0	0	0	0	0	0	0
Tulita, Northwest Territories	..	..	..	..	..	..	..	..	..
Ulukhakt/Holman, Northwest Territories	76	70	2	0	0	0	0	0	4
Waskaganish, Quebec	247	243	0	1	1	0	0	2	0
Watson Lake, Yukon Territory	185	125	0	48	0	0	0	12	0
Welland, Ontario	54	6	2	46	0	0	0	0	0
Whale Cove, Nunavut	105	102	0	1	0	0	0	2	0
Wrigley, Northwest Territories	22	20	0	2	0	0	0	0	0
Yorkton, Saskatchewan	431	231	17	90	0	0	0	15	78
<b>Total (100)</b>	<b>31,379</b>	<b>24,315</b>	<b>1,395</b>	<b>2,961</b>	<b>338</b>	<b>82</b>	<b>244</b>	<b>1,021</b>	<b>1,023</b>

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

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Aklavik, Northwest Territories	28	0	28	0	0	0
Amos Municipal, Quebec	91	6	32	51	2	0
Arviat, Nunavut	142	0	140	2	0	0
Baie-Comeau, Quebec	584	27	366	163	28	0
Baker Lake, Nunavut	207	2	165	1	39	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	417	18	58	224	116	1
Bathurst, New Brunswick	231	2	159	68	2	0
Beaver Creek, Yukon Territory	10	0	1	9	0	0
Bromont, Quebec	427	4	3	383	37	0
Buffalo Narrows, Saskatchewan	442	0	184	248	10	0
Burwash, Yukon Territory	..	..	..	..	..	..
Cambridge Bay, Nunavut	254	29	211	2	12	0
Cape Dorset, Nunavut	42	0	42	0	0	0
Chesterfield Inlet, Nunavut	..	..	..	..	..	..
Chevery, Quebec	296	1	253	12	30	0
Chibougamau/Chapais, Quebec	320	4	273	25	17	1
Comox, British Columbia	1,749	247	980	205	309	8
Coral Harbour, Nunavut	117	0	113	4	0	0
Dauphin, Manitoba	303	10	128	153	12	0
Dawson, Yukon Territory	125	0	83	22	20	0
Dawson Creek, British Columbia	508	12	325	59	112	0
Delin�, Northwest Territories	443	0	233	66	144	0
Digby Island, British Columbia	16	0	2	14	0	0
Digby, Nova Scotia	95	0	4	91	0	0
Drummondville, Quebec	248	3	10	213	22	0
Dryden Regional, Ontario	678	4	431	181	62	0
Eastmain River, Quebec	112	0	102	2	8	0
Elliot Lake Municipal, Ontario	286	0	96	171	19	0
Eureka, Nunavut	..	..	..	..	..	..
Faro, Yukon Territory	21	0	9	10	2	0
Flin Flon, Manitoba	481	2	306	146	27	0
Fort Frances Municipal, Ontario	410	0	274	117	19	0
Fort Good Hope, Northwest Territories	185	0	92	36	57	0
Fort Liard, Northwest Territories	57	0	16	31	10	0
Fort McPherson, Northwest Territories	76	0	76	0	0	0
Fort Resolution, Northwest Territories	49	0	40	8	1	0
Fort Simpson, Northwest Territories	199	2	149	48	0	0
Fort Smith, Northwest Territories	474	0	335	122	17	0
Gam�ti/Rae Lakes, Northwest Territories	53	0	44	0	9	0
Gasp�, Quebec	349	10	311	13	15	0
Geraldton, Ontario	80	0	36	19	25	0
Gillam, Manitoba	404	2	172	230	0	0
Gjoa Haven, Nunavut	156	0	154	2	0	0
Goose Bay, Newfoundland	2,452	404	1,623	131	294	0
Grise Fiord, Nunavut	27	0	27	0	0	0
Hall Beach, Nunavut	71	0	54	0	17	0
Havre St-Pierre, Quebec	238	2	113	88	34	1
Hay River, Northwest Territories	428	0	269	134	25	0
Hearst/Ren� Fontaine Municipal, Ontario	39	0	8	29	2	0
Igloodik, Nunavut	86	0	86	0	0	0
Island Lake, Manitoba	701	0	492	88	121	0
Kapuskasing, Ontario	267	1	221	39	6	0
Kimmirut, Nunavut	..	..	..	..	..	..
Kugaaruk, Nunavut	69	0	68	1	0	0
Liverpool, Nova Scotia	14	0	0	14	0	0
Lou�des-de-Blanc-Sablon, Quebec	573	6	474	71	22	0
Lutselk'e, Northwest Territories	219	0	192	27	0	0
Mayo, Yukon Territory	86	0	51	16	19	0
Moosonee, Ontario	1,550	10	698	194	648	0
Muskoka, Ontario	582	17	59	422	84	0
Nakina, Ontario	645	0	492	147	6	0
Nanisivik, Nunavut	66	1	65	0	0	0
Natashquan, Quebec	275	0	227	24	24	0
Norway House, Manitoba	415	0	391	24	0	0
Old Crow, Yukon Territory	97	0	91	4	2	0
Pabok, Quebec	24	6	6	12	0	0
Pangnirtung, Nunavut	155	0	151	2	2	0
Paulatuk, Northwest Territories	89	0	84	5	0	0

Table 2-2 – continued

## Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Peterborough, Ontario	404	20	37	317	28	2
Pickle Lake, Ontario	1,072	0	1,007	51	14	0
Pond Inlet, Nunavut	83	0	78	5	0	0
Prince Rupert/Seal Cove, British Columbia	1,187	0	97	632	458	0
Qikiqtarjuaq, Nunavut	113	0	107	0	6	0
Quesnel, British Columbia	290	22	168	60	40	0
Red Lake, Ontario	1,271	0	924	337	10	0
Repulse Bay, Nunavut	87	0	87	0	0	0
Resolute Bay, Nunavut	294	10	249	35	0	0
Rimouski, Quebec	302	2	88	188	24	0
Roberval, Quebec	277	4	116	132	25	0
Sachs Harbour, Northwest Territories	37	0	37	0	0	0
Sandspit, British Columbia	355	2	102	3	248	0
Sanikiluaq, Nunavut	96	0	94	2	0	0
Sherbrooke, Quebec	248	14	52	160	22	0
St. Theresa Point, Manitoba	360	4	266	82	8	0
Stephenville, Newfoundland and Labrador	168	18	84	22	44	0
Stony Rapids, Saskatchewan	1,060	0	579	332	149	0
Sydney, Nova Scotia	515	41	341	71	62	0
Taloyoak, Nunavut	100	0	96	4	0	0
The Pas, Manitoba	311	6	273	32	0	0
Tofino, British Columbia	245	2	14	167	62	0
Trois-Rivières, Quebec	924	27	23	778	96	0
Tuktoyaktuk, Northwest Territories	127	0	100	6	21	0
Tulita, Northwest Territories	..	..	..	..	..	..
Ulukhakot/Holman, Northwest Territories	76	0	76	0	0	0
Waskaganish, Quebec	247	0	223	17	7	0
Watson Lake, Yukon Territory	185	4	56	103	22	0
Welland, Ontario	54	1	2	48	0	3
Whale Cove, Nunavut	105	0	104	1	0	0
Wrigley, Northwest Territories	22	0	2	12	8	0
Yorkton, Saskatchewan	431	20	23	332	56	0
<b>Total (100)</b>	<b>31,379</b>	<b>1,029</b>	<b>17,883</b>	<b>8,552</b>	<b>3,899</b>	<b>16</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						
Aklavik, Northwest Territories	28	0	0	28	0	0	0	0
Amos Municipal, Quebec	91	52	3	28	0	0	8	0
Arviat, Nunavut	142	0	2	9	2	98	31	0
Baie-Comeau, Quebec	584	38	154	230	2	108	52	0
Baker Lake, Nunavut	207	40	9	61	17	54	26	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	417	319	18	33	37	8	2	0
Bathurst, New Brunswick	231	17	51	53	0	108	0	2
Beaver Creek, Yukon Territory	10	9	0	1	0	0	0	0
Bromont, Quebec	427	410	7	6	2	0	2	0
Buffalo Narrows, Saskatchewan	442	67	191	151	8	25	0	0
Burwash, Yukon Territory	..	..	..	..	..	..	..	..
Cambridge Bay, Nunavut	254	2	4	108	15	40	57	28
Cape Dorset, Nunavut	42	0	0	28	2	0	12	0
Chesterfield Inlet, Nunavut	..	..	..	..	..	..	..	..
Chevery, Quebec	296	32	10	96	157	0	0	1
Chibougamau/Chapais, Quebec	320	36	78	71	64	69	2	0
Comox, British Columbia	1,749	137	106	174	521	392	188	231
Coral Harbour, Nunavut	117	2	2	47	4	44	12	6
Dauphin, Manitoba	303	157	6	118	10	12	0	0
Dawson, Yukon Territory	125	42	21	8	2	0	52	0
Dawson Creek, British Columbia	508	109	27	123	139	110	0	0
Deline, Northwest Territories	443	181	90	150	0	0	22	0
Digby Island, British Columbia	16	0	16	0	0	0	0	0
Digby, Nova Scotia	95	83	8	4	0	0	0	0
Drummondville, Quebec	248	229	4	12	2	0	1	0
Dryden Regional, Ontario	678	189	52	425	4	6	0	2
Eastmain River, Quebec	112	8	2	6	12	84	0	0
Elliot Lake Municipal, Ontario	286	101	157	20	0	8	0	0
Eureka, Nunavut	..	..	..	..	..	..	..	..
Faro, Yukon Territory	21	10	2	9	0	0	0	0
Flin Flon, Manitoba	481	91	85	201	2	102	0	0
Fort Frances Municipal, Ontario	410	46	92	270	2	0	0	0
Fort Good Hope, Northwest Territories	185	78	24	69	0	0	14	0
Fort Liard, Northwest Territories	57	39	2	16	0	0	0	0
Fort McPherson, Northwest Territories	76	0	0	10	0	0	66	0
Fort Resolution, Northwest Territories	49	1	12	34	2	0	0	0
Fort Simpson, Northwest Territories	199	38	15	70	8	0	68	0
Fort Smith, Northwest Territories	474	139	42	72	215	0	6	0
Gamëti/Rae Lakes, Northwest Territories	53	9	25	19	0	0	0	0
Gaspé, Quebec	349	9	11	33	8	242	46	0
Geraldton, Ontario	80	29	25	26	0	0	0	0
Gillam, Manitoba	404	37	195	82	2	88	0	0
Gjoa Haven, Nunavut	156	0	0	32	9	8	105	2
Goose Bay, Newfoundland	2,452	241	284	874	191	668	126	68
Grise Fiord, Nunavut	27	0	0	24	3	0	0	0
Hall Beach, Nunavut	71	0	0	27	0	0	44	0
Havre St-Pierre, Quebec	238	23	90	27	91	5	2	0
Hay River, Northwest Territories	428	64	16	71	8	144	125	0
Hearst/René Fontaine Municipal, Ontario	39	13	18	8	0	0	0	0
Igloolik, Nunavut	86	0	0	39	0	0	45	2
Island Lake, Manitoba	701	170	31	449	0	38	13	0
Kapuskasing, Ontario	267	16	73	175	2	1	0	0
Kimmirut, Nunavut	..	..	..	..	..	..	..	..
Kugaaruk, Nunavut	69	1	0	31	0	1	34	2
Liverpool, Nova Scotia	14	14	0	0	0	0	0	0
Louderes-de-Blanc-Sablon, Quebec	573	20	89	267	106	85	6	0
Lutselk'e, Northwest Territories	219	4	131	80	2	2	0	0
Mayo, Yukon Territory	86	33	39	14	0	0	0	0
Moosonee, Ontario	1,550	580	200	406	175	126	61	2
Muskoka, Ontario	582	477	54	32	10	4	5	0
Nakina, Ontario	645	151	300	194	0	0	0	0
Nanisivik, Nunavut	66	0	0	15	0	14	36	1
Natashquan, Quebec	275	39	9	166	59	2	0	0
Norway House, Manitoba	415	8	20	387	0	0	0	0
Old Crow, Yukon Territory	97	6	0	7	0	0	84	0
Pabok, Quebec	24	12	0	6	0	0	6	0
Pangnirtung, Nunavut	155	1	0	73	0	4	77	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
Paulatuk, Northwest Territories	89	4	5	80	0	0	0	0
Peterborough, Ontario	404	302	42	22	15	6	4	13
Pickle Lake, Ontario	1,072	38	530	244	40	5	215	0
Pond Inlet, Nunavut	83	1	6	40	2	29	5	0
Prince Rupert/Seal Cove, British Columbia	1,187	334	821	12	0	20	0	0
Qikiqtarjuaq, Nunavut	113	0	0	73	0	8	32	0
Quesnel, British Columbia	290	94	4	20	170	0	2	0
Red Lake, Ontario	1,271	199	299	609	79	14	71	0
Repulse Bay, Nunavut	87	0	0	31	12	36	8	0
Resolute Bay, Nunavut	294	0	10	187	8	34	31	24
Rimouski, Quebec	302	110	96	42	48	4	2	0
Roberval, Quebec	277	122	40	26	80	6	3	0
Sachs Harbour, Northwest Territories	37	0	0	37	0	0	0	0
Sandspit, British Columbia	355	227	25	32	4	4	63	0
Sanikiluaq, Nunavut	96	2	0	65	5	0	24	0
Sherbrooke, Quebec	248	156	18	62	8	2	2	0
St. Theresa Point, Manitoba	360	64	20	165	4	101	6	0
Stephenville, Newfoundland and Labrador	168	37	21	49	12	19	10	20
Stony Rapids, Saskatchewan	1,060	204	286	352	99	114	1	4
Sydney, Nova Scotia	515	38	76	47	70	253	8	23
Taloyoak, Nunavut	100	0	4	22	10	10	50	4
The Pas, Manitoba	311	4	28	170	6	101	0	2
Tofino, British Columbia	245	104	103	28	6	4	0	0
Trois-Rivières, Quebec	924	818	35	33	17	12	0	9
Tuktoyaktuk, Northwest Territories	127	9	0	118	0	0	0	0
Tulita, Northwest Territories	..	..	..	..	..	..	..	..
Ulukhaktot/Holman, Northwest Territories	76	0	0	47	2	0	27	0
Waskaganish, Quebec	247	14	10	23	26	174	0	0
Watson Lake, Yukon Territory	185	121	6	41	13	0	4	0
Welland, Ontario	54	41	10	2	0	0	0	1
Whale Cove, Nunavut	105	1	0	16	19	69	0	0
Wrigley, Northwest Territories	22	20	0	2	0	0	0	0
Yorkton, Saskatchewan	431	319	69	17	20	4	0	2
<b>Total (100)</b>	<b>31,379</b>	<b>8,042</b>	<b>5,466</b>	<b>9,019</b>	<b>2,670</b>	<b>3,729</b>	<b>2,004</b>	<b>449</b>



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

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	41	41	0
Baie-Comeau, Quebec	6	6	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	1,040	1,040	0
Bromont, Quebec	97	97	0
Buffalo Narrows, Saskatchewan	38	38	0
Dauphin, Manitoba	166	166	0
Dawson, Yukon Territory	0	0	0
Dawson Creek, British Columbia	92	92	0
Drummondville, Quebec	44	44	0
Dryden Regional, Ontario	74	74	0
Elliot Lake Municipal, Ontario	196	196	0
Flin Flon, Manitoba	0	0	0
Fort Liard, Northwest Territories	0	0	0
Fort Smith, Northwest Territories	6	6	0
Guelph, Ontario	5,964	5,964	0
Kapuskasing, Ontario	76	76	0
Liverpool, Nova Scotia	14	14	0
Moosonee, Ontario	59	59	0
Muskoka, Ontario	326	326	0
Peterborough, Ontario	185	185	0
Pickle Lake, Ontario	56	56	0
Quesnel, British Columbia	22	22	0
Red Lake, Ontario	48	48	0
Repulse Bay, Nunavut	0	0	0
Resolute Bay, Nunavut	0	0	0
Rimouski, Quebec	234	234	0
Roberval, Quebec	84	84	0
Sandspit, British Columbia	0	0	0
Sherbrooke, Quebec	295	295	0
Stony Rapids, Saskatchewan	2	2	0
The Pas, Manitoba	6	6	0
Tofino, British Columbia	4	4	0
Trois-Rivières, Quebec	588	588	0
Waskaganish, Quebec	18	18	0
Watson Lake, Yukon Territory	0	0	0
Welland, Ontario	1,738	1,738	0
Yorkton, Saskatchewan	262	258	4
<b>Total (37)</b>	<b>11,979</b>	<b>11,975</b>	<b>4</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 the Manitoba 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 Data quality, concepts and methodology — Data quality and limitations). For the airports which use daily air traffic records, all but one use Form 06-0065.

The remaining one airport, Chibougamau – Chapais, Quebec uses the same forms as airports with air traffic control towers (Forms 28-0010 and 28-0022).

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 Aircraft movement statistics - monthly report - 51-008-X, may not equal the annual totals published in the Annual report TP 577.

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.

### 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
God's Lake Narrow	Shamattawa
God's 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 March 2006 but were not available in March 2007:

Brockville, Ontario

Burwash, Yukon Territory

Chesterfield Inlet, Nunavut

Eureka, Nunavut

Kimmirut, Nunavut

North Battleford, Saskatchewan

Port-Menier, Quebec

St. Leonard, Quebec

Tulita, Northwest Territories

ii) data for 19 Manitoba airports (see 1. above) as well as data for the following airports are included in March, 2007 but not in March, 2006:

Beaver Creek, Yukon Territory

Dawson Creek, British Columbia

Fort Good Hope, Northwest Territories

Fort Simpson, Northwest Territories

Gilliam, Manitoba

Roberval, Quebec

Sachs Harbour, Northwest Territories

# Appendix I

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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 (Defn 2000) – This includes every Canadian air carrier 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 (Defn 2000) – Canadian air carriers not classified in report Level I-III 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 “state” 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.

## 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 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 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 any totals in this publication.

## **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.

## **Weight group**

The classification of weight classes in groups for statistical purposes.