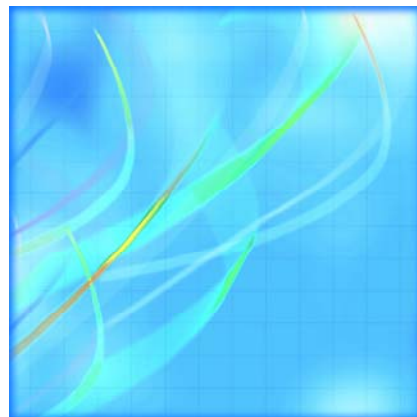


# Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



December 2007



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## Symbols

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

## Acknowledgments

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## Highlights

- Moosonee, Ontario was the most active site overall in December 2007. It recorded a total of 2,630 movements down 1,493 (-36.2%) from December 2006. Most of these movements were itinerant movements.
- Guelph, Ontario was the most active airport for local movements (flights that remain in the vicinity of the airport) with 854 take-offs and landings, down 67.4% compared with December 2006.

**Text table 1**

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

	December 2006	December 2007	Percentage change, December 2006 over December 2007	Year-to-date total		Percentage change 2006 over 2007
				2006	2007	
	number		percent	number		percent
<b>Total</b>	<b>35,640</b>	<b>54,711</b>	<b>53.5</b>	<b>616,133</b>	<b>750,690</b>	<b>21.8</b>
<b>Itinerant movements</b>						
Carrier	23,506	23,187	-1.4	340,617	364,224	6.9
Other commercial	973	997	2.5	21,845	26,810	22.7
Private	2,280	1,515	-33.6	55,528	57,989	4.4
Government						
Civil	736	878	19.3	18,045	16,600	-8.0
Military	559	500	-10.6	12,860	13,567	5.5
<b>Total</b>	<b>28,528</b>	<b>27,536</b>	<b>-3.5</b>	<b>456,671</b>	<b>489,078</b>	<b>7.1</b>
<b>Local movements</b>						
Civil	7,047	4,621	-34.4	158,984	138,648	-12.8
Military	65	0	-100.0	478	374	-21.8
<b>Total</b>	<b>7,112</b>	<b>4,621</b>	<b>-35.0</b>	<b>159,462</b>	<b>139,102</b>	<b>-12.8</b>
Number of airports in the survey	95	117	...	95	117	...

## Analysis

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In December 2007, the number of itinerant and local movements for the 117 airports without air traffic control towers reached 54,711 take-offs and landings. This is an increase of 53.5% compared to the 35,640 take-offs and landings from 95 airports in December 2006.

The majority of the increase of total movements is due to the inclusion of an additional 19 Manitoba airports in 2007. See I for a list of these airports.

Moosonee, Ontario was the most active site overall in December 2007. It recorded a total of 2,630 movements down 1,493 (-36.2%) from December 2006. Most of these movements were itinerant movements.

Guelph, Ontario was the most active airport for local movements (flights that remain in the vicinity of the airport) with 854 take-offs and landings, down 67.4% compared with December 2006.

## 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)

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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	Aircraft movements, by class of operation and type of operation, airports without air traffic control towers
401-0022	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
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401-0037	Aircraft movements, by class of operation and type of operation, airports without air traffic control towers, annual
401-0038	Itinerant movements, by weight group and type of power plant, airports without air traffic control towers, annual

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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			
Aklavik, Northwest Territories	23	161	161	0
Amos Municipal, Quebec	18	384	44	340
Arviat, Nunavut	21	123	123	0
Baie-Comeau, Quebec	31	595	485	110
Baker Lake, Nunavut	29	297	297	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	26	440	200	240
Bathurst, New Brunswick	30	250	250	0
Beaver Creek, Yukon Territory	5	24	24	0
Berens River, Manitoba	..	1,594	..	..
Bloodvein River, Manitoba	..	1,643	..	..
Brochet, Manitoba	..	950	..	..
Bromont, Quebec	21	179	149	30
Buffalo Narrows, Saskatchewan	26	410	384	26
Burwash, Yukon Territory	3	4	4	0
Cambridge Bay, Nunavut	30	226	224	2
Cape Dorset, Nunavut	18	61	61	0
Charlo, New Brunswick	12	49	49	0
Chesterfield Inlet, Nunavut	23	84	84	0
Chevery, Quebec	24	235	235	0
Chibougamau/Chapais, Quebec	28	420	420	0
Comox, British Columbia	31	1,409	1,409	0
Coral Harbour, Nunavut	27	98	98	0
Cross Lake, Manitoba	..	1,049	..	..
Dauphin, Manitoba	25	209	177	32
Dawson, Yukon Territory	22	97	97	0
Dawson Creek, British Columbia	30	430	406	24
Déline, Northwest Territories	24	173	173	0
Digby, Nova Scotia	13	64	64	0
Digby Island, British Columbia	10	28	28	0
Drummondville, Quebec	20	134	92	42
Dryden Regional, Ontario	31	497	497	0
Eastmain River, Quebec	18	76	76	0
Elliot Lake Municipal, Ontario	29	434	198	236
Eureka, Nunavut	1	2	2	0
Faro, Yukon Territory	4	8	8	0
Flin Flon, Manitoba	28	368	334	34
Fort Frances Municipal, Ontario	31	349	349	0
Fort Good Hope, Northwest Territories	14	93	93	0
Fort McPherson, Northwest Territories	14	68	68	0
Fort Resolution, Northwest Territories	8	17	17	0
Fort Simpson, Northwest Territories	29	206	198	8
Fort Smith, Northwest Territories	30	241	239	2
Gamëti/Rae Lakes, Northwest Territories	19	115	115	0
Gaspé, Quebec	31	308	308	0
Geraldton, Ontario	25	131	131	0
Gillam, Manitoba	29	207	207	0
Gjoa Haven, Nunavut	29	185	185	0
Gods Lake Narrows, Manitoba	..	1,051	..	..
Gods River, Manitoba	..	1,428	..	..
Goose Bay, Newfoundland and Labrador	31	2,030	2,030	0
Grise Fiord, Nunavut	8	15	15	0
Guelph, Ontario	15	854	0	854
Hall Beach, Nunavut	27	96	96	0
Havre St-Pierre, Quebec	28	184	184	0
Hay River, Northwest Territories	31	388	388	0
Hearst/René Fontaine Municipal, Ontario	18	67	67	0
Igloolik, Nunavut	25	97	97	0
Ilford, Manitoba	..	337	..	..
Island Lake, Manitoba	31	1,131	1,129	2
Kapuskasing, Ontario	30	314	238	76
Kimmirut, Nunavut	17	51	51	0
Kugaaruk, Nunavut	26	89	89	0
Lac Brochet, Manitoba	..	1,446	..	..
Little Grand Rapids, Manitoba	..	3,052	..	..
Lourdes-de-Blanc-Sablon, Quebec	30	353	352	1
Lutselk'e, Northwest Territories	22	148	148	0
Mayo, Yukon Territory	5	11	11	0
Moosonee, Ontario	30	2,630	2,308	322

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			
Muskoka, Ontario	26	273	223	50
Nakina, Ontario	29	414	414	0
Nanisivik, Nunavut	17	43	43	0
Natashquan, Quebec	23	239	239	0
Norway House, Manitoba	30	320	320	0
Old Crow, Yukon Territory	24	121	121	0
Oxford House, Manitoba	..	2,070	..	..
Pabok, Quebec	12	32	32	0
Pangnirtung, Nunavut	27	183	183	0
Paulatuk, Northwest Territories	17	79	79	0
Peterborough, Ontario	24	236	143	93
Pickle Lake, Ontario	30	1,274	1,260	14
Pikwitonei, Manitoba	..	196	..	..
Pond Inlet, Nunavut	24	90	90	0
Poplar River, Manitoba	..	1,236	..	..
Prince Rupert/Seal Cove, British Columbia	29	765	765	0
Pukatawagan, Manitoba	..	1,236	..	..
Qikiqtarjuaq, Nunavut	20	74	74	0
Quesnel, British Columbia	30	180	174	6
Red Lake, Ontario	31	2,000	1,956	44
Red Sucker Lake, Manitoba	..	1,456	..	..
Repulse Bay, Nunavut	18	57	57	0
Rimouski, Quebec	24	317	225	92
Roberval, Quebec	23	202	184	18
Sandspit, British Columbia	30	207	207	0
Sanikiluaq, Nunavut	15	50	50	0
Shamattawa, Manitoba	..	2,006	..	..
Sherbrooke, Quebec	27	450	186	264
South Indian Lake, Manitoba	..	494	..	..
St. Theresa Point, Manitoba	31	956	956	0
Stephenville, Newfoundland and Labrador	28	118	118	0
Stony Rapids, Saskatchewan	31	944	942	2
Sydney, Nova Scotia	31	378	378	0
Tadoule Lake, Manitoba	..	744	..	..
Taloyoak, Nunavut	28	134	134	0
Teslin, Yukon Territory	4	10	10	0
The Pas, Manitoba	30	299	287	12
Thicket Portage, Manitoba	..	102	..	..
Tofino, British Columbia	28	178	178	0
Trois-Rivières, Quebec	28	956	397	559
Tuktoyaktuk, Northwest Territories	29	259	259	0
Ulukhakt/Holman, Northwest Territories	21	69	69	0
Waskaganish, Quebec	24	210	204	6
Watson Lake, Yukon Territory	29	92	88	4
Welland/Niagara Central, Ontario	19	812	40	772
Whale Cove, Nunavut	19	67	67	0
Wrigley, Northwest Territories	14	108	108	0
York Landing, Manitoba	..	464	..	..
Yorkton Municipal, Saskatchewan	27	614	310	304
<b>Total (117)</b>	<b>31</b>	<b>54,711</b>	<b>27,536</b>	<b>4,621</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	161	157	0	2	0	0	0	2	0
Amos Municipal, Quebec	44	20	4	13	0	0	1	6	0
Arviat, Nunavut	123	121	0	2	0	0	0	0	0
Baie-Comeau, Quebec	485	393	10	17	0	0	0	57	8
Baker Lake, Nunavut	297	280	8	0	0	0	0	9	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	200	91	17	65	2	0	8	17	0
Bathurst, New Brunswick	250	189	9	3	23	7	7	12	0
Beaver Creek, Yukon Territory	24	0	0	18	0	0	2	4	0
Bromont, Quebec	149	16	41	86	2	1	1	2	0
Buffalo Narrows, Saskatchewan	384	350	14	0	0	0	0	20	0
Burwash, Yukon Territory	4	4	0	0	0	0	0	0	0
Cambridge Bay, Nunavut	224	221	1	0	0	0	0	2	0
Cape Dorset, Nunavut	61	53	0	2	0	0	0	6	0
Charlo, New Brunswick	49	6	14	23	0	0	0	6	0
Chesterfield Inlet, Nunavut	84	76	4	2	0	0	0	2	0
Chevery, Quebec	235	230	5	0	0	0	0	0	0
Chibougamau/Chapais, Quebec	420	323	42	35	0	1	0	19	0
Comox, British Columbia	1,409	1,092	2	2	9	2	0	5	297
Coral Harbour, Nunavut	98	98	0	0	0	0	0	0	0
Dauphin, Manitoba	177	96	38	15	0	0	1	13	14
Dawson, Yukon Territory	97	88	3	0	0	0	0	6	0
Dawson Creek, British Columbia	406	326	19	61	0	0	0	0	0
Déline, Northwest Territories	173	173	0	0	0	0	0	0	0
Digby, Nova Scotia	64	2	6	54	0	0	0	2	0
Digby Island, British Columbia	28	28	0	0	0	0	0	0	0
Drummondville, Quebec	92	14	26	50	0	0	0	2	0
Dryden Regional, Ontario	497	450	11	17	0	0	0	13	6
Eastmain River, Quebec	76	75	0	0	1	0	0	0	0
Elliot Lake Municipal, Ontario	198	146	42	9	1	0	0	0	0
Eureka, Nunavut	2	2	0	0	0	0	0	0	0
Faro, Yukon Territory	8	6	0	2	0	0	0	0	0
Flin Flon, Manitoba	334	294	0	4	0	0	0	36	0
Fort Frances Municipal, Ontario	349	333	4	7	0	0	3	2	0
Fort Good Hope, Northwest Territories	93	93	0	0	0	0	0	0	0
Fort McPherson, Northwest Territories	68	66	0	0	0	0	0	2	0
Fort Resolution, Northwest Territories	17	17	0	0	0	0	0	0	0
Fort Simpson, Northwest Territories	198	188	0	4	0	0	0	4	2
Fort Smith, Northwest Territories	239	227	2	0	0	0	0	6	4
Gamëti/Rae Lakes, Northwest Territories	115	113	0	0	0	0	0	2	0
Gaspé, Quebec	308	266	6	0	0	0	0	36	0
Geraldton, Ontario	131	115	4	12	0	0	0	0	0
Gillam, Manitoba	207	203	0	0	0	0	0	4	0
Gjoa Haven, Nunavut	185	151	28	0	0	0	0	6	0
Goose Bay, Newfoundland and Labrador	2,030	1,445	77	53	69	52	188	53	93
Grise Fiord, Nunavut	15	15	0	0	0	0	0	0	0
Hall Beach, Nunavut	96	88	0	2	0	0	0	6	0
Havre St-Pierre, Quebec	184	161	6	1	0	0	0	16	0
Hay River, Northwest Territories	388	369	0	1	0	0	0	14	4
Hearst/René Fontaine Municipal, Ontario	67	56	7	0	0	0	0	4	0
Igloolik, Nunavut	97	90	0	2	0	0	0	5	0
Island Lake, Manitoba	1,129	1,099	0	4	0	0	0	26	0
Kapuskasing, Ontario	238	183	38	9	0	0	0	0	8
Kimirut, Nunavut	51	44	0	0	0	0	0	7	0
Kugaaruk, Nunavut	89	74	15	0	0	0	0	0	0
Lourdes-de-Blanc-Sablon, Quebec	352	329	20	0	0	0	0	3	0
Lutselk'e, Northwest Territories	148	140	0	2	0	0	0	6	0
Mayo, Yukon Territory	11	7	0	0	0	0	0	4	0
Moosonee, Ontario	2,308	2,290	5	3	0	0	0	10	0
Muskoka, Ontario	223	91	8	54	1	0	16	37	16
Nakina, Ontario	414	394	2	18	0	0	0	0	0
Nanisivik, Nunavut	43	41	0	0	0	0	0	2	0
Natashquan, Quebec	239	226	1	8	0	0	0	0	4
Norway House, Manitoba	320	295	2	3	0	0	0	20	0
Old Crow, Yukon Territory	121	112	5	0	0	0	0	4	0
Pabok, Quebec	32	7	9	0	0	0	0	16	0
Pangnirtung, Nunavut	183	176	0	0	0	0	0	7	0
Paulatuk, Northwest Territories	79	73	0	0	0	0	0	6	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							
Peterborough, Ontario	143	35	19	87	0	0	0	0	2
Pickle Lake, Ontario	1,260	1,174	51	35	0	0	0	0	0
Pond Inlet, Nunavut	90	88	0	0	0	0	0	2	0
Prince Rupert/Seal Cove, British Columbia	765	636	15	12	0	0	0	102	0
Qikiqtarjuaq, Nunavut	74	68	0	0	0	0	0	6	0
Quesnel, British Columbia	174	146	6	17	0	0	1	4	0
Red Lake, Ontario	1,956	1,803	50	71	0	0	1	27	4
Repulse Bay, Nunavut	57	55	0	2	0	0	0	0	0
Rimouski, Quebec	225	181	9	25	0	0	0	10	0
Roberval, Quebec	184	75	11	98	0	0	0	0	0
Sandspit, British Columbia	207	190	0	0	0	0	0	17	0
Sanikiluaq, Nunavut	50	44	6	0	0	0	0	0	0
Sherbrooke, Quebec	186	61	14	94	0	1	10	4	2
St. Theresa Point, Manitoba	956	936	0	4	0	0	0	16	0
Stephenville, Newfoundland and Labrador	118	58	7	5	10	3	17	12	6
Stony Rapids, Saskatchewan	942	701	181	48	0	0	0	12	0
Sydney, Nova Scotia	378	356	2	10	4	0	0	4	2
Taloyoak, Nunavut	134	123	1	0	0	0	0	10	0
Teslin, Yukon Territory	10	10	0	0	0	0	0	0	0
The Pas, Manitoba	287	264	2	3	0	0	0	18	0
Tofino, British Columbia	178	96	1	35	2	0	8	26	10
Trois-Rivières, Quebec	397	153	48	169	0	0	0	25	2
Tuktoyaktuk, Northwest Territories	259	245	0	2	1	0	3	8	0
Ulukhakt/Holman, Northwest Territories	69	67	0	0	0	0	0	2	0
Waskaganish, Quebec	204	204	0	0	0	0	0	0	0
Watson Lake, Yukon Territory	88	60	2	12	0	0	0	10	4
Welland/Niagara Central, Ontario	40	2	4	34	0	0	0	0	0
Whale Cove, Nunavut	67	40	1	26	0	0	0	0	0
Wrigley, Northwest Territories	108	106	0	2	0	0	0	0	0
Yorkton Municipal, Saskatchewan	310	213	12	59	0	0	0	14	12
<b>Total (97)</b>	<b>27,536</b>	<b>23,187</b>	<b>997</b>	<b>1,515</b>	<b>125</b>	<b>67</b>	<b>267</b>	<b>878</b>	<b>500</b>

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

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Aklavik, Northwest Territories	161	0	106	55	0	0
Amos Municipal, Quebec	44	4	20	19	0	1
Arviat, Nunavut	123	0	121	0	2	0
Baie-Comeau, Quebec	485	34	285	158	8	0
Baker Lake, Nunavut	297	0	287	10	0	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	200	6	50	85	59	0
Bathurst, New Brunswick	250	6	169	71	4	0
Beaver Creek, Yukon Territory	24	0	8	16	0	0
Bromont, Quebec	149	4	0	114	31	0
Buffalo Narrows, Saskatchewan	384	0	290	90	4	0
Burwash, Yukon Territory	4	0	0	2	2	0
Cambridge Bay, Nunavut	224	26	192	0	6	0
Cape Dorset, Nunavut	61	0	61	0	0	0
Charlo, New Brunswick	49	2	20	27	0	0
Chesterfield Inlet, Nunavut	84	0	82	2	0	0
Chevery, Quebec	235	0	232	1	2	0
Chibougamau/Chapais, Quebec	420	14	340	37	29	0
Comox, British Columbia	1,409	326	886	118	79	0
Coral Harbour, Nunavut	98	0	74	24	0	0
Dauphin, Manitoba	177	10	90	67	10	0
Dawson, Yukon Territory	97	0	79	5	13	0
Dawson Creek, British Columbia	406	4	288	79	35	0
Déline, Northwest Territories	173	0	118	37	18	0
Digby, Nova Scotia	64	0	0	54	10	0
Digby Island, British Columbia	28	0	4	24	0	0
Drummondville, Quebec	92	0	2	80	10	0
Dryden Regional, Ontario	497	4	372	86	35	0
Eastmain River, Quebec	76	0	76	0	0	0
Elliot Lake Municipal, Ontario	198	0	116	58	24	0
Eureka, Nunavut	2	0	2	0	0	0
Faro, Yukon Territory	8	0	4	2	2	0
Flin Flon, Manitoba	334	2	229	97	6	0
Fort Frances Municipal, Ontario	349	1	276	66	6	0
Fort Good Hope, Northwest Territories	93	0	46	47	0	0
Fort McPherson, Northwest Territories	68	0	62	6	0	0
Fort Resolution, Northwest Territories	17	0	9	8	0	0
Fort Simpson, Northwest Territories	198	0	157	35	6	0
Fort Smith, Northwest Territories	239	2	197	40	0	0
Gamèti/Rae Lakes, Northwest Territories	115	0	86	29	0	0
Gaspé, Quebec	308	8	282	18	0	0
Geraldton, Ontario	131	0	76	18	37	0
Gillam, Manitoba	207	0	98	109	0	0
Gjoa Haven, Nunavut	185	2	183	0	0	0
Goose Bay, Newfoundland and Labrador	2,030	361	1,338	87	244	0
Grise Fiord, Nunavut	15	0	15	0	0	0
Hall Beach, Nunavut	96	0	90	0	6	0
Havre St-Pierre, Quebec	184	0	62	85	37	0
Hay River, Northwest Territories	388	2	283	103	0	0
Hearst/René Fontaine Municipal, Ontario	67	0	27	13	27	0
Igloolik, Nunavut	97	0	97	0	0	0
Island Lake, Manitoba	1,129	0	631	170	328	0
Kapuskasing, Ontario	238	4	211	17	6	0
Kimmirut, Nunavut	51	0	51	0	0	0
Kugaaruk, Nunavut	89	2	87	0	0	0
Louderes-de-Blanc-Sablon, Quebec	352	2	321	25	4	0
Lutselk'e, Northwest Territories	148	0	122	26	0	0
Mayo, Yukon Territory	11	0	9	0	2	0
Moosonee, Ontario	2,308	0	730	401	1,177	0
Muskoka, Ontario	223	1	87	97	38	0
Nakina, Ontario	414	0	396	18	0	0
Nanisivik, Nunavut	43	0	43	0	0	0
Natashquan, Quebec	239	0	224	10	5	0
Norway House, Manitoba	320	2	264	28	26	0
Old Crow, Yukon Territory	121	0	110	5	6	0
Pabok, Quebec	32	6	14	12	0	0
Pangnirtung, Nunavut	183	0	183	0	0	0
Paulatuk, Northwest Territories	79	0	79	0	0	0
Peterborough, Ontario	143	15	10	89	29	0



Table 2-2 – continued

## Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Pickle Lake, Ontario	1,260	0	1,186	48	26	0
Pond Inlet, Nunavut	90	0	90	0	0	0
Prince Rupert/Seal Cove, British Columbia	765	0	117	394	254	0
Qikiqtarjuaq, Nunavut	74	0	74	0	0	0
Quesnel, British Columbia	174	10	146	12	6	0
Red Lake, Ontario	1,956	2	1,361	585	8	0
Repulse Bay, Nunavut	57	0	57	0	0	0
Rimouski, Quebec	225	1	33	182	9	0
Roberval, Quebec	184	0	72	110	2	0
Sandspit, British Columbia	207	12	86	0	109	0
Sanikiluaq, Nunavut	50	2	46	2	0	0
Sherbrooke, Quebec	186	24	41	103	18	0
St. Theresa Point, Manitoba	956	8	442	151	355	0
Stephenville, Newfoundland and Labrador	118	34	60	12	12	0
Stony Rapids, Saskatchewan	942	1	522	273	146	0
Sydney, Nova Scotia	378	14	308	45	11	0
Taloyoak, Nunavut	134	0	134	0	0	0
Teslin, Yukon Territory	10	0	2	8	0	0
The Pas, Manitoba	287	8	233	40	6	0
Tofino, British Columbia	178	6	16	74	82	0
Trois-Rivières, Quebec	397	4	17	310	66	0
Tuktoyaktuk, Northwest Territories	259	0	177	7	75	0
Ulukhakt/Holman, Northwest Territories	69	0	69	0	0	0
Waskaganish, Quebec	204	0	196	8	0	0
Watson Lake, Yukon Territory	88	0	62	19	7	0
Welland/Niagara Central, Ontario	40	0	0	40	0	0
Whale Cove, Nunavut	67	0	67	0	0	0
Wrigley, Northwest Territories	108	0	5	93	10	0
Yorkton Municipal, Saskatchewan	310	13	14	274	9	0
<b>Total (97)</b>	<b>27,536</b>	<b>989</b>	<b>17,192</b>	<b>5,770</b>	<b>3,584</b>	<b>1</b>

**Table 2-3**  
**Itinerant movements by aircraft weight groups**

	Total itinerant movements	Gross take-off weight in kilograms						
		2 000	2 001	4 001	5 671	9 001	18 001	35 001
		and under	to 4 000	to 5 670	to 9 000	to 18 000	to 35 000	and over
		number						
Aklavik, Northwest Territories	161	23	36	98	4	0	0	0
Amos Municipal, Quebec	44	18	2	16	0	4	4	0
Arviat, Nunavut	123	2	14	11	0	42	54	0
Baie-Comeau, Quebec	485	25	144	163	2	115	36	0
Baker Lake, Nunavut	297	2	40	86	16	96	57	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	200	135	7	36	16	2	4	0
Bathurst, New Brunswick	250	31	40	64	0	109	6	0
Beaver Creek, Yukon Territory	24	16	0	8	0	0	0	0
Bromont, Quebec	149	135	8	2	2	2	0	0
Buffalo Narrows, Saskatchewan	384	10	84	274	12	4	0	0
Burwash, Yukon Territory	4	2	2	0	0	0	0	0
Cambridge Bay, Nunavut	224	0	0	64	12	61	65	22
Cape Dorset, Nunavut	61	0	0	31	0	27	3	0
Charlo, New Brunswick	49	8	19	20	0	2	0	0
Chesterfield Inlet, Nunavut	84	2	0	40	12	12	18	0
Chevery, Quebec	235	2	7	92	86	48	0	0
Chibougamau/Chapais, Quebec	420	44	51	138	52	121	14	0
Comox, British Columbia	1,409	40	90	56	446	299	229	249
Coral Harbour, Nunavut	98	24	0	16	10	4	44	0
Dauphin, Manitoba	177	75	2	86	7	4	3	0
Dawson, Yukon Territory	97	16	2	10	0	0	69	0
Dawson Creek, British Columbia	406	95	25	59	140	87	0	0
Déline, Northwest Territories	173	30	35	84	0	0	24	0
Digby, Nova Scotia	64	62	2	0	0	0	0	0
Digby Island, British Columbia	28	0	28	0	0	0	0	0
Drummondville, Quebec	92	88	2	2	0	0	0	0
Dryden Regional, Ontario	497	91	26	370	4	6	0	0
Eastmain River, Quebec	76	0	0	6	8	62	0	0
Elliot Lake Municipal, Ontario	198	44	68	80	0	6	0	0
Eureka, Nunavut	2	0	0	0	2	0	0	0
Faro, Yukon Territory	8	4	2	2	0	0	0	0
Flin Flon, Manitoba	334	28	77	147	2	80	0	0
Fort Frances Municipal, Ontario	349	12	63	269	5	0	0	0
Fort Good Hope, Northwest Territories	93	19	10	36	0	18	10	0
Fort McPherson, Northwest Territories	68	6	0	11	0	0	51	0
Fort Resolution, Northwest Territories	17	2	6	1	6	0	2	0
Fort Simpson, Northwest Territories	198	37	58	36	4	0	63	0
Fort Smith, Northwest Territories	239	40	4	40	155	0	0	0
Gamëti/Rae Lakes, Northwest Territories	115	25	44	46	0	0	0	0
Gaspé, Quebec	308	2	16	28	6	103	153	0
Geraldton, Ontario	131	43	14	72	0	2	0	0
Gillam, Manitoba	207	0	109	90	0	8	0	0
Gjoa Haven, Nunavut	185	0	0	24	6	48	107	0
Goose Bay, Newfoundland and Labrador	2,030	232	82	737	143	614	130	92
Grise Fiord, Nunavut	15	0	0	15	0	0	0	0
Hall Beach, Nunavut	96	0	0	24	2	0	64	6
Havre St-Pierre, Quebec	184	11	90	36	40	7	0	0
Hay River, Northwest Territories	388	8	22	76	2	167	113	0
Hearst/René Fontaine Municipal, Ontario	67	23	19	23	0	2	0	0
Igloolik, Nunavut	97	0	0	35	0	0	62	0
Island Lake, Manitoba	1,129	423	18	445	109	108	26	0
Kapuskasing, Ontario	238	9	50	169	4	6	0	0
Kimmirut, Nunavut	51	0	0	51	0	0	0	0
Kugaaruk, Nunavut	89	0	0	17	0	29	41	2
Louderes-de-Blanc-Sablon, Quebec	352	0	34	159	79	80	0	0
Lutselk'e, Northwest Territories	148	4	75	67	0	0	2	0
Mayo, Yukon Territory	11	2	0	9	0	0	0	0
Moosonee, Ontario	2,308	1,172	337	488	136	100	75	0
Muskoka, Ontario	223	115	49	41	2	4	2	10
Nakina, Ontario	414	18	238	158	0	0	0	0
Nanisivik, Nunavut	43	0	0	11	0	1	31	0
Natashquan, Quebec	239	8	15	160	41	15	0	0
Norway House, Manitoba	320	31	27	260	2	0	0	0
Old Crow, Yukon Territory	121	11	0	18	0	0	92	0
Pabok, Quebec	32	0	12	4	0	10	6	0
Pangnirtung, Nunavut	183	0	0	81	0	69	33	0
Paulatuk, Northwest Territories	79	0	0	61	18	0	0	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
Peterborough, Ontario	143	100	8	19	8	6	0	2
Pickle Lake, Ontario	1,260	55	405	329	113	0	358	0
Pond Inlet, Nunavut	90	0	0	33	3	47	7	0
Prince Rupert/Seal Cove, British Columbia	765	150	603	4	0	8	0	0
Qikiqtarjuaq, Nunavut	74	0	0	34	0	28	12	0
Quesnel, British Columbia	174	16	6	6	146	0	0	0
Red Lake, Ontario	1,956	283	628	578	244	21	202	0
Repulse Bay, Nunavut	57	0	0	34	0	2	21	0
Rimouski, Quebec	225	85	106	28	4	1	1	0
Roberval, Quebec	184	100	16	20	48	0	0	0
Sandspit, British Columbia	207	96	17	18	20	0	56	0
Sanikiluaq, Nunavut	50	2	0	34	8	0	6	0
Sherbrooke, Quebec	186	109	10	46	8	11	2	0
St. Theresa Point, Manitoba	956	433	41	303	10	141	28	0
Stephenville, Newfoundland and Labrador	118	12	6	16	10	56	6	12
Stony Rapids, Saskatchewan	942	174	247	289	105	108	19	0
Sydney, Nova Scotia	378	7	42	25	63	225	6	10
Taloyoak, Nunavut	134	0	0	28	2	58	46	0
Teslin, Yukon Territory	10	8	0	0	0	0	2	0
The Pas, Manitoba	287	9	43	139	8	88	0	0
Tofino, British Columbia	178	85	75	8	4	4	2	0
Trois-Rivières, Quebec	397	337	39	10	4	1	0	6
Tuktoyaktuk, Northwest Territories	259	7	0	135	42	75	0	0
Uluksukot/Holman, Northwest Territories	69	0	0	37	8	0	24	0
Waskaganish, Quebec	204	0	8	20	30	146	0	0
Watson Lake, Yukon Territory	88	22	4	42	20	0	0	0
Welland/Niagara Central, Ontario	40	38	2	0	0	0	0	0
Whale Cove, Nunavut	67	0	0	24	4	2	37	0
Wrigley, Northwest Territories	108	94	11	3	0	0	0	0
Yorkton Municipal, Saskatchewan	310	220	61	18	11	0	0	0
<b>Total (97)</b>	<b>27,536</b>	<b>5,747</b>	<b>4,583</b>	<b>8,139</b>	<b>2,516</b>	<b>3,612</b>	<b>2,528</b>	<b>411</b>

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

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	340	340	0
Baie-Comeau, Quebec	110	110	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	240	240	0
Bromont, Quebec	30	30	0
Buffalo Narrows, Saskatchewan	26	26	0
Cambridge Bay, Nunavut	2	2	0
Dauphin, Manitoba	32	32	0
Dawson Creek, British Columbia	24	24	0
Drummondville, Quebec	42	42	0
Elliot Lake Municipal, Ontario	236	236	0
Flin Flon, Manitoba	34	34	0
Fort Simpson, Northwest Territories	8	8	0
Fort Smith, Northwest Territories	2	2	0
Guelph, Ontario	854	854	0
Island Lake, Manitoba	2	2	0
Kapuskasing, Ontario	76	76	0
Lourdes-de-Blanc-Sablon, Quebec	1	1	0
Moosonee, Ontario	322	322	0
Muskoka, Ontario	50	50	0
Peterborough, Ontario	93	93	0
Pickle Lake, Ontario	14	14	0
Quesnel, British Columbia	6	6	0
Red Lake, Ontario	44	44	0
Rimouski, Quebec	92	92	0
Roberval, Quebec	18	18	0
Sherbrooke, Quebec	264	264	0
Stony Rapids, Saskatchewan	2	2	0
The Pas, Manitoba	12	12	0
Trois-Rivières, Quebec	559	559	0
Waskaganish, Quebec	6	6	0
Watson Lake, Yukon Territory	4	4	0
Welland/Niagara Central, Ontario	772	772	0
Yorkton Municipal, Saskatchewan	304	304	0
<b>Total (33)</b>	<b>4,621</b>	<b>4,621</b>	<b>0</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.

# Appendix I

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## Factors influencing the data

### 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:

- data for the following airports were included in the report for December 2006 but were not available in December 2007:

Clyde River, Nunavut  
Fort Liard, Northwest Territories  
Liverpool/South Shore Regional, Nova Scotia  
Port-Menier, Quebec

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

Beaver Creek, Yukon Territory  
Bromont, Quebec  
Burwash, Yukon Territory  
Fort Good Hope, Northwest Territories  
Fort Simpson, Northwest Territories  
Fort Smith, Northwest Territories  
Paulatuk, Northwest Territories  
Teslin, Yukon Territory  
Watson Lake, Yukon Territory

## 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 "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.