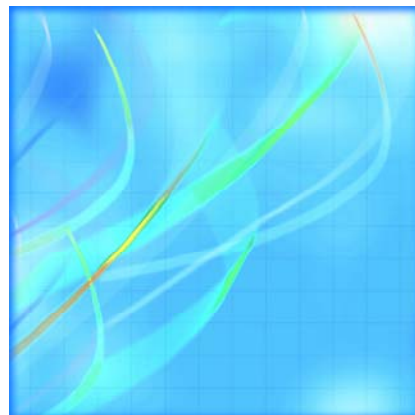


Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



November 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

- Moosonee, Ontario was the most active site overall in November 2007. It recorded a total of 3,722 movements down 248 (-6.2%) from November 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 2,082 take-offs and landings, down 58.1% compared with November 2006.

Text table 1

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

	November 2006	November 2007	Percentage change, November 2006 over November 2007	Year-to-date total		Percentage change 2006 over 2007
				2006	2007	
	number		percent	number		percent
Total	43,837	66,122	50.8	580,493	695,979	19.9
Itinerant movements						
Carrier	26,548	29,850	12.4	317,111	341,037	7.5
Other commercial	1,289	1,873	45.3	20,872	25,813	23.7
Private	2,860	3,271	14.4	53,248	56,474	6.1
Government						
Civil	908	997	9.8	17,309	15,722	-9.2
Military	666	658	-1.2	12,301	13,067	6.2
Total	32,641	37,157	13.8	428,143	461,542	7.8
Local movements						
Civil	11,171	8,722	-21.9	151,937	134,027	-11.8
Military	25	46	84.0	413	374	-9.4
Total	11,196	8,768	-21.7	152,350	134,481	-11.7
Number of airports in the survey	97	118	...	97	118	...

Analysis

In November 2007, the number of itinerant and local movements for the 118 airports without air traffic control towers reached 66,122 take-offs and landings. This is an increase of 50.8% compared to the 43,837 take-offs and landings from 97 airports in November 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 November 2007. It recorded a total of 3,722 movements down 248 (-6.2%) from November 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 2,082 take-offs and landings, down 58.1% compared with November 2006.

Related products

Selected publications from Statistics Canada

51-007-X	Aircraft Movement Statistics: NAV CANADA Towers and Flight Service Stations (TP 141)
51-206-X	Canadian Civil Aviation
51-207-X	Air Charter Statistics
51-209-X	Aircraft Movement Statistics: NAV CANADA Towers and Flight Service Stations: Annual Report (TP 577)

Selected CANSIM tables from Statistics Canada

401-0007	Aircraft movements, by class of operation and peak hour and peak day of movements, airports with NAV CANADA towers, monthly
401-0008	Aircraft movements, by civil and military movements, airports with NAV CANADA towers, monthly
401-0009	Itinerant movements, by type of operation, airports with NAV CANADA towers, monthly
401-0010	Itinerant movements, by instrument flight rules, visual flight rules and runway 88, airports with NAV CANADA towers, monthly
401-0011	Itinerant movements, by type of power plant, airports with NAV CANADA towers, monthly
401-0012	Itinerant movements, by aircraft gross take-off weight, airports with NAV CANADA towers, monthly
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
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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	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

Selected surveys from Statistics Canada

2715	Aircraft Movement Statistics
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Selected summary tables from Statistics Canada

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

Statistical tables

Table 1
Total aircraft movements by class of operation

	Number of days reported for current month	Total, itinerant and local movements	Total itinerant movements	Total local movements
		number		
Aklavik, Northwest Territories	26	175	175	0
Amos Municipal, Quebec	27	625	89	536
Arviat, Nunavut	25	234	234	0
Baie-Comeau, Quebec	30	573	573	0
Baker Lake, Nunavut	30	522	521	1
Barrie-Orillia-Lake Simcoe Regional, Ontario	30	1,141	456	685
Bathurst, New Brunswick	30	207	207	0
Beaver Creek, Yukon Territory	2	7	7	0
Berens River, Manitoba	..	1,440	..	..
Bloodvein River, Manitoba	..	1,487	..	..
Brochet, Manitoba	..	862	..	..
Bromont, Quebec	23	462	408	54
Buffalo Narrows, Saskatchewan	29	454	444	10
Burwash, Yukon Territory	3	6	6	0
Cambridge Bay, Nunavut	30	301	295	6
Cape Dorset, Nunavut	19	79	79	0
Charlo, New Brunswick	21	75	75	0
Chesterfield Inlet, Nunavut	22	100	100	0
Chevery, Quebec	25	269	269	0
Chibougamau/Chapais, Quebec	30	596	576	20
Comox, British Columbia	30	1,433	1,433	0
Coral Harbour, Nunavut	26	135	135	0
Cross Lake, Manitoba	..	929	..	..
Dauphin, Manitoba	24	268	198	70
Dawson, Yukon Territory	28	189	189	0
Dawson Creek, British Columbia	30	1,073	703	370
Déline, Northwest Territories	27	179	179	0
Digby, Nova Scotia	16	67	67	0
Digby Island, British Columbia	10	28	28	0
Drummondville, Quebec	20	455	285	170
Dryden Regional, Ontario	30	702	690	12
Eastmain River, Quebec	24	116	116	0
Elliot Lake Municipal, Ontario	29	446	252	194
Eureka, Nunavut	3	4	4	0
Faro, Yukon Territory	6	13	13	0
Flin Flon, Manitoba	30	450	444	6
Fort Frances Municipal, Ontario	25	356	356	0
Fort Good Hope, Northwest Territories	26	277	277	0
Fort McPherson, Northwest Territories	12	88	88	0
Fort Resolution, Northwest Territories	5	17	17	0
Fort Simpson, Northwest Territories	30	321	318	3
Fort Smith, Northwest Territories	29	332	326	6
Gamëti/Rae Lakes, Northwest Territories	16	61	61	0
Gaspé, Quebec	30	370	370	0
Geraldton, Ontario	30	211	211	0
Gillam, Manitoba	28	240	240	0
Gjoa Haven, Nunavut	26	227	227	0
Gods Lake Narrows, Manitoba	..	927	..	..
Gods River, Manitoba	..	1,278	..	..
Goose Bay, Newfoundland and Labrador	30	2,534	2,534	0
Grise Fiord, Nunavut	13	34	34	0
Guelph, Ontario	19	2,082	0	2,082
Hall Beach, Nunavut	26	137	137	0
Havre St-Pierre, Quebec	26	343	327	16
Hay River, Northwest Territories	30	548	542	6
Hearst/René Fontaine Municipal, Ontario	18	60	60	0
Igloolik, Nunavut	25	113	113	0
Ilford, Manitoba	..	305	..	..
Island Lake, Manitoba	30	1,282	1,278	4
Kapuskasing, Ontario	30	375	285	90
Kimmirut, Nunavut	21	100	100	0
Kugaaruk, Nunavut	25	126	125	1
Lac Brochet, Manitoba	..	1,340	..	..
Little Grand Rapids, Manitoba	..	2,642	..	..
Lourdes-de-Blanc-Sablon, Quebec	29	375	369	6
Lutsel'e, Northwest Territories	24	177	177	0
Mayo, Yukon Territory	18	146	140	6
Moosonee, Ontario	30	3,722	3,521	201

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	29	678	512	166
Nakina, Ontario	30	388	388	0
Nanisivik, Nunavut	23	71	71	0
Natashquan, Quebec	25	214	214	0
Norway House, Manitoba	29	397	397	0
Old Crow, Yukon Territory	21	50	50	0
Oxford House, Manitoba	..	1,838	..	..
Pabok, Quebec	10	30	30	0
Pangnirtung, Nunavut	25	168	168	0
Paulatuk, Northwest Territories	16	112	112	0
Peterborough, Ontario	29	778	367	411
Pickle Lake, Ontario	30	1,430	1,354	76
Pikwitonei, Manitoba	..	184	..	..
Pond Inlet, Nunavut	28	139	139	0
Poplar River, Manitoba	..	1,076	..	..
Prince Rupert/Seal Cove, British Columbia	29	957	957	0
Pukatawagan, Manitoba	..	1,092	..	..
Qikiqtarjuaq, Nunavut	26	82	82	0
Quesnel, British Columbia	29	349	279	70
Red Lake, Ontario	30	2,238	2,132	106
Red Sucker Lake, Manitoba	..	1,336	..	..
Repulse Bay, Nunavut	15	74	74	0
Rimouski, Quebec	28	387	265	122
Roberval, Quebec	30	297	271	26
Sandspit, British Columbia	30	317	317	0
Sanikiluaq, Nunavut	11	48	48	0
Shamattawa, Manitoba	..	1,786	..	..
Sherbrooke, Quebec	28	904	324	580
South Indian Lake, Manitoba	..	456	..	..
St. Theresa Point, Manitoba	30	1,299	1,299	0
Stephenville, Newfoundland and Labrador	27	132	132	0
Stony Rapids, Saskatchewan	30	1,575	1,575	0
Sydney, Nova Scotia	30	548	444	104
Tadoule Lake, Manitoba	..	696	..	..
Taloyoak, Nunavut	28	164	164	0
Teslin, Yukon Territory	1	2	2	0
The Pas, Manitoba	30	336	332	4
Thicket Portage, Manitoba	..	91	..	..
Tofino, British Columbia	30	306	296	10
Trois-Rivières, Quebec	28	1,941	980	961
Tuktoyaktuk, Northwest Territories	30	420	420	0
Tulita, Northwest Territories	22	271	271	0
Ulukhakt/Holman, Northwest Territories	24	80	80	0
Waskaganish, Quebec	27	252	252	0
Watson Lake, Yukon Territory	23	98	98	0
Welland/Niagara Central, Ontario	23	1,446	95	1,351
Whale Cove, Nunavut	23	71	71	0
Wrigley, Northwest Territories	17	244	244	0
York Landing, Manitoba	..	432	..	..
Yorkton Municipal, Saskatchewan	29	594	368	226
Total (118)	30	66,122	37,157	8,768

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	175	169	0	2	0	0	0	4	0
Amos Municipal, Quebec	89	42	14	30	0	0	0	3	0
Arviat, Nunavut	234	168	0	60	0	0	0	6	0
Baie-Comeau, Quebec	573	463	9	18	0	0	0	70	13
Baker Lake, Nunavut	521	399	87	15	0	0	0	14	6
Barrie-Orillia-Lake Simcoe Regional, Ontario	456	198	70	136	0	0	18	27	7
Bathurst, New Brunswick	207	164	2	5	12	14	4	6	0
Beaver Creek, Yukon Territory	7	0	0	5	0	0	2	0	0
Bromont, Quebec	408	29	100	262	1	0	6	0	10
Buffalo Narrows, Saskatchewan	444	415	2	5	0	0	0	22	0
Burwash, Yukon Territory	6	0	0	6	0	0	0	0	0
Cambridge Bay, Nunavut	295	283	4	2	0	0	0	4	2
Cape Dorset, Nunavut	79	69	0	0	0	0	0	10	0
Charlo, New Brunswick	75	14	3	42	0	0	0	16	0
Chesterfield Inlet, Nunavut	100	90	0	2	0	0	0	8	0
Chevery, Quebec	269	262	5	2	0	0	0	0	0
Chibougamau/Chapais, Quebec	576	468	63	23	0	0	0	18	4
Comox, British Columbia	1,433	1,127	4	5	0	0	1	8	288
Coral Harbour, Nunavut	135	129	0	0	0	0	0	6	0
Dauphin, Manitoba	198	100	35	11	0	0	0	20	32
Dawson, Yukon Territory	189	141	15	29	0	0	2	2	0
Dawson Creek, British Columbia	703	385	158	149	1	0	2	8	0
Déline, Northwest Territories	179	173	0	2	0	0	0	4	0
Digby, Nova Scotia	67	0	18	49	0	0	0	0	0
Digby Island, British Columbia	28	28	0	0	0	0	0	0	0
Drummondville, Quebec	285	76	52	141	2	0	2	2	10
Dryden Regional, Ontario	690	601	22	41	0	0	1	24	1
Eastmain River, Quebec	116	116	0	0	0	0	0	0	0
Elliot Lake Municipal, Ontario	252	165	56	29	0	0	0	2	0
Eureka, Nunavut	4	2	2	0	0	0	0	0	0
Faro, Yukon Territory	13	13	0	0	0	0	0	0	0
Flin Flon, Manitoba	444	383	8	20	0	0	0	33	0
Fort Frances Municipal, Ontario	356	338	7	9	0	0	2	0	0
Fort Good Hope, Northwest Territories	277	262	2	9	0	0	0	4	0
Fort McPherson, Northwest Territories	88	82	0	2	0	0	0	4	0
Fort Resolution, Northwest Territories	17	15	0	2	0	0	0	0	0
Fort Simpson, Northwest Territories	318	306	2	4	0	0	0	2	4
Fort Smith, Northwest Territories	326	302	6	12	0	0	0	4	2
Gamëti/Rae Lakes, Northwest Territories	61	61	0	0	0	0	0	0	0
Gaspé, Quebec	370	321	4	5	0	0	0	38	2
Geraldton, Ontario	211	175	8	22	0	0	0	4	2
Gillam, Manitoba	240	232	0	4	0	0	0	4	0
Gjoa Haven, Nunavut	227	178	43	0	0	0	0	6	0
Goose Bay, Newfoundland and Labrador	2,534	1,843	94	83	106	40	201	33	134
Grise Fiord, Nunavut	34	34	0	0	0	0	0	0	0
Hall Beach, Nunavut	137	123	5	1	0	0	0	6	2
Havre St-Pierre, Quebec	327	267	44	0	0	0	0	16	0
Hay River, Northwest Territories	542	493	0	21	0	0	0	20	8
Hearst/René Fontaine Municipal, Ontario	60	60	0	0	0	0	0	0	0
Igloolik, Nunavut	113	105	2	0	0	0	0	6	0
Island Lake, Manitoba	1,278	1,234	0	8	0	0	0	36	0
Kapuskasing, Ontario	285	234	38	5	0	0	0	2	6
Kimirut, Nunavut	100	77	0	0	0	0	0	23	0
Kugaaruk, Nunavut	125	97	22	0	0	0	0	6	0
Lourdes-de-Blanc-Sablon, Quebec	369	351	9	6	0	0	0	3	0
Lutselk'e, Northwest Territories	177	155	0	19	1	0	0	2	0
Mayo, Yukon Territory	140	137	0	1	0	0	0	2	0
Moosonee, Ontario	3,521	3,499	8	12	0	0	0	2	0
Muskoka, Ontario	512	165	88	209	5	0	9	30	6
Nakina, Ontario	388	276	2	110	0	0	0	0	0
Nanisivik, Nunavut	71	60	8	1	0	0	0	2	0
Natashquan, Quebec	214	194	6	10	0	0	0	4	0
Norway House, Manitoba	397	382	0	0	0	0	0	15	0
Old Crow, Yukon Territory	50	50	0	0	0	0	0	0	0
Pabok, Quebec	30	5	4	5	0	0	0	16	0
Pangnirtung, Nunavut	168	157	0	0	0	0	0	11	0
Paulatuk, Northwest Territories	112	64	0	0	0	0	0	46	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							
Peterborough, Ontario	367	52	95	200	0	0	0	8	12
Pickle Lake, Ontario	1,354	1,243	70	39	0	0	0	2	0
Pond Inlet, Nunavut	139	101	34	0	0	0	0	4	0
Prince Rupert/Seal Cove, British Columbia	957	852	2	27	3	0	0	73	0
Qikiqtarjuaq, Nunavut	82	76	0	0	0	0	0	6	0
Quesnel, British Columbia	279	178	24	73	0	0	0	4	0
Red Lake, Ontario	2,132	1,953	52	61	0	0	1	55	10
Repulse Bay, Nunavut	74	48	0	22	0	0	0	4	0
Rimouski, Quebec	265	189	12	57	0	0	1	4	2
Roberval, Quebec	271	123	46	94	0	0	0	2	6
Sandspit, British Columbia	317	280	11	0	0	0	0	16	10
Sanikiluaq, Nunavut	48	44	0	0	0	0	0	4	0
Sherbrooke, Quebec	324	118	17	167	4	0	12	2	4
St. Theresa Point, Manitoba	1,299	1,295	0	0	0	0	0	4	0
Stephenville, Newfoundland and Labrador	132	77	0	4	15	0	16	18	2
Stony Rapids, Saskatchewan	1,575	1,264	191	95	1	0	0	24	0
Sydney, Nova Scotia	444	386	10	19	4	0	5	10	10
Taloyoak, Nunavut	164	138	17	1	0	0	0	6	2
Teslin, Yukon Territory	2	2	0	0	0	0	0	0	0
The Pas, Manitoba	332	309	2	5	2	0	0	14	0
Tofino, British Columbia	296	190	3	65	2	0	3	33	0
Trois-Rivières, Quebec	980	415	104	440	0	0	0	7	14
Tuktoyaktuk, Northwest Territories	420	408	0	0	0	0	0	0	12
Tulita, Northwest Territories	271	232	4	33	0	0	0	2	0
Ulukhakt/Holman, Northwest Territories	80	80	0	0	0	0	0	0	0
Waskaganish, Quebec	252	252	0	0	0	0	0	0	0
Watson Lake, Yukon Territory	98	38	8	38	0	0	2	10	2
Welland/Niagara Central, Ontario	95	10	19	61	0	2	3	0	0
Whale Cove, Nunavut	71	25	0	42	0	0	0	4	0
Wrigley, Northwest Territories	244	243	1	0	0	0	0	0	0
Yorkton Municipal, Saskatchewan	368	223	20	77	0	0	0	17	31
Total (98)	37,157	29,850	1,873	3,271	159	56	293	997	658

Table 2-2
Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Aklavik, Northwest Territories	175	0	100	75	0	0
Amos Municipal, Quebec	89	3	38	45	3	0
Arviat, Nunavut	234	0	230	0	4	0
Baie-Comeau, Quebec	573	27	335	165	46	0
Baker Lake, Nunavut	521	0	431	87	3	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	456	9	88	267	92	0
Bathurst, New Brunswick	207	0	128	73	6	0
Beaver Creek, Yukon Territory	7	0	0	7	0	0
Bromont, Quebec	408	2	15	351	40	0
Buffalo Narrows, Saskatchewan	444	3	225	215	1	0
Burwash, Yukon Territory	6	0	0	6	0	0
Cambridge Bay, Nunavut	295	40	237	4	14	0
Cape Dorset, Nunavut	79	0	79	0	0	0
Charlo, New Brunswick	75	4	20	22	27	2
Chesterfield Inlet, Nunavut	100	0	100	0	0	0
Chevery, Quebec	269	0	247	10	12	0
Chibougamau/Chapais, Quebec	576	20	478	33	45	0
Comox, British Columbia	1,433	254	930	132	112	5
Coral Harbour, Nunavut	135	0	102	33	0	0
Dauphin, Manitoba	198	13	132	52	1	0
Dawson, Yukon Territory	189	0	89	62	38	0
Dawson Creek, British Columbia	703	8	308	258	129	0
Déline, Northwest Territories	179	0	145	30	4	0
Digby, Nova Scotia	67	0	0	57	10	0
Digby Island, British Columbia	28	0	2	26	0	0
Drummondville, Quebec	285	0	3	246	36	0
Dryden Regional, Ontario	690	5	480	124	81	0
Eastmain River, Quebec	116	0	112	2	2	0
Elliot Lake Municipal, Ontario	252	0	136	91	25	0
Eureka, Nunavut	4	0	4	0	0	0
Faro, Yukon Territory	13	0	2	7	4	0
Flin Flon, Manitoba	444	4	282	142	16	0
Fort Frances Municipal, Ontario	356	0	255	84	15	2
Fort Good Hope, Northwest Territories	277	0	126	138	13	0
Fort McPherson, Northwest Territories	88	0	54	34	0	0
Fort Resolution, Northwest Territories	17	0	15	2	0	0
Fort Simpson, Northwest Territories	318	0	177	91	50	0
Fort Smith, Northwest Territories	326	0	266	46	14	0
Gamëti/Rae Lakes, Northwest Territories	61	0	61	0	0	0
Gaspé, Quebec	370	16	303	42	9	0
Geraldton, Ontario	211	0	82	24	105	0
Gillam, Manitoba	240	0	112	89	39	0
Gjoa Haven, Nunavut	227	0	223	0	4	0
Goose Bay, Newfoundland and Labrador	2,534	408	1,521	123	482	0
Grise Fiord, Nunavut	34	0	30	4	0	0
Hall Beach, Nunavut	137	0	87	11	39	0
Havre St-Pierre, Quebec	327	2	43	123	159	0
Hay River, Northwest Territories	542	8	356	151	27	0
Hearst/René Fontaine Municipal, Ontario	60	0	16	19	25	0
Igloolik, Nunavut	113	0	111	2	0	0
Island Lake, Manitoba	1,278	4	614	101	559	0
Kapuskasing, Ontario	285	4	238	36	7	0
Kimmirut, Nunavut	100	0	98	0	2	0
Kugaaruk, Nunavut	125	2	87	0	36	0
Louderes-de-Blanc-Sablon, Quebec	369	0	314	36	19	0
Lutselk'e, Northwest Territories	177	0	111	61	5	0
Mayo, Yukon Territory	140	0	31	86	23	0
Moosonee, Ontario	3,521	1	892	400	2,228	0
Muskoka, Ontario	512	19	63	356	74	0
Nakina, Ontario	388	0	270	116	2	0
Nanisivik, Nunavut	71	0	70	1	0	0
Natashquan, Quebec	214	0	173	22	19	0
Norway House, Manitoba	397	0	362	33	2	0
Old Crow, Yukon Territory	50	0	48	2	0	0
Pabok, Quebec	30	6	13	11	0	0
Pangnirtung, Nunavut	168	0	165	0	3	0
Paulatuk, Northwest Territories	112	0	68	0	44	0
Peterborough, Ontario	367	11	34	284	38	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	1,354	0	1,230	94	30	0
Pond Inlet, Nunavut	139	0	139	0	0	0
Prince Rupert/Seal Cove, British Columbia	957	0	166	539	252	0
Qikiqtarjuaq, Nunavut	82	0	76	0	6	0
Quesnel, British Columbia	279	15	172	65	27	0
Red Lake, Ontario	2,132	2	1,399	711	20	0
Repulse Bay, Nunavut	74	0	73	1	0	0
Rimouski, Quebec	265	2	57	198	8	0
Roberval, Quebec	271	2	106	155	8	0
Sandspit, British Columbia	317	2	103	0	212	0
Sanikiluaq, Nunavut	48	0	48	0	0	0
Sherbrooke, Quebec	324	16	72	222	14	0
St. Theresa Point, Manitoba	1,299	4	244	75	976	0
Stephenville, Newfoundland and Labrador	132	34	78	6	14	0
Stony Rapids, Saskatchewan	1,575	5	611	386	573	0
Sydney, Nova Scotia	444	24	313	83	22	2
Taloyoak, Nunavut	164	2	161	1	0	0
Teslin, Yukon Territory	2	0	0	0	2	0
The Pas, Manitoba	332	12	277	42	1	0
Tofino, British Columbia	296	6	22	156	112	0
Trois-Rivières, Quebec	980	23	18	855	84	0
Tuktoyaktuk, Northwest Territories	420	0	276	32	112	0
Tulita, Northwest Territories	271	0	143	84	44	0
Ulukhakt/Holman, Northwest Territories	80	0	80	0	0	0
Waskaganish, Quebec	252	0	244	8	0	0
Watson Lake, Yukon Territory	98	4	44	30	20	0
Welland/Niagara Central, Ontario	95	4	0	89	2	0
Whale Cove, Nunavut	71	0	69	2	0	0
Wrigley, Northwest Territories	244	0	3	71	170	0
Yorkton Municipal, Saskatchewan	368	15	12	286	55	0
Total (98)	37,157	1,045	19,203	9,341	7,557	11

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	175	34	41	92	4	0	4	0
Amos Municipal, Quebec	89	41	6	39	0	0	3	0
Arviat, Nunavut	234	4	42	36	2	54	96	0
Baie-Comeau, Quebec	573	69	139	201	3	133	28	0
Baker Lake, Nunavut	521	4	105	194	50	115	53	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	456	312	47	52	42	1	2	0
Bathurst, New Brunswick	207	37	42	20	0	104	4	0
Beaver Creek, Yukon Territory	7	7	0	0	0	0	0	0
Bromont, Quebec	408	368	13	20	0	2	5	0
Buffalo Narrows, Saskatchewan	444	20	198	206	15	5	0	0
Burwash, Yukon Territory	6	6	0	0	0	0	0	0
Cambridge Bay, Nunavut	295	2	0	92	26	74	73	28
Cape Dorset, Nunavut	79	0	0	47	0	31	1	0
Charlo, New Brunswick	75	38	13	20	2	0	2	0
Chesterfield Inlet, Nunavut	100	0	0	58	10	24	8	0
Chevery, Quebec	269	12	10	103	104	40	0	0
Chibougamau/Chapais, Quebec	576	43	90	183	86	160	14	0
Comox, British Columbia	1,433	53	108	56	476	328	170	242
Coral Harbour, Nunavut	135	31	2	42	0	2	58	0
Dauphin, Manitoba	198	49	4	118	9	16	2	0
Dawson, Yukon Territory	189	96	4	8	0	0	81	0
Dawson Creek, British Columbia	703	317	20	136	128	102	0	0
Déline, Northwest Territories	179	14	54	91	0	0	20	0
Digby, Nova Scotia	67	67	0	0	0	0	0	0
Digby Island, British Columbia	28	0	28	0	0	0	0	0
Drummondville, Quebec	285	270	6	3	0	6	0	0
Dryden Regional, Ontario	690	136	61	484	8	0	1	0
Eastmain River, Quebec	116	4	0	20	0	92	0	0
Elliot Lake Municipal, Ontario	252	73	90	83	0	6	0	0
Eureka, Nunavut	4	0	0	0	4	0	0	0
Faro, Yukon Territory	13	8	3	2	0	0	0	0
Flin Flon, Manitoba	444	62	97	189	4	92	0	0
Fort Frances Municipal, Ontario	356	12	81	263	0	0	0	0
Fort Good Hope, Northwest Territories	277	56	33	96	0	67	25	0
Fort McPherson, Northwest Territories	88	10	24	50	4	0	0	0
Fort Resolution, Northwest Territories	17	0	2	14	1	0	0	0
Fort Simpson, Northwest Territories	318	129	58	49	10	0	72	0
Fort Smith, Northwest Territories	326	48	23	72	183	0	0	0
Gamëti/Rae Lakes, Northwest Territories	61	0	26	35	0	0	0	0
Gaspé, Quebec	370	12	39	42	14	100	161	2
Geraldton, Ontario	211	102	19	86	0	2	0	2
Gillam, Manitoba	240	35	93	20	0	84	8	0
Gjoa Haven, Nunavut	227	0	0	49	10	50	118	0
Goose Bay, Newfoundland and Labrador	2,534	481	114	857	175	683	134	90
Grise Fiord, Nunavut	34	0	4	28	2	0	0	0
Hall Beach, Nunavut	137	28	10	40	0	0	57	2
Havre St-Pierre, Quebec	327	83	137	70	33	4	0	0
Hay River, Northwest Territories	542	43	32	118	4	198	143	4
Hearst/René Fontaine Municipal, Ontario	60	25	19	16	0	0	0	0
Igloolik, Nunavut	113	0	2	47	0	0	64	0
Island Lake, Manitoba	1,278	595	18	396	107	87	75	0
Kapuskasing, Ontario	285	9	70	202	2	2	0	0
Kimmirut, Nunavut	100	2	0	97	0	0	1	0
Kugaaruk, Nunavut	125	0	0	58	2	24	41	0
Loures-de-Blanc-Sablon, Quebec	369	24	32	174	84	55	0	0
Lutselk'e, Northwest Territories	177	11	110	50	0	4	2	0
Mayo, Yukon Territory	140	85	32	23	0	0	0	0
Moosonee, Ontario	3,521	2,223	318	619	171	109	81	0
Muskoka, Ontario	512	386	69	25	6	17	9	0
Nakina, Ontario	388	112	132	144	0	0	0	0
Nanisivik, Nunavut	71	1	0	10	4	0	56	0
Natashquan, Quebec	214	26	15	122	37	14	0	0
Norway House, Manitoba	397	4	37	328	0	0	28	0
Old Crow, Yukon Territory	50	0	4	4	0	0	42	0
Pabok, Quebec	30	3	8	3	0	10	6	0
Pangnirtung, Nunavut	168	0	3	85	0	15	65	0
Paulatuk, Northwest Territories	112	0	0	87	25	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	367	297	17	38	6	3	4	2
Pickle Lake, Ontario	1,354	42	504	351	105	0	352	0
Pond Inlet, Nunavut	139	0	0	46	29	58	6	0
Prince Rupert/Seal Cove, British Columbia	957	174	773	0	0	10	0	0
Qikiqtarjuaq, Nunavut	82	0	4	32	0	2	44	0
Quesnel, British Columbia	279	86	6	8	173	0	6	0
Red Lake, Ontario	2,132	359	678	638	231	20	206	0
Repulse Bay, Nunavut	74	1	0	34	6	0	33	0
Rimouski, Quebec	265	107	97	15	43	3	0	0
Roberval, Quebec	271	133	30	28	76	2	2	0
Sandspit, British Columbia	317	194	14	33	6	4	64	2
Sanikiluaq, Nunavut	48	0	0	34	2	0	12	0
Sherbrooke, Quebec	324	216	24	68	4	8	4	0
St. Theresa Point, Manitoba	1,299	1,003	11	128	4	134	19	0
Stephenville, Newfoundland and Labrador	132	14	6	12	8	72	10	10
Stony Rapids, Saskatchewan	1,575	491	383	440	141	92	26	2
Sydney, Nova Scotia	444	34	67	18	58	239	10	18
Taloyoak, Nunavut	164	1	0	38	1	62	62	0
Teslin, Yukon Territory	2	2	0	0	0	0	0	0
The Pas, Manitoba	332	6	37	176	12	101	0	0
Tofino, British Columbia	296	142	104	38	6	0	6	0
Trois-Rivières, Quebec	980	892	44	23	0	2	2	17
Tuktoyaktuk, Northwest Territories	420	4	2	212	64	138	0	0
Tulita, Northwest Territories	271	106	79	75	0	0	11	0
Ulukhakot/Holman, Northwest Territories	80	0	0	50	4	0	26	0
Waskaganish, Quebec	252	4	4	34	14	196	0	0
Watson Lake, Yukon Territory	98	42	0	28	22	2	4	0
Welland/Niagara Central, Ontario	95	82	7	0	0	2	4	0
Whale Cove, Nunavut	71	2	0	24	5	0	40	0
Wrigley, Northwest Territories	244	231	7	3	0	0	3	0
Yorkton Municipal, Saskatchewan	368	265	65	19	15	4	0	0
Total (98)	37,157	11,652	5,750	9,617	2,882	4,066	2,769	421

Table 3
Local movements by type of operation

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	536	536	0
Baker Lake, Nunavut	1	1	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	685	685	0
Bromont, Quebec	54	54	0
Buffalo Narrows, Saskatchewan	10	10	0
Cambridge Bay, Nunavut	6	6	0
Chibougamau/Chapais, Quebec	20	20	0
Dauphin, Manitoba	70	70	0
Dawson Creek, British Columbia	370	370	0
Drummondville, Quebec	170	164	6
Dryden Regional, Ontario	12	12	0
Elliot Lake Municipal, Ontario	194	194	0
Flin Flon, Manitoba	6	6	0
Fort Simpson, Northwest Territories	3	3	0
Fort Smith, Northwest Territories	6	6	0
Guelph, Ontario	2,082	2,082	0
Havre St-Pierre, Quebec	16	16	0
Hay River, Northwest Territories	6	6	0
Island Lake, Manitoba	4	4	0
Kapuskasing, Ontario	90	90	0
Kugaaruk, Nunavut	1	1	0
Lourdes-de-Blanc-Sablon, Quebec	6	6	0
Mayo, Yukon Territory	6	6	0
Moosonee, Ontario	201	201	0
Muskoka, Ontario	166	166	0
Peterborough, Ontario	411	411	0
Pickle Lake, Ontario	76	76	0
Quesnel, British Columbia	70	70	0
Red Lake, Ontario	106	106	0
Rimouski, Quebec	122	122	0
Roberval, Quebec	26	26	0
Sherbrooke, Quebec	580	580	0
Sydney, Nova Scotia	104	66	38
The Pas, Manitoba	4	2	2
Tofino, British Columbia	10	10	0
Trois-Rivières, Quebec	961	961	0
Welland/Niagara Central, Ontario	1,351	1,351	0
Yorkton Municipal, Saskatchewan	226	226	0
Total (38)	8,768	8,722	46

Methodology

Airports without air traffic control towers

Survey universe

The statistics in this publication reflect the number of aircraft movements reported to the Aviation Statistics Centre (ASC) by airport and carrier personnel, members of flying clubs and employees of various levels of government at airports without control towers across Canada. There are approximately 6,000 aerodromes in Canada, including land (runways and/or heliports) and water facilities. Of these, approximately 1,300 are airports operating under licences issued by Transport Canada (including those listed in 51-007-X and most of those listed in this publication). Criteria for inclusion in this publication are the size and scope of operation and the importance in establishing regional traffic patterns.

Coverage

The statistics appearing in this publication were compiled in most cases from daily air traffic records received by the ASC. The data for 19 of 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

Although every effort is made to ensure the quality of the data, the statistics relative to airports where there is no air traffic control tower or flight service station should be used with due consideration for their limitations.

The validity of the source data reported is controlled through the use of computerized edit programs. Identified errors originating with the source documents or with data transmission are manually corrected by ASC editing staff.

To help respondents maintain a high level of accuracy in reporting, the Aviation Statistics Centre issues instructions explaining the various concepts of the required source data and the method of completing the forms. Respondents are also furnished with an "Air traffic designators" handbook (TP 143) showing the official Transport Canada aircraft type designators and the designators of various domestic and international air carriers. This handbook and another titled "Canada Flight Supplement" listing various airport codes, serve as reference to ensure the reporting of the proper aircraft identity and the last stop or next stop of flights at reporting airports.

At airports without towers or flight service stations, survey respondents, in performing their various assignments, are not always aware of all aircraft movements at their airport. For example, at small airports the airport manager may be responsible for both the administration and maintenance of the station facilities. At some airports the Daily air traffic records are filed by flying club managers who may not be completely familiar with other activities at other areas of the airport.

At airports with flying school operations it is sometimes difficult to record each individual local aircraft movement. In such cases, ASC would advise the airport manager to report local movements based on hours expended in flying training operations. Observations have shown that, on average, six circuits can be made during each hour of flying training. Therefore, 12 local aircraft movements would be counted for each hour of flying training. At stations where the circuits demand a different norm, the respondent will make corrections accordingly.

Appendix I

Factors influencing the data

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 November 2006 but were not available in November 2007:

Clyde River, Nunavut
Fort Liard, Northwest Territories
Liverpool/South Shore Regional, Nova Scotia
Port-Menier, Quebec
Resolute Bay, Nunavut
Sachs Harbour, Northwest Territories
St. Leonard, New Brunswick

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

Beaver Creek, Yukon Territory
Bromont, Quebec
Fort Good Hope, Northwest Territories
Fort Simpson, Northwest Territories
Fort Smith, Northwest Territories
Hall Beach, Nunavut
Paulatuk, Northwest Territories
Roberval, Quebec
Teslin, Yukon Territory

Appendix II

Glossary of terms

Air carrier

Aircraft operators, licensed by the Canadian Transportation Agency to transport persons, mail and/or goods by air.

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

Level IV-VI air carriers: Canadian air carriers that, in each of the two calendar years immediately 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.