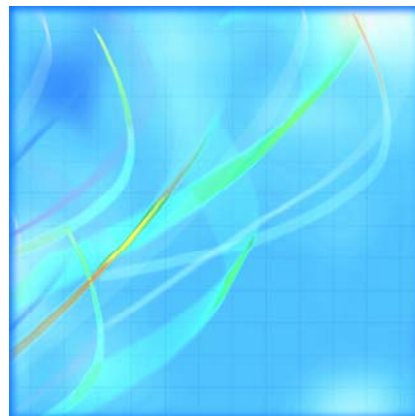


Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)

February 2011



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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
- 0^s 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
- * significantly different from reference category ($p < 0.05$)

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This publication was prepared by the Aviation Statistics Centre, of the Transportation Division, Statistics Canada under the general direction of **Fred Barzyk**, Director, Transportation Division and **Norah Hillary**, Chief, Aviation Statistics Centre. **Kathie Davidson**, **Rose Krakower**, **John Scolli**, **Bev Pomfret** and **Jim Charinos** contributed to the preparation of this publication.

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Highlights

- Goose Bay, Newfoundland and Labrador, the most active site in February 2011, recorded 2,158 itinerant movements. This represented 7.4% of the total itinerant movements registered by 112 airports.
- Peterborough, Ontario (985 movements) followed by Welland/Niagara Central, Ontario (768 movements) recorded the greatest number of local movements in February 2011.

Text table 1

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

	February 2010	February 2011	Percentage change, February 2010 to February 2011	Year-to-date total		Percentage change 2010 to 2011
				2010	2011	
	number		percent	number		percent
Total	38,112	36,181	-5.1	76,537	74,442	-2.7
Itinerant movements						
Carrier	22,379	22,270	-0.5	44,904	45,621	1.6
Other commercial	624	929	48.9	1,250	1,588	27.0
Private	2,186	1,694	-22.5	4,289	3,485	-18.7
Government						
Civil	1,263	1,033	-18.2	2,318	2,098	-9.5
Military	1,406	662	-52.9	2,227	1,336	-40.0
Total	30,348	29,209	-3.8	59,763	58,966	-1.3
Local movements						
Civil	5,864	4,489	-23.4	12,558	10,332	-17.7
Military	20	7	-65.0	58	37	-36.2
Total	6,078	4,724	-22.3	13,057	10,930	-16.3
Number of airports in the survey	137	131	...	137	131	...

Analysis

In February 2011, the number of take-offs and landings at the 131 airports without air traffic control towers reached 36,181 movements. Goose Bay, Newfoundland and Labrador (2,158 movements) followed by Comox, British Columbia (1,410 movements) were the most active sites. Year-over-year comparisons are possible for 128 of the 131 airports; 65 showed increases compared to the same month last year, while 60 showed decreases.

There were 29,209 itinerant movements (flights from one airport to another) recorded by 112 airports without air traffic control towers in February 2011. Goose Bay, Newfoundland and Labrador, the most active site, represented 7.4% of the total itinerant reported movements. It recorded 2,158 take-offs and landings, up 26.9% from 2010.

Thirty-nine airports without air traffic control towers reported 4,724 local movements (flights that remain in the vicinity of the airport) in February 2011. Peterborough, Ontario (985 movements) followed by Welland/Niagara Central, Ontario (768 movements) recorded the greatest number of local movements in February 2011.

Related products

Selected publications from Statistics Canada

51-007-X	Aircraft Movement Statistics: NAV CANADA Towers and Flight Service Stations (TP 141)
51-203-X	Air Carrier Traffic at Canadian Airports
51-206-X	Canadian Civil Aviation
51-209-X	Aircraft Movement Statistics: NAV CANADA Towers and Flight Service Stations: Annual Report (TP 577)
51-210-X	Aircraft Movement Statistics: Airports Without Air Traffic Control Towers: Annual Report (TP 577)

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
401-0020	Domestic and international itinerant movements, by type of operation, airports with NAV CANADA flight service stations, monthly
401-0021	Monthly aircraft movements, by class of operation and type of operation, airports without air traffic control towers
401-0022	Monthly itinerant movements, by weight group and type of power plant, airports without air traffic control towers
401-0023	Aircraft movements, by class of operation, airports with NAV CANADA towers, annual
401-0024	Aircraft movements, by civil and military movements, airports with NAV CANADA towers, annual
401-0025	Itinerant movements, by type of operation, airports with NAV CANADA towers, annual
401-0026	Itinerant movements, by instrument flight rules, visual flight rules and runway 88, airports with NAV CANADA towers, annual
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401-0034	Itinerant movements, by type of power plant, airports with NAV CANADA flight service stations, annual

401-0035	Itinerant movements, by aircraft gross take-off weight, airports with NAV CANADA flight service stations, annual
401-0036	Domestic and international itinerant movements, by type of operation, airports with NAV CANADA flight service stations, annual
401-0037	Annual aircraft movements, by class of operation and type of operation, airports without air traffic control towers
401-0038	Annual itinerant movements, by weight group and type of power plant, airports without air traffic control towers

Selected surveys from Statistics Canada

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		
Akulivik, Quebec	.	149	149	0
Amos Municipal, Quebec	28	146	78	68
Arctic Bay, Nunavut	20	53	51	2
Arviat, Nunavut	24	232	232	0
Aupaluk, Quebec	.	87	81	6
Baie-Comeau, Quebec	28	541	533	8
Baker Lake, Nunavut	24	244	244	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	28	919	255	664
Bathurst, New Brunswick	27	226	226	0
Beaver Creek, Yukon	9	25	25	0
Berens River, Manitoba	..	112	..	..
Bloodvein River, Manitoba	..	116	..	..
Brochet, Manitoba	..	104	..	..
Buffalo Narrows, Saskatchewan	23	424	418	6
Burwash, Yukon	2	4	4	0
Cambridge Bay, Nunavut	28	341	333	8
Cape Dorset, Nunavut	17	75	75	0
Charlo, New Brunswick	17	77	77	0
Chesterfield Inlet, Nunavut	18	91	91	0
Chevery, Quebec	22	260	260	0
Chibougamau/Chapais, Quebec	28	485	463	22
Collingwood, Ontario	19	347	279	68
Comox, British Columbia	28	1,410	1,410	0
Coral Harbour, Nunavut	18	94	94	0
Cross Lake, Manitoba	..	140	..	..
Dauphin, Manitoba	24	255	249	6
Dawson, Yukon	26	231	231	0
Dawson Creek, British Columbia	28	364	362	2
Déline, Northwest Territories	25	129	129	0
Digby, Nova Scotia	11	30	12	18
Drummondville, Quebec	19	234	162	72
Dryden Regional, Ontario	28	672	652	20
Eastmain River, Quebec	18	92	92	0
Elliot Lake Municipal, Ontario	26	271	223	48
Eureka, Nunavut	3	6	6	0
Faro, Yukon	26	162	162	0
Flin Flon, Manitoba	28	432	426	6
Fort Frances Municipal, Ontario	27	355	355	0
Fort Liard, Northwest Territories	15	69	69	0
Fort McPherson, Northwest Territories	5	13	13	0
Fort Resolution, Northwest Territories	7	20	20	0
Fort Simpson, Northwest Territories	1	1	1	0
Gamëti/Rae Lakes, Northwest Territories	21	78	78	0
Gaspé, Quebec	28	275	275	0
Geraldton, Ontario	24	135	125	10
Gillam, Manitoba	27	275	275	0
Gjoa Haven, Nunavut	27	144	144	0
Gods Lake Narrows, Manitoba	..	102	..	..
Gods River, Manitoba	..	164	..	..
Goose Bay, Newfoundland and Labrador	28	2,158	2,158	0
Grise Fiord, Nunavut	9	15	15	0
Guelph, Ontario	13	622	0	622
Hall Beach, Nunavut	24	161	161	0
Havre St-Pierre, Quebec	27	377	377	0
Hay River, Northwest Territories	28	399	398	1
Hearst/René Fontaine Municipal, Ontario	11	65	65	0
Igloolik, Nunavut	25	112	112	0
Ilford, Manitoba	..	19	..	..
Inukjuak, Quebec	.	204	204	0
Island Lake, Manitoba	28	1,016	1,012	4
Ivujivik, Quebec	.	126	126	0
Kangiqsualujuaq, Quebec	.	126	126	0
Kangiqsujuaq, Quebec	.	123	121	2
Kangirsuk, Quebec	.	151	148	3
Kapuskasing, Ontario	28	383	297	86
Kimmirut, Nunavut	12	34	34	0
Kugaaruk, Nunavut	24	69	69	0
Kugluktuk, Nunavut	25	193	193	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			
Kuujuarapik, Quebec	28	371	371	0
Lac Brochet, Manitoba	..	174	..	..
Little Grand Rapids, Manitoba	..	150	..	..
Lourdes-de-Blanc-Sablon, Quebec	26	431	427	4
Lutselk'e, Northwest Territories	23	133	133	0
Mayo, Yukon	27	176	176	0
Miramichi, New Brunswick	24	236	236	0
Moosonee, Ontario	28	906	906	0
Muskoka, Ontario	24	522	386	136
Nakina, Ontario	28	549	543	6
Natashquan, Quebec	23	166	166	0
Norway House, Manitoba	28	434	430	4
Old Crow, Yukon	20	47	47	0
Oxford House, Manitoba	..	194	..	..
Pabok, Quebec	15	36	36	0
Pangnirtung, Nunavut	27	156	156	0
Peterborough, Ontario	28	1,342	357	985
Pickle Lake, Ontario	28	1,186	1,186	0
Pikwitonei, Manitoba	..	150	..	..
Pond Inlet, Nunavut	18	54	54	0
Poplar River, Manitoba	..	94	..	..
Port-Menier, Quebec	20	88	88	0
Prince Rupert/Digby Island, British Columbia	5	12	12	0
Prince Rupert/Seal Cove, British Columbia	28	707	707	0
Pukatawagan, Manitoba	..	110	..	..
Puvirnituq, Quebec	..	403	403	0
Qikiqtarjuaq, Nunavut	17	64	64	0
Quaqtaq, Quebec	..	134	134	0
Quesnel, British Columbia	28	207	207	0
Red Lake, Ontario	28	1,244	1,174	70
Red Sucker Lake, Manitoba	..	272	..	..
Repulse Bay, Nunavut	22	105	105	0
Resolute Bay, Nunavut	25	128	128	0
Rimouski, Quebec	23	149	149	0
Roberval, Quebec	23	215	197	18
Salluit, Quebec	..	180	180	0
Sandspit, British Columbia	28	183	183	0
Sanikiluaq, Nunavut	19	100	100	0
Shamattawa, Manitoba	..	198	..	..
Sherbrooke, Quebec	22	291	103	188
South Indian Lake, Manitoba	..	44	..	..
St. Anthony, Newfoundland and Labrador	27	281	281	0
St-Augustin, Quebec	17	135	135	0
St. Theresa Point, Manitoba	28	654	654	0
Stephenville, Newfoundland and Labrador	23	121	121	0
Stony Rapids, Saskatchewan	28	764	754	10
Sydney, Nova Scotia	28	398	388	10
Tadoule Lake, Manitoba	..	86	..	..
Taloyoak, Nunavut	27	133	133	0
Tasiujaq, Quebec	..	110	110	0
Teslin, Yukon	16	44	44	0
The Pas, Manitoba	28	271	251	20
Tillsonburg, Ontario	..	316	99	217
Tofino, British Columbia	25	219	199	20
Trois-Rivières, Quebec	28	509	388	121
Umiujaq, Quebec	..	170	170	0
Waskaganish, Quebec	17	145	145	0
Watson Lake, Yukon	28	146	146	0
Welland/Niagara Central, Ontario	13	806	38	768
Wemindji, Quebec	21	160	160	0
Whale Cove, Nunavut	20	116	116	0
York Landing, Manitoba	..	19	..	..
Yorkton Municipal, Saskatchewan	24	673	278	395
Total (131)	28	36,181	29,209	4,724

Table 2-1
Itinerant movements by class and type of operation

	Total itinerant movements	Domestic			International			Government	
		Carrier	Other commercial	Private	Carrier	Other commercial	Private	Civil	Military
		number							
Akulivik, Quebec	149	.	.	.	0	0	0	.	0
Amos Municipal, Quebec	78	34	2	34	0	0	0	8	0
Arctic Bay, Nunavut	51	49	2	0	0	0	0	0	0
Arviat, Nunavut	232	215	8	2	0	0	0	0	7
Aupaluk, Quebec	81	.	.	.	.	.	.	.	.
Baie-Comeau, Quebec	533	396	50	13	0	0	0	64	10
Baker Lake, Nunavut	244	239	0	0	3	0	0	2	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	255	100	12	90	0	0	3	48	2
Bathurst, New Brunswick	226	185	0	1	21	0	7	6	6
Beaver Creek, Yukon	25	25	0	0	0	0	0	0	0
Buffalo Narrows, Saskatchewan	418	384	13	3	0	0	0	18	0
Burwash, Yukon	4	4	0	0	0	0	0	0	0
Cambridge Bay, Nunavut	333	326	0	2	0	0	0	5	0
Cape Dorset, Nunavut	75	63	2	4	0	0	0	6	0
Charlo, New Brunswick	77	53	8	9	1	0	2	4	0
Chesterfield Inlet, Nunavut	91	88	0	3	0	0	0	0	0
Chevery, Quebec	260	236	22	2	0	0	0	0	0
Chibougamau/Chapais, Quebec	463	273	117	64	0	0	0	6	3
Collingwood, Ontario	279	24	22	232	0	0	0	0	1
Comox, British Columbia	1,410	999	4	2	9	0	1	19	376
Coral Harbour, Nunavut	94	92	0	2	0	0	0	0	0
Dauphin, Manitoba	249	92	53	20	0	0	1	14	69
Dawson, Yukon	231	181	0	16	5	0	24	2	3
Dawson Creek, British Columbia	362	323	2	29	0	0	0	8	0
Déline, Northwest Territories	129	122	0	0	0	0	0	7	0
Digby, Nova Scotia	12	6	0	6	0	0	0	0	0
Drummondville, Quebec	162	68	12	62	0	0	16	0	4
Dryden Regional, Ontario	652	573	10	24	0	0	0	43	2
Eastmain River, Quebec	92	92	0	0	0	0	0	0	0
Elliot Lake Municipal, Ontario	223	185	32	4	0	0	0	2	0
Eureka, Nunavut	6	6	0	0	0	0	0	0	0
Faro, Yukon	162	152	9	1	0	0	0	0	0
Flin Flon, Manitoba	426	388	0	14	0	0	0	24	0
Fort Frances Municipal, Ontario	355	330	2	18	2	0	3	0	0
Fort Liard, Northwest Territories	69	68	1	0	0	0	0	0	0
Fort McPherson, Northwest Territories	13	9	0	0	0	0	0	4	0
Fort Resolution, Northwest Territories	20	20	0	0	0	0	0	0	0
Fort Simpson, Northwest Territories	1	1	0	0	0	0	0	0	0
Gamëti/Rae Lakes, Northwest Territories	78	65	0	11	0	0	0	2	0
Gaspé, Quebec	275	211	3	8	0	0	0	53	0
Geraldton, Ontario	125	98	2	10	0	0	0	15	0
Gillam, Manitoba	275	239	8	16	0	0	0	12	0
Gjoa Haven, Nunavut	144	142	0	0	0	0	0	2	0
Goose Bay, Newfoundland and Labrador	2,158	1,731	21	43	111	36	114	51	51
Grise Fiord, Nunavut	15	15	0	0	0	0	0	0	0
Hall Beach, Nunavut	161	159	2	0	0	0	0	0	0
Havre St-Pierre, Quebec	377	316	4	19	0	0	0	34	4
Hay River, Northwest Territories	398	371	0	5	0	0	0	22	0
Hearst/René Fontaine Municipal, Ontario	65	25	5	2	0	0	0	33	0
Igloolik, Nunavut	112	109	3	0	0	0	0	0	0
Inukjuak, Quebec	204	.	.	.	.	.	.	.	.
Island Lake, Manitoba	1,012	988	0	6	0	0	0	18	0
Ivujivik, Quebec	126	.	.	.	.	.	.	.	.
Kangiqsualujuaq, Quebec	126	.	.	.	.	.	.	.	.
Kangiqsujuaq, Quebec	121	.	.	.	.	.	.	.	.
Kangirsuk, Quebec	148	.	.	.	.	.	.	.	.
Kapuskasing, Ontario	297	211	0	0	84	0	2	0	0
Kimmirut, Nunavut	34	34	0	0	0	0	0	0	0
Kugaaruk, Nunavut	69	65	0	0	0	0	0	4	0
Kugluktuk, Nunavut	193	185	0	0	0	0	0	8	0
Kuujuarapik, Quebec	371	363	0	4	0	0	0	4	0
Louder-de-Blanc-Sablon, Quebec	427	345	71	5	0	0	0	6	0
Lutsel'e, Northwest Territories	133	133	0	0	0	0	0	0	0
Mayo, Yukon	176	170	4	2	0	0	0	0	0
Miramichi, New Brunswick	236	152	12	10	24	4	24	8	2
Moosonee, Ontario	906	874	5	12	0	0	0	15	0
Muskoka, Ontario	386	167	40	139	3	0	8	23	6

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							
Nakina, Ontario	543	519	22	2	0	0	0	0	0
Natashquan, Quebec	166	150	0	14	0	0	0	2	0
Norway House, Manitoba	430	376	22	6	0	0	0	26	0
Old Crow, Yukon	47	47	0	0	0	0	0	0	0
Pabok, Quebec	36	0	2	0	0	0	0	34	0
Pangnirtung, Nunavut	156	154	0	2	0	0	0	0	0
Peterborough, Ontario	357	102	53	172	0	0	0	24	6
Pickle Lake, Ontario	1,186	1,131	36	14	1	0	0	4	0
Pond Inlet, Nunavut	54	54	0	0	0	0	0	0	0
Port-Menier, Quebec	88	86	2	0	0	0	0	0	0
Prince Rupert/Digby Island, British Columbia	12	12	0	0	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	707	571	0	25	0	0	5	106	0
Puvirnituq, Quebec	403	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	64	56	2	0	0	0	0	6	0
Quaqtaq, Quebec	134	.	.	.	.	.	.	.	.
Quesnel, British Columbia	207	163	0	44	0	0	0	0	0
Red Lake, Ontario	1,174	1,072	13	47	1	0	1	34	6
Repulse Bay, Nunavut	105	96	5	2	0	0	0	2	0
Resolute Bay, Nunavut	128	126	0	0	0	0	0	0	2
Rimouski, Quebec	149	67	8	64	0	0	0	10	0
Roberval, Quebec	197	45	96	48	0	0	0	0	8
Salluit, Quebec	180	.	.	.	.	.	.	.	.
Sandspit, British Columbia	183	165	0	0	0	0	0	18	0
Sanikiluaq, Nunavut	100	92	2	2	0	0	0	4	0
Sherbrooke, Quebec	103	47	18	29	1	0	8	0	0
St. Anthony, Newfoundland and Labrador	281	267	12	0	0	0	0	0	2
St-Augustin, Quebec	135	125	8	2	0	0	0	0	0
St. Theresa Point, Manitoba	654	624	24	4	0	0	0	2	0
Stephenville, Newfoundland and Labrador	121	74	0	0	10	0	4	23	10
Stony Rapids, Saskatchewan	754	700	2	6	0	0	0	30	16
Sydney, Nova Scotia	388	357	0	4	5	0	4	18	0
Taloyoak, Nunavut	133	131	0	2	0	0	0	0	0
Tasiujaq, Quebec	110	.	.	.	.	.	.	.	.
Teslin, Yukon	44	44	0	0	0	0	0	0	0
The Pas, Manitoba	251	221	0	12	0	0	0	18	0
Tillsonburg, Ontario	99	..	..	..	..	..	..	..	..
Tofino, British Columbia	199	91	6	44	1	0	0	51	6
Trois-Rivières, Quebec	388	211	33	135	1	0	4	0	4
Umiujuaq, Quebec	170	.	.	.	.	.	.	.	.
Waskaganish, Quebec	145	140	0	5	0	0	0	0	0
Watson Lake, Yukon	146	124	0	10	0	0	0	6	6
Welland/Niagara Central, Ontario	38	4	0	17	0	0	13	4	0
Wemindji, Quebec	160	140	0	1	1	0	0	0	18
Whale Cove, Nunavut	116	116	0	0	0	0	0	0	0
Yorkton Municipal, Saskatchewan	278	201	0	32	0	0	2	11	32
Total (112)	29,209	22,270	929	1,694	284	40	246	1,033	662

Table 2-2
Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Akulivik, Quebec	149	.	.	.	.	..
Amos Municipal, Quebec	78	8	34	34	2	0
Arctic Bay, Nunavut	51	0	51	0	0	0
Arviat, Nunavut	232	0	228	0	4	0
Aupaluk, Quebec	81	.	.	.	.	..
Baie-Comeau, Quebec	533	34	418	57	24	0
Baker Lake, Nunavut	244	0	244	0	0	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	255	6	48	137	64	0
Bathurst, New Brunswick	226	0	144	56	26	0
Beaver Creek, Yukon	25	0	2	0	23	0
Buffalo Narrows, Saskatchewan	418	0	382	34	2	0
Burwash, Yukon	4	0	4	0	0	0
Cambridge Bay, Nunavut	333	34	280	3	16	0
Cape Dorset, Nunavut	75	0	71	4	0	0
Charlo, New Brunswick	77	2	22	44	8	1
Chesterfield Inlet, Nunavut	91	0	83	8	0	0
Chevery, Quebec	260	0	250	10	0	0
Chibougamau/Chapais, Quebec	463	4	301	133	25	0
Collingwood, Ontario	279	2	4	257	14	2
Comox, British Columbia	1,410	233	836	139	202	0
Coral Harbour, Nunavut	94	0	94	0	0	0
Dauphin, Manitoba	249	6	130	103	10	0
Dawson, Yukon	231	0	94	68	69	0
Dawson Creek, British Columbia	362	4	256	65	37	0
Déline, Northwest Territories	129	0	101	28	0	0
Digby, Nova Scotia	12	0	0	11	1	0
Drummondville, Quebec	162	0	2	112	48	0
Dryden Regional, Ontario	652	4	439	118	91	0
Eastmain River, Quebec	92	0	88	4	0	0
Elliot Lake Municipal, Ontario	223	0	166	42	15	0
Eureka, Nunavut	6	0	6	0	0	0
Faro, Yukon	162	0	31	17	114	0
Flin Flon, Manitoba	426	2	344	41	39	0
Fort Frances Municipal, Ontario	355	2	260	91	2	0
Fort Liard, Northwest Territories	69	0	7	28	34	0
Fort McPherson, Northwest Territories	13	0	11	2	0	0
Fort Resolution, Northwest Territories	20	0	15	5	0	0
Fort Simpson, Northwest Territories	1	0	1	0	0	0
Gamëti/Rae Lakes, Northwest Territories	78	0	63	15	0	0
Gaspé, Quebec	275	18	245	11	1	0
Geraldton, Ontario	125	0	99	6	20	0
Gillam, Manitoba	275	0	127	146	2	0
Gjoa Haven, Nunavut	144	0	131	9	4	0
Goose Bay, Newfoundland and Labrador	2,158	375	1,487	40	256	0
Grise Fiord, Nunavut	15	0	15	0	0	0
Hall Beach, Nunavut	161	2	138	0	21	0
Havre St-Pierre, Quebec	377	6	181	70	120	0
Hay River, Northwest Territories	398	3	280	103	12	0
Hearst/René Fontaine Municipal, Ontario	65	0	45	7	13	0
Igloodik, Nunavut	112	0	112	0	0	0
Inukjuak, Quebec	204	.	.	.	.	..
Island Lake, Manitoba	1,012	0	622	83	307	0
Ivujivik, Quebec	126	.	.	.	.	..
Kangiqsualujuaq, Quebec	126	.	.	.	.	..
Kangiqsujuaq, Quebec	121	.	.	.	.	..
Kangirsuk, Quebec	148	.	.	.	.	..
Kapuskasing, Ontario	297	2	283	2	10	0
Kimmirut, Nunavut	34	0	34	0	0	0
Kugaaruk, Nunavut	69	3	66	0	0	0
Kugluktuk, Nunavut	193	4	189	0	0	0
Kuujuaupik, Quebec	371	6	360	4	1	0
Louder-de-Blanc-Sablon, Quebec	427	2	371	53	1	0
Lutselk'e, Northwest Territories	133	0	100	33	0	0
Mayo, Yukon	176	0	32	26	118	0
Miramichi, New Brunswick	236	11	40	179	6	0
Moosonee, Ontario	906	0	686	45	175	0
Muskoka, Ontario	386	7	126	189	64	0
Nakina, Ontario	543	0	527	8	8	0

Table 2-2 – continued

Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Natashquan, Quebec	166	0	130	14	22	0
Norway House, Manitoba	430	0	412	16	2	0
Old Crow, Yukon	47	0	43	0	4	0
Pabok, Quebec	36	8	24	2	2	0
Pangnirtung, Nunavut	156	0	156	0	0	0
Peterborough, Ontario	357	28	52	251	26	0
Pickle Lake, Ontario	1,186	0	1,062	49	75	0
Pond Inlet, Nunavut	54	0	54	0	0	0
Port-Menier, Quebec	88	0	10	78	0	0
Prince Rupert/Digby Island, British Columbia	12	0	0	12	0	0
Prince Rupert/Seal Cove, British Columbia	707	0	35	483	189	0
Puvirnituq, Quebec	403	.	.	.	.	..
Qikiqtarjuaq, Nunavut	64	0	64	0	0	0
Quaqtaq, Quebec	134	.	.	.	.	..
Quesnel, British Columbia	207	28	153	22	4	0
Red Lake, Ontario	1,174	2	883	274	15	0
Repulse Bay, Nunavut	105	0	105	0	0	0
Resolute Bay, Nunavut	128	10	116	2	0	0
Rimouski, Quebec	149	4	59	70	16	0
Roberval, Quebec	197	4	61	123	8	1
Salluit, Quebec	180	.	.	.	.	..
Sandspit, British Columbia	183	6	107	0	70	0
Sanikiluaq, Nunavut	100	0	100	0	0	0
Sherbrooke, Quebec	103	6	16	73	8	0
St. Anthony, Newfoundland and Labrador	281	0	265	12	4	0
St-Augustin, Quebec	135	2	123	10	0	0
St. Theresa Point, Manitoba	654	2	332	47	273	0
Stephenville, Newfoundland and Labrador	121	22	72	4	23	0
Stony Rapids, Saskatchewan	754	0	518	168	68	0
Sydney, Nova Scotia	388	10	328	30	20	0
Taloyoak, Nunavut	133	0	133	0	0	0
Tasiujaq, Quebec	110	.	.	.	.	..
Teslin, Yukon	44	0	2	42	0	0
The Pas, Manitoba	251	6	206	28	11	0
Tillsonburg, Ontario	99	..	..	..	..	..
Tofino, British Columbia	199	2	43	114	40	0
Trois-Rivières, Quebec	388	16	29	288	53	2
Umiujaq, Quebec	170	.	.	.	.	..
Waskaganish, Quebec	145	0	134	11	0	0
Watson Lake, Yukon	146	0	63	12	71	0
Welland/Niagara Central, Ontario	38	0	2	30	4	2
Wemindji, Quebec	160	0	133	5	22	0
Whale Cove, Nunavut	116	1	100	15	0	0
Yorkton Municipal, Saskatchewan	278	12	71	169	26	0
Total (112)	29,209	949	18,002	5,134	3,065	8

Table 2-3
Itinerant movements by aircraft weight groups

	Total itinerant movements	Gross take-off weight in kilograms						
		2 000 and under	2 001 to 4 000	4 001 to 5 670	5 671 to 9 000	9 001 to 18 000	18 001 to 35 000	35 001 and over
		number						
Akulivik, Quebec	149	.	..	..	.	.	.	.
Amos Municipal, Quebec	78	34	2	34	0	0	8	0
Arctic Bay, Nunavut	51	0	0	10	3	38	0	0
Arviat, Nunavut	232	4	0	53	14	80	81	0
Aupaluk, Quebec	81	.	..	..	.	.	.	.
Baie-Comeau, Quebec	533	31	52	255	32	129	34	0
Baker Lake, Nunavut	244	0	0	29	21	60	130	4
Barrie-Orillia-Lake Simcoe Regional, Ontario	255	178	22	39	12	2	2	0
Bathurst, New Brunswick	226	35	41	58	0	86	6	0
Beaver Creek, Yukon	25	23	0	2	0	0	0	0
Buffalo Narrows, Saskatchewan	418	24	12	301	81	0	0	0
Burwash, Yukon	4	0	0	0	4	0	0	0
Cambridge Bay, Nunavut	333	2	1	124	14	54	100	38
Cape Dorset, Nunavut	75	0	4	10	1	24	36	0
Charlo, New Brunswick	77	15	38	22	2	0	0	0
Chesterfield Inlet, Nunavut	91	8	0	13	8	55	7	0
Chevery, Quebec	260	0	10	114	132	4	0	0
Chibougamau/Chapais, Quebec	463	62	164	93	38	106	0	0
Collingwood, Ontario	279	250	23	0	6	0	0	0
Comox, British Columbia	1,410	32	124	71	480	354	101	248
Coral Harbour, Nunavut	94	0	0	10	22	40	22	0
Dauphin, Manitoba	249	100	5	113	8	3	0	20
Dawson, Yukon	231	130	7	4	8	0	82	0
Dawson Creek, British Columbia	362	96	6	34	133	51	42	0
Déline, Northwest Territories	129	4	46	44	19	0	14	2
Digby, Nova Scotia	12	6	6	0	0	0	0	0
Drummondville, Quebec	162	150	8	4	0	0	0	0
Dryden Regional, Ontario	652	168	43	439	2	0	0	0
Eastmain River, Quebec	92	4	0	14	6	68	0	0
Elliot Lake Municipal, Ontario	223	40	72	101	4	6	0	0
Eureka, Nunavut	6	0	0	0	6	0	0	0
Faro, Yukon	162	107	53	0	2	0	0	0
Flin Flon, Manitoba	426	51	40	237	2	96	0	0
Fort Frances Municipal, Ontario	355	21	76	256	0	2	0	0
Fort Liard, Northwest Territories	69	45	17	7	0	0	0	0
Fort McPherson, Northwest Territories	13	0	0	11	0	0	2	0
Fort Resolution, Northwest Territories	20	0	5	7	0	0	8	0
Fort Simpson, Northwest Territories	1	0	1	0	0	0	0	0
Gamëti/Rae Lakes, Northwest Territories	78	13	39	16	2	0	8	0
Gaspé, Quebec	275	7	5	4	0	238	21	0
Geraldton, Ontario	125	24	25	68	6	2	0	0
Gillam, Manitoba	275	18	132	25	2	92	6	0
Gjoa Haven, Nunavut	144	9	0	32	4	48	44	7
Goose Bay, Newfoundland and Labrador	2,158	188	133	803	237	556	158	83
Grise Fiord, Nunavut	15	0	0	14	1	0	0	0
Hall Beach, Nunavut	161	0	0	33	5	44	77	2
Havre St-Pierre, Quebec	377	112	68	90	45	45	17	0
Hay River, Northwest Territories	398	26	22	77	100	90	80	3
Hearst/René Fontaine Municipal, Ontario	65	11	29	25	0	0	0	0
Igloolik, Nunavut	112	0	0	13	1	54	44	0
Inukjuak, Quebec	204	.	..	..	.	.	.	.
Island Lake, Manitoba	1,012	364	28	419	28	142	31	0
Ivujivik, Quebec	126	.	..	..	.	.	.	.
Kangiqsualujuaq, Quebec	126	.	..	..	.	.	.	.
Kangiqsujuaq, Quebec	121	.	..	..	.	.	.	.
Kangirsuk, Quebec	148	.	..	..	.	.	.	.
Kapuskasing, Ontario	297	12	36	209	14	0	26	0
Kimmirut, Nunavut	34	0	0	34	0	0	0	0
Kugaaruk, Nunavut	69	0	0	12	4	23	27	3
Kugluktuk, Nunavut	193	0	0	50	2	63	63	15
Kuujuarapik, Quebec	371	5	0	160	0	67	137	2
Lourdes-de-Blanc-Sablon, Quebec	427	2	54	164	101	102	4	0
Lutselk'e, Northwest Territories	133	4	85	35	0	5	4	0
Mayo, Yukon	176	90	70	2	3	0	11	0
Miramichi, New Brunswick	236	111	72	36	7	10	0	0
Moosonee, Ontario	906	105	83	428	153	108	29	0
Muskoka, Ontario	386	212	50	91	24	6	3	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
Nakina, Ontario	543	8	329	170	36	0	0	0
Natashquan, Quebec	166	31	0	80	55	0	0	0
Norway House, Manitoba	430	8	10	326	86	0	0	0
Old Crow, Yukon	47	4	0	2	4	0	37	0
Pabok, Quebec	36	2	2	0	0	24	8	0
Pangnirtung, Nunavut	156	0	0	18	0	65	73	0
Peterborough, Ontario	357	241	32	36	39	0	7	2
Pickle Lake, Ontario	1,186	99	593	159	90	0	245	0
Pond Inlet, Nunavut	54	0	0	6	0	48	0	0
Port-Menier, Quebec	88	0	78	10	0	0	0	0
Prince Rupert/Digby Island, British Columbia	12	0	12	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	707	79	608	20	0	0	0	0
Puvirnituq, Quebec	403	.	..	..	.	.	.	.
Qikiqtarjuaq, Nunavut	64	0	0	13	2	24	25	0
Quaqtaq, Quebec	134	.	..	..	.	.	.	.
Quesnel, British Columbia	207	26	0	2	177	2	0	0
Red Lake, Ontario	1,174	136	301	472	161	10	94	0
Repulse Bay, Nunavut	105	0	0	25	27	0	53	0
Resolute Bay, Nunavut	128	0	0	29	18	2	37	42
Rimouski, Quebec	149	63	23	53	4	2	4	0
Roberval, Quebec	197	116	16	41	4	20	0	0
Salluit, Quebec	180	.	..	..	.	.	.	.
Sandspit, British Columbia	183	64	2	45	12	52	8	0
Sanikiluaq, Nunavut	100	0	0	50	4	0	46	0
Sherbrooke, Quebec	103	71	10	18	4	0	0	0
St. Anthony, Newfoundland and Labrador	281	2	21	98	40	107	13	0
St-Augustin, Quebec	135	8	2	48	77	0	0	0
St. Theresa Point, Manitoba	654	316	4	132	62	111	29	0
Stephenville, Newfoundland and Labrador	121	8	13	4	18	54	18	6
Stony Rapids, Saskatchewan	754	32	204	289	120	109	0	0
Sydney, Nova Scotia	388	26	59	30	15	250	0	8
Taloyoak, Nunavut	133	0	0	26	10	50	41	6
Tasiujaq, Quebec	110	.	..	..	.	.	.	.
Teslin, Yukon	44	42	0	2	0	0	0	0
The Pas, Manitoba	251	4	50	100	6	84	7	0
Tillsonburg, Ontario	99	..	..	..	..	..	..	..
Tofino, British Columbia	199	63	86	40	4	0	0	6
Trois-Rivières, Quebec	388	296	43	26	8	0	7	8
Umiujaq, Quebec	170	.	..	..	.	.	.	.
Waskaganish, Quebec	145	11	0	14	4	116	0	0
Watson Lake, Yukon	146	75	6	12	51	2	0	0
Welland/Niagara Central, Ontario	38	26	10	0	0	2	0	0
Wemindji, Quebec	160	5	4	43	10	82	16	0
Whale Cove, Nunavut	116	15	0	20	2	42	37	0
Yorkton Municipal, Saskatchewan	278	125	51	78	18	2	2	2
Total (112)	29,209	4,935	4,378	7,886	2,967	4,213	2,272	507

Table 3
Local movements by type of operation

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	68	68	0
Arctic Bay, Nunavut	2	2	0
Aupaluk, Quebec	6	.	.
Baie-Comeau, Quebec	8	8	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	664	664	0
Buffalo Narrows, Saskatchewan	6	6	0
Cambridge Bay, Nunavut	8	8	0
Chibougamau/Chapais, Quebec	22	22	0
Collingwood, Ontario	68	66	2
Dauphin, Manitoba	6	6	0
Dawson Creek, British Columbia	2	2	0
Digby, Nova Scotia	18	18	0
Drummondville, Quebec	72	72	0
Dryden Regional, Ontario	20	20	0
Elliot Lake Municipal, Ontario	48	48	0
Flin Flon, Manitoba	6	6	0
Geraldton, Ontario	10	10	0
Guelph, Ontario	622	622	0
Hay River, Northwest Territories	1	1	0
Island Lake, Manitoba	4	4	0
Kangiqsujuaq, Quebec	2	.	.
Kangirsuk, Quebec	3	.	.
Kapuskasing, Ontario	86	86	0
Lourdes-de-Blanc-Sablon, Quebec	4	4	0
Muskoka, Ontario	136	136	0
Nakina, Ontario	6	6	0
Norway House, Manitoba	4	4	0
Peterborough, Ontario	985	985	0
Red Lake, Ontario	70	67	3
Roberval, Quebec	18	18	0
Sherbrooke, Quebec	188	188	0
Stony Rapids, Saskatchewan	10	10	0
Sydney, Nova Scotia	10	8	2
The Pas, Manitoba	20	20	0
Tillsonburg, Ontario	217	..	..
Tofino, British Columbia	20	20	0
Trois-Rivières, Quebec	121	121	0
Welland/Niagara Central, Ontario	768	768	0
Yorkton Municipal, Saskatchewan	395	395	0
Total (39)	4,724	4,489	7

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 Manitoba's airports are submitted by the Department of Highways and Transportation of the Manitoba Government on the Manitoba airport activity summary (See Factors influencing the data in Appendix I).

The daily air traffic records (Form 06-0065) are designed to capture three data items for each aircraft arrival and/or departure for itinerant movements, and two items for local movements. Section A of the record dealing with itinerant movements reports the following information for each movement:

- (a) the aircraft registration or air carrier code and flight number;
- (b) the aircraft type;
- (c) the last station before landing at the reporting airport or the next station after take-off.

Section B of the record provides for the reporting of the number of local civil and local military movements for each day.

Due to revisions, the sum of totals released in this report may not equal the annual totals published in Aircraft Movement Statistics: Airports Without Air Traffic Control Towers: Annual Report (TP 577) - 51-210-X.

The daily air traffic records are completed on a daily basis and mailed or sent electronically to the Aviation Statistics Centre where they are registered and edited for clarity and reliability. Survey respondents are contacted by telephone to follow up for non-response.

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 Aviation Statistics Centre 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, the Aviation Statistics Centre 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

1. Aggregate data only are available for the 19 airports reported by the Manitoba Department of Highways and Transportation listed below.

Berens River	Pikwitonei
Bloodvein River	Poplar River
Brochet	Pukatawagan
Cross Lake	Red Sucker Lake
Gods Lake Narrows	Shamattawa
Gods River	South Indian Lake
Ilford	Tadoule Lake
Lac Brochet	Thicket Portage
Little Grand Rapids	York Landing
Oxford House	

2. Aggregate data only are available for the 12 airports reported by the Kativik Regional Government in Quebec listed below.

Akulivik	Kangirsuk
Aupaluk	Puvirnituq
Inukjuak	Quaqtaq
Ivujivik	Salluit
Kangiqsualujjuaq	Tasiujaq
Kangisujuaq	Umiujaq

3. Aggregate data only are available for Tillsonburg, Ontario.

4. When comparing monthly data for current year versus previous year, please note that:

a) Data for the following airports were included in the report for February, 2010 but were not available in February, 2011:

- Bromont, Quebec
- Fort Good Hope, Northwest Territories
- Fort Smith, Northwest Territories
- Paulatuk, Northwest Territories
- Sachs Harbour, Northwest Territories
- Tulita, Northwest Territories
- Wrigley, Northwest Territories

b) Data for the following airports are included in February, 2011 but not in February, 2010:

- Eastmain River, Quebec
- Lutselk'e, Northwest Territories

5. In January 2011, the airport at Nanisivik, Nunavut was closed due to cessation of mining operations. A new airport was opened at Arctic Bay, Nunavut.

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: Effective 2010, Canadian air carriers that, in each of the two calendar years immediately preceding the report year, realized annual gross revenues of \$2,000,000 or more for the air services for which the air carrier held a licence. Also includes foreign air carriers.

Level IV-VI air carriers: Effective 2010, Canadian air carriers that, in the calendar year immediately preceding the report year, realized annual gross revenues of less than \$2,000,000 for the air services for which the air carrier held a licence. Between 2000 and 2009, levels IV and VI were not applicable.

Aircraft movement

A take off, a landing, or a simulated approach by an aircraft. ATC Manops amendment 8-8-83. NC-703.

Class of operation

Aircraft movements are classified as either "Itinerant" or "Local".

Commercial

Flights by aircraft operators licensed by the Canadian Transportation Agency to perform commercial air services. Commercial operations are divided into two categories: **Air carrier** and **Other commercial**.

Domestic itinerant movements

Movements, at a Canadian airport, of aircraft departing to or arriving from another point in Canada.

FSS

Flight service station.

Government-Civil

Aircraft owned by federal, provincial and municipal bodies as well as foreign states, but excluding those owned by crown corporations, boards and commissions. Such aircraft are coded "3" under "Purpose" in the Canadian civil aircraft register.

Government-Military

Aircraft of any branch of the armed forces of any nation.

Gross take-off weight

The maximum weight for which the aircraft is licensed to operate. For operational purposes, all weights are rounded upwards to the next 1,000 kilograms. Thus 3,200 kilograms becomes 4,000 kilograms.

I.F.R. flight

A flight conducted in accordance with Instrument flight rules.

International movements

Movements, at a Canadian airport, of aircraft arriving from or departing to a point outside Canada. International movements are subclassified into "transborder" (to or from a point in the United States including Alaska, Hawaii, and Puerto Rico), and "other international" (to or from points in countries other than Canada and the United States). Since aircraft movements are reported on the basis of place "arrived from" or "departed to", an arrival at Halifax airport from London, England would appear under "other international". If the same aircraft moved on to Toronto, both the departure at Halifax and the arrival at Toronto would be shown as "domestic".

Itinerant movements

At airports with control towers and/or flight service stations: for the purpose of completing air traffic records, itinerant movements are considered as movements in which aircraft proceed to or arrive from another location; or where aircraft leave the circuit but return without landing at another airport. At airports **without** control towers: an aircraft movement in which the aircraft arrives from or departs to a point other than the reporting airport; or a movement by an aircraft that leaves the close proximity of an airport and returns without landing at another airport.

Local movements

At airports **with** control towers and/or flight service stations: for the purpose of completing air traffic records, local movements are considered as movements in which the aircraft remains in the circuit. At airports without control towers: an aircraft movement in which the aircraft remains in the close proximity of the airport. Local movements are often carried out during training flights (touch-and-go), equipment tests etc.

Other commercial

Flights performed by Commercial aircraft operators not included in the Air carrier categories. Flying schools, agricultural sprayers, water-bombers, aerial photography and survey, etc.

Power plant

The source of propulsion. For example, piston engines, turbo-propellers and jet engines. "Helicopters", in this report, include both piston and turboshaft-driven engines.

Private aircraft

Aircraft used solely for private purposes, not for hire and compensation, which are classified as "Private" or "Private Restricted" in the Canadian civil aircraft register or similar registries of other countries. Owners include individuals, groups and business firms. 24 Statistics

Runway 88

Through control zone flights, i.e. flights which communicate with the tower while transiting the tower control zone to another destination without landing at the reporting airport. Data for these runways are not included in the grand total.

Simulated approaches

Movements that are either missed instrument or practice instrument approaches without landing.

TC

Transport Canada.

Tower control zone

A controlled airspace within the proximity of an air traffic control tower, usually within a radius of less than 24 kilometres of the tower.

V.F.R. flight

A flight conducted in accordance with Visual flight rules.

Weight group

The classification of weight classes in groups for statistical purposes.