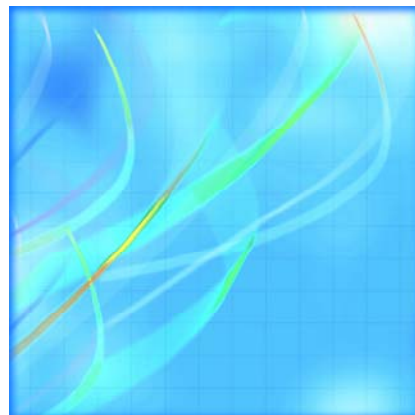


Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



September 2012

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Statistics Canada
Transportation Division

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

September 2012

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Symbols

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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 ($p < 0.05$)

Acknowledgments

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Highlights

Goose Bay, Newfoundland and Labrador (3,363 movements) recorded the greatest number of itinerant movements in September 2012.

Peterborough, Ontario, the most active site in September 2012 recorded 2,588 local movements. This represented 22.6% of the total local reported movements registered by 48 airports without air traffic control towers.

Analysis

In September 2012 the number of take-offs and landings for 131 airports without air traffic control towers reached 58,502 movements. Peterborough, Ontario (3,444 movements) and Goose Bay, Newfoundland and Labrador (3,363 movements) were the most active sites. Of the 130 airports for which year-over-year comparisons were possible, 77 reported decreases.

There were 44,984 itinerant movements (flights from one airport to another) recorded by 112 airports without air traffic control towers in September 2012. Goose Bay, Newfoundland and Labrador, the most active site, recorded 3,363 take-offs and landings, up 18.8% from 2011.

Forty-eight airports without air traffic control towers reported 11,448 local movements (flights that remain in the vicinity of the airport) in September 2012. Peterborough, Ontario, the most active site, represented 22.6% of the total local reported movements. It recorded 2,588 take-offs and landings, down 4.8% from 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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401-0035	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	.	125	125	0
Amos Municipal, Quebec	30	346	118	228
Arctic Bay, Nunavut	22	59	59	0
Arviat, Nunavut	26	228	228	0
Aupaluk, Quebec	.	157	114	43
Baie-Comeau, Quebec	30	898	882	16
Baker Lake, Nunavut	30	717	709	8
Barrie-Orillia-Lake Simcoe Regional, Ontario	30	2,221	721	1,500
Bathurst, New Brunswick	30	314	314	0
Beaver Creek, Yukon	13	33	33	0
Berens River, Manitoba	..	250	..	..
Bloodvein River, Manitoba	..	150	..	..
Brochet, Manitoba	..	84	..	..
Buffalo Narrows, Saskatchewan	29	625	619	6
Burwash, Yukon	28	226	226	0
Cambridge Bay, Nunavut	30	738	580	158
Cape Dorset, Nunavut	19	78	78	0
Charlo, New Brunswick	23	191	191	0
Chesterfield Inlet, Nunavut	28	178	178	0
Chevery, Quebec	27	420	420	0
Chibougamau/Chapais, Quebec	30	695	681	14
Collingwood, Ontario	30	1,122	818	304
Comox, British Columbia	30	1,559	1,559	0
Coral Harbour, Nunavut	29	197	197	0
Cross Lake, Manitoba	..	133	..	..
Dauphin, Manitoba	29	283	217	66
Dawson, Yukon	30	720	720	0
Dawson Creek, British Columbia	30	826	620	206
Déline, Northwest Territories	23	136	136	0
Digby, Nova Scotia	23	151	90	61
Drummondville, Quebec	27	1,051	579	472
Dryden Regional, Ontario	30	1,048	1,008	40
Eastmain River, Quebec	26	126	122	4
Elliot Lake Municipal, Ontario	22	275	81	194
Eureka, Nunavut	3	8	8	0
Faro, Yukon	30	300	300	0
Flin Flon, Manitoba	30	433	433	0
Fort Frances Municipal, Ontario	30	547	547	0
Fort Liard, Northwest Territories	20	155	155	0
Fort McPherson, Northwest Territories	9	69	69	0
Fort Resolution, Northwest Territories	3	7	7	0
Fort Simpson, Northwest Territories	30	199	199	0
Gamëti/Rae Lakes, Northwest Territories	24	98	98	0
Gaspé, Quebec	30	405	405	0
Geraldton, Ontario	29	320	288	32
Gillam, Manitoba	29	317	317	0
Gjoa Haven, Nunavut	23	120	110	10
Gods Lake Narrows, Manitoba	..	117	..	..
Gods River, Manitoba	..	108	..	..
Goose Bay, Newfoundland and Labrador	30	3,363	3,363	0
Grise Fiord, Nunavut	7	24	24	0
Hall Beach, Nunavut	30	395	395	0
Havre St-Pierre, Quebec	30	1,078	1,072	6
Hay River, Northwest Territories	30	532	510	22
Hearst/René Fontaine Municipal, Ontario	23	146	146	0
Igloolik, Nunavut	27	131	131	0
Ilford, Manitoba	..	20	..	..
Inukjuak, Quebec	..	198	198	0
Island Lake, Manitoba	30	1,151	1,151	0
Ivujivik, Quebec	.	143	111	32
Kangiqsualujuaq, Quebec	.	150	150	0
Kangiqsujuaq, Quebec	.	122	122	0
Kangirsuk, Quebec	.	191	191	0
Kapuskasing, Ontario	30	374	288	86
Kimirut, Nunavut	17	55	55	0
Kugaaruk, Nunavut	28	128	128	0
Kugluktuk, Nunavut	30	444	254	190
Kuujuarapik, Quebec	30	506	494	12

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		
Lac Brochet, Manitoba	..	122	..	..
Little Grand Rapids, Manitoba	..	70	..	..
Lourdes-de-Blanc-Sablon, Quebec	30	482	458	24
Lutselk'e, Northwest Territories	18	104	104	0
Mayo, Yukon	30	766	766	0
Miramichi, New Brunswick	25	342	342	0
Moosonee, Ontario	30	1,332	1,328	4
Muskoka, Ontario	30	1,483	1,069	414
Nakina, Ontario	30	364	364	0
Natashquan, Quebec	25	240	240	0
Norway House, Manitoba	30	393	391	2
Old Crow, Yukon	27	154	154	0
Oxford House, Manitoba	..	222	..	..
Pabok, Quebec	17	45	45	0
Pangnirtung, Nunavut	28	186	186	0
Peterborough, Ontario	30	3,444	856	2,588
Pickle Lake, Ontario	30	1,443	1,403	40
Pikwitonei, Manitoba	..	18	..	..
Pond Inlet, Nunavut	21	70	70	0
Poplar River, Manitoba	..	190	..	..
Port-Menier, Quebec	21	242	242	0
Prince Rupert/Digby Island, British Columbia	17	73	73	0
Prince Rupert/Seal Cove, British Columbia	30	899	899	0
Pukatawagan, Manitoba	..	144	..	..
Puvirnituq, Quebec	..	474	474	0
Qikiqtarjuaq, Nunavut	25	117	107	10
Quaqtaq, Quebec	..	180	176	4
Quesnel, British Columbia	30	482	450	32
Red Lake, Ontario	30	1,834	1,704	130
Red Sucker Lake, Manitoba	..	144	..	..
Repulse Bay, Nunavut	29	177	177	0
Resolute Bay, Nunavut	28	135	135	0
Rimouski, Quebec	28	418	324	94
Roberval, Quebec	29	511	369	142
Salluit, Quebec	..	155	148	7
Sandspit, British Columbia	30	241	241	0
Shamattawa, Manitoba	..	164	..	..
Sherbrooke, Quebec	30	1,198	482	716
South Indian Lake, Manitoba	..	54	..	..
St. Anthony, Newfoundland and Labrador	30	261	261	0
St-Augustin, Quebec	15	95	95	0
St. Theresa Point, Manitoba	30	521	521	0
Stephenville, Newfoundland and Labrador	28	431	251	180
Stony Rapids, Saskatchewan	30	847	805	42
Sydney, Nova Scotia	30	845	653	192
Tadoules Lake, Manitoba	..	45	..	..
Taloyoak, Nunavut	29	141	141	0
Tasiujaq, Quebec	..	130	130	0
Teslin, Yukon	11	27	27	0
The Pas, Manitoba	30	343	343	0
Thicket Portage, Manitoba	..	5	..	..
Tillsonburg, Ontario	..	1,256	442	814
Tofino, British Columbia	30	645	597	48
Trois-Rivières, Quebec	24	911	599	312
Tulita, Northwest Territories	22	210	210	0
Umiujaq, Quebec	..	178	170	8
Waskaganish, Quebec	21	188	170	18
Watson Lake, Yukon	30	577	577	0
Welland/Niagara Central, Ontario	29	1,744	47	1,697
Wemindji, Quebec	21	130	130	0
Whale Cove, Nunavut	25	183	183	0
York Landing, Manitoba	..	30	..	..
Yorkton Municipal, Saskatchewan	30	933	713	220
Total (131)	30	58,502	44,984	11,448

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	125	.	.	.	.	.	.	.	.
Amos Municipal, Quebec	118	49	2	55	0	0	0	12	0	
Arctic Bay, Nunavut	59	54	4	0	0	0	0	0	1	
Arviat, Nunavut	228	200	2	26	0	0	0	0	0	
Aupaluk, Quebec	114	.	.	.	.	.	.	.	.
Baie-Comeau, Quebec	882	688	18	98	0	0	0	61	17	
Baker Lake, Nunavut	709	600	103	3	0	0	0	1	2	
Barrie-Orillia-Lake Simcoe Regional, Ontario	721	248	30	356	1	0	26	58	2	
Bathurst, New Brunswick	314	242	5	61	0	0	0	6	0	
Beaver Creek, Yukon	33	8	0	11	3	0	11	0	0	
Buffalo Narrows, Saskatchewan	619	525	2	74	0	0	0	18	0	
Burwash, Yukon	226	168	0	57	0	0	1	0	0	
Cambridge Bay, Nunavut	580	439	18	95	0	0	0	22	6	
Cape Dorset, Nunavut	78	70	0	0	0	0	0	8	0	
Charlo, New Brunswick	191	21	103	45	0	0	4	18	0	
Chesterfield Inlet, Nunavut	178	176	0	0	0	0	0	2	0	
Chevery, Quebec	420	393	5	22	0	0	0	0	0	
Chibougamau/Chapais, Quebec	681	504	80	90	0	0	1	6	0	
Collingwood, Ontario	818	120	64	634	0	0	0	0	0	
Comox, British Columbia	1,559	1,058	2	13	1	0	1	25	459	
Coral Harbour, Nunavut	197	192	0	1	0	0	0	4	0	
Dauphin, Manitoba	217	106	4	61	0	0	0	42	4	
Dawson, Yukon	720	532	6	164	5	0	6	7	0	
Dawson Creek, British Columbia	620	287	88	214	0	0	1	12	18	
Déline, Northwest Territories	136	125	0	3	0	0	0	8	0	
Digby, Nova Scotia	90	22	2	65	0	0	1	0	0	
Drummondville, Quebec	579	73	29	452	1	1	3	0	20	
Dryden Regional, Ontario	1,008	527	165	111	0	0	6	191	8	
Eastmain River, Quebec	122	118	0	2	0	0	0	0	2	
Elliot Lake Municipal, Ontario	81	41	15	16	0	0	1	8	0	
Eureka, Nunavut	8	2	0	0	0	0	0	0	6	
Faro, Yukon	300	271	6	20	1	0	0	2	0	
Flin Flon, Manitoba	433	371	1	53	0	0	2	6	0	
Fort Frances Municipal, Ontario	547	351	4	131	1	0	44	16	0	
Fort Liard, Northwest Territories	155	151	2	2	0	0	0	0	0	
Fort McPherson, Northwest Territories	69	65	0	0	0	0	0	4	0	
Fort Resolution, Northwest Territories	7	4	3	0	0	0	0	0	0	
Fort Simpson, Northwest Territories	199	167	17	2	1	0	0	10	2	
Gamëti/Rae Lakes, Northwest Territories	98	82	14	0	0	0	0	2	0	
Gaspé, Quebec	405	315	10	32	0	0	0	42	6	
Geraldton, Ontario	288	104	110	20	0	0	0	54	0	
Gillam, Manitoba	317	285	2	16	0	0	0	14	0	
Gjoa Haven, Nunavut	110	94	16	0	0	0	0	0	0	
Goose Bay, Newfoundland and Labrador	3,363	2,547	89	68	114	28	172	112	233	
Grise Fiord, Nunavut	24	24	0	0	0	0	0	0	0	
Hall Beach, Nunavut	395	382	5	4	0	0	0	4	0	
Havre St-Pierre, Quebec	1,072	876	2	167	0	0	0	27	0	
Hay River, Northwest Territories	510	409	37	27	0	1	0	33	3	
Hearst/René Fontaine Municipal, Ontario	146	118	7	14	0	0	0	7	0	
Igloodik, Nunavut	131	126	3	0	0	0	0	2	0	
Inukjuak, Quebec	198	.	.	.	.	.	.	.	.
Island Lake, Manitoba	1,151	1,037	52	34	0	0	0	28	0	
Ivujivik, Quebec	111	.	.	.	.	.	.	.	.
Kangiqsualujuaq, Quebec	150	.	.	.	.	.	.	.	.
Kangiqsujuaq, Quebec	122	.	.	.	.	.	.	.	.
Kangirsuk, Quebec	191	.	.	.	.	.	.	.	.
Kapuskasing, Ontario	288	286	0	2	0	0	0	0	0	
Kimmirut, Nunavut	55	48	0	0	0	0	0	7	0	
Kugaaruk, Nunavut	128	107	18	1	0	0	0	2	0	
Kugluktuk, Nunavut	254	242	6	4	0	0	0	0	2	
Kuujuarapik, Quebec	494	468	0	24	0	0	0	2	0	
Louderes-de-Blanc-Sablon, Quebec	458	412	0	23	0	0	0	21	2	
Lutsel'è, Northwest Territories	104	90	14	0	0	0	0	0	0	
Mayo, Yukon	766	716	20	28	0	0	0	2	0	
Miramichi, New Brunswick	342	219	9	99	0	0	1	12	2	
Moosonee, Ontario	1,328	1,268	0	24	0	0	0	36	0	
Muskoka, Ontario	1,069	412	76	462	25	0	33	42	19	

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	364	357	0	5	0	0	0	2	0
Natashquan, Quebec	240	170	12	58	0	0	0	0	0
Norway House, Manitoba	391	312	51	8	0	0	0	20	0
Old Crow, Yukon	154	145	0	0	4	0	0	5	0
Pabok, Quebec	45	7	11	9	0	0	0	18	0
Pangnirtung, Nunavut	186	173	4	0	7	0	0	2	0
Peterborough, Ontario	856	204	82	493	0	0	0	38	39
Pickle Lake, Ontario	1,403	1,310	32	21	0	0	2	36	2
Pond Inlet, Nunavut	70	59	3	0	0	0	0	8	0
Port-Menier, Quebec	242	218	0	16	0	0	0	8	0
Prince Rupert/Digby Island, British Columbia	73	73	0	0	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	899	780	6	39	3	0	4	67	0
Puvirnituq, Quebec	474	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	107	103	2	0	0	0	0	2	0
Quaqtaq, Quebec	176	.	.	.	.	.	.	.	.
Quesnel, British Columbia	450	226	4	216	0	0	2	0	2
Red Lake, Ontario	1,704	1,527	51	75	1	0	11	37	2
Repulse Bay, Nunavut	177	177	0	0	0	0	0	0	0
Resolute Bay, Nunavut	135	106	2	0	2	0	0	16	9
Rimouski, Quebec	324	87	11	222	0	0	0	4	0
Roberval, Quebec	369	213	40	106	0	0	0	8	2
Salluit, Quebec	148	.	.	.	.	.	.	.	.
Sandspit, British Columbia	241	229	0	8	0	0	0	0	4
Sherbrooke, Quebec	482	69	43	336	0	0	8	20	6
St. Anthony, Newfoundland and Labrador	261	197	0	14	0	0	0	46	4
St-Augustin, Quebec	95	79	10	6	0	0	0	0	0
St. Theresa Point, Manitoba	521	507	0	10	0	0	0	4	0
Stephenville, Newfoundland and Labrador	251	63	108	12	9	0	8	27	24
Stony Rapids, Saskatchewan	805	773	2	4	0	0	0	26	0
Sydney, Nova Scotia	653	528	0	75	7	0	11	30	2
Taloyoak, Nunavut	141	103	34	0	0	0	0	2	2
Tasiujaq, Quebec	130	.	.	.	.	.	.	.	.
Teslin, Yukon	27	16	0	7	0	0	0	4	0
The Pas, Manitoba	343	277	0	27	0	0	0	39	0
Tillsonburg, Ontario	442	..	..	..	..	..	..	..	..
Tofino, British Columbia	597	324	17	169	1	0	16	66	4
Trois-Rivières, Quebec	599	230	53	308	0	0	0	2	6
Tulita, Northwest Territories	210	204	6	0	0	0	0	0	0
Umiujaq, Quebec	170	.	.	.	.	.	.	.	.
Waskaganish, Quebec	170	160	4	6	0	0	0	0	0
Watson Lake, Yukon	577	324	24	216	0	0	0	11	2
Welland/Niagara Central, Ontario	47	0	2	43	0	0	2	0	0
Wemindji, Quebec	130	128	0	0	0	0	0	2	0
Whale Cove, Nunavut	183	178	5	0	0	0	0	0	0
Yorkton Municipal, Saskatchewan	713	405	25	230	0	0	7	0	46
Total (112)	44,984	30,676	1,914	6,725	187	30	385	1,546	970

Table 2-2
Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
number						
Akulivik, Quebec	125	.	.	.	.	..
Amos Municipal, Quebec	118	8	47	53	10	0
Arctic Bay, Nunavut	59	0	59	0	0	0
Arviat, Nunavut	228	1	185	30	12	0
Aupaluk, Quebec	114	.	.	.	.	..
Baie-Comeau, Quebec	882	21	663	117	66	15
Baker Lake, Nunavut	709	0	449	121	139	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	721	28	121	487	83	2
Bathurst, New Brunswick	314	0	248	53	13	0
Beaver Creek, Yukon	33	0	4	13	16	0
Buffalo Narrows, Saskatchewan	619	0	487	103	29	0
Burwash, Yukon	226	0	4	94	128	0
Cambridge Bay, Nunavut	580	74	321	107	78	0
Cape Dorset, Nunavut	78	0	75	0	3	0
Charlo, New Brunswick	191	12	50	112	17	0
Chesterfield Inlet, Nunavut	178	0	178	0	0	0
Chevery, Quebec	420	0	264	19	137	0
Chibougamau/Chapais, Quebec	681	14	459	91	117	0
Collingwood, Ontario	818	17	18	707	76	0
Comox, British Columbia	1,559	267	905	172	197	18
Coral Harbour, Nunavut	197	0	191	0	6	0
Dauphin, Manitoba	217	7	99	100	11	0
Dawson, Yukon	720	4	136	324	256	0
Dawson Creek, British Columbia	620	16	244	308	52	0
Déline, Northwest Territories	136	0	88	45	3	0
Digby, Nova Scotia	90	0	4	80	6	0
Drummondville, Quebec	579	6	12	498	63	0
Dryden Regional, Ontario	1,008	46	560	273	129	0
Eastmain River, Quebec	122	0	118	4	0	0
Elliot Lake Municipal, Ontario	81	0	39	32	10	0
Eureka, Nunavut	8	0	8	0	0	0
Faro, Yukon	300	0	4	180	116	0
Flin Flon, Manitoba	433	8	314	96	15	0
Fort Frances Municipal, Ontario	547	8	284	219	36	0
Fort Liard, Northwest Territories	155	0	15	18	122	0
Fort McPherson, Northwest Territories	69	0	69	0	0	0
Fort Resolution, Northwest Territories	7	0	0	7	0	0
Fort Simpson, Northwest Territories	199	5	144	37	13	0
Gamèti/Rae Lakes, Northwest Territories	98	0	88	2	8	0
Gaspé, Quebec	405	18	296	60	31	0
Geraldton, Ontario	288	0	160	100	28	0
Gillam, Manitoba	317	0	142	161	14	0
Gjoa Haven, Nunavut	110	2	104	0	4	0
Goose Bay, Newfoundland and Labrador	3,363	514	1,970	83	795	1
Grise Fiord, Nunavut	24	0	24	0	0	0
Hall Beach, Nunavut	395	0	233	4	158	0
Havre St-Pierre, Quebec	1,072	14	208	169	679	2
Hay River, Northwest Territories	510	7	344	134	25	0
Hearst/René Fontaine Municipal, Ontario	146	0	47	26	73	0
Igloodik, Nunavut	131	1	100	0	30	0
Inukjuak, Quebec	198	.	.	.	.	..
Island Lake, Manitoba	1,151	0	756	154	241	0
Ivujivik, Quebec	111	.	.	.	.	..
Kangiqsualujuaq, Quebec	150	.	.	.	.	..
Kangiqsujuaq, Quebec	122	.	.	.	.	..
Kangirsuk, Quebec	191	.	.	.	.	..
Kapuskasing, Ontario	288	2	275	0	11	0
Kimmirut, Nunavut	55	0	55	0	0	0
Kugaaruk, Nunavut	128	4	107	15	2	0
Kugluktuk, Nunavut	254	116	130	6	2	0
Kuujuarapik, Quebec	494	2	467	12	13	0
Lou-des-de-Blanc-Sablon, Quebec	458	3	402	40	13	0
Lutselk'e, Northwest Territories	104	0	79	25	0	0
Mayo, Yukon	766	0	197	350	219	0
Miramichi, New Brunswick	342	21	148	151	22	0
Moosonee, Ontario	1,328	0	889	312	127	0
Muskoka, Ontario	1,069	57	262	687	63	0
Nakina, Ontario	364	0	333	5	26	0

Table 2-2 – continued

Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Natashquan, Quebec	240	0	140	16	84	0
Norway House, Manitoba	391	0	337	16	38	0
Old Crow, Yukon	154	2	143	3	6	0
Pabok, Quebec	45	0	22	17	6	0
Pangnirtung, Nunavut	186	0	172	0	14	0
Peterborough, Ontario	856	52	46	671	87	0
Pickle Lake, Ontario	1,403	0	1,272	39	92	0
Pond Inlet, Nunavut	70	0	61	4	5	0
Port-Menier, Quebec	242	6	99	133	4	0
Prince Rupert/Digby Island, British Columbia	73	0	0	73	0	0
Prince Rupert/Seal Cove, British Columbia	899	0	3	667	229	0
Puvirnituq, Quebec	474	.	.	.	.	..
Qikiqtarjuaq, Nunavut	107	0	79	0	28	0
Quaqtaq, Quebec	176	.	.	.	.	..
Quesnel, British Columbia	450	15	167	234	34	0
Red Lake, Ontario	1,704	5	1,310	380	9	0
Repulse Bay, Nunavut	177	0	172	0	5	0
Resolute Bay, Nunavut	135	4	116	0	15	0
Rimouski, Quebec	324	6	68	220	30	0
Roberval, Quebec	369	2	154	153	60	0
Salluit, Quebec	148	.	.	.	.	..
Sandspit, British Columbia	241	8	102	2	129	0
Sherbrooke, Quebec	482	13	13	430	24	2
St. Anthony, Newfoundland and Labrador	261	10	233	10	8	0
St-Augustin, Quebec	95	2	81	8	4	0
St. Theresa Point, Manitoba	521	4	405	108	4	0
Stephenville, Newfoundland and Labrador	251	24	84	118	21	4
Stony Rapids, Saskatchewan	805	0	616	158	31	0
Sydney, Nova Scotia	653	133	389	63	52	16
Taloyoak, Nunavut	141	0	138	3	0	0
Tasiujaq, Quebec	130	.	.	.	.	..
Teslin, Yukon	27	0	8	15	4	0
The Pas, Manitoba	343	6	249	71	17	0
Tillsonburg, Ontario	442	..	..	..	..	..
Tofino, British Columbia	597	26	45	306	220	0
Trois-Rivières, Quebec	599	9	7	522	59	2
Tulita, Northwest Territories	210	0	94	93	23	0
Umijuq, Quebec	170	.	.	.	.	..
Waskaganish, Quebec	170	0	155	14	1	0
Watson Lake, Yukon	577	2	56	406	113	0
Welland/Niagara Central, Ontario	47	0	0	47	0	0
Wemindji, Quebec	130	0	129	0	1	0
Whale Cove, Nunavut	183	0	145	0	38	0
Yorkton Municipal, Saskatchewan	713	38	181	478	16	0
Total (112)	44,984	1,670	22,173	12,474	6,054	62

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	125	.	..	..	.	.	.	.
Amos Municipal, Quebec	118	57	2	51	0	0	8	0
Arctic Bay, Nunavut	59	0	0	10	0	47	2	0
Arviat, Nunavut	228	34	6	10	1	49	128	0
Aupaluk, Quebec	114	.	..	..	.	.	.	.
Baie-Comeau, Quebec	882	130	74	274	134	162	106	2
Baker Lake, Nunavut	709	142	217	63	8	37	242	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	721	493	79	111	10	17	11	0
Bathurst, New Brunswick	314	38	60	103	8	55	50	0
Beaver Creek, Yukon	33	24	0	9	0	0	0	0
Buffalo Narrows, Saskatchewan	619	111	26	334	148	0	0	0
Burwash, Yukon	226	218	4	2	2	0	0	0
Cambridge Bay, Nunavut	580	18	103	208	24	21	126	80
Cape Dorset, Nunavut	78	2	1	14	2	59	0	0
Charlo, New Brunswick	191	125	4	46	12	4	0	0
Chesterfield Inlet, Nunavut	178	0	0	5	2	42	129	0
Chevery, Quebec	420	151	5	105	157	2	0	0
Chibougamau/Chapais, Quebec	681	157	102	152	34	188	48	0
Collingwood, Ontario	818	752	39	8	4	13	2	0
Comox, British Columbia	1,559	112	89	72	534	346	135	271
Coral Harbour, Nunavut	197	6	0	13	4	166	8	0
Dauphin, Manitoba	217	72	31	87	11	0	14	2
Dawson, Yukon	720	508	70	25	8	0	105	4
Dawson Creek, British Columbia	620	347	10	40	126	95	2	0
Déline, Northwest Territories	136	7	44	37	27	1	20	0
Digby, Nova Scotia	90	64	22	4	0	0	0	0
Drummondville, Quebec	579	514	28	29	0	4	4	0
Dryden Regional, Ontario	1,008	177	210	501	17	6	97	0
Eastmain River, Quebec	122	2	2	14	13	83	8	0
Elliot Lake Municipal, Ontario	81	38	4	37	2	0	0	0
Eureka, Nunavut	8	0	0	0	2	0	0	6
Faro, Yukon	300	264	30	2	2	2	0	0
Flin Flon, Manitoba	433	62	52	206	12	33	68	0
Fort Frances Municipal, Ontario	547	168	111	263	4	0	1	0
Fort Liard, Northwest Territories	155	130	16	9	0	0	0	0
Fort McPherson, Northwest Territories	69	0	0	6	3	0	60	0
Fort Resolution, Northwest Territories	7	0	7	0	0	0	0	0
Fort Simpson, Northwest Territories	199	38	61	28	2	3	65	2
Gamëti/Rae Lakes, Northwest Territories	98	8	56	18	10	2	4	0
Gaspé, Quebec	405	46	43	31	8	202	73	2
Geraldton, Ontario	288	40	120	86	12	0	30	0
Gillam, Manitoba	317	24	155	36	0	98	4	0
Gjoa Haven, Nunavut	110	0	2	31	2	26	49	0
Goose Bay, Newfoundland and Labrador	3,363	669	233	1,005	579	522	250	105
Grise Fiord, Nunavut	24	0	0	24	0	0	0	0
Hall Beach, Nunavut	395	71	75	68	6	60	74	41
Havre St-Pierre, Quebec	1,072	688	162	65	66	17	74	0
Hay River, Northwest Territories	510	41	38	103	127	106	95	0
Hearst/René Fontaine Municipal, Ontario	146	33	20	88	0	0	5	0
Igloolik, Nunavut	131	28	2	16	2	57	25	1
Inukjuak, Quebec	198	.	..	..	.	.	.	.
Island Lake, Manitoba	1,151	377	16	503	72	94	89	0
Ivujivik, Quebec	111	.	..	..	.	.	.	.
Kangiqsualujuaq, Quebec	150	.	..	..	.	.	.	.
Kangiqsujuaq, Quebec	122	.	..	..	.	.	.	.
Kangirsuk, Quebec	191	.	..	..	.	.	.	.
Kapusking, Ontario	288	11	0	255	0	2	20	0
Kimirut, Nunavut	55	0	0	55	0	0	0	0
Kugaaruk, Nunavut	128	1	32	24	2	30	37	2
Kugluktuk, Nunavut	254	4	0	36	12	7	79	116
Kuujuarapik, Quebec	494	13	12	234	12	45	178	0
Loures-de-Blanc-Sablon, Quebec	458	27	24	184	107	110	6	0
Lutsel'k'e, Northwest Territories	104	4	72	28	0	0	0	0
Mayo, Yukon	766	337	347	69	3	2	8	0
Miramichi, New Brunswick	342	126	115	51	21	16	6	7
Moosonee, Ontario	1,328	201	175	598	172	122	60	0
Muskoka, Ontario	1,069	693	117	141	65	35	8	10

Table 2-3 – continued

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						
Nakina, Ontario	364	25	238	88	13	0	0	0
Natashquan, Quebec	240	96	4	64	72	2	2	0
Norway House, Manitoba	391	42	4	272	73	0	0	0
Old Crow, Yukon	154	6	3	5	0	0	134	6
Pabok, Quebec	45	12	12	2	0	19	0	0
Pangnirtung, Nunavut	186	12	0	32	4	64	74	0
Peterborough, Ontario	856	656	61	65	32	11	19	12
Pickle Lake, Ontario	1,403	86	700	193	97	0	325	2
Pond Inlet, Nunavut	70	9	0	24	2	22	13	0
Port-Menier, Quebec	242	4	133	26	45	2	28	4
Prince Rupert/Digby Island, British Columbia	73	0	73	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	899	146	669	76	2	6	0	0
Puvirnituq, Quebec	474	.	..	..	.	.	.	.
Qikiqtarjuaq, Nunavut	107	18	2	26	4	23	34	0
Quaqtaq, Quebec	176	.	..	..	.	.	.	.
Quesnel, British Columbia	450	240	28	0	182	0	0	0
Red Lake, Ontario	1,704	212	645	529	168	12	138	0
Repulse Bay, Nunavut	177	3	2	32	3	77	60	0
Resolute Bay, Nunavut	135	0	15	57	8	0	46	9
Rimouski, Quebec	324	225	28	66	1	2	2	0
Roberval, Quebec	369	161	60	76	38	30	2	2
Salluit, Quebec	148	.	..	..	.	.	.	.
Sandspit, British Columbia	241	95	6	54	17	57	10	2
Sherbrooke, Quebec	482	418	37	13	6	6	2	0
St. Anthony, Newfoundland and Labrador	261	6	10	68	46	127	4	0
St-Augustin, Quebec	95	10	2	33	48	0	2	0
St. Theresa Point, Manitoba	521	94	18	255	4	148	2	0
Stephenville, Newfoundland and Labrador	251	19	114	18	22	52	6	20
Stony Rapids, Saskatchewan	805	33	160	334	185	93	0	0
Sydney, Nova Scotia	653	90	79	40	9	324	6	105
Taloyoak, Nunavut	141	3	4	35	5	55	39	0
Tasiujaq, Quebec	130	.	..	..	.	.	.	.
Teslin, Yukon	27	17	2	6	2	0	0	0
The Pas, Manitoba	343	31	54	149	6	31	72	0
Tillsonburg, Ontario	442	.	..	..	..	..	..	..
Tofino, British Columbia	597	289	203	51	32	18	4	0
Trois-Rivières, Quebec	599	518	60	15	0	1	0	5
Tulita, Northwest Territories	210	65	77	32	22	0	14	0
Umiujaq, Quebec	170	.	..	..	.	.	.	.
Waskaganish, Quebec	170	4	11	12	11	113	19	0
Watson Lake, Yukon	577	352	154	28	37	6	0	0
Welland/Niagara Central, Ontario	47	29	18	0	0	0	0	0
Wemindji, Quebec	130	1	0	29	2	93	5	0
Whale Cove, Nunavut	183	38	0	9	2	35	99	0
Yorkton Municipal, Saskatchewan	713	407	142	98	60	2	2	2
Total (112)	44,984	12,875	7,153	9,539	3,851	4,419	3,776	820

Table 3
Local movements by type of operation

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	228	228	0
Aupaluk, Quebec	43	.	.
Baie-Comeau, Quebec	16	16	0
Baker Lake, Nunavut	8	8	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	1,500	1,500	0
Buffalo Narrows, Saskatchewan	6	6	0
Cambridge Bay, Nunavut	158	158	0
Chibougamau/Chapais, Quebec	14	14	0
Collingwood, Ontario	304	304	0
Dauphin, Manitoba	66	66	0
Dawson Creek, British Columbia	206	206	0
Digby, Nova Scotia	61	61	0
Drummondville, Quebec	472	472	0
Dryden Regional, Ontario	40	40	0
Eastmain River, Quebec	4	4	0
Elliot Lake Municipal, Ontario	194	194	0
Geraldton, Ontario	32	32	0
Gjoa Haven, Nunavut	10	10	0
Havre St-Pierre, Quebec	6	6	0
Hay River, Northwest Territories	22	22	0
Ivujivik, Quebec	32	.	.
Kapuskasing, Ontario	86	86	0
Kugluktuk, Nunavut	190	190	0
Kuujuarapik, Quebec	12	12	0
Lourdes-de-Blanc-Sablon, Quebec	24	24	0
Moosonee, Ontario	4	4	0
Muskoka, Ontario	414	414	0
Norway House, Manitoba	2	2	0
Peterborough, Ontario	2,588	2,586	2
Pickle Lake, Ontario	40	40	0
Qikiqtarjuaq, Nunavut	10	10	0
Quaqtaq, Quebec	4	.	.
Quesnel, British Columbia	32	32	0
Red Lake, Ontario	130	130	0
Rimouski, Quebec	94	94	0
Roberval, Quebec	142	142	0
Salluit, Quebec	7	.	.
Sherbrooke, Quebec	716	716	0
Stephenville, Newfoundland and Labrador	180	180	0
Stony Rapids, Saskatchewan	42	42	0
Sydney, Nova Scotia	192	190	2
Tillsonburg, Ontario	814	..	..
Tofino, British Columbia	48	44	4
Trois-Rivières, Quebec	312	312	0
Umiujaq, Quebec	8	.	.
Waskaganish, Quebec	18	18	0
Welland/Niagara Central, Ontario	1,697	1,697	0
Yorkton Municipal, Saskatchewan	220	220	0
Total (48)	11,448	10,532	8

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
Kangihsualujjuaq	Tasiujaq
Kangihsujuaq	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 September 2011 but were not available at the time of the release of this report:

1. Bromont, Quebec
2. Clyde River, Nunavut
3. Fort Good Hope, Northwest Territories
4. Paulatuk, Northwest Territories
5. Sachs Harbour, Northwest Territories
6. Tuktoyaktuk, Northwest Territories
7. Ulukhakot/Holman, Northwest Territories

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.** Effective 2010, this includes every Canadian air carrier that, in the calendar year immediately preceding the reporting year, transported at least 2 million revenue passengers or at least 400 thousand tonnes of cargo.

–**Level II.** Effective 2010, this includes every Canadian air carrier that, in the calendar year immediately preceding the reporting year, transported at least 100 thousand, but fewer than 2 million revenue passengers, or at least 50 thousand but less than 400 thousand tonnes of cargo.

–**Level III.** Effective 2010, this includes every Canadian air carrier not classified in reporting level I or II that, in the calendar year immediately preceding the reporting year, realized gross revenues of at least 2 million dollars for the provision of air services for which the air carrier held a licence.

–**Level IV.** Effective 2010, this includes every Canadian air carrier not classified in reporting level I, II or III that, in the calendar year immediately preceding the reporting year, realized gross revenues of less than 2 million dollars for the provision of air services for which the air carrier held a licence.

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.

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.

Maximum 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.

Other commercial

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

Power plant

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

Private aircraft

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

Runway 88

Through control zone flights, i.e. flights which communicate with the tower while transiting the tower control zone to another destination without landing at the reporting airport.

Data for these runways are not included in the grand total.

Simulated approaches

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

TC

Transport Canada.

Tower control zone

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

V.F.R. flight

A flight conducted in accordance with Visual Flight Rules.

Weight group

The classification of weight classes in groups for statistical purposes.