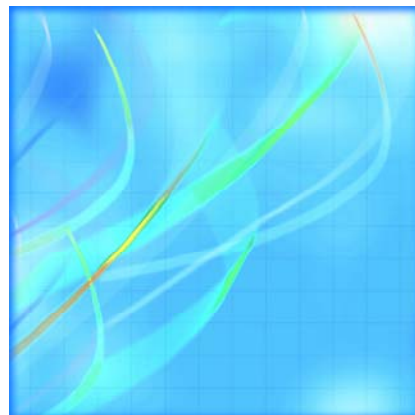


Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



April 2010



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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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This publication was prepared by the Aviation Statistics Centre, of the Transportation Division, Statistics Canada under the general direction of **Gord Baldwin**, 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

Moosonee, Ontario the most active site for April 2010, represented 9.8% of the total itinerant movements. Moosonee recorded 4,385 take-offs and landings, up 22.3% from April 2009.

Guelph, Ontario (2,174 movements) followed by Welland/Niagara Central, Ontario (1,771 movements) reported the greatest number of local movements in April 2010.

Text table 1

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

	April 2009	April 2010	Percentage change, April 2009 to April 2010	Year-to-date total		Percentage change 2009 to 2010
				2009	2010	
	number		percent	number		percent
Total	53,851	59,171	9.9	171,166	189,872	10.9
Itinerant movements						
Carrier	27,699	33,153	19.7	95,550	107,436	12.4
Other commercial	2,393	1,163	-51.4	4,726	3,760	-20.4
Private	3,416	4,789	40.2	10,520	13,440	27.8
Government						
Civil	1,282	1,557	21.5	4,736	5,377	13.5
Military	1,646	1,676	1.8	3,944	5,059	28.3
Total	38,749	44,879	15.8	128,506	144,557	12.5
Local movements						
Civil	12,312	11,448	-7.0	34,396	36,053	4.8
Military	184	43	-76.6	407	204	-49.9
Total	12,533	11,544	-7.9	34,885	36,367	4.2
Number of airports in the survey	135	133	...	135	133	...

Analysis

In April 2010, the number of take-offs and landings at the 133 airports without air traffic control towers reached 59,171 movements. Year-over-year increases were reported by 75 of these airports. Moosonee, Ontario (4,564 movements) followed by Peterborough, Ontario (2,383 movements) were the most active sites in April 2010.

There were 44,879 itinerant movements (flights from one airport to another) recorded by 113 airports without air traffic control towers in April 2010. Sixty-five airports reported year-over-year increases. Moosonee, Ontario the most active site for April 2010, represented 9.8% of the total itinerant movements. Moosonee recorded 4,385 take-offs and landings, up 22.3% from April 2009.

There were 11,544 local movements (flights that remain in the vicinity of the airport) recorded by 45 airports without air traffic control towers in April 2010. Guelph, Ontario (2,174 movements) followed by Welland/Niagara Central, Ontario (1,771 movements) reported the greatest number of local movements in April 2010.

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
51-209-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
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401-0023	Aircraft movements, by class of operation, airports with NAV CANADA towers, annual
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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
401-0027	Itinerant movements, by type of power plant, 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	.	130	130	0
Amos Municipal, Quebec	25	272	106	166
Arviat, Nunavut	28	262	262	0
Aupaluk, Quebec	.	92	92	0
Baie-Comeau, Quebec	30	623	607	16
Baker Lake, Nunavut	29	446	446	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	30	1,868	670	1,198
Bathurst, New Brunswick	30	225	225	0
Beaver Creek, Yukon	17	42	42	0
Berens River, Manitoba	..	194	..	..
Bloodvein River, Manitoba	..	212	..	..
Brochet, Manitoba	..	92	..	..
Bromont, Quebec	26	371	371	0
Buffalo Narrows, Saskatchewan	28	478	464	14
Burwash, Yukon	5	9	9	0
Cambridge Bay, Nunavut	30	478	478	0
Cape Dorset, Nunavut	19	78	78	0
Charlo, New Brunswick	21	73	73	0
Chesterfield Inlet, Nunavut	25	142	142	0
Chevery, Quebec	27	360	360	0
Chibougamau/Chapais, Quebec	29	466	406	60
Clyde River, Nunavut	20	97	97	0
Collingwood, Ontario	30	832	710	122
Comox, British Columbia	30	2,033	2,033	0
Coral Harbour, Nunavut	27	171	171	0
Cross Lake, Manitoba	..	166	..	..
Dauphin, Manitoba	28	378	362	16
Dawson, Yukon	30	463	439	24
Dawson Creek, British Columbia	28	529	465	64
Déline, Northwest Territories	27	192	192	0
Digby, Nova Scotia	21	160	64	96
Digby Island, British Columbia	15	34	34	0
Drummondville, Quebec	30	619	361	258
Dryden Regional, Ontario	30	1,543	1,257	286
Elliot Lake Municipal, Ontario	29	389	319	70
Eureka, Nunavut	21	80	80	0
Faro, Yukon	16	31	31	0
Flin Flon, Manitoba	30	530	520	10
Fort Frances Municipal, Ontario	29	482	482	0
Fort Liard, Northwest Territories	18	127	127	0
Fort McPherson, Northwest Territories	11	39	39	0
Fort Resolution, Northwest Territories	7	18	18	0
Fort Simpson, Northwest Territories	1	3	3	0
Gamëti/Rae Lakes, Northwest Territories	26	112	112	0
Gaspé, Quebec	30	322	316	6
Geraldton, Ontario	27	221	169	52
Gillam, Manitoba	23	212	212	0
Gjoa Haven, Nunavut	25	184	184	0
Gods Lake Narrows, Manitoba	..	125	..	..
Gods River, Manitoba	..	202	..	..
Goose Bay, Newfoundland and Labrador	30	2,113	2,113	0
Grise Fiord, Nunavut	8	20	20	0
Guelph, Ontario	23	2,174	0	2,174
Hall Beach, Nunavut	28	183	183	0
Havre St-Pierre, Quebec	29	406	400	6
Hay River, Northwest Territories	30	515	511	4
Hearst/René Fontaine Municipal, Ontario	19	63	63	0
Igloolik, Nunavut	26	116	116	0
Ilford, Manitoba	..	38	..	..
Inukjuak, Quebec	.	187	187	0
Island Lake, Manitoba	30	2,016	2,016	0
Ivujivik, Quebec	.	144	144	0
Kangisualujjuaq, Quebec	.	194	194	0
Kangirsuk, Quebec	.	174	174	0
Kapuskasing, Ontario	30	395	281	114
Kimmiut, Nunavut	11	44	44	0
Kugaaruk, Nunavut	27	127	123	4
Kugluktuk, Nunavut	27	245	245	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	30	557	555	2
Lac Brochet, Manitoba	..	102	..	..
Little Grand Rapids, Manitoba	..	510	..	..
Lourdes-de-Blanc-Sablon, Quebec	30	407	407	0
Lutselk'e, Northwest Territories	30	177	177	0
Mayo, Yukon	14	34	34	0
Miramichi, New Brunswick	30	459	459	0
Moosonee, Ontario	30	4,564	4,385	179
Muskoka, Ontario	30	1,797	1,025	772
Nakina, Ontario	29	460	458	2
Nanisivik, Nunavut	11	20	20	0
Natashquan, Quebec	29	341	325	16
Norway House, Manitoba	30	369	369	0
Old Crow, Yukon	24	73	73	0
Oxford House, Manitoba	..	184	..	..
Pabok, Quebec	16	44	44	0
Pangnirtung, Nunavut	29	181	181	0
Peterborough, Ontario	30	2,383	699	1,684
Pickle Lake, Ontario	30	1,650	1,630	20
Pikwitonei, Manitoba	..	12	..	..
Pond Inlet, Nunavut	20	52	52	0
Poplar River, Manitoba	..	184	..	..
Port-Menier, Quebec	17	67	67	0
Prince Rupert/Seal Cove, British Columbia	30	1,040	1,040	0
Pukatawagan, Manitoba	..	112	..	..
Puvirnituq, Quebec	..	394	388	6
Qikiqtarjuaq, Nunavut	23	84	84	0
Quaqtaq, Quebec	..	107	107	0
Quesnel, British Columbia	30	496	392	104
Red Lake, Ontario	30	2,114	2,037	77
Red Sucker Lake, Manitoba	..	162	..	..
Repulse Bay, Nunavut	25	142	142	0
Resolute Bay, Nunavut	29	411	411	0
Rimouski, Quebec	27	237	233	4
Roberval, Quebec	28	392	368	24
Salluit, Quebec	..	220	179	41
Sandspit, British Columbia	29	204	204	0
Sanikiluaq, Nunavut	24	117	117	0
Shamattawa, Manitoba	..	244	..	..
Sherbrooke, Quebec	27	1,072	374	698
South Indian Lake, Manitoba	..	52	..	..
St. Anthony, Newfoundland and Labrador	30	470	434	36
St. Augustin, Quebec	15	108	108	0
St. Theresa Point, Manitoba	30	2,101	2,101	0
Stephenville, Newfoundland and Labrador	28	189	189	0
Stony Rapids, Saskatchewan	29	667	665	2
Sydney, Nova Scotia	30	465	441	24
Tadoule Lake, Manitoba	..	96	..	..
Taloyoak, Nunavut	30	142	142	0
Tasiujaq, Quebec	..	128	128	0
Teslin, Yukon	1	1	1	0
The Pas, Manitoba	30	330	298	32
Thicket Portage, Manitoba	..	13	..	..
Tofino, British Columbia	28	297	289	8
Trois-Rivières, Quebec	29	1,731	903	828
Tulita, Northwest Territories	20	241	241	0
Umiujaq, Quebec	..	168	162	6
Waskaganish, Quebec	19	416	150	266
Watson Lake, Yukon	29	193	193	0
Welland/Niagara Central, Ontario	26	1,882	111	1,771
Wemindji, Quebec	26	165	165	0
Whale Cove, Nunavut	24	129	129	0
Wrigley, Northwest Territories	9	39	39	0
York Landing, Manitoba	..	48	..	..
Yorkton Municipal, Saskatchewan	30	564	382	182
Total (133)	30	59,171	44,879	11,544

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	130	.	.	.	0	0	0	.	0
Amos Municipal, Quebec	106	48	6	44	0	0	0	8	0
Arviat, Nunavut	262	255	0	4	0	0	0	3	0
Aupaluk, Quebec	92	.	.	.	.	.	.	.	.
Baie-Comeau, Quebec	607	474	16	61	0	0	0	56	0
Baker Lake, Nunavut	446	432	0	6	0	0	0	4	4
Barrie-Orillia-Lake Simcoe Regional, Ontario	670	208	41	310	2	1	17	77	14
Bathurst, New Brunswick	225	187	4	9	0	0	17	4	4
Beaver Creek, Yukon	42	40	0	0	1	0	1	0	0
Bromont, Quebec	371	50	90	223	1	0	4	3	0
Buffalo Narrows, Saskatchewan	464	423	9	2	0	0	0	30	0
Burwash, Yukon	9	7	0	2	0	0	0	0	0
Cambridge Bay, Nunavut	478	463	0	6	3	0	0	2	4
Cape Dorset, Nunavut	78	78	0	0	0	0	0	0	0
Charlo, New Brunswick	73	22	2	35	0	0	0	14	0
Chesterfield Inlet, Nunavut	142	140	0	2	0	0	0	0	0
Chevery, Quebec	360	354	6	0	0	0	0	0	0
Chibougamau/Chapais, Quebec	406	362	6	28	0	0	0	10	0
Clyde River, Nunavut	97	94	0	2	1	0	0	0	0
Collingwood, Ontario	710	70	65	575	0	0	0	0	0
Comox, British Columbia	2,033	979	0	2	9	0	0	36	1,007
Coral Harbour, Nunavut	171	169	0	2	0	0	0	0	0
Dauphin, Manitoba	362	116	82	74	0	0	0	12	78
Dawson, Yukon	439	382	0	48	0	0	5	4	0
Dawson Creek, British Columbia	465	339	2	109	0	0	1	14	0
Déline, Northwest Territories	192	184	0	0	0	0	0	8	0
Digby, Nova Scotia	64	16	0	47	0	0	1	0	0
Digby Island, British Columbia	34	34	0	0	0	0	0	0	0
Drummondville, Quebec	361	99	42	191	2	0	6	13	8
Dryden Regional, Ontario	1,257	947	38	52	0	0	0	184	36
Elliot Lake Municipal, Ontario	319	226	33	48	0	0	0	12	0
Eureka, Nunavut	80	32	0	0	30	0	0	0	18
Faro, Yukon	31	30	1	0	0	0	0	0	0
Flin Flon, Manitoba	520	463	9	24	0	0	1	21	2
Fort Frances Municipal, Ontario	482	420	8	25	0	0	10	19	0
Fort Liard, Northwest Territories	127	124	0	1	0	0	0	2	0
Fort McPherson, Northwest Territories	39	28	0	0	0	0	0	11	0
Fort Resolution, Northwest Territories	18	16	0	0	0	0	0	2	0
Fort Simpson, Northwest Territories	3	3	0	0	0	0	0	0	0
Gamèt/Rae Lakes, Northwest Territories	112	97	0	0	0	0	0	15	0
Gaspé, Quebec	316	275	2	8	0	0	0	27	4
Geraldton, Ontario	169	108	21	25	0	0	1	14	0
Gillam, Manitoba	212	202	4	0	0	0	0	6	0
Gjoa Haven, Nunavut	184	177	0	3	0	0	0	4	0
Goose Bay, Newfoundland and Labrador	2,113	1,547	12	56	89	31	134	38	206
Grise Fiord, Nunavut	20	20	0	0	0	0	0	0	0
Hall Beach, Nunavut	183	181	0	1	1	0	0	0	0
Havre St-Pierre, Quebec	400	344	0	40	0	0	0	16	0
Hay River, Northwest Territories	511	455	6	26	0	0	0	22	2
Hearst/René Fontaine Municipal, Ontario	63	52	0	11	0	0	0	0	0
Igloolik, Nunavut	116	114	0	2	0	0	0	0	0
Inukjuak, Quebec	187	.	.	.	.	.	.	.	.
Island Lake, Manitoba	2,016	1,974	0	10	0	0	0	32	0
Ivujivik, Quebec	144	.	.	.	.	.	.	.	.
Kangiqsualujuaq, Quebec	194	.	.	.	.	.	.	.	.
Kangirsuk, Quebec	174	.	.	.	.	.	.	.	.
Kapuskasing, Ontario	281	198	0	0	75	0	4	4	0
Kimmiut, Nunavut	44	40	0	0	0	0	0	4	0
Kugaaruk, Nunavut	123	121	0	2	0	0	0	0	0
Kugluktuk, Nunavut	245	228	0	9	0	0	0	4	4
Kuujuarapik, Quebec	555	551	0	0	0	0	0	4	0
Louderes-de-Blanc-Sablon, Quebec	407	339	55	3	0	0	0	10	0
Lutsel'e, Northwest Territories	177	169	0	2	0	0	0	6	0
Mayo, Yukon	34	30	0	2	0	0	0	2	0
Miramichi, New Brunswick	459	204	36	14	10	6	28	135	26
Moosonee, Ontario	4,385	4,340	0	17	0	0	0	28	0
Muskoka, Ontario	1,025	316	108	526	0	0	12	44	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	458	442	2	10	0	0	0	4	0
Nanisivik, Nunavut	20	20	0	0	0	0	0	0	0
Natashquan, Quebec	325	270	2	53	0	0	0	0	0
Norway House, Manitoba	369	307	0	32	0	0	0	26	4
Old Crow, Yukon	73	69	0	0	0	0	0	4	0
Pabok, Quebec	44	14	3	0	0	0	0	27	0
Pangnirtung, Nunavut	181	177	0	2	0	0	0	2	0
Peterborough, Ontario	699	173	147	333	0	0	0	12	34
Pickle Lake, Ontario	1,630	1,554	0	37	0	0	0	39	0
Pond Inlet, Nunavut	52	51	0	1	0	0	0	0	0
Port-Menier, Quebec	67	67	0	0	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	1,040	825	1	74	5	0	4	131	0
Puvirnituq, Quebec	388	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	84	83	0	0	0	0	1	0	0
Quaqtaq, Quebec	107	.	.	.	.	.	.	.	.
Quesnel, British Columbia	392	183	12	192	0	0	4	1	0
Red Lake, Ontario	2,037	1,849	8	100	0	0	1	55	24
Repulse Bay, Nunavut	142	134	0	4	1	0	0	3	0
Resolute Bay, Nunavut	411	381	0	4	1	0	0	0	25
Rimouski, Quebec	233	71	8	150	0	0	0	4	0
Roberval, Quebec	368	130	96	127	1	0	0	4	10
Salluit, Quebec	179	.	.	.	.	.	.	.	.
Sandspit, British Columbia	204	157	0	0	0	0	0	45	2
Sanikiluaq, Nunavut	117	112	0	2	0	0	0	3	0
Sherbrooke, Quebec	374	86	24	229	2	0	9	8	16
St. Anthony, Newfoundland and Labrador	434	404	12	1	0	0	0	15	2
St. Augustin, Quebec	108	67	35	6	0	0	0	0	0
St. Theresa Point, Manitoba	2,101	2,069	0	5	0	0	0	27	0
Stephenville, Newfoundland and Labrador	189	85	2	6	26	0	18	26	26
Stony Rapids, Saskatchewan	665	645	0	0	0	0	0	20	0
Sydney, Nova Scotia	441	394	8	6	0	0	2	8	23
Taloyoak, Nunavut	142	127	1	4	0	0	0	6	4
Tasiujaq, Quebec	128	.	.	.	.	.	.	.	.
Teslin, Yukon	1	0	0	1	0	0	0	0	0
The Pas, Manitoba	298	251	8	7	0	0	0	26	6
Tofino, British Columbia	289	141	4	69	0	0	2	51	22
Trois-Rivières, Quebec	903	368	71	427	0	0	0	21	16
Tulita, Northwest Territories	241	235	0	0	0	0	0	6	0
Umiuq, Quebec	162	.	.	.	.	.	.	.	.
Waskaganish, Quebec	150	150	0	0	0	0	0	0	0
Watson Lake, Yukon	193	81	2	99	0	0	2	7	2
Welland/Niagara Central, Ontario	111	8	8	28	0	6	61	0	0
Wemindji, Quebec	165	161	0	0	4	0	0	0	0
Whale Cove, Nunavut	129	128	0	0	1	0	0	0	0
Wrigley, Northwest Territories	39	39	0	0	0	0	0	0	0
Yorkton Municipal, Saskatchewan	382	249	5	91	0	0	1	12	24
Total (113)	44,879	33,153	1,163	4,789	265	44	347	1,557	1,676

Table 2-2
Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Glinters
		Jet	Turbo	Piston		
		number				
Akulivik, Quebec	130	.	.	.	.	..
Amos Municipal, Quebec	106	10	44	48	4	0
Arviat, Nunavut	262	0	262	0	0	0
Aupaluk, Quebec	92	.	.	.	.	..
Baie-Comeau, Quebec	607	22	429	118	38	0
Baker Lake, Nunavut	446	0	383	57	6	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	670	14	82	430	144	0
Bathurst, New Brunswick	225	6	139	78	2	0
Beaver Creek, Yukon	42	0	4	1	37	0
Bromont, Quebec	371	4	9	332	26	0
Buffalo Narrows, Saskatchewan	464	0	394	68	2	0
Burwash, Yukon	9	0	4	0	5	0
Cambridge Bay, Nunavut	478	69	280	0	129	0
Cape Dorset, Nunavut	78	0	78	0	0	0
Charlo, New Brunswick	73	2	39	32	0	0
Chesterfield Inlet, Nunavut	142	0	142	0	0	0
Chevery, Quebec	360	0	249	1	110	0
Chibougamau/Chapais, Quebec	406	12	300	74	20	0
Clyde River, Nunavut	97	0	97	0	0	0
Collingwood, Ontario	710	10	12	658	26	4
Comox, British Columbia	2,033	810	890	151	180	2
Coral Harbour, Nunavut	171	3	168	0	0	0
Dauphin, Manitoba	362	7	155	186	14	0
Dawson, Yukon	439	0	187	119	133	0
Dawson Creek, British Columbia	465	9	306	124	26	0
Déline, Northwest Territories	192	0	135	53	4	0
Digby, Nova Scotia	64	0	10	46	8	0
Digby Island, British Columbia	34	0	12	22	0	0
Drummondville, Quebec	361	2	4	302	52	1
Dryden Regional, Ontario	1,257	4	640	338	275	0
Elliot Lake Municipal, Ontario	319	0	182	90	47	0
Eureka, Nunavut	80	0	80	0	0	0
Faro, Yukon	31	0	6	4	21	0
Flin Flon, Manitoba	520	2	397	106	15	0
Fort Frances Municipal, Ontario	482	0	290	132	60	0
Fort Liard, Northwest Territories	127	0	15	44	68	0
Fort McPherson, Northwest Territories	39	0	39	0	0	0
Fort Resolution, Northwest Territories	18	0	14	4	0	0
Fort Simpson, Northwest Territories	3	0	2	1	0	0
Gamëti/Rae Lakes, Northwest Territories	112	0	96	8	8	0
Gaspé, Quebec	316	6	280	15	15	0
Geraldton, Ontario	169	6	55	50	58	0
Gillam, Manitoba	212	0	88	117	7	0
Gjoa Haven, Nunavut	184	12	171	0	1	0
Goose Bay, Newfoundland and Labrador	2,113	330	1,375	95	313	0
Grise Fiord, Nunavut	20	0	20	0	0	0
Hall Beach, Nunavut	183	0	168	0	15	0
Havre St-Pierre, Quebec	400	0	100	104	196	0
Hay River, Northwest Territories	511	0	324	181	6	0
Hearst/René Fontaine Municipal, Ontario	63	0	42	9	10	2
Igloolik, Nunavut	116	0	116	0	0	0
Inukjuak, Quebec	187	.	.	.	.	..
Island Lake, Manitoba	2,016	2	600	161	1,253	0
Ivujivik, Quebec	144	.	.	.	.	..
Kangiqsualujuaq, Quebec	194	.	.	.	.	..
Kangirsuk, Quebec	174	.	.	.	.	..
Kapuskasing, Ontario	281	2	257	2	20	0
Kimirut, Nunavut	44	0	44	0	0	0
Kugaaruk, Nunavut	123	3	87	0	33	0
Kugluktuk, Nunavut	245	20	215	6	4	0
Kuujuarapik, Quebec	555	4	535	2	14	0
Louderes-de-Blanc-Sablon, Quebec	407	2	355	38	12	0
Lutselk'e, Northwest Territories	177	0	124	53	0	0
Mayo, Yukon	34	0	10	16	8	0
Miramichi, New Brunswick	459	34	117	308	0	0
Moosonee, Ontario	4,385	0	812	414	3,159	0
Muskoka, Ontario	1,025	2	123	755	145	0
Nakina, Ontario	458	0	376	10	72	0

Table 2-2 – continued

Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Nanisivik, Nunavut	20	0	20	0	0	0
Natashquan, Quebec	325	0	174	67	84	0
Norway House, Manitoba	369	4	312	52	1	0
Old Crow, Yukon	73	0	64	6	3	0
Pabok, Quebec	44	8	30	6	0	0
Pangnirtung, Nunavut	181	0	181	0	0	0
Peterborough, Ontario	699	23	47	608	21	0
Pickle Lake, Ontario	1,630	0	1,473	76	81	0
Pond Inlet, Nunavut	52	0	51	1	0	0
Port-Menier, Quebec	67	0	8	59	0	0
Prince Rupert/Seal Cove, British Columbia	1,040	0	168	634	238	0
Puvirnituq, Quebec	388	.	.	.	.	.
Qikiqtarjuaq, Nunavut	84	0	77	1	6	0
Quaqtaq, Quebec	107	.	.	.	.	.
Quesnel, British Columbia	392	34	171	164	23	0
Red Lake, Ontario	2,037	2	1,165	844	26	0
Repulse Bay, Nunavut	142	0	142	0	0	0
Resolute Bay, Nunavut	411	12	331	64	4	0
Rimouski, Quebec	233	4	32	176	21	0
Roberval, Quebec	368	8	24	294	42	0
Salluit, Quebec	179	.	.	.	.	.
Sandspit, British Columbia	204	5	93	2	104	0
Sanikiluaq, Nunavut	117	0	117	0	0	0
Sherbrooke, Quebec	374	12	14	315	33	0
St. Anthony, Newfoundland and Labrador	434	0	325	21	88	0
St. Augustin, Quebec	108	0	65	37	0	6
St. Theresa Point, Manitoba	2,101	8	343	165	1,585	0
Stephenville, Newfoundland and Labrador	189	75	94	6	14	0
Stony Rapids, Saskatchewan	665	0	470	192	3	0
Sydney, Nova Scotia	441	34	301	76	30	0
Taloyoak, Nunavut	142	2	140	0	0	0
Tasiujaq, Quebec	128	.	.	.	.	.
Teslin, Yukon	1	0	0	0	1	0
The Pas, Manitoba	298	3	252	33	10	0
Tofino, British Columbia	289	13	57	172	47	0
Trois-Rivières, Quebec	903	16	18	771	98	0
Tulita, Northwest Territories	241	0	118	108	15	0
Umiujaq, Quebec	162	.	.	.	.	.
Waskaganish, Quebec	150	0	142	8	0	0
Watson Lake, Yukon	193	4	46	114	29	0
Welland/Niagara Central, Ontario	111	7	2	78	0	24
Wemindji, Quebec	165	0	115	4	46	0
Whale Cove, Nunavut	129	0	129	0	0	0
Wrigley, Northwest Territories	39	0	0	33	6	0
Yorkton Municipal, Saskatchewan	382	4	65	265	48	0
Total (113)	44,879	1,687	20,345	11,415	9,508	39

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	130	.	..	..	.	.	.	.
Amos Municipal, Quebec	106	52	0	40	6	0	8	0
Arviat, Nunavut	262	0	3	88	27	54	90	0
Aupaluk, Quebec	92	.	..	..	.	.	.	.
Baie-Comeau, Quebec	607	59	97	216	65	150	20	0
Baker Lake, Nunavut	446	6	76	77	29	105	153	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	670	518	43	71	36	2	0	0
Bathurst, New Brunswick	225	31	49	32	2	107	4	0
Beaver Creek, Yukon	42	36	0	6	0	0	0	0
Bromont, Quebec	371	338	22	6	0	4	1	0
Buffalo Narrows, Saskatchewan	464	44	26	351	43	0	0	0
Burwash, Yukon	9	5	0	4	0	0	0	0
Cambridge Bay, Nunavut	478	0	0	194	33	123	86	42
Cape Dorset, Nunavut	78	0	0	4	6	28	40	0
Charlo, New Brunswick	73	12	20	39	0	0	2	0
Chesterfield Inlet, Nunavut	142	0	0	42	17	35	48	0
Chevery, Quebec	360	110	3	105	140	2	0	0
Chibougamau/Chapais, Quebec	406	39	85	162	26	84	10	0
Clyde River, Nunavut	97	0	0	15	1	15	66	0
Collingwood, Ontario	710	644	56	0	4	4	2	0
Comox, British Columbia	2,033	87	622	63	580	226	175	280
Coral Harbour, Nunavut	171	0	0	25	46	3	97	0
Dauphin, Manitoba	362	174	12	144	11	15	2	4
Dawson, Yukon	439	242	8	88	2	0	99	0
Dawson Creek, British Columbia	465	140	12	49	179	85	0	0
Déline, Northwest Territories	192	10	55	91	2	4	30	0
Digby, Nova Scotia	64	48	6	10	0	0	0	0
Digby Island, British Columbia	34	0	34	0	0	0	0	0
Drummondville, Quebec	361	328	19	12	2	0	0	0
Dryden Regional, Ontario	1,257	272	251	617	6	20	91	0
Elliot Lake Municipal, Ontario	319	107	96	102	4	8	2	0
Eureka, Nunavut	80	0	0	64	4	4	4	4
Faro, Yukon	31	25	0	6	0	0	0	0
Flin Flon, Manitoba	520	44	88	283	2	101	2	0
Fort Frances Municipal, Ontario	482	61	118	303	0	0	0	0
Fort Liard, Northwest Territories	127	67	25	34	1	0	0	0
Fort McPherson, Northwest Territories	39	0	0	39	0	0	0	0
Fort Resolution, Northwest Territories	18	0	4	6	0	0	8	0
Fort Simpson, Northwest Territories	3	0	2	1	0	0	0	0
Gamèti/Rae Lakes, Northwest Territories	112	16	56	36	0	0	4	0
Gaspé, Quebec	316	17	9	27	0	250	13	0
Geraldton, Ontario	169	65	57	29	2	2	14	0
Gillam, Manitoba	212	13	111	8	0	80	0	0
Gjoa Haven, Nunavut	184	0	0	23	24	50	87	0
Goose Bay, Newfoundland and Labrador	2,113	287	166	719	117	558	120	146
Grise Fiord, Nunavut	20	0	0	20	0	0	0	0
Hall Beach, Nunavut	183	0	0	45	10	38	90	0
Havre St-Pierre, Quebec	400	202	98	53	35	12	0	0
Hay River, Northwest Territories	511	39	62	84	117	87	120	2
Hearst/René Fontaine Municipal, Ontario	63	21	2	40	0	0	0	0
Igloolik, Nunavut	116	0	0	9	6	60	41	0
Inukjuak, Quebec	187	.	..	..	.	.	.	.
Island Lake, Manitoba	2,016	1,379	35	417	4	109	40	32
Ivujivik, Quebec	144	.	..	..	.	.	.	.
Kangiqsualujuaq, Quebec	194	.	..	..	.	.	.	.
Kangirsuk, Quebec	174	.	..	..	.	.	.	.
Kapuskasing, Ontario	281	20	46	207	2	0	6	0
Kimmirut, Nunavut	44	0	0	44	0	0	0	0
Kugaaruk, Nunavut	123	33	0	12	13	30	33	2
Kugluktuk, Nunavut	245	6	2	31	8	68	118	12
Kuujuarapik, Quebec	555	14	2	285	0	59	195	0
Louderes-de-Blanc-Sablon, Quebec	407	9	50	147	97	104	0	0
Lutselk'e, Northwest Territories	177	10	116	45	2	0	4	0
Mayo, Yukon	34	6	15	12	1	0	0	0
Miramichi, New Brunswick	459	178	114	30	103	34	0	0
Moosonee, Ontario	4,385	3,223	253	595	129	131	54	0
Muskoka, Ontario	1,025	778	109	84	26	7	11	10

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	458	50	263	127	18	0	0	0
Nanisivik, Nunavut	20	0	0	0	0	0	20	0
Natashquan, Quebec	325	137	25	99	62	2	0	0
Norway House, Manitoba	369	35	18	308	4	4	0	0
Old Crow, Yukon	73	5	0	8	0	0	60	0
Pabok, Quebec	44	0	6	10	0	20	8	0
Pangnirtung, Nunavut	181	0	0	20	2	80	79	0
Peterborough, Ontario	699	561	60	26	6	9	5	32
Pickle Lake, Ontario	1,630	100	722	271	72	115	350	0
Pond Inlet, Nunavut	52	0	1	17	0	13	21	0
Port-Menier, Quebec	67	0	59	6	0	2	0	0
Prince Rupert/Seal Cove, British Columbia	1,040	67	895	58	0	20	0	0
Puvirnituq, Quebec	388	.	..	..	.	.	.	.
Qikiqtarjuaq, Nunavut	84	1	0	12	2	28	41	0
Quaqtaq, Quebec	107	.	..	..	.	.	.	.
Quesnel, British Columbia	392	185	2	4	201	0	0	0
Red Lake, Ontario	2,037	405	764	569	213	22	64	0
Repulse Bay, Nunavut	142	0	0	40	56	0	46	0
Resolute Bay, Nunavut	411	0	0	163	16	112	87	33
Rimouski, Quebec	233	123	76	28	0	2	4	0
Roberval, Quebec	368	304	28	26	4	0	6	0
Salluit, Quebec	179	.	..	..	.	.	.	.
Sandspit, British Columbia	204	65	41	22	11	6	59	0
Sanikiluaq, Nunavut	117	0	0	30	20	8	59	0
Sherbrooke, Quebec	374	284	50	22	6	6	4	2
St. Anthony, Newfoundland and Labrador	434	83	39	89	66	157	0	0
St. Augustin, Quebec	108	39	4	5	60	0	0	0
St. Theresa Point, Manitoba	2,101	1,733	17	166	9	115	61	0
Stephenville, Newfoundland and Labrador	189	0	8	6	32	80	19	44
Stony Rapids, Saskatchewan	665	3	208	261	99	91	3	0
Sydney, Nova Scotia	441	24	54	32	10	268	14	39
Taloyoak, Nunavut	142	0	0	28	7	51	56	0
Tasiujaq, Quebec	128	.	..	..	.	.	.	.
Teslin, Yukon	1	1	0	0	0	0	0	0
The Pas, Manitoba	298	5	61	134	5	87	6	0
Tofino, British Columbia	289	93	107	50	11	10	10	8
Trois-Rivières, Quebec	903	809	55	6	4	6	6	17
Tulita, Northwest Territories	241	56	88	75	0	0	22	0
Umiujaq, Quebec	162	.	..	..	.	.	.	.
Waskaganish, Quebec	150	8	0	4	12	126	0	0
Watson Lake, Yukon	193	110	29	25	27	2	0	0
Welland/Niagara Central, Ontario	111	94	8	2	0	3	4	0
Wemindji, Quebec	165	48	2	14	2	99	0	0
Whale Cove, Nunavut	129	0	0	61	25	0	43	0
Wrigley, Northwest Territories	39	26	13	0	0	0	0	0
Yorkton Municipal, Saskatchewan	382	211	74	88	8	1	0	0
Total (113)	44,879	15,480	6,912	9,303	3,040	4,403	3,147	709

Table 3
Local movements by type of operation

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	166	166	0
Baie-Comeau, Quebec	16	16	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	1,198	1,198	0
Buffalo Narrows, Saskatchewan	14	14	0
Chibougamau/Chapais, Quebec	60	60	0
Collingwood, Ontario	122	120	2
Dauphin, Manitoba	16	16	0
Dawson, Yukon	24	24	0
Dawson Creek, British Columbia	64	64	0
Digby, Nova Scotia	96	96	0
Drummondville, Quebec	258	258	0
Dryden Regional, Ontario	286	286	0
Elliot Lake Municipal, Ontario	70	70	0
Flin Flon, Manitoba	10	10	0
Gaspé, Quebec	6	6	0
Geraldton, Ontario	52	52	0
Guelph, Ontario	2,174	2,174	0
Havre St-Pierre, Quebec	6	6	0
Hay River, Northwest Territories	4	4	0
Kapuskasing, Ontario	114	114	0
Kugaaruk, Nunavut	4	4	0
Kuujuaupik, Quebec	2	2	0
Moosonee, Ontario	179	179	0
Muskoka, Ontario	772	772	0
Nakina, Ontario	2	2	0
Natashquan, Quebec	16	16	0
Peterborough, Ontario	1,684	1,684	0
Pickle Lake, Ontario	20	20	0
Puvirnituq, Quebec	6	.	.
Quesnel, British Columbia	104	104	0
Red Lake, Ontario	77	75	2
Rimouski, Quebec	4	4	0
Roberval, Quebec	24	24	0
Salluit, Quebec	41	.	.
Sherbrooke, Quebec	698	682	16
St. Anthony, Newfoundland and Labrador	36	36	0
Stony Rapids, Saskatchewan	2	2	0
Sydney, Nova Scotia	24	8	16
The Pas, Manitoba	32	32	0
Tofino, British Columbia	8	4	4
Trois-Rivières, Quebec	828	825	3
Umiuq, Quebec	6	.	.
Waskaganish, Quebec	266	266	0
Welland/Niagara Central, Ontario	1,771	1,771	0
Yorkton Municipal, Saskatchewan	182	182	0
Total (45)	11,544	11,448	43

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 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

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
Kangisualujjuaq	Tasiujaq
Kangisujuaq	Umiujaq

3. 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 April, 2009 but were not available in April, 2010:

- Aklavik, Northwest Territories
- Eastmain River, Quebec
- Fort Smith, Northwest Territories
- Sachs Harbour, Northwest Territories
- Tuktoyaktuk, Northwest Territories
- Ulukhakot/Holman, Northwest Territories

b) data for the following airports are included in April, 2010 but not in April, 2009:

- Collingwood, Ontario
- Kapuskasing, Ontario
- Miramichi, New Brunswick
- Port-Menier, Quebec
- Tulita, 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-III air carriers: Canadian air carriers that, in the calendar year 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: 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.

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.