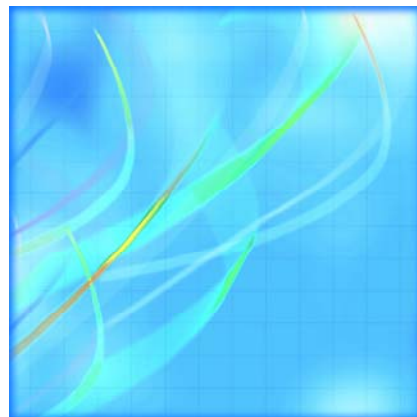


Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



October 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 **Fred Barzyk**, Assistant 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 airport in October 2010, recorded 2,533 take-offs and landings, up 10.3% from 2009. This represented 6.3% of the total itinerant movements.
- Guelph, Ontario (2,733 movements) followed by Peterborough, Ontario (2,020 movements) reported the greatest number of local movements in October 2010.

Text table 1

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

	October 2009	October 2010	Percentage change, October 2009 to October 2010	Year-to-date total		Percentage change 2009 to 2010
				2009	2010	
	number		percent	number		percent
Total	51,443	54,685	6.3	546,620	584,318	6.9
Itinerant movements						
Carrier	28,816	29,137	1.1	288,800	316,717	9.7
Other commercial	913	896	-1.9	16,048	12,438	-22.5
Private	3,980	4,431	11.3	46,890	51,438	9.7
Government						
Civil	1,169	1,466	25.4	15,409	17,759	15.3
Military	1,050	789	-24.9	10,664	11,990	12.4
Total	38,725	40,073	3.5	408,175	441,756	8.2
Local movements						
Civil	9,354	11,004	17.6	104,621	109,598	4.8
Military	697	971	39.3	4,294	2,917	-32.1
Total	10,343	12,484	20.7	115,647	119,116	3.0
Number of airports in the survey	139	133	...	139	133	...

Analysis

In October 2010, the number of take-offs and landings at the 133 airports without air traffic control towers reached 54,685 movements. Guelph, Ontario (2,733 movements) followed by Goose Bay, Newfoundland and Labrador (2,533 movements) were the most active sites in October 2010. Year-over-year increases were reported by 70 of these airports.

There were 40,073 itinerant movements (flights from one airport to another) recorded by 113 airports without air traffic control towers in October 2010. The year-over-year variations ranged from an increase of 465 movements (+41.9%) at Pickle Lake, Ontario to a decline of 889 movements (-61.4%) at Havre St-Pierre, Quebec. Fifty-nine airports reported year-over-year increases.

Forty-eight airports without air traffic control towers reported 12,484 local movements (flights that remain in the vicinity of the airport) in October 2010. Guelph, Ontario (2,733 movements) followed by Peterborough, Ontario (2,020 movements) recorded the greatest number of local movements in October 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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401-0026	Itinerant movements, by instrument flight rules, visual flight rules and runway 88, airports with NAV CANADA towers, annual
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401-0036	Domestic and international itinerant movements, by type of operation, airports with NAV CANADA flight service stations, annual
401-0037	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	.	148	148	0
Amos Municipal, Quebec	26	293	125	168
Arviat, Nunavut	30	236	236	0
Aupaluk, Quebec	.	117	115	2
Baie-Comeau, Quebec	31	639	639	0
Baker Lake, Nunavut	31	545	533	12
Barrie-Orillia-Lake Simcoe Regional, Ontario	27	289	152	137
Bathurst, New Brunswick	31	265	265	0
Beaver Creek, Yukon	9	14	14	0
Berens River, Manitoba	..	143	..	..
Bloodvein River, Manitoba	..	154	..	..
Brochet, Manitoba	..	70	..	..
Buffalo Narrows, Saskatchewan	30	504	474	30
Burwash, Yukon	9	20	20	0
Cambridge Bay, Nunavut	31	417	407	10
Cape Dorset, Nunavut	17	84	84	0
Charlo, New Brunswick	20	71	71	0
Chesterfield Inlet, Nunavut	30	122	122	0
Chevery, Quebec	28	406	406	0
Chibougamau/Chapais, Quebec	31	587	563	24
Clyde River, Nunavut	22	91	91	0
Collingwood, Ontario	31	970	786	184
Comox, British Columbia	31	1,536	1,536	0
Coral Harbour, Nunavut	25	151	151	0
Cross Lake, Manitoba	..	152	..	..
Dauphin, Manitoba	31	370	368	2
Dawson, Yukon	31	512	498	14
Dawson Creek, British Columbia	31	560	526	34
Déline, Northwest Territories	27	161	161	0
Digby, Nova Scotia	17	109	68	41
Drummondville, Quebec	31	1,621	415	1,206
Dryden Regional, Ontario	31	854	852	2
Elliot Lake Municipal, Ontario	31	504	326	178
Eureka, Nunavut	8	14	14	0
Faro, Yukon	28	246	246	0
Flin Flon, Manitoba	31	539	513	26
Fort Frances Municipal, Ontario	31	484	484	0
Fort Good Hope, Northwest Territories	24	145	145	0
Fort Liard, Northwest Territories	13	78	78	0
Fort McPherson, Northwest Territories	6	14	14	0
Fort Resolution, Northwest Territories	6	23	23	0
Fort Simpson, Northwest Territories	31	220	220	0
Gamëti/Rae Lakes, Northwest Territories	26	114	114	0
Gaspé, Quebec	31	359	359	0
Geraldton, Ontario	25	118	92	26
Gillam, Manitoba	29	246	246	0
Gjoa Haven, Nunavut	30	130	130	0
Gods Lake Narrows, Manitoba	..	124	..	..
Gods River, Manitoba	..	158	..	..
Goose Bay, Newfoundland and Labrador	31	2,533	2,533	0
Guelph, Ontario	30	2,733	0	2,733
Hall Beach, Nunavut	29	204	204	0
Havre St-Pierre, Quebec	30	602	558	44
Hay River, Northwest Territories	31	498	468	30
Hearst/René Fontaine Municipal, Ontario	10	42	42	0
Igloolik, Nunavut	23	99	99	0
Ilford, Manitoba	..	40	..	..
Inukjuak, Quebec	.	234	234	0
Island Lake, Manitoba	31	1,235	1,233	2
Ivujivik, Quebec	.	156	144	12
Kangiqsualujuaq, Quebec	.	169	169	0
Kangirsuk, Quebec	.	170	170	0
Kapuskasing, Ontario	31	457	325	132
Kimmirut, Nunavut	14	48	48	0
Kugaaruk, Nunavut	27	96	96	0
Kugluktuk, Nunavut	29	298	232	66
Kuujuarapik, Quebec	31	558	558	0
Lac Brochet, Manitoba	..	142	..	..

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		
Little Grand Rapids, Manitoba	..	106	..	..
Lourdes-de-Blanc-Sablon, Quebec	31	555	555	0
Lutselk'e, Northwest Territories	25	142	142	0
Mayo, Yukon	30	355	293	62
Miramichi, New Brunswick	28	480	480	0
Moosonee, Ontario	31	1,617	1,531	86
Muskoka, Ontario	30	1,587	1,023	564
Nakina, Ontario	30	423	409	14
Nanisivik, Nunavut	17	41	40	1
Natashquan, Quebec	29	201	201	0
Norway House, Manitoba	31	392	392	0
Old Crow, Yukon	23	55	55	0
Oxford House, Manitoba	..	206	..	..
Pabok, Quebec	11	27	27	0
Pangnirtung, Nunavut	29	166	166	0
Peterborough, Ontario	31	2,388	368	2,020
Pickle Lake, Ontario	31	1,670	1,576	94
Pikwitonei, Manitoba	..	20	..	..
Pond Inlet, Nunavut	21	77	77	0
Poplar River, Manitoba	..	192	..	..
Port-Menier, Quebec	30	369	369	0
Prince Rupert/Digby Island, British Columbia	13	53	53	0
Prince Rupert/Seal Cove, British Columbia	30	904	904	0
Pukatawagan, Manitoba	..	150	..	..
Puvirnituq, Quebec	..	447	444	3
Qikiqtarjuaq, Nunavut	23	72	72	0
Quaqtaq, Quebec	..	64	64	0
Quesnel, British Columbia	31	436	406	30
Red Lake, Ontario	31	2,079	1,923	156
Red Sucker Lake, Manitoba	..	144	..	..
Repulse Bay, Nunavut	22	92	91	1
Resolute Bay, Nunavut	28	132	132	0
Rimouski, Quebec	29	347	311	36
Roberval, Quebec	29	234	210	24
Salluit, Quebec	..	167	152	15
Sandspit, British Columbia	31	230	230	0
Sanikiluaq, Nunavut	20	101	101	0
Shamattawa, Manitoba	..	208	..	..
Sherbrooke, Quebec	29	1,136	348	788
South Indian Lake, Manitoba	..	46	..	..
St. Anthony, Newfoundland and Labrador	31	321	321	0
St-Augustin, Quebec	17	145	145	0
St. Theresa Point, Manitoba	31	677	677	0
Stephenville, Newfoundland and Labrador	28	150	150	0
Stony Rapids, Saskatchewan	31	762	756	6
Sydney, Nova Scotia	31	700	592	108
Tadoule Lake, Manitoba	..	36	..	..
Taloyoak, Nunavut	30	125	125	0
Tasiujaq, Quebec	..	167	167	0
Teslin, Yukon	1	5	5	0
The Pas, Manitoba	31	352	344	8
Thicket Portage, Manitoba	..	7	..	..
Tillsonburg, Ontario	..	955	478	477
Tofino, British Columbia	30	384	366	18
Trois-Rivières, Quebec	31	1,410	821	589
Tuktoyaktuk, Northwest Territories	29	229	229	0
Tulita, Northwest Territories	18	185	185	0
Umiujaq, Quebec	..	202	202	0
Waskaganish, Quebec	15	196	128	68
Watson Lake, Yukon	31	387	387	0
Welland/Niagara Central, Ontario	28	2,132	143	1,989
Wemindji, Quebec	23	99	99	0
Whale Cove, Nunavut	23	102	102	0
York Landing, Manitoba	..	30	..	..
Yorkton Municipal, Saskatchewan	27	775	563	212
Total (133)	31	54,685	40,073	12,484

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	148	.	.	.	.	.	.	.	.
Amos Municipal, Quebec	125	36	2	65	0	0	0	22	0
Arviat, Nunavut	236	228	2	2	0	0	0	4	0
Aupaluk, Quebec	115	.	.	.	.	.	.	.	.
Baie-Comeau, Quebec	639	466	1	106	1	0	0	65	0
Baker Lake, Nunavut	533	505	8	2	7	0	0	9	2
Barrie-Orillia-Lake Simcoe Regional, Ontario	152	102	5	32	0	0	2	9	2
Bathurst, New Brunswick	265	202	1	9	14	3	20	16	0
Beaver Creek, Yukon	14	1	0	7	1	0	5	0	0
Buffalo Narrows, Saskatchewan	474	422	12	13	0	0	0	27	0
Burwash, Yukon	20	15	0	4	0	0	1	0	0
Cambridge Bay, Nunavut	407	395	0	1	0	0	0	10	1
Cape Dorset, Nunavut	84	63	0	0	0	0	0	20	1
Charlo, New Brunswick	71	38	0	27	0	0	2	4	0
Chesterfield Inlet, Nunavut	122	116	0	0	0	0	0	6	0
Chevery, Quebec	406	392	14	0	0	0	0	0	0
Chibougamau/Chapais, Quebec	563	404	83	65	0	0	0	6	5
Clyde River, Nunavut	91	85	0	0	0	0	0	6	0
Collingwood, Ontario	786	64	54	666	0	0	0	2	0
Comox, British Columbia	1,536	1,069	5	15	2	1	0	21	423
Coral Harbour, Nunavut	151	143	2	0	0	0	0	6	0
Dauphin, Manitoba	368	134	39	78	1	0	7	25	84
Dawson, Yukon	498	415	39	42	0	0	0	2	0
Dawson Creek, British Columbia	526	433	0	87	0	0	0	6	0
Déline, Northwest Territories	161	157	0	0	0	0	0	4	0
Digby, Nova Scotia	68	25	2	36	0	0	5	0	0
Drummondville, Quebec	415	95	26	243	0	0	39	0	12
Dryden Regional, Ontario	852	649	18	57	0	0	3	109	16
Elliot Lake Municipal, Ontario	326	200	42	69	3	0	0	12	0
Eureka, Nunavut	14	12	0	0	0	0	0	0	2
Faro, Yukon	246	225	18	3	0	0	0	0	0
Flin Flon, Manitoba	513	442	0	51	1	0	8	11	0
Fort Frances Municipal, Ontario	484	355	6	75	1	0	23	24	0
Fort Good Hope, Northwest Territories	145	139	4	0	0	0	0	2	0
Fort Liard, Northwest Territories	78	74	0	0	0	0	0	4	0
Fort McPherson, Northwest Territories	14	8	0	0	0	0	0	6	0
Fort Resolution, Northwest Territories	23	12	0	0	0	0	0	5	6
Fort Simpson, Northwest Territories	220	192	2	4	0	0	0	16	6
Gamëti/Rae Lakes, Northwest Territories	114	103	0	1	0	0	0	10	0
Gaspé, Quebec	359	303	2	6	0	0	0	42	6
Geraldton, Ontario	92	70	10	10	0	0	0	2	0
Gillam, Manitoba	246	240	0	6	0	0	0	0	0
Gjoa Haven, Nunavut	130	128	2	0	0	0	0	0	0
Goose Bay, Newfoundland and Labrador	2,533	2,012	19	75	120	27	172	62	46
Hall Beach, Nunavut	204	189	0	5	0	0	0	8	2
Havre St-Pierre, Quebec	558	502	2	17	0	0	0	37	0
Hay River, Northwest Territories	468	404	2	11	0	0	0	37	14
Hearst/René Fontaine Municipal, Ontario	42	29	0	5	0	0	0	8	0
Igloolik, Nunavut	99	89	0	3	0	0	0	7	0
Inukjuak, Quebec	234	.	.	.	.	.	.	.	.
Island Lake, Manitoba	1,233	1,199	0	8	0	0	0	26	0
Ivujivik, Quebec	144	.	.	.	.	.	.	.	.
Kangiqsualujuaq, Quebec	169	.	.	.	.	.	.	.	.
Kangirsuk, Quebec	170	.	.	.	.	.	.	.	.
Kapuskasing, Ontario	325	201	0	0	116	0	2	6	0
Kimirut, Nunavut	48	48	0	0	0	0	0	0	0
Kugaaruk, Nunavut	96	94	0	0	0	0	0	2	0
Kugluktuk, Nunavut	232	222	0	2	0	0	0	8	0
Kuujuarapik, Quebec	558	551	0	1	0	0	0	6	0
Louderes-de-Blanc-Sablon, Quebec	555	462	72	15	0	0	0	6	0
Lutselk'e, Northwest Territories	142	142	0	0	0	0	0	0	0
Mayo, Yukon	293	242	41	6	0	0	0	4	0
Miramichi, New Brunswick	480	275	44	71	15	4	55	16	0
Moosonee, Ontario	1,531	1,498	0	26	1	0	0	6	0
Muskoka, Ontario	1,023	284	88	512	6	0	32	83	18
Nakina, Ontario	409	407	0	2	0	0	0	0	0
Nanisivik, Nunavut	40	40	0	0	0	0	0	0	0

Table 2-1 – continued

Itinerant movements by class and type of operation

	Total itinerant movements	Domestic			International			Government	
		Carrier	Other commercial	Private	Carrier	Other commercial	Private	Civil	Military
		number							
Natashquan, Quebec	201	188	0	11	0	0	0	2	0
Norway House, Manitoba	392	376	0	0	0	0	0	16	0
Old Crow, Yukon	55	49	0	0	2	0	0	4	0
Pabok, Quebec	27	0	0	3	0	0	0	24	0
Pangnirtung, Nunavut	166	162	0	2	0	0	0	2	0
Peterborough, Ontario	368	83	54	205	4	0	6	14	2
Pickle Lake, Ontario	1,576	1,536	2	20	0	0	0	18	0
Pond Inlet, Nunavut	77	68	0	1	0	0	0	8	0
Port-Menier, Quebec	369	359	1	9	0	0	0	0	0
Prince Rupert/Digby Island, British Columbia	53	53	0	0	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	904	762	0	38	1	0	6	97	0
Puvirnituq, Quebec	444	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	72	63	0	6	0	0	0	3	0
Quaqtaq, Quebec	64	.	.	.	.	.	.	.	.
Quesnel, British Columbia	406	201	8	187	0	0	2	8	0
Red Lake, Ontario	1,923	1,759	6	84	1	0	3	62	8
Repulse Bay, Nunavut	91	89	0	0	0	0	0	2	0
Resolute Bay, Nunavut	132	122	0	4	0	0	0	6	0
Rimouski, Quebec	311	80	6	188	0	0	0	16	21
Roberval, Quebec	210	91	9	94	0	0	0	8	8
Salluit, Quebec	152	.	.	.	.	.	.	.	.
Sandspit, British Columbia	230	147	0	1	0	0	1	81	0
Sanikiluaq, Nunavut	101	87	2	2	0	0	0	10	0
Sherbrooke, Quebec	348	58	37	229	1	0	11	4	8
St. Anthony, Newfoundland and Labrador	321	278	10	6	0	0	0	27	0
St-Augustin, Quebec	145	133	12	0	0	0	0	0	0
St. Theresa Point, Manitoba	677	667	0	2	0	0	0	8	0
Stephenville, Newfoundland and Labrador	150	92	4	4	4	0	10	22	14
Stony Rapids, Saskatchewan	756	705	0	6	0	0	0	43	2
Sydney, Nova Scotia	592	533	2	21	0	0	9	15	12
Taloyoak, Nunavut	125	120	0	3	0	0	0	2	0
Tasiujaq, Quebec	167	.	.	.	.	.	.	.	.
Teslin, Yukon	5	1	0	4	0	0	0	0	0
The Pas, Manitoba	344	299	0	17	0	0	0	26	2
Tillsonburg, Ontario	478	..	..	..	..	..	..	..	..
Tofino, British Columbia	366	177	18	111	0	0	4	50	6
Trois-Rivières, Quebec	821	426	26	358	3	0	2	4	2
Tuktoyaktuk, Northwest Territories	229	221	0	0	0	0	0	8	0
Tulita, Northwest Territories	185	181	0	0	0	0	0	4	0
Umiujaq, Quebec	202	.	.	.	.	.	.	.	.
Waskaganish, Quebec	128	128	0	0	0	0	0	0	0
Watson Lake, Yukon	387	285	1	91	1	0	3	2	4
Welland/Niagara Central, Ontario	143	6	4	31	0	0	90	10	2
Wemindji, Quebec	99	98	0	1	0	0	0	0	0
Whale Cove, Nunavut	102	100	0	0	0	0	0	2	0
Yorkton Municipal, Saskatchewan	563	307	27	151	0	0	3	23	52
Total (113)	40,073	29,137	896	4,431	306	35	526	1,466	789

Table 2-2
Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Akulivik, Quebec	148	.	.	.	.	..
Amos Municipal, Quebec	125	16	32	65	12	0
Arviat, Nunavut	236	0	230	0	6	0
Aupaluk, Quebec	115	.	.	.	.	..
Baie-Comeau, Quebec	639	21	455	108	55	0
Baker Lake, Nunavut	533	0	315	102	116	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	152	0	12	42	98	0
Bathurst, New Brunswick	265	9	170	82	4	0
Beaver Creek, Yukon	14	0	0	8	6	0
Buffalo Narrows, Saskatchewan	474	2	390	82	0	0
Burwash, Yukon	20	0	4	8	8	0
Cambridge Bay, Nunavut	407	36	348	1	22	0
Cape Dorset, Nunavut	84	0	82	0	2	0
Charlo, New Brunswick	71	2	43	10	16	0
Chesterfield Inlet, Nunavut	122	0	122	0	0	0
Chevery, Quebec	406	0	294	6	106	0
Chibougamau/Chapais, Quebec	563	10	355	80	118	0
Clyde River, Nunavut	91	0	91	0	0	0
Collingwood, Ontario	786	10	38	704	30	4
Comox, British Columbia	1,536	210	871	236	210	9
Coral Harbour, Nunavut	151	0	151	0	0	0
Dauphin, Manitoba	368	21	171	168	8	0
Dawson, Yukon	498	0	93	173	232	0
Dawson Creek, British Columbia	526	27	317	89	93	0
Déline, Northwest Territories	161	0	127	34	0	0
Digby, Nova Scotia	68	0	0	64	4	0
Drummondville, Quebec	415	2	4	354	53	2
Dryden Regional, Ontario	852	36	497	148	171	0
Elliot Lake Municipal, Ontario	326	6	179	109	32	0
Eureka, Nunavut	14	0	12	2	0	0
Faro, Yukon	246	0	62	39	145	0
Flin Flon, Manitoba	513	17	370	83	43	0
Fort Frances Municipal, Ontario	484	10	278	158	38	0
Fort Good Hope, Northwest Territories	145	0	95	50	0	0
Fort Liard, Northwest Territories	78	0	18	12	48	0
Fort McPherson, Northwest Territories	14	0	14	0	0	0
Fort Resolution, Northwest Territories	23	0	21	2	0	0
Fort Simpson, Northwest Territories	220	2	160	44	14	0
Gamëti/Rae Lakes, Northwest Territories	114	0	101	4	8	1
Gaspé, Quebec	359	10	314	23	12	0
Geraldton, Ontario	92	0	54	14	24	0
Gillam, Manitoba	246	0	124	120	2	0
Gjoa Haven, Nunavut	130	0	130	0	0	0
Goose Bay, Newfoundland and Labrador	2,533	429	1,545	56	503	0
Hall Beach, Nunavut	204	0	182	0	22	0
Havre St-Pierre, Quebec	558	3	213	140	202	0
Hay River, Northwest Territories	468	4	359	105	0	0
Hearst/René Fontaine Municipal, Ontario	42	0	27	5	10	0
Igloodik, Nunavut	99	0	99	0	0	0
Inukjuak, Quebec	234	.	.	.	.	..
Island Lake, Manitoba	1,233	4	753	151	325	0
Ivujivik, Quebec	144	.	.	.	.	..
Kangiqsualujuaq, Quebec	169	.	.	.	.	..
Kangirsuk, Quebec	170	.	.	.	.	..
Kapuskasing, Ontario	325	2	301	1	21	0
Kimmirut, Nunavut	48	0	48	0	0	0
Kugaaruk, Nunavut	96	0	96	0	0	0
Kugluktuk, Nunavut	232	10	220	2	0	0
Kuujuarapik, Quebec	558	4	543	3	8	0
Louderes-de-Blanc-Sablon, Quebec	555	0	426	73	56	0
Lutselk'e, Northwest Territories	142	0	96	40	6	0
Mayo, Yukon	293	0	38	85	170	0
Miramichi, New Brunswick	480	52	56	348	24	0
Moosonee, Ontario	1,531	2	988	334	207	0
Muskoka, Ontario	1,023	24	175	739	83	2
Nakina, Ontario	409	0	395	2	12	0
Nanisivik, Nunavut	40	0	40	0	0	0
Natashquan, Quebec	201	0	129	16	56	0

Table 2-2 – continued

Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Norway House, Manitoba	392	4	372	14	2	0
Old Crow, Yukon	55	0	47	4	4	0
Pabok, Quebec	27	6	20	1	0	0
Pangnirtung, Nunavut	166	0	166	0	0	0
Peterborough, Ontario	368	13	23	314	18	0
Pickle Lake, Ontario	1,576	0	1,479	55	42	0
Pond Inlet, Nunavut	77	1	75	1	0	0
Port-Menier, Quebec	369	0	184	181	4	0
Prince Rupert/Digby Island, British Columbia	53	0	12	41	0	0
Prince Rupert/Seal Cove, British Columbia	904	0	150	575	179	0
Puvirnituq, Quebec	444	.	.	.	.	.
Qikiqtarjuaq, Nunavut	72	0	72	0	0	0
Quaqtaq, Quebec	64	.	.	.	.	.
Quesnel, British Columbia	406	28	181	169	28	0
Red Lake, Ontario	1,923	20	1,128	584	191	0
Repulse Bay, Nunavut	91	0	88	0	3	0
Resolute Bay, Nunavut	132	8	121	1	2	0
Rimouski, Quebec	311	6	50	205	50	0
Roberval, Quebec	210	14	53	103	40	0
Salluit, Quebec	152	.	.	.	.	.
Sandspit, British Columbia	230	8	99	0	123	0
Sanikiluaq, Nunavut	101	0	101	0	0	0
Sherbrooke, Quebec	348	21	12	291	24	0
St. Anthony, Newfoundland and Labrador	321	4	284	8	25	0
St-Augustin, Quebec	145	7	127	5	6	0
St. Theresa Point, Manitoba	677	9	405	98	165	0
Stephenville, Newfoundland and Labrador	150	34	86	5	23	2
Stony Rapids, Saskatchewan	756	0	535	207	14	0
Sydney, Nova Scotia	592	128	361	58	39	6
Taloyoak, Nunavut	125	0	125	0	0	0
Tasiujaq, Quebec	167	.	.	.	.	.
Teslin, Yukon	5	0	1	4	0	0
The Pas, Manitoba	344	7	240	82	15	0
Tillsonburg, Ontario	478	..	..	..	..	..
Tofino, British Columbia	366	6	68	196	96	0
Trois-Rivières, Quebec	821	21	24	716	60	0
Tuktoyaktuk, Northwest Territories	229	0	215	12	2	0
Tulita, Northwest Territories	185	0	82	92	11	0
Umiujaq, Quebec	202	.	.	.	.	.
Waskaganish, Quebec	128	0	118	10	0	0
Watson Lake, Yukon	387	8	47	167	165	0
Welland/Niagara Central, Ontario	143	4	0	101	2	36
Wemindji, Quebec	99	0	97	2	0	0
Whale Cove, Nunavut	102	0	102	0	0	0
Yorkton Municipal, Saskatchewan	563	10	91	424	38	0
Total (113)	40,073	1,348	21,314	10,050	4,812	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	148	.	..	.	.	.	.	.
Amos Municipal, Quebec	125	71	4	30	6	4	10	0
Arviat, Nunavut	236	6	0	53	30	58	89	0
Aupaluk, Quebec	115	.	..	.	.	.	.	.
Baie-Comeau, Quebec	639	77	89	241	42	168	22	0
Baker Lake, Nunavut	533	118	100	81	32	98	102	2
Barrie-Orillia-Lake Simcoe Regional, Ontario	152	129	7	9	5	2	0	0
Bathurst, New Brunswick	265	38	48	54	6	74	45	0
Beaver Creek, Yukon	14	14	0	0	0	0	0	0
Buffalo Narrows, Saskatchewan	474	19	69	296	88	0	2	0
Burwash, Yukon	20	16	0	4	0	0	0	0
Cambridge Bay, Nunavut	407	1	2	177	14	73	102	38
Cape Dorset, Nunavut	84	2	0	29	2	17	34	0
Charlo, New Brunswick	71	20	6	43	2	0	0	0
Chesterfield Inlet, Nunavut	122	0	0	22	22	32	46	0
Chevery, Quebec	406	106	6	114	176	2	2	0
Chibougamau/Chapais, Quebec	563	139	115	162	33	110	2	2
Clyde River, Nunavut	91	0	0	28	2	14	47	0
Collingwood, Ontario	786	721	36	13	0	6	10	0
Comox, British Columbia	1,536	102	164	60	522	329	110	249
Coral Harbour, Nunavut	151	0	0	28	31	2	90	0
Dauphin, Manitoba	368	163	7	157	17	18	6	0
Dawson, Yukon	498	369	36	12	6	0	75	0
Dawson Creek, British Columbia	526	175	11	52	173	83	32	0
Déline, Northwest Territories	161	6	47	39	41	0	28	0
Digby, Nova Scotia	68	60	8	0	0	0	0	0
Drummondville, Quebec	415	392	7	14	0	0	2	0
Dryden Regional, Ontario	852	237	82	474	41	2	16	0
Elliot Lake Municipal, Ontario	326	117	88	101	8	8	4	0
Eureka, Nunavut	14	0	2	0	8	2	0	2
Faro, Yukon	246	162	52	32	0	0	0	0
Flin Flon, Manitoba	513	88	44	264	14	97	6	0
Fort Frances Municipal, Ontario	484	84	131	265	4	0	0	0
Fort Good Hope, Northwest Territories	145	28	23	72	0	0	22	0
Fort Liard, Northwest Territories	78	54	6	15	3	0	0	0
Fort McPherson, Northwest Territories	14	0	0	10	0	0	4	0
Fort Resolution, Northwest Territories	23	0	2	13	0	0	8	0
Fort Simpson, Northwest Territories	220	39	63	54	6	0	58	0
Gamëti/Rae Lakes, Northwest Territories	114	1	45	60	0	0	8	0
Gaspé, Quebec	359	8	23	39	4	203	80	2
Geraldton, Ontario	92	30	10	50	0	0	2	0
Gillam, Manitoba	246	8	114	20	2	98	4	0
Gjoa Haven, Nunavut	130	0	1	17	2	35	74	1
Goose Bay, Newfoundland and Labrador	2,533	421	166	774	306	607	184	75
Hall Beach, Nunavut	204	0	4	80	4	26	90	0
Havre St-Pierre, Quebec	558	199	143	61	102	32	21	0
Hay River, Northwest Territories	468	17	44	92	116	92	105	2
Hearst/René Fontaine Municipal, Ontario	42	9	6	27	0	0	0	0
Igloolik, Nunavut	99	0	0	25	0	36	38	0
Inukjuak, Quebec	234	.	..	..	.	.	.	.
Island Lake, Manitoba	1,233	446	30	486	62	141	68	0
Ivujivik, Quebec	144	.	..	..	.	.	.	.
Kangiqsualujuaq, Quebec	169	.	..	..	.	.	.	.
Kangirsuk, Quebec	170	.	..	..	.	.	.	.
Kapuskasing, Ontario	325	15	47	235	20	2	6	0
Kimmirut, Nunavut	48	0	0	46	2	0	0	0
Kugaaruk, Nunavut	96	0	14	18	2	26	36	0
Kugluktuk, Nunavut	232	0	0	64	0	69	87	12
Kuujuarapik, Quebec	558	7	2	297	2	86	164	0
Louder-de-Blanc-Sablon, Quebec	555	77	52	181	124	119	2	0
Lutselk'e, Northwest Territories	142	10	91	37	0	2	2	0
Mayo, Yukon	293	205	57	19	6	0	6	0
Miramichi, New Brunswick	480	242	130	50	4	48	4	2
Moosonee, Ontario	1,531	283	204	691	170	124	59	0
Muskoka, Ontario	1,023	719	113	90	51	21	9	20
Nakina, Ontario	409	12	206	149	42	0	0	0
Nanisivik, Nunavut	40	0	0	1	0	0	39	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
Natashquan, Quebec	201	67	5	77	52	0	0	0
Norway House, Manitoba	392	8	16	308	56	4	0	0
Old Crow, Yukon	55	6	0	4	0	0	43	2
Pabok, Quebec	27	1	0	2	0	18	6	0
Pangnirtung, Nunavut	166	0	0	22	2	60	82	0
Peterborough, Ontario	368	302	24	14	16	6	2	4
Pickle Lake, Ontario	1,576	54	820	188	82	0	432	0
Pond Inlet, Nunavut	77	0	1	16	0	16	44	0
Port-Menier, Quebec	369	1	184	94	40	0	50	0
Prince Rupert/Digby Island, British Columbia	53	0	53	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	904	110	763	15	0	16	0	0
Puvirnituq, Quebec	444	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	72	0	0	21	0	18	33	0
Quaqtaq, Quebec	64	.	.	.	.	.	.	.
Quesnel, British Columbia	406	193	2	8	201	2	0	0
Red Lake, Ontario	1,923	377	633	450	301	9	153	0
Repulse Bay, Nunavut	91	3	0	34	25	0	29	0
Resolute Bay, Nunavut	132	0	3	43	24	5	49	8
Rimouski, Quebec	311	152	82	63	0	8	6	0
Roberval, Quebec	210	124	12	54	8	4	6	2
Salluit, Quebec	152	.	.	.	.	.	.	.
Sandspit, British Columbia	230	54	51	52	6	67	0	0
Sanikiluaq, Nunavut	101	0	0	39	16	6	40	0
Sherbrooke, Quebec	348	293	16	16	8	11	0	4
St. Anthony, Newfoundland and Labrador	321	10	27	88	53	131	12	0
St-Augustin, Quebec	145	6	7	47	79	0	6	0
St. Theresa Point, Manitoba	677	250	14	240	9	122	41	1
Stephenville, Newfoundland and Labrador	150	12	6	15	10	73	10	24
Stony Rapids, Saskatchewan	756	14	207	334	117	84	0	0
Sydney, Nova Scotia	592	55	74	28	10	297	74	54
Taloyoak, Nunavut	125	0	0	29	0	40	56	0
Tasiujaq, Quebec	167	.	.	.	.	.	.	.
Teslin, Yukon	5	4	0	1	0	0	0	0
The Pas, Manitoba	344	50	60	127	7	97	3	0
Tillsonburg, Ontario	478	.	.	.	.	.	.	.
Tofino, British Columbia	366	152	137	47	24	4	2	0
Trois-Rivières, Quebec	821	707	69	14	4	3	8	16
Tuktoyaktuk, Northwest Territories	229	12	2	215	0	0	0	0
Tulita, Northwest Territories	185	78	50	30	0	0	27	0
Umiujaq, Quebec	202	.	.	.	.	.	.	.
Waskaganish, Quebec	128	6	4	12	0	106	0	0
Watson Lake, Yukon	387	258	76	23	28	2	0	0
Welland/Niagara Central, Ontario	143	132	7	0	0	0	4	0
Wemindji, Quebec	99	0	2	17	0	80	0	0
Whale Cove, Nunavut	102	0	0	40	20	0	42	0
Yorkton Municipal, Saskatchewan	563	324	120	95	18	4	2	0
Total (113)	40,073	10,077	6,284	9,549	3,571	4,259	3,324	522

Table 3
Local movements by type of operation

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	168	168	0
Aupaluk, Quebec	2	.	.
Baker Lake, Nunavut	12	12	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	137	137	0
Buffalo Narrows, Saskatchewan	30	30	0
Cambridge Bay, Nunavut	10	10	0
Chibougamau/Chapais, Quebec	24	24	0
Collingwood, Ontario	184	184	0
Dauphin, Manitoba	2	2	0
Dawson, Yukon	14	14	0
Dawson Creek, British Columbia	34	34	0
Digby, Nova Scotia	41	41	0
Drummondville, Quebec	1,206	258	948
Dryden Regional, Ontario	2	2	0
Elliot Lake Municipal, Ontario	178	178	0
Flin Flon, Manitoba	26	26	0
Geraldton, Ontario	26	26	0
Guelph, Ontario	2,733	2,733	0
Havre St-Pierre, Quebec	44	44	0
Hay River, Northwest Territories	30	14	16
Island Lake, Manitoba	2	2	0
Ivujivik, Quebec	12	.	.
Kapuskasing, Ontario	132	132	0
Kugluktuk, Nunavut	66	66	0
Mayo, Yukon	62	62	0
Moosonee, Ontario	86	86	0
Muskoka, Ontario	564	564	0
Nakina, Ontario	14	14	0
Nanisivik, Nunavut	1	0	1
Peterborough, Ontario	2,020	2,014	6
Pickle Lake, Ontario	94	94	0
Puvirnituq, Quebec	3	.	.
Quesnel, British Columbia	30	30	0
Red Lake, Ontario	156	156	0
Repulse Bay, Nunavut	1	1	0
Rimouski, Quebec	36	36	0
Roberval, Quebec	24	24	0
Salluit, Quebec	15	.	.
Sherbrooke, Quebec	788	788	0
Stony Rapids, Saskatchewan	6	6	0
Sydney, Nova Scotia	108	108	0
The Pas, Manitoba	8	8	0
Tillsonburg, Ontario	477	..	..
Tofino, British Columbia	18	18	0
Trois-Rivières, Quebec	589	589	0
Waskaganish, Quebec	68	68	0
Welland/Niagara Central, Ontario	1,989	1,989	0
Yorkton Municipal, Saskatchewan	212	212	0
Total (48)	12,484	11,004	971

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 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 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. 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 October, 2009 but were not available in October, 2010:

- Aklavik, Northwest Territories
- Bromont, Quebec
- Eastmain River, Quebec
- Fort Smith, Northwest Territories
- Grise Fiord, Nunavut
- Paulatuk, Northwest Territories
- Sachs Harbour, Northwest Territories
- Ulukhakot/Holman, Northwest Territories
- Wrigley, Northwest Territories

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

- Collingwood, Ontario
- Fort Good Hope, Northwest Territories
- Miramichi, New Brunswick
- Port-Menier, Quebec

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.