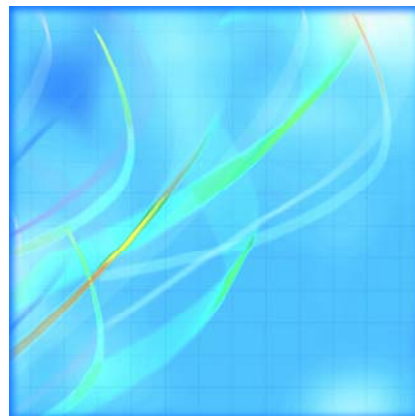


# **Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)**



December 2011



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

December 2011

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The following standard symbols are used in Statistics Canada publications:

- . 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<sup>s</sup> 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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This publication was prepared by the Aviation Statistics Centre, of the Transportation Division, Statistics Canada under the general direction of **Fred Barzyk**, Director, Transportation Division and **Norah Hillary**, Chief, Aviation Statistics Centre. **Kathie Davidson**, **Rose Krakower**, **Conrad Ogrodnik**, **John Scolli** and **Bev Pomfret** contributed to the preparation of this publication.

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## Highlights

Moosonee, Ontario, the most active site in December 2011, recorded 2,429 itinerant movements. This represented 7.5% of the total itinerant movements registered by 113 airports without air traffic control towers.

Peterborough, Ontario (1,866 movements) followed by Welland/Niagara Central, Ontario (823 movements) recorded the greatest number of local movements in December 2011.

**Text table 1**

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

	December 2010	December 2011	Percentage change, December 2010 to December 2011	Year-to-date total		Percentage change 2010 to 2011
				2010	2011	
	number		percent	number		percent
<b>Total</b>	<b>40,753</b>	<b>41,549</b>	<b>2.0</b>	<b>686,790</b>	<b>674,995</b>	<b>-1.7</b>
<b>Itinerant movements</b>						
Carrier	26,893	25,948	-3.5	377,284	385,622	2.2
Other commercial	445	491	10.3	13,718	13,849	1.0
Private	1,503	2,279	51.6	58,341	56,612	-3.0
Government						
Civil	866	1,005	16.1	20,117	21,084	4.8
Military	541	529	-2.2	13,421	12,871	-4.1
<b>Total</b>	<b>32,487</b>	<b>32,468</b>	<b>-0.1</b>	<b>519,450</b>	<b>523,942</b>	<b>0.9</b>
<b>Local movements</b>						
Civil	5,357	5,805	8.4	126,975	108,895	-14.2
Military	6	26	333.3	3,262	3,057	-6.3
<b>Total</b>	<b>5,592</b>	<b>6,334</b>	<b>13.3</b>	<b>138,506</b>	<b>122,118</b>	<b>-11.8</b>
Number of airports in the survey	136	132	...	136	132	...

## Analysis

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In December 2011, the number of take-offs and landings at the 132 airports without air traffic control towers reached 41,549 movements. Moosonee, Ontario (2,429 movements) followed by Peterborough, Ontario (2,279 movements) were the most active sites. Of the 129 airports for which year-over-year comparisons were possible, increases were reported by 67 of these airports.

There were 32,468 itinerant movements (flights from one airport to another) recorded by 113 airports without air traffic control towers in December 2011. Moosonee, Ontario (2,429 movements) followed by Red Lake, Ontario (2,061 movements) recorded the greatest number of itinerant movements in December 2011.

Thirty-six airports without air traffic control towers reported 6,334 local movements (flights that remain in the vicinity of the airport) in December 2011. Peterborough, Ontario, the most active site, recorded 1,866 take-offs and landings. This represented 29.5% of the total local movements reported.

## Related products

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### Selected publications from Statistics Canada

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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)

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### Selected CANSIM tables from Statistics Canada

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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

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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
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401-0022	Monthly itinerant movements, by weight group and type of power plant, airports without air traffic control towers
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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

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### **Selected surveys from Statistics Canada**

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2715	Aircraft Movement Statistics
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### **Selected summary tables from Statistics Canada**

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

# Statistical tables

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**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	.	145	145	0
Amos Municipal, Quebec	31	137	87	50
Arctic Bay, Nunavut	16	48	48	0
Arviat, Nunavut	27	215	215	0
Baie-Comeau, Quebec	31	734	698	36
Baker Lake, Nunavut	28	273	273	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	30	1,042	378	664
Bathurst, New Brunswick	31	196	196	0
Beaver Creek, Yukon	1	2	2	0
Berens River, Manitoba	..	241	..	..
Bloodvein River, Manitoba	..	190	..	..
Brochet, Manitoba	..	100	..	..
Bromont, Quebec	15	189	189	0
Buffalo Narrows, Saskatchewan	30	563	557	6
Burwash, Yukon	7	22	22	0
Cambridge Bay, Nunavut	29	290	286	4
Cape Dorset, Nunavut	17	72	72	0
Charlo, New Brunswick	15	32	32	0
Chesterfield Inlet, Nunavut	26	126	126	0
Chevery, Quebec	25	250	250	0
Chibougamau/Chapais, Quebec	28	396	392	4
Clyde River, Nunavut	19	102	102	0
Collingwood, Ontario	31	545	354	191
Comox, British Columbia	31	1,356	1,356	0
Coral Harbour, Nunavut	26	149	149	0
Cross Lake, Manitoba	..	150	..	..
Dauphin, Manitoba	26	187	187	0
Dawson, Yukon	28	160	160	0
Dawson Creek, British Columbia	30	415	359	56
Déline, Northwest Territories	25	143	143	0
Digby, Nova Scotia	12	78	34	44
Drummondville, Quebec	31	298	208	90
Dryden Regional, Ontario	31	606	556	50
Eastmain River, Quebec	17	71	71	0
Elliot Lake Municipal, Ontario	29	562	184	378
Eureka, Nunavut	3	6	6	0
Faro, Yukon	18	93	93	0
Flin Flon, Manitoba	30	433	433	0
Fort Frances Municipal, Ontario	27	345	345	0
Fort Liard, Northwest Territories	10	28	28	0
Fort McPherson, Northwest Territories	8	54	54	0
Fort Resolution, Northwest Territories	3	8	8	0
Fort Simpson, Northwest Territories	30	176	176	0
Gamëti/Rae Lakes, Northwest Territories	22	100	100	0
Gaspé, Quebec	31	298	298	0
Geraldton, Ontario	26	114	114	0
Gillam, Manitoba	27	171	171	0
Gjoa Haven, Nunavut	17	64	64	0
Gods Lake Narrows, Manitoba	..	95	..	..
Gods River, Manitoba	..	122	..	..
Goose Bay, Newfoundland and Labrador	31	2,060	2,060	0
Hall Beach, Nunavut	26	123	123	0
Havre St-Pierre, Quebec	24	316	314	2
Hay River, Northwest Territories	30	447	447	0
Hearst/René Fontaine Municipal, Ontario	14	58	58	0
Igloodik, Nunavut	25	122	122	0
Ilford, Manitoba	..	22	..	..
Inukjuak, Quebec	.	197	197	0
Island Lake, Manitoba	31	1,265	1,255	10
Ivujivik, Quebec	.	130	130	0
Kangiqsualujuaq, Quebec	.	111	111	0
Kangiqsujuaq, Quebec	.	73	67	6
Kangirsuk, Quebec	.	165	165	0
Kapuskasing, Ontario	31	294	262	32
Kimirut, Nunavut	13	46	46	0
Kugaaruk, Nunavut	21	64	64	0
Kugluktuk, Nunavut	25	208	207	1
Kuujuarapik, Quebec	31	417	415	2

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	..	115	..	..
Little Grand Rapids, Manitoba	..	540	..	..
Lourdes-de-Blanc-Sablon, Quebec	30	420	420	0
Lutselk'e, Northwest Territories	25	132	132	0
Mayo, Yukon	18	53	53	0
Miramichi, New Brunswick	31	168	168	0
Moosonee, Ontario	31	2,429	2,429	0
Muskoka, Ontario	30	525	357	168
Nakina, Ontario	29	446	436	10
Natashquan, Quebec	24	236	236	0
Norway House, Manitoba	31	330	330	0
Old Crow, Yukon	27	148	148	0
Oxford House, Manitoba	..	256	..	..
Pabok, Quebec	9	24	24	0
Pangnirtung, Nunavut	20	128	128	0
Paulatuk, Northwest Territories	17	45	45	0
Peterborough, Ontario	31	2,279	413	1,866
Pickle Lake, Ontario	31	1,133	1,111	22
Pikwitonei, Manitoba	..	14	..	..
Pond Inlet, Nunavut	24	76	76	0
Poplar River, Manitoba	..	192	..	..
Port-Menier, Quebec	19	147	147	0
Prince Rupert/Digby Island, British Columbia	5	12	12	0
Prince Rupert/Seal Cove, British Columbia	28	631	631	0
Pukatawagan, Manitoba	..	170	..	..
Puvirnituq, Quebec	..	354	354	0
Qikiqtarjuaq, Nunavut	24	83	83	0
Quaqtaq, Quebec	..	104	104	0
Quesnel, British Columbia	29	287	219	68
Red Lake, Ontario	31	2,129	2,061	68
Red Sucker Lake, Manitoba	..	209	..	..
Repulse Bay, Nunavut	25	109	109	0
Resolute Bay, Nunavut	25	80	80	0
Rimouski, Quebec	28	246	200	46
Roberval, Quebec	22	138	100	38
Sachs Harbour, Northwest Territories	11	28	28	0
Salluit, Quebec	..	126	126	0
Sandspit, British Columbia	28	148	146	2
Shamattawa, Manitoba	..	204	..	..
Sherbrooke, Quebec	25	657	253	404
South Indian Lake, Manitoba	..	50	..	..
St. Anthony, Newfoundland and Labrador	29	243	243	0
St. Theresa Point, Manitoba	30	1,627	1,627	0
Stephenville, Newfoundland and Labrador	27	109	109	0
Stony Rapids, Saskatchewan	31	654	654	0
Sydney, Nova Scotia	31	535	523	12
Tadoule Lake, Manitoba	..	45	..	..
Taloyoak, Nunavut	22	98	98	0
Tasiujaq, Quebec	..	105	105	0
Teslin, Yukon	5	12	12	0
The Pas, Manitoba	31	317	315	2
Thicket Portage, Manitoba	..	4	..	..
Tillsonburg, Ontario	..	707	210	497
Tofino, British Columbia	28	179	175	4
Trois-Rivières, Quebec	31	739	379	360
Tuktoyaktuk, Northwest Territories	26	120	120	0
Umiujaq, Quebec	..	147	147	0
Waskaganish, Quebec	17	136	134	2
Watson Lake, Yukon	21	91	91	0
Welland/Niagara Central, Ontario	22	875	52	823
Wemindji, Quebec	17	81	81	0
Whale Cove, Nunavut	23	116	116	0
York Landing, Manitoba	..	28	..	..
Yorkton Municipal, Saskatchewan	31	670	354	316
<b>Total (132)</b>	<b>31</b>	<b>41,549</b>	<b>32,468</b>	<b>6,334</b>

**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							
Amos Municipal, Quebec	87	68	0	9	0	0	0	10	0
Arctic Bay, Nunavut	48	47	1	0	0	0	0	0	0
Arviat, Nunavut	215	212	2	1	0	0	0	0	0
Baie-Comeau, Quebec	698	560	4	80	0	0	0	54	0
Baker Lake, Nunavut	273	267	4	0	0	0	0	2	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	378	167	17	120	4	0	1	59	10
Bathurst, New Brunswick	196	176	4	7	3	0	4	2	0
Beaver Creek, Yukon	2	0	0	0	0	0	0	2	0
Bromont, Quebec	189	18	44	116	1	0	6	2	2
Buffalo Narrows, Saskatchewan	557	517	16	8	0	0	0	16	0
Burwash, Yukon	22	22	0	0	0	0	0	0	0
Cambridge Bay, Nunavut	286	284	0	0	0	0	0	2	0
Cape Dorset, Nunavut	72	72	0	0	0	0	0	0	0
Charlo, New Brunswick	32	16	0	16	0	0	0	0	0
Chesterfield Inlet, Nunavut	126	122	0	0	0	0	0	4	0
Chevery, Quebec	250	232	12	4	1	0	0	1	0
Chibougamau/Chapais, Quebec	392	350	3	33	0	0	0	6	0
Clyde River, Nunavut	102	100	2	0	0	0	0	0	0
Collingwood, Ontario	354	59	34	259	0	0	0	0	2
Comox, British Columbia	1,356	1,001	0	5	19	0	2	27	302
Coral Harbour, Nunavut	149	147	0	0	0	0	0	2	0
Dauphin, Manitoba	187	98	12	22	0	0	0	37	18
Dawson, Yukon	160	157	0	2	0	0	1	0	0
Dawson Creek, British Columbia	359	301	12	44	0	0	1	1	0
Déline, Northwest Territories	143	137	0	0	0	0	0	6	0
Digby, Nova Scotia	34	8	0	26	0	0	0	0	0
Drummondville, Quebec	208	66	26	115	0	0	1	0	0
Dryden Regional, Ontario	556	499	1	30	3	0	1	22	0
Eastmain River, Quebec	71	71	0	0	0	0	0	0	0
Elliot Lake Municipal, Ontario	184	158	14	7	1	0	0	0	4
Eureka, Nunavut	6	2	0	4	0	0	0	0	0
Faro, Yukon	93	85	3	1	0	0	0	4	0
Flin Flon, Manitoba	433	403	0	2	0	0	0	28	0
Fort Frances Municipal, Ontario	345	324	3	12	1	1	4	0	0
Fort Liard, Northwest Territories	28	24	0	2	0	0	0	0	2
Fort McPherson, Northwest Territories	54	50	0	0	0	0	0	4	0
Fort Resolution, Northwest Territories	8	8	0	0	0	0	0	0	0
Fort Simpson, Northwest Territories	176	157	13	0	0	0	0	0	6
Gamëti/Rae Lakes, Northwest Territories	100	88	0	2	0	0	0	8	2
Gaspé, Quebec	298	268	4	6	0	0	0	20	0
Geraldton, Ontario	114	104	6	4	0	0	0	0	0
Gillam, Manitoba	171	169	0	0	0	0	0	2	0
Gjoa Haven, Nunavut	64	64	0	0	0	0	0	0	0
Goose Bay, Newfoundland and Labrador	2,060	1,577	16	43	139	28	99	84	74
Hall Beach, Nunavut	123	118	0	3	0	0	0	2	0
Havre St-Pierre, Quebec	314	288	1	5	0	0	0	20	0
Hay River, Northwest Territories	447	415	0	6	0	0	0	12	14
Hearst/René Fontaine Municipal, Ontario	58	47	0	3	0	0	0	8	0
Igloolik, Nunavut	122	112	3	5	0	0	0	2	0
Inukjuak, Quebec	197	.	.	.	.	.	.	.	.
Island Lake, Manitoba	1,255	1,234	0	5	0	0	0	16	0
Kapuskasing, Ontario	262	250	2	6	0	0	0	4	0
Kimirut, Nunavut	46	42	0	0	2	0	0	2	0
Kugaaruk, Nunavut	64	58	0	0	0	0	0	6	0
Kugluktuk, Nunavut	207	205	0	0	0	0	0	2	0
Kuujuaupik, Quebec	415	410	0	0	0	0	0	5	0
Lourdes-de-Blanc-Sablon, Quebec	420	403	2	3	0	0	0	12	0
Lutselk'e, Northwest Territories	132	132	0	0	0	0	0	0	0
Mayo, Yukon	53	47	0	0	0	0	0	6	0
Miramichi, New Brunswick	168	124	10	28	0	0	2	4	0
Moosonee, Ontario	2,429	2,414	0	10	0	0	0	5	0
Muskoka, Ontario	357	160	28	106	3	0	14	42	4
Nakina, Ontario	436	433	0	3	0	0	0	0	0
Natashquan, Quebec	236	207	0	29	0	0	0	0	0
Norway House, Manitoba	330	315	2	0	0	0	0	13	0
Old Crow, Yukon	148	145	0	0	0	0	0	3	0
Pabok, Quebec	24	6	0	0	0	0	0	18	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							
Pangnirtung, Nunavut	128	120	2	0	0	0	0	6	0
Paulatuk, Northwest Territories	45	43	0	0	0	0	0	2	0
Peterborough, Ontario	413	138	29	214	0	0	0	28	4
Pickle Lake, Ontario	1,111	1,039	52	8	0	0	0	12	0
Pond Inlet, Nunavut	76	73	1	2	0	0	0	0	0
Port-Menier, Quebec	147	133	0	12	0	0	0	2	0
Prince Rupert/Digby Island, British Columbia	12	12	0	0	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	631	496	0	25	0	0	1	109	0
Qikiqtarjuaq, Nunavut	83	81	2	0	0	0	0	0	0
Quesnel, British Columbia	219	161	4	46	0	0	0	6	2
Red Lake, Ontario	2,061	1,946	35	30	1	0	0	42	7
Repulse Bay, Nunavut	109	107	0	0	0	0	0	2	0
Resolute Bay, Nunavut	80	76	0	0	0	0	0	0	4
Rimouski, Quebec	200	52	6	140	0	0	0	2	0
Roberval, Quebec	100	65	3	32	0	0	0	0	0
Sachs Harbour, Northwest Territories	28	28	0	0	0	0	0	0	0
Sandspit, British Columbia	146	118	0	0	0	0	0	20	8
Sherbrooke, Quebec	253	52	5	185	1	0	2	0	8
St. Anthony, Newfoundland and Labrador	243	202	0	0	0	0	0	41	0
St. Theresa Point, Manitoba	1,627	1,616	0	4	0	0	0	7	0
Stephenville, Newfoundland and Labrador	109	70	8	2	0	0	0	21	8
Stony Rapids, Saskatchewan	654	640	0	2	0	0	0	12	0
Sydney, Nova Scotia	523	474	0	15	1	0	1	24	8
Taloyoak, Nunavut	98	98	0	0	0	0	0	0	0
Teslin, Yukon	12	2	0	10	0	0	0	0	0
The Pas, Manitoba	315	291	2	4	0	0	0	14	4
Tofino, British Columbia	175	84	4	48	0	0	3	28	8
Trois-Rivières, Quebec	379	160	29	186	0	0	0	2	2
Tuktoyaktuk, Northwest Territories	120	106	0	0	0	0	0	14	0
Waskaganish, Quebec	134	134	0	0	0	0	0	0	0
Watson Lake, Yukon	91	60	0	11	0	0	0	18	2
Welland/Niagara Central, Ontario	52	8	2	40	0	0	2	0	0
Wemindji, Quebec	81	79	2	0	0	0	0	0	0
Whale Cove, Nunavut	116	116	0	0	0	0	0	0	0
Yorkton Municipal, Saskatchewan	354	248	4	71	0	0	1	6	24
<b>Total (102)</b>	<b>32,468</b>	<b>25,948</b>	<b>491</b>	<b>2,279</b>	<b>180</b>	<b>29</b>	<b>146</b>	<b>1,005</b>	<b>529</b>

**Table 2-2**  
**Itinerant movements by type of power plant**

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Amos Municipal, Quebec	87	6	65	14	2	0
Arctic Bay, Nunavut	48	0	48	0	0	0
Arviat, Nunavut	215	0	212	1	2	0
Baie-Comeau, Quebec	698	24	545	113	16	0
Baker Lake, Nunavut	273	0	273	0	0	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	378	16	100	198	64	0
Bathurst, New Brunswick	196	0	179	15	2	0
Beaver Creek, Yukon	2	0	2	0	0	0
Bromont, Quebec	189	4	7	173	5	0
Buffalo Narrows, Saskatchewan	557	0	502	52	3	0
Burwash, Yukon	22	0	0	0	22	0
Cambridge Bay, Nunavut	286	32	228	6	20	0
Cape Dorset, Nunavut	72	0	72	0	0	0
Charlo, New Brunswick	32	0	18	6	8	0
Chesterfield Inlet, Nunavut	126	0	126	0	0	0
Chevery, Quebec	250	0	240	6	4	0
Chibougamau/Chapais, Quebec	392	14	342	19	17	0
Clyde River, Nunavut	102	0	102	0	0	0
Collingwood, Ontario	354	9	13	321	11	0
Comox, British Columbia	1,356	238	850	107	161	0
Coral Harbour, Nunavut	149	0	149	0	0	0
Dauphin, Manitoba	187	5	132	38	12	0
Dawson, Yukon	160	0	106	3	51	0
Dawson Creek, British Columbia	359	11	217	59	72	0
Déline, Northwest Territories	143	0	114	29	0	0
Digby, Nova Scotia	34	0	0	30	4	0
Drummondville, Quebec	208	0	4	189	15	0
Dryden Regional, Ontario	556	10	381	116	49	0
Eastmain River, Quebec	71	0	71	0	0	0
Elliot Lake Municipal, Ontario	184	0	141	23	20	0
Eureka, Nunavut	6	0	6	0	0	0
Faro, Yukon	93	0	12	19	62	0
Flin Flon, Manitoba	433	1	401	27	4	0
Fort Frances Municipal, Ontario	345	2	235	98	10	0
Fort Liard, Northwest Territories	28	0	12	8	6	2
Fort McPherson, Northwest Territories	54	0	54	0	0	0
Fort Resolution, Northwest Territories	8	0	4	4	0	0
Fort Simpson, Northwest Territories	176	0	109	67	0	0
Gamëti/Rae Lakes, Northwest Territories	100	0	96	4	0	0
Gaspé, Quebec	298	4	272	16	6	0
Geraldton, Ontario	114	0	96	8	10	0
Gillam, Manitoba	171	2	98	69	2	0
Gjoa Haven, Nunavut	64	0	64	0	0	0
Goose Bay, Newfoundland and Labrador	2,060	405	1,489	17	148	1
Hall Beach, Nunavut	123	0	108	0	15	0
Havre St-Pierre, Quebec	314	4	167	65	78	0
Hay River, Northwest Territories	447	8	302	137	0	0
Hearst/René Fontaine Municipal, Ontario	58	0	41	3	14	0
Igloolik, Nunavut	122	0	122	0	0	0
Island Lake, Manitoba	1,255	2	586	91	576	0
Kapuskasing, Ontario	262	2	250	0	10	0
Kimmirut, Nunavut	46	0	46	0	0	0
Kugaaruk, Nunavut	64	4	60	0	0	0
Kugluktuk, Nunavut	207	45	160	0	2	0
Kuujuarapik, Quebec	415	4	411	0	0	0
Louderes-de-Blanc-Sablon, Quebec	420	4	387	8	21	0
Lutselk'e, Northwest Territories	132	0	108	24	0	0
Mayo, Yukon	53	0	18	23	12	0
Miramichi, New Brunswick	168	10	90	64	4	0
Moosonee, Ontario	2,429	0	748	220	1,461	0
Muskoka, Ontario	357	13	128	161	55	0
Nakina, Ontario	436	0	421	3	12	0
Natashquan, Quebec	236	0	154	51	31	0
Norway House, Manitoba	330	3	315	12	0	0
Old Crow, Yukon	148	0	148	0	0	0
Pabok, Quebec	24	7	17	0	0	0
Pangnirtung, Nunavut	128	0	128	0	0	0
Paulatuk, Northwest Territories	45	0	45	0	0	0



Table 2-2 – continued

## Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Peterborough, Ontario	413	25	23	345	20	0
Pickle Lake, Ontario	1,111	0	1,053	31	27	0
Pond Inlet, Nunavut	76	0	76	0	0	0
Port-Menier, Quebec	147	2	68	71	6	0
Prince Rupert/Digby Island, British Columbia	12	0	0	12	0	0
Prince Rupert/Seal Cove, British Columbia	631	0	32	421	178	0
Qikiqtarjuaq, Nunavut	83	0	73	0	10	0
Quesnel, British Columbia	219	4	154	46	15	0
Red Lake, Ontario	2,061	0	1,495	460	106	0
Repulse Bay, Nunavut	109	0	109	0	0	0
Resolute Bay, Nunavut	80	8	70	2	0	0
Rimouski, Quebec	200	12	40	138	10	0
Roberval, Quebec	100	2	37	47	14	0
Sachs Harbour, Northwest Territories	28	0	28	0	0	0
Sandspit, British Columbia	146	2	110	0	34	0
Sherbrooke, Quebec	253	9	10	226	8	0
St. Anthony, Newfoundland and Labrador	243	0	239	0	4	0
St. Theresa Point, Manitoba	1,627	7	495	89	1,036	0
Stephenville, Newfoundland and Labrador	109	14	88	0	7	0
Stony Rapids, Saskatchewan	654	0	533	117	4	0
Sydney, Nova Scotia	523	32	415	42	34	0
Taloyoak, Nunavut	98	0	96	2	0	0
Teslin, Yukon	12	0	0	12	0	0
The Pas, Manitoba	315	8	232	52	23	0
Tofino, British Columbia	175	10	20	92	53	0
Trois-Rivières, Quebec	379	23	11	316	29	0
Tuktoyaktuk, Northwest Territories	120	0	120	0	0	0
Waskaganish, Quebec	134	0	124	10	0	0
Watson Lake, Yukon	91	0	73	12	6	0
Welland/Niagara Central, Ontario	52	0	0	52	0	0
Wemindji, Quebec	81	0	79	2	0	0
Whale Cove, Nunavut	116	0	116	0	0	0
Yorkton Municipal, Saskatchewan	354	10	81	225	38	0
<b>Total (101)</b>	<b>32,468</b>	<b>1,057</b>	<b>19,247</b>	<b>5,539</b>	<b>4,761</b>	<b>3</b>

**Table 2-3**  
**Itinerant movements by aircraft weight groups**

	Total itinerant movements	Maximum 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						
Amos Municipal, Quebec	87	13	3	61	0	4	6	0
Arctic Bay, Nunavut	48	0	0	6	0	27	15	0
Arviat, Nunavut	215	3	0	19	4	79	110	0
Baie-Comeau, Quebec	698	38	91	254	86	151	74	4
Baker Lake, Nunavut	273	0	0	28	5	51	189	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	378	234	18	113	5	8	0	0
Bathurst, New Brunswick	196	8	46	28	8	96	10	0
Beaver Creek, Yukon	2	0	0	2	0	0	0	0
Bromont, Quebec	189	168	10	7	0	4	0	0
Buffalo Narrows, Saskatchewan	557	33	24	370	130	0	0	0
Burwash, Yukon	22	22	0	0	0	0	0	0
Cambridge Bay, Nunavut	286	0	4	108	10	46	76	42
Cape Dorset, Nunavut	72	0	0	8	3	61	0	0
Charlo, New Brunswick	32	14	0	18	0	0	0	0
Chesterfield Inlet, Nunavut	126	0	0	6	2	5	113	0
Chevery, Quebec	250	4	6	122	114	2	2	0
Chibougamau/Chapais, Quebec	392	26	32	201	28	101	4	0
Clyde River, Nunavut	102	0	0	11	0	44	47	0
Collingwood, Ontario	354	320	14	11	1	1	6	1
Comox, British Columbia	1,356	38	94	49	526	294	100	255
Coral Harbour, Nunavut	149	0	0	16	2	122	9	0
Dauphin, Manitoba	187	37	11	126	5	8	0	0
Dawson, Yukon	160	54	0	6	2	0	98	0
Dawson Creek, British Columbia	359	120	9	25	108	73	24	0
Déline, Northwest Territories	143	2	41	30	42	4	24	0
Digby, Nova Scotia	34	32	2	0	0	0	0	0
Drummondville, Quebec	208	186	18	4	0	0	0	0
Dryden Regional, Ontario	556	135	29	368	12	10	2	0
Eastmain River, Quebec	71	0	0	4	20	47	0	0
Elliot Lake Municipal, Ontario	184	27	32	103	12	8	0	2
Eureka, Nunavut	6	0	0	4	2	0	0	0
Faro, Yukon	93	80	3	6	4	0	0	0
Flin Flon, Manitoba	433	6	37	282	1	100	7	0
Fort Frances Municipal, Ontario	345	30	80	233	0	2	0	0
Fort Liard, Northwest Territories	28	12	6	8	2	0	0	0
Fort McPherson, Northwest Territories	54	0	0	9	0	0	45	0
Fort Resolution, Northwest Territories	8	2	2	0	0	0	4	0
Fort Simpson, Northwest Territories	176	54	60	14	5	2	41	0
Gamëti/Rae Lakes, Northwest Territories	100	4	40	38	2	0	16	0
Gaspé, Quebec	298	20	2	11	15	239	11	0
Geraldton, Ontario	114	14	8	92	0	0	0	0
Gillam, Manitoba	171	4	67	14	0	86	0	0
Gjoa Haven, Nunavut	64	0	0	4	2	27	29	2
Goose Bay, Newfoundland and Labrador	2,060	105	26	842	258	430	295	104
Hall Beach, Nunavut	123	0	0	37	0	39	47	0
Havre St-Pierre, Quebec	314	83	60	55	51	26	39	0
Hay River, Northwest Territories	447	14	21	93	103	104	106	6
Hearst/René Fontaine Municipal, Ontario	58	9	8	41	0	0	0	0
Igloolik, Nunavut	122	0	0	21	2	47	52	0
Island Lake, Manitoba	1,255	651	14	408	4	146	32	0
Kapuskasing, Ontario	262	6	22	210	2	16	6	0
Kimmirut, Nunavut	46	0	0	46	0	0	0	0
Kugaaruk, Nunavut	64	0	0	14	0	20	26	4
Kugluktuk, Nunavut	207	0	0	28	5	44	81	49
Kuujuaupik, Quebec	415	0	0	182	0	81	152	0
Louderes-de-Blanc-Sablon, Quebec	420	24	6	188	92	102	8	0
Lutselk'e, Northwest Territories	132	5	38	79	4	2	4	0
Mayo, Yukon	53	12	23	8	2	0	8	0
Miramichi, New Brunswick	168	66	68	14	2	6	10	2
Moosonee, Ontario	2,429	1,475	131	516	123	120	64	0
Muskoka, Ontario	357	178	57	80	26	7	9	0
Nakina, Ontario	436	9	324	79	24	0	0	0
Natashquan, Quebec	236	59	23	102	48	2	2	0
Norway House, Manitoba	330	2	11	314	3	0	0	0
Old Crow, Yukon	148	0	0	5	6	0	137	0
Pabok, Quebec	24	0	0	4	2	11	7	0
Pangnirtung, Nunavut	128	0	0	25	0	35	68	0

Table 2-3 – continued

## Itinerant movements by aircraft weight groups

	Total itinerant movements	Maximum 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						
Paulatuk, Northwest Territories	45	0	0	45	0	0	0	0
Peterborough, Ontario	413	349	11	23	12	7	9	2
Pickle Lake, Ontario	1,111	17	567	109	182	0	236	0
Pond Inlet, Nunavut	76	0	0	19	0	46	11	0
Port-Menier, Quebec	147	4	73	18	42	0	10	0
Prince Rupert/Digby Island, British Columbia	12	0	12	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	631	54	479	98	0	0	0	0
Qikiqtarjuaq, Nunavut	83	0	0	10	10	20	43	0
Quesnel, British Columbia	219	59	0	0	158	2	0	0
Red Lake, Ontario	2,061	270	734	486	209	27	332	3
Repulse Bay, Nunavut	109	0	0	11	0	67	31	0
Resolute Bay, Nunavut	80	0	0	30	4	0	34	12
Rimouski, Quebec	200	86	62	36	1	3	0	12
Roberval, Quebec	100	57	2	37	2	2	0	0
Sachs Harbour, Northwest Territories	28	0	0	26	0	0	0	2
Sandspit, British Columbia	146	18	10	36	16	62	4	0
Sherbrooke, Quebec	253	224	8	10	2	6	0	3
St. Anthony, Newfoundland and Labrador	243	2	2	64	41	125	9	0
St. Theresa Point, Manitoba	1,627	1,121	4	307	15	144	36	0
Stephenville, Newfoundland and Labrador	109	0	9	6	18	52	16	8
Stony Rapids, Saskatchewan	654	6	119	323	128	78	0	0
Sydney, Nova Scotia	523	42	58	32	16	349	10	16
Taloyoak, Nunavut	98	0	2	10	2	64	14	6
Teslin, Yukon	12	12	0	0	0	0	0	0
The Pas, Manitoba	315	35	52	122	8	88	6	4
Tofino, British Columbia	175	63	74	20	8	6	0	4
Trois-Rivières, Quebec	379	318	26	8	8	0	6	13
Tuktoyaktuk, Northwest Territories	120	0	4	116	0	0	0	0
Waskaganish, Quebec	134	10	0	10	12	102	0	0
Watson Lake, Yukon	91	16	0	23	50	2	0	0
Welland/Niagara Central, Ontario	52	42	10	0	0	0	0	0
Wemindji, Quebec	81	2	0	11	10	58	0	0
Whale Cove, Nunavut	116	0	0	4	0	26	86	0
Yorkton Municipal, Saskatchewan	354	203	46	89	10	6	0	0
<b>Total (101)</b>	<b>32,468</b>	<b>7,448</b>	<b>3,985</b>	<b>8,349</b>	<b>2,879</b>	<b>4,282</b>	<b>3,108</b>	<b>556</b>

**Table 3**  
**Local movements by type of operation**

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	50	50	0
Baie-Comeau, Quebec	36	36	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	664	660	4
Buffalo Narrows, Saskatchewan	6	6	0
Cambridge Bay, Nunavut	4	4	0
Chibougamau/Chapais, Quebec	4	4	0
Collingwood, Ontario	191	191	0
Dawson Creek, British Columbia	56	56	0
Digby, Nova Scotia	44	44	0
Drummondville, Quebec	90	90	0
Dryden Regional, Ontario	50	50	0
Elliot Lake Municipal, Ontario	378	378	0
Havre St-Pierre, Quebec	2	2	0
Island Lake, Manitoba	10	10	0
Kapuskasing, Ontario	32	32	0
Kugluktuk, Nunavut	1	1	0
Kuujuarapik, Quebec	2	2	0
Muskoka, Ontario	168	168	0
Nakina, Ontario	10	10	0
Peterborough, Ontario	1,866	1,846	20
Pickle Lake, Ontario	22	22	0
Quesnel, British Columbia	68	68	0
Red Lake, Ontario	68	68	0
Rimouski, Quebec	46	46	0
Roberval, Quebec	38	38	0
Sandspit, British Columbia	2	2	0
Sherbrooke, Quebec	404	404	0
Sydney, Nova Scotia	12	10	2
The Pas, Manitoba	2	2	0
Tofino, British Columbia	4	4	0
Trois-Rivières, Quebec	360	360	0
Waskaganish, Quebec	2	2	0
Welland/Niagara Central, Ontario	823	823	0
Yorkton Municipal, Saskatchewan	316	316	0
<b>Total (34)</b>	<b>6,334</b>	<b>5,805</b>	<b>26</b>

# Methodology

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## 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

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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

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## 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 December, 2010 but were not available in December, 2011:

1. Fort Good Hope, Northwest Territories
2. Grise Fiord, Nunavut
3. Guelph, Ontario
4. Sanikiluaq, Northwest Territories
5. St-Augustin, Quebec
6. Tulita, Northwest Territories

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

1. Fort Liard, Northwest Territories
2. Hall Beach, Nunavut
3. Sachs Harbour, Northwest Territories
5. In January 2011, the airport at Nanisivik, Nunavut was closed due to cessation of mining operations. A new airport was opened at Arctic Bay, Nunavut.
6. In the spring of 2011, operations at Guelph, Ontario temporarily ceased until the new owner is established.



## Appendix II

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### 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.