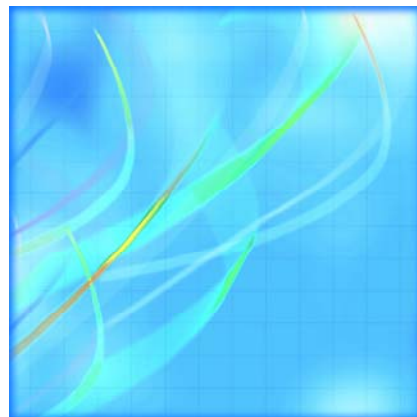


# Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



March 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

## Acknowledgments

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## Highlights

Goose Bay, Newfoundland and Labrador, the most active site for March 2010, represented 5.4% of the total itinerant movements. Goose Bay recorded 2,167 take-offs and landings, down 0.7% from March 2009.

Guelph, Ontario (2,275 movements) followed by Welland/Niagara Central, Ontario (1,997 movements) reported the greatest number of local movements in March 2010.

**Text table 1**

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

	March 2009	March 2010	Percentage change, March 2009 to March 2010	Year-to-date total		Percentage change 2009 to 2010
				2009	2010	
	number		percent	number		percent
<b>Total</b>	<b>47,945</b>	<b>55,054</b>	<b>14.8</b>	<b>117,315</b>	<b>130,701</b>	<b>11.4</b>
<b>Itinerant movements</b>						
Carrier	25,300	29,792	17.8	67,851	74,283	9.5
Other commercial	1,319	1,249	-5.3	2,333	2,597	11.3
Private	3,517	4,323	22.9	7,104	8,651	21.8
Government						
Civil	1,308	1,503	14.9	3,454	3,820	10.6
Military	924	1,183	28.0	2,298	3,383	47.2
<b>Total</b>	<b>34,756</b>	<b>40,426</b>	<b>16.3</b>	<b>89,757</b>	<b>99,678</b>	<b>11.1</b>
<b>Local movements</b>						
Civil	11,313	12,011	6.2	22,084	24,605	11.4
Military	58	103	77.6	223	161	-27.8
<b>Total</b>	<b>11,377</b>	<b>12,145</b>	<b>6.8</b>	<b>22,352</b>	<b>24,823</b>	<b>11.1</b>
Number of airports in the survey	133	131	...	133	131	...

## Analysis

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In March 2010, the number of take-offs and landings at the 131 airports without air traffic control towers reached 55,054 movements. Year-over-year increases were reported by 72 of these airports. Barrie-Orillia-Lake Simcoe Regional, Ontario (2,466 movements) followed by Guelph, Ontario (2,275 movements) were the most active sites in March 2010.

There were 40,426 itinerant movements (flights from one airport to another) recorded by 111 airports without air traffic control towers in March 2010. Sixty-three airports reported year-over-year increases. Goose Bay, Newfoundland and Labrador, the most active site for March 2010, represented 5.4% of the total itinerant movements. Goose Bay recorded 2,167 take-offs and landings, down 0.7% from March 2009.

There were 12,145 local movements (flights that remain in the vicinity of the airport) recorded by 46 airports without air traffic control towers in March 2010. Guelph, Ontario (2,275 movements) followed by Welland/Niagara Central, Ontario (1,997 movements) reported the greatest number of local movements in March 2010.

## 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)
51-206-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
401-0018	Itinerant movements, by type of power plant, airports with NAV CANADA flight service stations, monthly

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401-0019	Itinerant movements, by aircraft gross take-off weight, airports with NAV CANADA flight service stations, monthly
401-0020	Domestic and international itinerant movements, by type of operation, airports with NAV CANADA flight service stations, monthly
401-0021	Monthly aircraft movements, by class of operation and type of operation, airports without air traffic control towers
401-0022	Monthly itinerant movements, by weight group and type of power plant, airports without air traffic control towers
401-0023	Aircraft movements, by class of operation, airports with NAV CANADA towers, annual
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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
401-0028	Itinerant movements, by aircraft gross take-off weight, airports with NAV CANADA towers, annual
401-0029	Domestic and international itinerant movements, by type of operation, airports with NAV CANADA towers, annual
401-0030	Aircraft movements, by class of operation, airports with NAV CANADA flight service stations, annual
401-0031	Aircraft movements, by civil and military movements, airports with NAV CANADA flight service stations, annual
401-0032	Itinerant movements, by type of operation, airports with NAV CANADA flight service stations, 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

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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	.	108	108	0
Amos Municipal, Quebec	30	330	130	200
Arviat, Nunavut	30	245	245	0
Aupaluk, Quebec	.	97	97	0
Baie-Comeau, Quebec	31	778	728	50
Baker Lake, Nunavut	29	368	368	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	29	2,466	638	1,828
Bathurst, New Brunswick	31	253	253	0
Beaver Creek, Yukon	28	67	67	0
Berens River, Manitoba	..	174	..	..
Bloodvein River, Manitoba	..	152	..	..
Brochet, Manitoba	..	88	..	..
Bromont, Quebec	8	123	123	0
Buffalo Narrows, Saskatchewan	31	599	589	10
Burwash, Yukon	3	7	7	0
Cambridge Bay, Nunavut	31	348	344	4
Cape Dorset, Nunavut	20	94	94	0
Charlo, New Brunswick	25	102	102	0
Chesterfield Inlet, Nunavut	22	96	96	0
Chevery, Quebec	28	339	339	0
Chibougamau/Chapais, Quebec	31	447	447	0
Collingwood, Ontario	31	754	634	120
Comox, British Columbia	31	1,891	1,891	0
Coral Harbour, Nunavut	26	141	141	0
Cross Lake, Manitoba	..	150	..	..
Dauphin, Manitoba	30	356	324	32
Dawson, Yukon	31	304	298	6
Dawson Creek, British Columbia	31	587	529	58
Déline, Northwest Territories	28	180	180	0
Digby, Nova Scotia	14	156	32	124
Digby Island, British Columbia	9	26	26	0
Drummondville, Quebec	31	583	379	204
Dryden Regional, Ontario	31	991	926	65
Elliot Lake Municipal, Ontario	31	491	351	140
Eureka, Nunavut	18	54	54	0
Faro, Yukon	19	31	31	0
Flin Flon, Manitoba	30	528	518	10
Fort Frances Municipal, Ontario	30	426	426	0
Fort Liard, Northwest Territories	18	81	81	0
Fort McPherson, Northwest Territories	14	108	108	0
Fort Resolution, Northwest Territories	9	27	27	0
Gamëti/Rae Lakes, Northwest Territories	20	97	97	0
Gaspé, Quebec	30	335	335	0
Geraldton, Ontario	31	601	593	8
Gillam, Manitoba	29	246	246	0
Gjoa Haven, Nunavut	23	155	154	1
Gods Lake Narrows, Manitoba	..	110	..	..
Gods River, Manitoba	..	202	..	..
Goose Bay, Newfoundland and Labrador	31	2,167	2,167	0
Grise Fiord, Nunavut	1	2	2	0
Guelph, Ontario	25	2,275	0	2,275
Hall Beach, Nunavut	27	140	140	0
Havre St-Pierre, Quebec	30	328	322	6
Hay River, Northwest Territories	31	491	485	6
Hearst/René Fontaine Municipal, Ontario	13	67	67	0
Igloolik, Nunavut	29	120	120	0
Ilford, Manitoba	..	26	..	..
Inukjuak, Quebec	.	241	241	0
Island Lake, Manitoba	31	1,165	1,149	16
Ivujivik, Quebec	.	132	132	0
Kangiqsualujuaq, Quebec	.	111	111	0
Kangiqsujuaq, Quebec	.	175	158	17
Kapuskasing, Ontario	31	511	353	158
Kimmirut, Nunavut	16	56	56	0
Kugaaruk, Nunavut	29	137	134	3
Kugluktuk, Nunavut	30	263	262	1
Kuujuarapik, Quebec	31	551	551	0
Lac Brochet, Manitoba	..	116	..	..

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	..	364	..	..
Lourdes-de-Blanc-Sablon, Quebec	31	605	601	4
Lutsel'k'e, Northwest Territories	27	142	142	0
Mayo, Yukon	21	91	90	1
Miramichi, New Brunswick	29	578	578	0
Moosonee, Ontario	31	2,197	1,810	387
Muskoka, Ontario	30	1,287	955	332
Nakina, Ontario	31	1,227	1,225	2
Nanisivik, Nunavut	14	40	40	0
Natashquan, Quebec	31	406	396	10
Norway House, Manitoba	31	347	347	0
Old Crow, Yukon	28	158	158	0
Oxford House, Manitoba	..	236	..	..
Pabok, Quebec	14	37	37	0
Peterborough, Ontario	31	2,196	691	1,505
Pickle Lake, Ontario	31	1,617	1,595	22
Pikwitonei, Manitoba	..	6	..	..
Pond Inlet, Nunavut	22	86	86	0
Poplar River, Manitoba	..	126	..	..
Port-Menier, Quebec	20	114	114	0
Prince Rupert/Seal Cove, British Columbia	30	880	872	8
Pukatawagan, Manitoba	..	118	..	..
Puvirnituq, Quebec	..	364	364	0
Qikiqtarjuaq, Nunavut	20	75	75	0
Quaqtaq, Quebec	..	197	183	14
Quesnel, British Columbia	31	331	313	18
Red Lake, Ontario	31	2,054	1,920	134
Red Sucker Lake, Manitoba	..	203	..	..
Repulse Bay, Nunavut	26	100	100	0
Resolute Bay, Nunavut	28	412	412	0
Rimouski, Quebec	29	405	335	70
Roberval, Quebec	26	351	291	60
Salluit, Quebec	..	153	153	0
Sandspit, British Columbia	31	203	203	0
Sanikiluaq, Nunavut	23	117	117	0
Shamattawa, Manitoba	..	232	..	..
Sherbrooke, Quebec	30	1,125	353	772
South Indian Lake, Manitoba	..	70	..	..
St. Anthony, Newfoundland and Labrador	31	435	435	0
St. Augustin, Quebec	22	190	190	0
St. Theresa Point, Manitoba	31	817	815	2
Stephenville, Newfoundland and Labrador	30	140	140	0
Stony Rapids, Saskatchewan	30	770	770	0
Sydney, Nova Scotia	31	517	517	0
Tadoule Lake, Manitoba	..	78	..	..
Taloyoak, Nunavut	30	130	130	0
Tasiujaq, Quebec	..	124	124	0
Teslin, Yukon	2	6	6	0
The Pas, Manitoba	31	374	358	16
Thicket Portage, Manitoba	..	2	..	..
Tofino, British Columbia	31	390	364	26
Trois-Rivières, Quebec	31	2,250	1,065	1,185
Tuktoyaktuk, Northwest Territories	26	92	92	0
Tulita, Northwest Territories	19	147	147	0
Umiujaq, Quebec	..	130	130	0
Waskaganish, Quebec	28	343	261	82
Watson Lake, Yukon	27	112	112	0
Welland/Niagara Central, Ontario	28	2,064	67	1,997
Wemindji, Quebec	11	59	59	0
Whale Cove, Nunavut	22	111	111	0
Wrigley, Northwest Territories	3	8	8	0
York Landing, Manitoba	..	30	..	..
Yorkton Municipal, Saskatchewan	31	519	363	156
<b>Total (131)</b>	<b>31</b>	<b>55,054</b>	<b>40,426</b>	<b>12,145</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							
Akulivik, Quebec	108	.	.	.	.	.	.	.	.
Amos Municipal, Quebec	130	30	4	88	0	0	0	8	0
Arviat, Nunavut	245	241	0	0	0	0	0	4	0
Aupaluk, Quebec	97	.	.	.	.	.	.	.	.
Baie-Comeau, Quebec	728	533	20	90	0	0	0	73	12
Baker Lake, Nunavut	368	368	0	0	0	0	0	0	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	638	212	18	303	8	0	18	73	6
Bathurst, New Brunswick	253	187	2	17	7	0	24	16	0
Beaver Creek, Yukon	67	63	0	0	0	0	0	4	0
Bromont, Quebec	123	12	34	71	0	0	0	2	4
Buffalo Narrows, Saskatchewan	589	545	27	0	0	0	0	14	3
Burwash, Yukon	7	4	0	3	0	0	0	0	0
Cambridge Bay, Nunavut	344	330	1	1	0	0	0	8	4
Cape Dorset, Nunavut	94	87	0	2	0	0	0	5	0
Charlo, New Brunswick	102	33	6	38	0	0	2	23	0
Chesterfield Inlet, Nunavut	96	96	0	0	0	0	0	0	0
Chevery, Quebec	339	330	6	1	0	0	0	2	0
Chibougamau/Chapais, Quebec	447	349	4	77	0	0	1	16	0
Collingwood, Ontario	634	72	58	500	0	0	0	2	2
Comox, British Columbia	1,891	1,102	0	4	7	0	1	27	750
Coral Harbour, Nunavut	141	141	0	0	0	0	0	0	0
Dauphin, Manitoba	324	137	27	51	0	0	0	19	90
Dawson, Yukon	298	245	4	40	2	0	1	6	0
Dawson Creek, British Columbia	529	411	16	102	0	0	0	0	0
Déline, Northwest Territories	180	168	0	0	0	0	0	12	0
Digby, Nova Scotia	32	14	2	16	0	0	0	0	0
Digby Island, British Columbia	26	26	0	0	0	0	0	0	0
Drummondville, Quebec	379	138	34	181	0	0	22	0	4
Dryden Regional, Ontario	926	755	24	40	0	0	2	98	7
Elliot Lake Municipal, Ontario	351	242	76	24	0	1	0	8	0
Eureka, Nunavut	54	44	0	0	6	0	0	0	4
Faro, Yukon	31	23	8	0	0	0	0	0	0
Flin Flon, Manitoba	518	475	7	20	0	0	0	16	0
Fort Frances Municipal, Ontario	426	367	3	18	2	0	11	25	0
Fort Liard, Northwest Territories	81	79	0	0	0	0	0	2	0
Fort McPherson, Northwest Territories	108	100	0	0	0	0	0	8	0
Fort Resolution, Northwest Territories	27	25	0	0	0	0	0	2	0
Gamèti/Rae Lakes, Northwest Territories	97	97	0	0	0	0	0	0	0
Gaspé, Quebec	335	283	4	6	0	0	0	42	0
Geraldton, Ontario	593	501	65	5	0	0	0	22	0
Gillam, Manitoba	246	233	0	1	0	0	0	12	0
Gjoa Haven, Nunavut	154	149	0	0	1	0	0	4	0
Goose Bay, Newfoundland and Labrador	2,167	1,606	12	68	138	17	155	66	105
Grise Fiord, Nunavut	2	2	0	0	0	0	0	0	0
Hall Beach, Nunavut	140	131	0	3	0	0	0	6	0
Havre St-Pierre, Quebec	322	272	0	28	0	0	0	22	0
Hay River, Northwest Territories	485	439	0	26	0	0	0	20	0
Hearst/René Fontaine Municipal, Ontario	67	51	5	9	0	0	0	2	0
Igloolik, Nunavut	120	111	0	1	0	0	0	8	0
Inukjuak, Quebec	241	.	.	.	.	.	.	.	.
Island Lake, Manitoba	1,149	1,134	0	2	0	0	0	11	2
Ivujivik, Quebec	132	.	.	.	.	.	.	.	.
Kangiqsualujuaq, Quebec	111	.	.	.	.	.	.	.	.
Kangiqsujuaq, Quebec	158	.	.	.	.	.	.	.	.
Kapuskasing, Ontario	353	353	0	0	0	0	0	0	0
Kimirut, Nunavut	56	54	0	0	0	0	0	2	0
Kugaaruk, Nunavut	134	131	0	3	0	0	0	0	0
Kugluktuk, Nunavut	262	258	0	2	0	0	0	2	0
Kuujuarapik, Quebec	551	536	0	3	0	0	0	12	0
Louderes-de-Blanc-Sablon, Quebec	601	518	47	6	0	0	0	30	0
Lutselk'e, Northwest Territories	142	139	0	1	0	0	0	0	2
Mayo, Yukon	90	84	4	2	0	0	0	0	0
Miramichi, New Brunswick	578	373	71	35	35	0	50	14	0
Moosonee, Ontario	1,810	1,774	2	32	0	0	0	2	0
Muskoka, Ontario	955	348	117	414	0	0	11	48	17
Nakina, Ontario	1,225	1,207	2	10	0	0	0	6	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	396	330	14	46	0	0	0	4	2
Norway House, Manitoba	347	320	0	11	0	0	0	16	0
Old Crow, Yukon	158	146	0	7	0	0	1	4	0
Pabok, Quebec	37	9	0	0	0	0	0	28	0
Peterborough, Ontario	691	206	127	309	0	0	0	24	25
Pickle Lake, Ontario	1,595	1,514	0	40	0	0	0	41	0
Pond Inlet, Nunavut	86	77	1	1	0	0	0	4	3
Port-Menier, Quebec	114	114	0	0	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	872	723	0	30	3	0	1	115	0
Puvirnituq, Quebec	364	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	75	72	0	3	0	0	0	0	0
Quaqtaq, Quebec	183	.	.	.	.	.	.	.	.
Quesnel, British Columbia	313	208	0	105	0	0	0	0	0
Red Lake, Ontario	1,920	1,772	8	77	1	0	1	45	16
Repulse Bay, Nunavut	100	98	0	0	0	0	0	2	0
Resolute Bay, Nunavut	412	400	0	4	0	0	0	6	2
Rimouski, Quebec	335	54	61	214	0	0	0	6	0
Roberval, Quebec	291	57	131	91	0	0	0	12	0
Salluit, Quebec	153	.	.	.	.	.	.	.	.
Sandspit, British Columbia	203	174	0	0	0	0	0	19	10
Sanikiluaq, Nunavut	117	109	0	6	0	0	0	2	0
Sherbrooke, Quebec	353	91	34	200	1	0	11	4	12
St. Anthony, Newfoundland and Labrador	435	344	14	0	0	0	0	71	6
St. Augustin, Quebec	190	152	28	10	0	0	0	0	0
St. Theresa Point, Manitoba	815	786	0	2	1	0	0	26	0
Stephenville, Newfoundland and Labrador	140	85	0	0	6	0	12	27	10
Stony Rapids, Saskatchewan	770	742	1	5	0	0	0	22	0
Sydney, Nova Scotia	517	454	4	21	2	0	2	30	4
Taloyoak, Nunavut	130	126	0	0	0	0	0	4	0
Tasiujaq, Quebec	124	.	.	.	.	.	.	.	.
Teslin, Yukon	6	6	0	0	0	0	0	0	0
The Pas, Manitoba	358	303	2	20	0	0	0	31	2
Tofino, British Columbia	364	122	26	83	1	0	0	106	26
Trois-Rivières, Quebec	1,065	453	82	513	1	0	0	12	4
Tuktoyaktuk, Northwest Territories	92	84	0	0	0	0	0	8	0
Tulita, Northwest Territories	147	145	0	0	0	0	0	2	0
Umiujaq, Quebec	130	.	.	.	.	.	.	.	.
Waskaganish, Quebec	261	259	0	2	0	0	0	0	0
Watson Lake, Yukon	112	65	0	43	0	0	0	2	2
Welland/Niagara Central, Ontario	67	6	4	48	0	4	5	0	0
Wemindji, Quebec	59	56	0	3	0	0	0	0	0
Whale Cove, Nunavut	111	107	0	0	0	0	0	4	0
Wrigley, Northwest Territories	8	8	0	0	0	0	0	0	0
Yorkton Municipal, Saskatchewan	363	207	2	85	0	0	0	22	47
<b>Total (111)</b>	<b>40,426</b>	<b>29,792</b>	<b>1,249</b>	<b>4,323</b>	<b>222</b>	<b>22</b>	<b>331</b>	<b>1,503</b>	<b>1,183</b>

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

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Akulivik, Quebec	108	.	.	.	.	..
Amos Municipal, Quebec	130	8	30	90	2	0
Arviat, Nunavut	245	0	243	0	2	0
Aupaluk, Quebec	97	.	.	.	.	..
Baie-Comeau, Quebec	728	30	505	144	49	0
Baker Lake, Nunavut	368	0	361	7	0	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	638	41	105	385	107	0
Bathurst, New Brunswick	253	6	150	85	12	0
Beaver Creek, Yukon	67	0	4	2	61	0
Bromont, Quebec	123	2	0	106	15	0
Buffalo Narrows, Saskatchewan	589	0	479	107	3	0
Burwash, Yukon	7	0	0	3	4	0
Cambridge Bay, Nunavut	344	83	233	2	26	0
Cape Dorset, Nunavut	94	0	94	0	0	0
Charlo, New Brunswick	102	2	41	40	19	0
Chesterfield Inlet, Nunavut	96	0	96	0	0	0
Chevery, Quebec	339	0	316	15	8	0
Chibougamau/Chapais, Quebec	447	10	334	79	24	0
Collingwood, Ontario	634	10	20	578	22	4
Comox, British Columbia	1,891	409	1,042	187	230	23
Coral Harbour, Nunavut	141	0	141	0	0	0
Dauphin, Manitoba	324	4	149	143	28	0
Dawson, Yukon	298	0	96	99	103	0
Dawson Creek, British Columbia	529	8	366	121	34	0
Déline, Northwest Territories	180	0	141	39	0	0
Digby, Nova Scotia	32	0	0	31	1	0
Digby Island, British Columbia	26	0	8	18	0	0
Drummondville, Quebec	379	2	6	315	54	2
Dryden Regional, Ontario	926	4	529	194	199	0
Elliot Lake Municipal, Ontario	351	0	217	107	27	0
Eureka, Nunavut	54	0	54	0	0	0
Faro, Yukon	31	0	2	2	27	0
Flin Flon, Manitoba	518	0	411	77	30	0
Fort Frances Municipal, Ontario	426	0	282	109	35	0
Fort Liard, Northwest Territories	81	0	12	27	42	0
Fort McPherson, Northwest Territories	108	0	108	0	0	0
Fort Resolution, Northwest Territories	27	0	21	6	0	0
Gamèt/Rae Lakes, Northwest Territories	97	0	97	0	0	0
Gaspé, Quebec	335	4	301	26	4	0
Geraldton, Ontario	593	0	451	24	118	0
Gillam, Manitoba	246	0	127	119	0	0
Gjoa Haven, Nunavut	154	4	149	0	1	0
Goose Bay, Newfoundland and Labrador	2,167	393	1,383	78	313	0
Grise Fiord, Nunavut	2	0	2	0	0	0
Hall Beach, Nunavut	140	0	122	2	16	0
Havre St-Pierre, Quebec	322	2	106	105	109	0
Hay River, Northwest Territories	485	0	336	145	4	0
Hearst/René Fontaine Municipal, Ontario	67	0	32	13	22	0
Igloolik, Nunavut	120	1	119	0	0	0
Inukjuak, Quebec	241	.	.	.	.	..
Island Lake, Manitoba	1,149	6	574	137	432	0
Ivujivik, Quebec	132	.	.	.	.	..
Kangiqsualujuaq, Quebec	111	.	.	.	.	..
Kangiqsujuaq, Quebec	158	.	.	.	.	..
Kapusking, Ontario	353	0	319	10	24	0
Kimmirut, Nunavut	56	0	56	0	0	0
Kugaaruk, Nunavut	134	4	107	2	21	0
Kugluktuk, Nunavut	262	86	166	2	8	0
Kuujuarapik, Quebec	551	12	527	0	12	0
Louderes-de-Blanc-Sablon, Quebec	601	2	515	51	33	0
Lutselk'e, Northwest Territories	142	0	104	38	0	0
Mayo, Yukon	90	0	6	54	30	0
Miramichi, New Brunswick	578	64	42	464	8	0
Moosonee, Ontario	1,810	0	775	327	708	0
Muskoka, Ontario	955	7	123	747	78	0
Nakina, Ontario	1,225	0	1,160	10	55	0
Nanisivik, Nunavut	40	0	38	2	0	0
Natashquan, Quebec	396	0	272	68	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	347	2	319	26	0	0
Old Crow, Yukon	158	0	131	14	13	0
Pabok, Quebec	37	4	30	3	0	0
Peterborough, Ontario	691	47	51	559	34	0
Pickle Lake, Ontario	1,595	0	1,483	50	62	0
Pond Inlet, Nunavut	86	0	79	3	4	0
Port-Menier, Quebec	114	0	32	82	0	0
Prince Rupert/Seal Cove, British Columbia	872	0	111	554	207	0
Puvirnituq, Quebec	364	.	.	.	.	..
Qikiqtarjuaq, Nunavut	75	0	62	1	12	0
Quaqtaq, Quebec	183	.	.	.	.	..
Quesnel, British Columbia	313	12	184	98	19	0
Red Lake, Ontario	1,920	0	1,154	752	14	0
Repulse Bay, Nunavut	100	0	100	0	0	0
Resolute Bay, Nunavut	412	12	360	37	3	0
Rimouski, Quebec	335	2	34	278	21	0
Roberval, Quebec	291	10	15	252	14	0
Salluit, Quebec	153	.	.	.	.	..
Sandspit, British Columbia	203	0	111	0	92	0
Sanikiluaq, Nunavut	117	0	115	2	0	0
Sherbrooke, Quebec	353	16	20	293	24	0
St. Anthony, Newfoundland and Labrador	435	2	353	10	70	0
St. Augustin, Quebec	190	0	149	31	0	10
St. Theresa Point, Manitoba	815	4	359	106	346	0
Stephenville, Newfoundland and Labrador	140	40	73	7	20	0
Stony Rapids, Saskatchewan	770	2	531	237	0	0
Sydney, Nova Scotia	517	26	317	129	45	0
Taloyoak, Nunavut	130	2	128	0	0	0
Tasiujaq, Quebec	124	.	.	.	.	..
Teslin, Yukon	6	0	0	6	0	0
The Pas, Manitoba	358	9	305	22	22	0
Tofino, British Columbia	364	20	59	149	136	0
Trois-Rivières, Quebec	1,065	15	27	937	84	2
Tuktoyaktuk, Northwest Territories	92	0	84	4	4	0
Tulita, Northwest Territories	147	0	79	68	0	0
Umiujaq, Quebec	130	.	.	.	.	..
Waskaganish, Quebec	261	0	217	41	3	0
Watson Lake, Yukon	112	2	25	33	52	0
Welland/Niagara Central, Ontario	67	4	0	63	0	0
Wemindji, Quebec	59	0	55	2	2	0
Whale Cove, Nunavut	111	0	111	0	0	0
Wrigley, Northwest Territories	8	0	2	6	0	0
Yorkton Municipal, Saskatchewan	363	12	76	242	33	0
<b>Total (111)</b>	<b>40,426</b>	<b>1,447</b>	<b>21,946</b>	<b>10,639</b>	<b>4,552</b>	<b>41</b>

**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	108	.	..	..	.	.	.	.
Amos Municipal, Quebec	130	92	0	28	0	2	8	0
Arviat, Nunavut	245	2	0	72	43	75	53	0
Aupaluk, Quebec	97	.	..	..	.	.	.	.
Baie-Comeau, Quebec	728	101	96	221	119	159	32	0
Baker Lake, Nunavut	368	0	26	107	36	93	98	8
Barrie-Orillia-Lake Simcoe Regional, Ontario	638	439	53	69	74	1	0	2
Bathurst, New Brunswick	253	41	54	40	4	109	5	0
Beaver Creek, Yukon	67	61	2	4	0	0	0	0
Bromont, Quebec	123	121	0	0	0	0	2	0
Buffalo Narrows, Saskatchewan	589	55	52	383	98	1	0	0
Burwash, Yukon	7	7	0	0	0	0	0	0
Cambridge Bay, Nunavut	344	4	0	129	24	42	83	62
Cape Dorset, Nunavut	94	0	0	22	4	28	40	0
Charlo, New Brunswick	102	29	30	41	0	0	2	0
Chesterfield Inlet, Nunavut	96	0	0	27	35	27	7	0
Chevery, Quebec	339	5	36	122	176	0	0	0
Chibougamau/Chapais, Quebec	447	54	62	210	20	93	8	0
Collingwood, Ontario	634	574	38	12	8	2	0	0
Comox, British Columbia	1,891	129	102	154	576	307	286	337
Coral Harbour, Nunavut	141	0	0	16	56	9	60	0
Dauphin, Manitoba	324	140	19	143	4	10	0	8
Dawson, Yukon	298	196	7	21	0	0	74	0
Dawson Creek, British Columbia	529	151	4	43	223	108	0	0
Déline, Northwest Territories	180	18	53	77	8	10	14	0
Digby, Nova Scotia	32	30	2	0	0	0	0	0
Digby Island, British Columbia	26	0	26	0	0	0	0	0
Drummondville, Quebec	379	357	12	8	0	2	0	0
Dryden Regional, Ontario	926	314	74	502	14	2	20	0
Elliot Lake Municipal, Ontario	351	119	103	115	0	12	2	0
Eureka, Nunavut	54	0	0	30	6	10	2	6
Faro, Yukon	31	27	2	0	2	0	0	0
Flin Flon, Manitoba	518	47	67	305	0	99	0	0
Fort Frances Municipal, Ontario	426	41	122	263	0	0	0	0
Fort Liard, Northwest Territories	81	39	17	25	0	0	0	0
Fort McPherson, Northwest Territories	108	0	1	27	0	0	80	0
Fort Resolution, Northwest Territories	27	2	8	5	2	0	10	0
Gamëti/Rae Lakes, Northwest Territories	97	0	42	55	0	0	0	0
Gaspé, Quebec	335	16	10	28	0	270	11	0
Geraldton, Ontario	593	119	108	117	236	13	0	0
Gillam, Manitoba	246	6	115	18	3	104	0	0
Gjoa Haven, Nunavut	154	0	0	23	7	42	82	0
Goose Bay, Newfoundland and Labrador	2,167	291	103	771	129	609	116	148
Grise Fiord, Nunavut	2	0	0	2	0	0	0	0
Hall Beach, Nunavut	140	0	2	40	3	32	63	0
Havre St-Pierre, Quebec	322	99	113	70	26	12	2	0
Hay River, Northwest Territories	485	41	38	89	118	90	109	0
Hearst/René Fontaine Municipal, Ontario	67	29	6	32	0	0	0	0
Igloolik, Nunavut	120	0	1	19	0	50	50	0
Inukjuak, Quebec	241	.	..	..	.	.	.	.
Island Lake, Manitoba	1,149	523	46	415	8	116	39	2
Ivujivik, Quebec	132	.	..	..	.	.	.	.
Kangiqsualujuaq, Quebec	111	.	..	..	.	.	.	.
Kangiqsujuaq, Quebec	158	.	..	..	.	.	.	.
Kapuskasing, Ontario	353	32	46	273	2	0	0	0
Kimmiut, Nunavut	56	0	0	54	2	0	0	0
Kugaaruk, Nunavut	134	23	0	45	2	26	36	2
Kugluktuk, Nunavut	262	10	0	24	15	12	130	71
Kuujuarapik, Quebec	551	12	0	275	2	78	184	0
Lourees-de-Blanc-Sablon, Quebec	601	12	86	223	147	131	2	0
Lutselk'e, Northwest Territories	142	6	103	25	2	0	6	0
Mayo, Yukon	90	78	6	6	0	0	0	0
Miramichi, New Brunswick	578	384	88	36	2	64	0	4
Moosonee, Ontario	1,810	740	255	489	158	126	42	0
Muskoka, Ontario	955	793	32	77	31	6	6	10
Nakina, Ontario	1,225	26	972	178	49	0	0	0
Nanisivik, Nunavut	40	0	0	3	0	2	35	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	396	99	61	147	87	0	0	2
Norway House, Manitoba	347	16	10	319	2	0	0	0
Old Crow, Yukon	158	27	0	7	0	0	124	0
Pabok, Quebec	37	0	3	6	0	24	4	0
Peterborough, Ontario	691	531	53	35	30	6	15	21
Pickle Lake, Ontario	1,595	79	836	189	97	44	350	0
Pond Inlet, Nunavut	86	2	3	28	0	19	34	0
Port-Menier, Quebec	114	0	82	24	8	0	0	0
Prince Rupert/Seal Cove, British Columbia	872	77	766	0	0	29	0	0
Puvirnituq, Quebec	364	.	..	..	.	.	.	.
Qikiqtarjuaq, Nunavut	75	7	5	5	0	20	38	0
Quaqtaq, Quebec	183	.	..	..	.	.	.	.
Quesnel, British Columbia	313	117	0	2	194	0	0	0
Red Lake, Ontario	1,920	368	714	574	185	14	53	12
Repulse Bay, Nunavut	100	0	0	15	42	2	41	0
Resolute Bay, Nunavut	412	7	0	211	16	77	77	24
Rimouski, Quebec	335	189	110	32	2	2	0	0
Roberval, Quebec	291	248	18	15	4	0	6	0
Salluit, Quebec	153	.	..	..	.	.	.	.
Sandspit, British Columbia	203	74	12	35	4	10	66	2
Sanikiluaq, Nunavut	117	0	2	55	22	16	22	0
Sherbrooke, Quebec	353	277	32	26	8	6	4	0
St. Anthony, Newfoundland and Labrador	435	6	83	106	73	167	0	0
St. Augustin, Quebec	190	30	17	53	90	0	0	0
St. Theresa Point, Manitoba	815	408	48	199	4	121	35	0
Stephenville, Newfoundland and Labrador	140	5	14	12	5	68	11	25
Stony Rapids, Saskatchewan	770	6	269	287	105	100	3	0
Sydney, Nova Scotia	517	87	70	37	10	291	8	14
Taloyoak, Nunavut	130	0	0	20	2	50	58	0
Tasiujaq, Quebec	124	.	..	..	.	.	.	.
Teslin, Yukon	6	6	0	0	0	0	0	0
The Pas, Manitoba	358	26	60	160	9	103	0	0
Tofino, British Columbia	364	118	129	75	10	6	10	16
Trois-Rivières, Quebec	1,065	979	42	12	16	7	1	8
Tuktoyaktuk, Northwest Territories	92	8	2	82	0	0	0	0
Tulita, Northwest Territories	147	41	64	32	0	2	8	0
Umiujaq, Quebec	130	.	..	..	.	.	.	.
Waskaganish, Quebec	261	17	27	22	16	179	0	0
Watson Lake, Yukon	112	79	2	12	13	2	2	2
Welland/Niagara Central, Ontario	67	46	17	0	0	4	0	0
Wemindji, Quebec	59	4	0	11	8	36	0	0
Whale Cove, Nunavut	111	0	0	28	35	25	23	0
Wrigley, Northwest Territories	8	6	2	0	0	0	0	0
Yorkton Municipal, Saskatchewan	363	194	70	81	14	4	0	0
<b>Total (111)</b>	<b>40,426</b>	<b>10,619</b>	<b>6,863</b>	<b>9,562</b>	<b>3,585</b>	<b>4,418</b>	<b>2,792</b>	<b>786</b>

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

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	200	200	0
Baie-Comeau, Quebec	50	50	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	1,828	1,828	0
Buffalo Narrows, Saskatchewan	10	10	0
Cambridge Bay, Nunavut	4	4	0
Collingwood, Ontario	120	120	0
Dauphin, Manitoba	32	32	0
Dawson, Yukon	6	6	0
Dawson Creek, British Columbia	58	58	0
Digby, Nova Scotia	124	124	0
Drummondville, Quebec	204	204	0
Dryden Regional, Ontario	65	65	0
Elliot Lake Municipal, Ontario	140	140	0
Flin Flon, Manitoba	10	10	0
Geraldton, Ontario	8	8	0
Gjoa Haven, Nunavut	1	1	0
Guelph, Ontario	2,275	2,275	0
Havre St-Pierre, Quebec	6	6	0
Hay River, Northwest Territories	6	6	0
Island Lake, Manitoba	16	16	0
Kangiqsujuaq, Quebec	17	.	.
Kapuskasing, Ontario	158	158	0
Kugaaruk, Nunavut	3	3	0
Kugluktuk, Nunavut	1	1	0
Lourdes-de-Blanc-Sablon, Quebec	4	4	0
Mayo, Yukon	1	1	0
Moosonee, Ontario	387	387	0
Muskoka, Ontario	332	332	0
Nakina, Ontario	2	2	0
Natashquan, Quebec	10	10	0
Peterborough, Ontario	1,505	1,485	20
Pickle Lake, Ontario	22	22	0
Prince Rupert/Seal Cove, British Columbia	8	8	0
Quaqtaq, Quebec	14	.	.
Quesnel, British Columbia	18	18	0
Red Lake, Ontario	134	82	52
Rimouski, Quebec	70	70	0
Roberval, Quebec	60	60	0
Sherbrooke, Quebec	772	772	0
St. Theresa Point, Manitoba	2	2	0
The Pas, Manitoba	16	16	0
Tofino, British Columbia	26	0	26
Trois-Rivières, Quebec	1,185	1,182	3
Waskaganish, Quebec	82	82	0
Welland/Niagara Central, Ontario	1,997	1,997	0
Yorkton Municipal, Saskatchewan	156	154	2
<b>Total (46)</b>	<b>12,145</b>	<b>12,011</b>	<b>103</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 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

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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 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

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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
Kangiqsualujjuaq	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 March, 2009 but were not available in March, 2010:

- Aklavik, Northwest Territories
- Clyde River, Nunavut
- Eastmain River, Quebec
- Fort Simpson, Northwest Territories
- Fort Smith, Northwest Territories
- Pangnirtung, Nunavut
- Ulukhakot/Holman, Northwest Territories

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

- Collingwood, Ontario
- Fort McPherson, Northwest Territories
- Miramichi, New Brunswick
- Port-Menier, Quebec
- Wrigley, Northwest Territories



## 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-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.