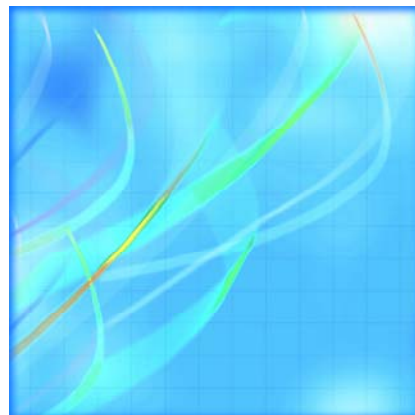


# Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



June 2013



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Statistics Canada  
Transportation Division

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

June 2013

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*Canada owes the success of its statistical system to a long-standing partnership between Statistics Canada, the citizens of Canada, its businesses, governments and other institutions. Accurate and timely statistical information could not be produced without their continued cooperation and goodwill.*

# User information

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## Symbols

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 **Antoine Rose**, Assistant 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

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Goose Bay, Newfoundland and Labrador (3,320 movements) reported the greatest number of itinerant movements in June 2013.

In June 2013, Barrie-Orillia-Lake Simcoe Regional, Ontario (1,633 movements) reported the largest number of local movements. This represented 15.3% of the total local reported movements registered by 57 airports without air traffic control towers.

## Analysis

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In June 2013, the number of take-offs and landings for 130 airports without air traffic control towers reached 64,448 movements. Goose Bay, Newfoundland and Labrador (3,320 movements) and Peterborough, Ontario (2,485 movements) were the most active sites. Of the 128 airports for which year-over-year comparisons were possible, 65 airports reported increases.

There were 50,820 itinerant movements (flights from one airport to another) recorded by 111 airports without air traffic control towers in June 2013. Goose Bay, Newfoundland and Labrador (3,320 movements) reported the greatest number of itinerant movements in June 2013.

Fifty-seven airports without air traffic control towers reported 10,700 local movements (flights that remain in the vicinity of the airport) in June 2013. Barrie-Orillia-Lake Simcoe Regional, Ontario, the most active site, recorded 1,633 take-offs and landings, up 24.5% from June 2012. These movements represented 15.3% 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



401-0018	Itinerant movements, by type of power plant, airports with NAV CANADA flight service stations, monthly
401-0019	Itinerant movements, by aircraft gross take-off weight, airports with NAV CANADA flight service stations, monthly
401-0020	Domestic and international itinerant movements, by type of operation, airports with NAV CANADA flight service stations, monthly
401-0021	Monthly aircraft movements, by class of operation and type of operation, airports without air traffic control towers
401-0022	Monthly itinerant movements, by weight group and type of power plant, airports without air traffic control towers
401-0023	Aircraft movements, by class of operation, airports with NAV CANADA towers, annual
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401-0035	Itinerant movements, by aircraft gross take-off weight, airports with NAV CANADA flight service stations, annual
401-0036	Domestic and international itinerant movements, by type of operation, airports with NAV CANADA flight service stations, annual
401-0037	Annual aircraft movements, by class of operation and type of operation, airports without air traffic control towers
401-0038	Annual itinerant movements, by weight group and type of power plant, airports without air traffic control towers

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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	.	160	160	0
Amos Municipal, Quebec	30	383	144	239
Arctic Bay, Nunavut	20	72	67	5
Arviat, Nunavut	29	263	263	0
Aupaluk, Quebec	.	253	128	125
Baie-Comeau, Quebec	30	1,552	1,522	30
Baker Lake, Nunavut	30	412	412	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	30	2,443	810	1,633
Bathurst, New Brunswick	30	424	424	0
Beaver Creek, Yukon	1	2	2	0
Berens River, Manitoba	..	278	..	..
Bloodvein River, Manitoba	..	128	..	..
Brochet, Manitoba	..	78	..	..
Buffalo Narrows, Saskatchewan	29	683	677	6
Burwash, Yukon	17	99	99	0
Cambridge Bay, Nunavut	30	552	494	58
Cape Dorset, Nunavut	20	86	86	0
Charlo, New Brunswick	28	225	225	0
Chesterfield Inlet, Nunavut	30	221	221	0
Chevery, Quebec	25	296	296	0
Chibougamau/Chapais, Quebec	30	1,080	1,054	26
Clyde River, Nunavut	26	158	158	0
Collingwood, Ontario	30	886	692	194
Comox, British Columbia	30	1,569	1,569	0
Coral Harbour, Nunavut	30	215	212	3
Cross Lake, Manitoba	..	128	..	..
Dauphin, Manitoba	27	430	392	38
Dawson, Yukon	30	1,214	1,213	1
Dawson Creek, British Columbia	30	1,060	806	254
Déline, Northwest Territories	27	153	153	0
Digby, Nova Scotia	14	63	49	14
Drummondville, Quebec	30	1,027	465	562
Dryden Regional, Ontario	30	1,271	1,143	128
Eastmain River, Quebec	26	128	121	7
Elliot Lake Municipal, Ontario	29	423	323	100
Eureka, Nunavut	29	230	230	0
Faro, Yukon	29	284	284	0
Flin Flon, Manitoba	30	579	549	30
Fort Frances Municipal, Ontario	30	622	622	0
Fort Liard, Northwest Territories	15	99	99	0
Fort McPherson, Northwest Territories	17	112	112	0
Fort Resolution, Northwest Territories	8	19	19	0
Fort Smith, Northwest Territories	30	1,134	1,134	0
Gamëti/Rae Lakes, Northwest Territories	27	125	125	0
Gaspé, Quebec	30	451	403	48
Geraldton, Ontario	30	473	427	46
Gillam, Manitoba	30	479	479	0
Gjoa Haven, Nunavut	24	145	135	10
Gods Lake Narrows, Manitoba	..	251	..	..
Gods River, Manitoba	..	126	..	..
Goose Bay, Newfoundland and Labrador	30	3,320	3,320	0
Grise Fiord, Nunavut	17	36	36	0
Havre St-Pierre, Quebec	30	555	535	20
Hay River, Northwest Territories	30	712	696	16
Hearst/René Fontaine Municipal, Ontario	28	135	135	0
Igloolik, Nunavut	26	116	116	0
Ilford, Manitoba	..	465	..	..
Inukjuak, Quebec	..	220	220	0
Island Lake, Manitoba	30	1,017	1,005	12
Ivujivik, Quebec	.	69	69	0
Kangiqsualujuaq, Quebec	.	67	67	0
Kangirsuk, Quebec	.	206	206	0
Kapusking, Ontario	30	471	364	107
Kimmirut, Nunavut	11	38	38	0
Kugaaruk, Nunavut	29	173	165	8
Kugluktuk, Nunavut	30	361	323	38
Kuujuarapik, Quebec	30	441	439	2
Lac Brochet, Manitoba	..	140	..	..

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	..	186	..	..
Lourdes-de-Blanc-Sablon, Quebec	30	489	451	38
Lutsel'k'e, Northwest Territories	24	172	172	0
Mayo, Yukon	30	1,177	1,074	103
Miramichi, New Brunswick	28	427	427	0
Moosonee, Ontario	30	1,454	1,438	16
Muskoka, Ontario	30	1,400	1,052	348
Nakina, Ontario	30	489	485	4
Natashquan, Quebec	30	253	249	4
Norway House, Manitoba	24	237	223	14
Oxford House, Manitoba	..	248	..	..
Pabok, Quebec	21	50	50	0
Pangnirtung, Nunavut	30	187	187	0
Peterborough, Ontario	30	2,485	859	1,626
Pickle Lake, Ontario	30	1,784	1,766	18
Pikwitonei, Manitoba	..	8	..	..
Pond Inlet, Nunavut	24	107	107	0
Poplar River, Manitoba	..	232	..	..
Port-Menier, Quebec	18	129	129	0
Prince Rupert/Digby Island, British Columbia	23	317	317	0
Prince Rupert/Seal Cove, British Columbia	30	876	876	0
Pukatawagan, Manitoba	..	192	..	..
Puvirnituq, Quebec	..	446	446	0
Qikiqtarjuaq, Nunavut	24	148	132	16
Quaqtaq, Quebec	..	105	90	15
Quesnel, British Columbia	30	462	414	48
Red Lake, Ontario	30	2,388	2,232	156
Red Sucker Lake, Manitoba	..	148	..	..
Repulse Bay, Nunavut	28	120	116	4
Resolute Bay, Nunavut	29	210	210	0
Rimouski, Quebec	25	316	248	68
Roberval, Quebec	30	555	441	114
Salluit, Quebec	..	174	170	4
Sandspit, British Columbia	30	893	723	170
Sanikiluaq, Nunavut	23	147	147	0
Shamattawa, Manitoba	..	168	..	..
Sherbrooke, Quebec	30	1,495	553	942
South Indian Lake, Manitoba	..	56	..	..
St. Anthony, Newfoundland and Labrador	30	289	289	0
St-Augustin, Quebec	12	97	97	0
St. Theresa Point, Manitoba	30	603	597	6
Stephenville, Newfoundland and Labrador	25	143	143	0
Stony Rapids, Saskatchewan	30	989	989	0
Sydney, Nova Scotia	30	827	727	100
Tadoule Lake, Manitoba	..	42	..	..
Taloyoak, Nunavut	29	160	160	0
Tasiujaq, Quebec	..	119	119	0
Teslin, Yukon	13	85	85	0
The Pas, Manitoba	30	443	383	60
Thicket Portage, Manitoba	..	7	..	..
Tillsonburg, Ontario	..	1,794	650	1,144
Tofino, British Columbia	30	607	563	44
Trois-Rivières, Quebec	30	2,028	958	1,070
Tulita, Northwest Territories	20	228	228	0
Umiujaq, Quebec	..	182	170	12
Waskaganish, Quebec	23	288	190	98
Watson Lake, Yukon	30	728	728	0
Wemindji, Quebec	8	44	44	0
Whale Cove, Nunavut	25	132	132	0
Wrigley, Northwest Territories	18	99	99	0
York Landing, Manitoba	..	47	..	..
Yorkton Municipal, Saskatchewan	30	1,651	953	698
<b>Total (130)</b>	<b>30</b>	<b>64,448</b>	<b>50,820</b>	<b>10,700</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	160	.	.	.	0	0	0	.	.	
Amos Municipal, Quebec	144	69	7	54	0	0	0	14	0	
Arctic Bay, Nunavut	67	60	1	0	0	0	0	0	6	
Arviat, Nunavut	263	254	0	5	0	0	0	4	0	
Aupaluk, Quebec	128	.	.	.	.	.	.	.	.	
Baie-Comeau, Quebec	1,522	954	311	136	3	0	0	114	4	
Baker Lake, Nunavut	412	404	0	4	0	0	0	4	0	
Barrie-Orillia-Lake Simcoe Regional, Ontario	810	285	46	368	8	0	18	65	20	
Bathurst, New Brunswick	424	306	4	46	0	0	0	64	4	
Beaver Creek, Yukon	2	2	0	0	0	0	0	0	0	
Buffalo Narrows, Saskatchewan	677	514	13	102	0	0	0	48	0	
Burwash, Yukon	99	93	0	3	0	0	3	0	0	
Cambridge Bay, Nunavut	494	458	2	16	0	0	0	4	14	
Cape Dorset, Nunavut	86	84	2	0	0	0	0	0	0	
Charlo, New Brunswick	225	90	35	54	0	1	33	4	8	
Chesterfield Inlet, Nunavut	221	206	0	1	0	0	0	10	4	
Chevery, Quebec	296	268	28	0	0	0	0	0	0	
Chibougamau/Chapais, Quebec	1,054	869	14	89	0	0	0	82	0	
Clyde River, Nunavut	158	156	1	0	0	1	0	0	0	
Collingwood, Ontario	692	57	80	551	0	0	0	4	0	
Comox, British Columbia	1,569	933	1	18	0	0	1	26	590	
Coral Harbour, Nunavut	212	207	0	4	0	0	0	0	1	
Dauphin, Manitoba	392	102	155	68	0	0	1	64	2	
Dawson, Yukon	1,213	756	127	265	13	0	19	19	14	
Dawson Creek, British Columbia	806	312	84	387	0	0	1	14	8	
Déline, Northwest Territories	153	146	0	2	0	0	0	5	0	
Digby, Nova Scotia	49	12	0	35	0	0	0	2	0	
Drummondville, Quebec	465	95	16	339	0	0	5	4	6	
Dryden Regional, Ontario	1,143	539	298	96	2	0	6	188	14	
Eastmain River, Quebec	121	121	0	0	0	0	0	0	0	
Elliot Lake Municipal, Ontario	323	207	52	49	0	0	0	13	2	
Eureka, Nunavut	230	96	0	1	0	0	0	0	133	
Faro, Yukon	284	280	1	3	0	0	0	0	0	
Flin Flon, Manitoba	549	385	17	55	0	1	11	80	0	
Fort Frances Municipal, Ontario	622	338	31	163	0	3	77	8	2	
Fort Liard, Northwest Territories	99	99	0	0	0	0	0	0	0	
Fort McPherson, Northwest Territories	112	108	0	0	0	0	0	4	0	
Fort Resolution, Northwest Territories	19	19	0	0	0	0	0	0	0	
Fort Smith, Northwest Territories	1,134	860	6	80	0	0	0	188	0	
Gamèti/Rae Lakes, Northwest Territories	125	119	0	0	0	0	0	6	0	
Gaspé, Quebec	403	334	10	19	0	0	0	36	4	
Geraldton, Ontario	427	146	206	32	0	1	0	38	4	
Gillam, Manitoba	479	346	105	28	0	0	0	0	0	
Gjoa Haven, Nunavut	135	130	3	0	0	0	0	2	0	
Goose Bay, Newfoundland and Labrador	3,320	2,340	110	120	105	38	225	200	182	
Grise Fiord, Nunavut	36	28	0	0	0	0	0	0	8	
Havre St-Pierre, Quebec	535	422	7	45	0	0	3	36	22	
Hay River, Northwest Territories	696	578	9	44	0	0	0	63	2	
Hearst/René Fontaine Municipal, Ontario	135	108	2	7	0	0	0	16	2	
Igloolik, Nunavut	116	113	3	0	0	0	0	0	0	
Inukjuak, Quebec	220	.	.	.	.	.	.	.	.	
Island Lake, Manitoba	1,005	981	0	10	0	0	0	14	0	
Ivujivik, Quebec	69	.	.	.	.	.	.	.	.	
Kangiqsualujuaq, Quebec	67	.	.	.	.	.	.	.	.	
Kangirsuk, Quebec	206	.	.	.	.	.	.	.	.	
Kapuskasing, Ontario	364	274	44	0	0	0	0	2	44	
Kimirut, Nunavut	38	36	0	0	0	0	0	2	0	
Kugaaruk, Nunavut	165	160	0	0	1	0	0	0	4	
Kugluktuk, Nunavut	323	306	8	5	0	0	0	4	0	
Kuujuarapik, Quebec	439	431	0	6	0	0	0	2	0	
Lourdes-de-Blanc-Sablon, Quebec	451	393	8	16	2	0	0	32	0	
Lutsel'k'e, Northwest Territories	172	156	0	2	8	0	0	6	0	
Mayo, Yukon	1,074	1,016	11	27	0	0	1	9	10	
Miramichi, New Brunswick	427	218	9	174	1	0	7	12	6	
Moosonee, Ontario	1,438	1,261	3	55	1	0	0	112	6	
Muskoka, Ontario	1,052	382	79	504	16	0	38	21	12	
Nakina, Ontario	485	477	0	8	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	249	206	2	35	0	0	0	6	0
Norway House, Manitoba	223	204	0	6	0	0	0	12	1
Pabok, Quebec	50	12	2	6	0	0	0	30	0
Pangnirtung, Nunavut	187	168	8	3	7	0	0	1	0
Peterborough, Ontario	859	194	153	464	0	0	0	14	34
Pickle Lake, Ontario	1,766	1,416	152	44	0	0	0	152	2
Pond Inlet, Nunavut	107	102	5	0	0	0	0	0	0
Port-Menier, Quebec	129	124	2	1	0	0	0	2	0
Prince Rupert/Digby Island, British Columbia	317	317	0	0	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	876	784	0	37	0	0	4	51	0
Puvirnituq, Quebec	446	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	132	91	41	0	0	0	0	0	0
Quaqtaq, Quebec	90	.	.	.	.	.	.	.	.
Quesnel, British Columbia	414	206	40	166	0	0	2	0	0
Red Lake, Ontario	2,232	1,990	59	90	0	0	19	74	0
Repulse Bay, Nunavut	116	112	0	2	0	0	0	2	0
Resolute Bay, Nunavut	210	181	2	0	0	0	0	2	25
Rimouski, Quebec	248	113	15	108	0	0	0	12	0
Roberval, Quebec	441	292	19	98	1	0	0	27	4
Salluit, Quebec	170	.	.	.	.	.	.	.	.
Sandspit, British Columbia	723	656	1	38	0	0	2	24	2
Sanikiluaq, Nunavut	147	138	0	5	0	0	0	4	0
Sherbrooke, Quebec	553	67	50	417	2	0	6	4	7
St. Anthony, Newfoundland and Labrador	289	202	7	18	1	0	0	57	4
St-Augustin, Quebec	97	90	4	3	0	0	0	0	0
St. Theresa Point, Manitoba	597	591	0	4	0	0	0	2	0
Stephenville, Newfoundland and Labrador	143	89	1	4	12	1	15	15	6
Stony Rapids, Saskatchewan	989	916	2	45	0	0	2	24	0
Sydney, Nova Scotia	727	654	1	36	2	3	8	17	6
Taloyoak, Nunavut	160	124	34	0	0	0	0	2	0
Tasiujaq, Quebec	119	.	.	.	.	.	.	.	.
Teslin, Yukon	85	2	0	79	0	0	4	0	0
The Pas, Manitoba	383	272	12	22	2	0	0	75	0
Tillsonburg, Ontario	650	..	..	..	..	..	..	..	..
Tofino, British Columbia	563	379	12	119	6	0	9	32	6
Trois-Rivières, Quebec	958	487	23	381	0	0	0	2	65
Tulita, Northwest Territories	228	226	0	0	0	0	0	2	0
Umiujaq, Quebec	170	.	.	.	.	.	.	.	.
Waskaganish, Quebec	190	181	0	9	0	0	0	0	0
Watson Lake, Yukon	728	298	9	373	0	0	4	18	26
Wemindji, Quebec	44	44	0	0	0	0	0	0	0
Whale Cove, Nunavut	132	130	2	0	0	0	0	0	0
Wrigley, Northwest Territories	99	98	0	1	0	0	0	0	0
Yorkton Municipal, Saskatchewan	953	544	107	252	0	0	3	7	40
<b>Total (111)</b>	<b>50,820</b>	<b>34,199</b>	<b>2,714</b>	<b>6,962</b>	<b>193</b>	<b>49</b>	<b>527</b>	<b>2,315</b>	<b>1,366</b>

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

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
number						
Akulivik, Quebec	160	.	.	.	.	..
Amos Municipal, Quebec	144	18	42	63	21	0
Arctic Bay, Nunavut	67	0	59	0	8	0
Arviat, Nunavut	263	0	252	3	8	0
Aupaluk, Quebec	128	.	.	.	.	..
Baie-Comeau, Quebec	1,522	39	914	446	123	0
Baker Lake, Nunavut	412	0	305	21	86	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	810	38	148	492	132	0
Bathurst, New Brunswick	424	4	364	48	8	0
Beaver Creek, Yukon	2	0	2	0	0	0
Buffalo Narrows, Saskatchewan	677	0	480	167	30	0
Burwash, Yukon	99	2	2	63	32	0
Cambridge Bay, Nunavut	494	44	287	22	141	0
Cape Dorset, Nunavut	86	0	85	0	1	0
Charlo, New Brunswick	225	41	103	67	12	2
Chesterfield Inlet, Nunavut	221	0	211	0	10	0
Chevery, Quebec	296	0	278	2	16	0
Chibougamau/Chapais, Quebec	1,054	15	557	283	199	0
Clyde River, Nunavut	158	0	156	2	0	0
Collingwood, Ontario	692	2	35	625	30	0
Comox, British Columbia	1,569	294	825	233	173	44
Coral Harbour, Nunavut	212	0	201	1	10	0
Dauphin, Manitoba	392	7	140	230	15	0
Dawson, Yukon	1,213	6	301	408	498	0
Dawson Creek, British Columbia	806	21	252	451	82	0
Déline, Northwest Territories	153	0	109	34	10	0
Digby, Nova Scotia	49	0	2	40	5	2
Drummondville, Quebec	465	2	8	371	82	2
Dryden Regional, Ontario	1,143	7	504	429	203	0
Eastmain River, Quebec	121	0	113	8	0	0
Elliot Lake Municipal, Ontario	323	0	192	102	29	0
Eureka, Nunavut	230	0	98	0	132	0
Faro, Yukon	284	0	6	28	250	0
Flin Flon, Manitoba	549	20	401	106	22	0
Fort Frances Municipal, Ontario	622	25	319	264	14	0
Fort Liard, Northwest Territories	99	0	8	23	68	0
Fort McPherson, Northwest Territories	112	0	106	1	5	0
Fort Resolution, Northwest Territories	19	0	19	0	0	0
Fort Smith, Northwest Territories	1,134	6	460	427	241	0
Gamëti/Rae Lakes, Northwest Territories	125	0	109	4	12	0
Gaspé, Quebec	403	11	300	88	4	0
Geraldton, Ontario	427	2	184	212	29	0
Gillam, Manitoba	479	0	222	249	8	0
Gjoa Haven, Nunavut	135	0	111	0	24	0
Goose Bay, Newfoundland and Labrador	3,320	493	2,044	78	705	0
Grise Fiord, Nunavut	36	0	32	0	4	0
Havre St-Pierre, Quebec	535	30	182	165	158	0
Hay River, Northwest Territories	696	0	407	263	26	0
Hearst/René Fontaine Municipal, Ontario	135	0	88	9	38	0
Igloodik, Nunavut	116	0	110	2	4	0
Inukjuak, Quebec	220	.	.	.	.	..
Island Lake, Manitoba	1,005	2	604	102	297	0
Ivujivik, Quebec	69	.	.	.	.	..
Kangiqsualujuaq, Quebec	67	.	.	.	.	..
Kangirsuk, Quebec	206	.	.	.	.	..
Kapuskasing, Ontario	364	0	330	2	32	0
Kimirut, Nunavut	38	0	38	0	0	0
Kugaaruk, Nunavut	165	4	114	0	47	0
Kugluktuk, Nunavut	323	40	251	9	21	2
Kuujuarapik, Quebec	439	2	421	10	6	0
Lourdes-de-Blanc-Sablon, Quebec	451	2	401	34	14	0
Lutselk'e, Northwest Territories	172	0	119	18	35	0
Mayo, Yukon	1,074	0	248	177	649	0
Miramichi, New Brunswick	427	32	173	174	48	0
Moosonee, Ontario	1,438	4	904	315	215	0
Muskoka, Ontario	1,052	57	195	736	64	0
Nakina, Ontario	485	0	441	2	42	0
Natashquan, Quebec	249	0	177	10	62	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	223	0	189	20	14	0
Pabok, Quebec	50	4	36	10	0	0
Pangnirtung, Nunavut	187	0	176	2	9	0
Peterborough, Ontario	859	53	38	729	39	0
Pickle Lake, Ontario	1,766	0	1,469	158	139	0
Pond Inlet, Nunavut	107	0	91	0	16	0
Port-Menier, Quebec	129	1	44	84	0	0
Prince Rupert/Digby Island, British Columbia	317	0	0	317	0	0
Prince Rupert/Seal Cove, British Columbia	876	0	0	672	204	0
Puvirnituq, Quebec	446	.	.	.	.	.
Qikiqtarjuaq, Nunavut	132	0	80	0	52	0
Quaqtaq, Quebec	90	.	.	.	.	.
Quesnel, British Columbia	414	24	174	189	27	0
Red Lake, Ontario	2,232	13	1,636	555	28	0
Repulse Bay, Nunavut	116	0	110	0	6	0
Resolute Bay, Nunavut	210	0	199	2	9	0
Rimouski, Quebec	248	10	89	123	26	0
Roberval, Quebec	441	2	170	193	76	0
Salluit, Quebec	170	.	.	.	.	.
Sandspit, British Columbia	723	47	146	10	520	0
Sanikiluaq, Nunavut	147	0	146	1	0	0
Sherbrooke, Quebec	553	13	13	485	40	2
St. Anthony, Newfoundland and Labrador	289	12	258	8	11	0
St-Augustin, Quebec	97	0	91	1	4	1
St. Theresa Point, Manitoba	597	2	407	120	68	0
Stephenville, Newfoundland and Labrador	143	39	91	6	7	0
Stony Rapids, Saskatchewan	989	14	730	188	57	0
Sydney, Nova Scotia	727	217	414	55	36	5
Taloyoak, Nunavut	160	0	116	0	44	0
Tasiujaq, Quebec	119	.	.	.	.	.
Teslin, Yukon	85	2	2	77	4	0
The Pas, Manitoba	383	10	220	112	41	0
Tillsonburg, Ontario	650	.	.	.	.	.
Tofino, British Columbia	563	18	113	347	85	0
Trois-Rivières, Quebec	958	75	13	770	96	4
Tulita, Northwest Territories	228	0	97	111	20	0
Umiujaq, Quebec	170	.	.	.	.	.
Waskaganish, Quebec	190	0	166	23	1	0
Watson Lake, Yukon	728	8	91	461	168	0
Wemindji, Quebec	44	0	44	0	0	0
Whale Cove, Nunavut	132	0	132	0	0	0
Wrigley, Northwest Territories	99	0	4	28	67	0
Yorkton Municipal, Saskatchewan	953	24	151	647	131	0
<b>Total (111)</b>	<b>50,820</b>	<b>1,858</b>	<b>24,495</b>	<b>14,623</b>	<b>7,285</b>	<b>64</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	160	.	..	..	.	.	.	0
Amos Municipal, Quebec	144	68	20	36	4	2	14	0
Arctic Bay, Nunavut	67	2	0	9	1	39	16	0
Arviat, Nunavut	263	7	2	28	0	0	226	0
Aupaluk, Quebec	128	.	..	..	.	.	.	0
Baie-Comeau, Quebec	1,522	217	424	429	141	179	132	0
Baker Lake, Nunavut	412	82	23	37	10	0	260	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	810	549	57	169	16	6	1	12
Bathurst, New Brunswick	424	29	64	74	142	7	108	0
Beaver Creek, Yukon	2	0	0	2	0	0	0	0
Buffalo Narrows, Saskatchewan	677	106	103	366	92	0	10	0
Burwash, Yukon	99	93	0	2	2	0	0	2
Cambridge Bay, Nunavut	494	26	11	226	13	67	108	43
Cape Dorset, Nunavut	86	1	0	13	16	54	2	0
Charlo, New Brunswick	225	58	19	55	11	73	5	4
Chesterfield Inlet, Nunavut	221	2	0	17	0	1	201	0
Chevery, Quebec	296	16	2	102	168	4	4	0
Chibougamau/Chapais, Quebec	1,054	364	129	196	65	168	132	0
Clyde River, Nunavut	158	2	0	16	8	62	70	0
Collingwood, Ontario	692	640	40	4	2	0	4	2
Comox, British Columbia	1,569	222	82	55	512	270	164	264
Coral Harbour, Nunavut	212	10	1	50	4	114	33	0
Dauphin, Manitoba	392	109	131	145	4	2	1	0
Dawson, Yukon	1,213	828	48	70	108	12	123	24
Dawson Creek, British Columbia	806	468	42	91	97	60	48	0
Déline, Northwest Territories	153	16	24	35	53	0	25	0
Digby, Nova Scotia	49	35	12	2	0	0	0	0
Drummondville, Quebec	465	403	46	12	0	4	0	0
Dryden Regional, Ontario	1,143	263	308	501	15	0	44	12
Eastmain River, Quebec	121	0	8	16	13	73	11	0
Elliot Lake Municipal, Ontario	323	119	16	172	4	8	2	2
Eureka, Nunavut	230	50	0	164	2	0	2	12
Faro, Yukon	284	248	14	22	0	0	0	0
Flin Flon, Manitoba	549	56	65	295	18	10	105	0
Fort Frances Municipal, Ontario	622	164	140	284	28	0	6	0
Fort Liard, Northwest Territories	99	76	12	11	0	0	0	0
Fort McPherson, Northwest Territories	112	5	3	16	2	0	86	0
Fort Resolution, Northwest Territories	19	0	2	15	2	0	0	0
Fort Smith, Northwest Territories	1,134	482	116	118	268	0	124	26
Gamèti/Rae Lakes, Northwest Territories	125	12	52	35	22	0	4	0
Gaspé, Quebec	403	43	47	36	4	141	130	2
Geraldton, Ontario	427	35	224	132	8	0	28	0
Gillam, Manitoba	479	37	218	10	100	16	98	0
Gjoa Haven, Nunavut	135	19	0	25	0	38	50	3
Goose Bay, Newfoundland and Labrador	3,320	409	421	942	551	539	380	78
Grise Fiord, Nunavut	36	0	0	36	0	0	0	0
Havre St-Pierre, Quebec	535	154	182	59	24	33	83	0
Hay River, Northwest Territories	696	87	149	89	137	105	128	1
Hearst/René Fontaine Municipal, Ontario	135	11	16	104	2	0	2	0
Igloolik, Nunavut	116	6	0	16	22	35	37	0
Inukjuak, Quebec	220	.	..	..	.	.	.	0
Island Lake, Manitoba	1,005	363	84	361	4	152	41	0
Ivujivik, Quebec	69	.	..	..	.	.	.	0
Kangiqsualujuaq, Quebec	67	.	..	..	.	.	.	0
Kangirsuk, Quebec	206	.	..	..	.	.	.	0
Kapuskasing, Ontario	364	22	2	306	6	28	0	0
Kimirut, Nunavut	38	0	0	38	0	0	0	0
Kugaaruk, Nunavut	165	0	0	53	4	52	56	0
Kugluktuk, Nunavut	323	25	40	33	10	82	93	40
Kuujuarapik, Quebec	439	6	10	191	0	42	190	0
Lourdes-de-Blanc-Sablon, Quebec	451	21	30	154	122	106	18	0
Lutselk'e, Northwest Territories	172	50	57	49	10	1	5	0
Mayo, Yukon	1,074	634	326	86	10	10	8	0
Miramichi, New Brunswick	427	137	164	45	39	26	6	10
Moosonee, Ontario	1,438	371	164	584	148	121	50	0
Muskoka, Ontario	1,052	752	51	129	65	34	11	10
Nakina, Ontario	485	40	272	112	24	37	0	0

Table 2-3 – continued

Itinerant movements by aircraft weight groups

	Total itinerant movements	Gross take-off weight in kilograms						
		2,000 and under	2,001 to 4,000	4,001 to 5,670	5,671 to 9,000	9,001 to 18,000	18,001 to 35,000	35,001 and over
		number						
Natashquan, Quebec	249	60	14	83	90	0	2	0
Norway House, Manitoba	223	22	12	183	5	0	0	1
Pabok, Quebec	50	4	6	6	0	26	8	0
Pangnirtung, Nunavut	187	6	0	32	0	57	92	0
Peterborough, Ontario	859	700	51	34	25	11	14	24
Pickle Lake, Ontario	1,766	121	802	382	92	76	293	0
Pond Inlet, Nunavut	107	16	0	29	10	21	31	0
Port-Menier, Quebec	129	0	84	22	18	5	0	0
Prince Rupert/Digby Island, British Columbia	317	0	317	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	876	137	679	60	0	0	0	0
Puvirnituq, Quebec	446	.	..	..	.	.	.	.
Qikiqtarjuaq, Nunavut	132	41	0	31	2	18	40	0
Quaqaq, Quebec	90	.	..	..	.	.	.	.
Quesnel, British Columbia	414	198	16	8	188	2	0	2
Red Lake, Ontario	2,232	229	1,069	525	241	12	156	0
Repulse Bay, Nunavut	116	4	0	11	2	0	99	0
Resolute Bay, Nunavut	210	9	0	100	6	2	80	13
Rimouski, Quebec	248	125	22	69	8	6	12	6
Roberval, Quebec	441	205	80	80	53	0	23	0
Salluit, Quebec	170	.	..	..	.	.	.	.
Sandspit, British Columbia	723	214	10	344	28	9	102	16
Sanikiluaq, Nunavut	147	1	0	69	16	1	60	0
Sherbrooke, Quebec	553	490	32	10	6	2	7	6
St. Anthony, Newfoundland and Labrador	289	1	21	63	52	142	10	0
St-Augustin, Quebec	97	3	3	31	58	0	2	0
St. Theresa Point, Manitoba	597	157	82	155	4	132	67	0
Stephenville, Newfoundland and Labrador	143	4	9	41	11	48	10	20
Stony Rapids, Saskatchewan	989	61	184	397	219	114	12	2
Sydney, Nova Scotia	727	66	63	38	4	333	86	137
Taloyoak, Nunavut	160	42	0	8	0	74	36	0
Tasiujaq, Quebec	119	.	..	..	.	.	.	.
Teslin, Yukon	85	81	2	0	0	0	2	0
The Pas, Manitoba	383	45	76	155	6	7	94	0
Tillsonburg, Ontario	650	.	..	..	..	..	..	..
Tofino, British Columbia	563	168	240	60	52	29	14	0
Trois-Rivières, Quebec	958	842	86	4	6	2	7	11
Tulita, Northwest Territories	228	88	50	60	2	0	28	0
Umiujaq, Quebec	170	.	..	..	.	.	.	.
Waskaganish, Quebec	190	11	13	4	14	121	27	0
Watson Lake, Yukon	728	519	69	54	58	26	0	2
Wemindji, Quebec	44	0	0	7	8	25	4	0
Whale Cove, Nunavut	132	0	0	7	2	113	10	0
Wrigley, Northwest Territories	99	81	14	2	2	0	0	0
Yorkton Municipal, Saskatchewan	953	557	245	115	12	0	14	10
<b>Total (111)</b>	<b>50,820</b>	<b>14,358</b>	<b>8,824</b>	<b>10,759</b>	<b>4,433</b>	<b>4,227</b>	<b>4,927</b>	<b>797</b>

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

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	239	239	0
Arctic Bay, Nunavut	5	1	4
Aupaluk, Quebec	125	.	.
Baie-Comeau, Quebec	30	28	2
Barrie-Orillia-Lake Simcoe Regional, Ontario	1,633	1,632	1
Buffalo Narrows, Saskatchewan	6	6	0
Cambridge Bay, Nunavut	58	58	0
Chibougamau/Chapais, Quebec	26	26	0
Collingwood, Ontario	194	192	2
Coral Harbour, Nunavut	3	3	0
Dauphin, Manitoba	38	38	0
Dawson, Yukon	1	1	0
Dawson Creek, British Columbia	254	248	6
Digby, Nova Scotia	14	14	0
Drummondville, Quebec	562	358	204
Dryden Regional, Ontario	128	128	0
Eastmain River, Quebec	7	7	0
Elliott Lake Municipal, Ontario	100	100	0
Flin Flon, Manitoba	30	30	0
Gaspé, Quebec	48	48	0
Geraldton, Ontario	46	46	0
Gjoa Haven, Nunavut	10	10	0
Havre St-Pierre, Quebec	20	20	0
Hay River, Northwest Territories	16	16	0
Island Lake, Manitoba	12	12	0
Kapuskasing, Ontario	107	107	0
Kugaaruk, Nunavut	8	8	0
Kugluktuk, Nunavut	38	38	0
Kuujuarapik, Quebec	2	2	0
Lourdes-de-Blanc-Sablon, Quebec	38	38	0
Mayo, Yukon	103	103	0
Moosonee, Ontario	16	16	0
Muskoka, Ontario	348	346	2
Nakina, Ontario	4	4	0
Natashquan, Quebec	4	4	0
Norway House, Manitoba	14	14	0
Peterborough, Ontario	1,626	1,606	20
Pickle Lake, Ontario	18	18	0
Qikiqtarjuaq, Nunavut	16	16	0
Quaqtaq, Quebec	15	.	.
Quesnel, British Columbia	48	48	0
Red Lake, Ontario	156	156	0
Repulse Bay, Nunavut	4	4	0
Rimouski, Quebec	68	68	0
Roberval, Quebec	114	112	2
Salluit, Quebec	4	.	.
Sandspit, British Columbia	170	170	0
Sherbrooke, Quebec	942	936	6
St. Theresa Point, Manitoba	6	6	0
Sydney, Nova Scotia	100	94	6
The Pas, Manitoba	60	60	0
Tillsonburg, Ontario	1,144	..	..
Tofino, British Columbia	44	32	12
Trois-Rivières, Quebec	1,070	1,070	0
Umiujaq, Quebec	12	.	.
Waskaganish, Quebec	98	98	0
Yorkton Municipal, Saskatchewan	698	696	2
<b>Total (57)</b>	<b>10,700</b>	<b>9,131</b>	<b>269</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
Iford	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	Puvirnitug
Inukjuak	Quaqtaq
Ivujivik	Salluit
Kangijsualujjuaq	Tasiujaq
Kangijsujuaq	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 June 2012 but were not available at the time of the release of this report:

1. Bromont, Quebec
2. Hall Beach, Nunavut
3. Old Crow, Yukon
4. Paulatuk, Northwest Territories
5. Sachs Harbour, Northwest Territories
6. Ulukhakot/Holman, Northwest Territories
7. Welland/Niagara Central, Ontario

b) Data for the following airports are included in June 2013 but not in June 2012:

1. Clyde River, Nunavut

## 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.