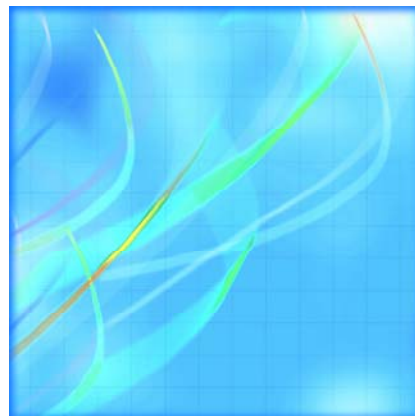


# **Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)**

August 2013



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

August 2013

Published by authority of the Minister responsible for Statistics Canada

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November 2013

Catalogue no. 51-008-X

ISSN 1911-6330

Frequency: Monthly

Ottawa

Cette publication est également disponible en français.

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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
- 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

Statistics Canada would like to thank all of the respondents and data suppliers whose participation has enabled us to provide the statistical information contained in this publication.

The information found in this publication could not have been produced if not for the cooperation of our respondents and data suppliers.

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 (2,972 movements) reported the greatest number of itinerant movements in August 2013.

In August 2013, Peterborough, Ontario (2,049 movements) reported the largest number of local movements. This represented 17.6% of the total local reported movements registered by 54 airports without air traffic control towers.

## Analysis

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In August 2013, the number of take-offs and landings for 130 airports without air traffic control towers reached 65,885 movements. Peterborough, Ontario (3,134 movements) and Goose Bay, Newfoundland and Labrador (2,972 movements) were the most active sites. Of the 127 airports for which year-over-year comparisons were possible, 68 airports reported decreases.

There were 51,840 itinerant movements (flights from one airport to another) recorded by 111 airports without air traffic control towers in August 2013. Goose Bay, Newfoundland and Labrador (2,972 movements) reported the greatest number of itinerant movements in August 2013.

Fifty-four airports without air traffic control towers reported 11,619 local movements (flights that remain in the vicinity of the airport) in August 2013. Peterborough, Ontario, the most active site, recorded 2,049 take-offs and landings, down 28.4% from August 2012. These movements represented 17.6% 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
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401-0023	Aircraft movements, by class of operation, airports with NAV CANADA towers, annual
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401-0034	Itinerant movements, by type of power plant, airports with NAV CANADA flight service stations, annual

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			
Aklavik, Northwest Territories	26	167	167	0
Akulivik, Quebec	.	182	182	0
Amos Municipal, Quebec	31	877	110	767
Arctic Bay, Nunavut	25	99	99	0
Arviat, Nunavut	26	206	206	0
Aupaluk, Quebec	.	381	132	249
Baie-Comeau, Quebec	31	885	831	54
Baker Lake, Nunavut	31	474	470	4
Barrie-Orillia-Lake Simcoe Regional, Ontario	31	2,720	848	1,872
Bathurst, New Brunswick	31	434	434	0
Beaver Creek, Yukon	11	31	31	0
Berens River, Manitoba	..	338	..	..
Bloodvein River, Manitoba	..	176	..	..
Brochet, Manitoba	..	90	..	..
Buffalo Narrows, Saskatchewan	31	778	770	8
Burwash, Yukon	26	185	185	0
Cambridge Bay, Nunavut	31	695	673	22
Cape Dorset, Nunavut	19	76	76	0
Charlo, New Brunswick	31	308	308	0
Chesterfield Inlet, Nunavut	29	191	191	0
Chevery, Quebec	26	262	262	0
Chibougamau/Chapais, Quebec	31	709	703	6
Clyde River, Nunavut	22	103	103	0
Collingwood, Ontario	31	1,278	958	320
Comox, British Columbia	31	1,967	1,967	0
Coral Harbour, Nunavut	31	193	193	0
Cross Lake, Manitoba	..	137	..	..
Dauphin, Manitoba	31	500	324	176
Dawson, Yukon	31	1,010	1,010	0
Dawson Creek, British Columbia	31	977	659	318
Déline, Northwest Territories	25	174	174	0
Digby, Nova Scotia	25	186	137	49
Drummondville, Quebec	31	833	525	308
Dryden Regional, Ontario	31	1,209	1,023	186
Eastmain River, Quebec	23	98	98	0
Elliot Lake Municipal, Ontario	31	489	435	54
Eureka, Nunavut	13	33	33	0
Faro, Yukon	29	165	165	0
Flin Flon, Manitoba	31	542	526	16
Fort Frances Municipal, Ontario	31	639	639	0
Fort Liard, Northwest Territories	13	117	117	0
Fort McPherson, Northwest Territories	14	49	49	0
Fort Resolution, Northwest Territories	8	22	22	0
Fort Simpson, Northwest Territories	31	279	279	0
Fort Smith, Northwest Territories	30	684	684	0
Gamètí/Rae Lakes, Northwest Territories	28	121	121	0
Gaspé, Quebec	31	574	554	20
Geraldton, Ontario	30	292	264	28
Gillam, Manitoba	26	293	293	0
Gjoa Haven, Nunavut	20	102	100	2
Gods Lake Narrows, Manitoba	..	231	..	..
Gods River, Manitoba	..	129	..	..
Goose Bay, Newfoundland and Labrador	31	2,972	2,972	0
Grise Fiord, Nunavut	12	35	35	0
Hall Beach, Nunavut	30	316	316	0
Havre St-Pierre, Quebec	31	784	756	28
Hay River, Northwest Territories	31	590	572	18
Hearst/René Fontaine Municipal, Ontario	21	112	112	0
Igloolik, Nunavut	28	135	135	0
Ilford, Manitoba	..	30	..	..
Inukjuak, Quebec	.	230	230	0
Island Lake, Manitoba	31	1,046	1,042	4
Ivujivik, Quebec	.	166	159	7
Kangiqsualujuaq, Quebec	.	77	77	0
Kangiqsujaq, Quebec	.	116	110	6
Kangirsuk, Quebec	.	213	168	45
Kapuskasing, Ontario	31	428	368	60
Kugaaruk, Nunavut	28	129	129	0

Table 1 – continued

## Total aircraft movements by class of operation

	Number of days reported for current month	Total, itinerant and local movements	Total itinerant movements	Total local movements
		number		
Kuujuarapik, Quebec	31	593	565	28
Lac Brochet, Manitoba	..	144	..	..
Little Grand Rapids, Manitoba	..	132	..	..
Lourdes-de-Blanc-Sablon, Quebec	31	529	497	32
Mayo, Yukon	31	1,028	1,028	0
Miramichi, New Brunswick	31	594	594	0
Moosonee, Ontario	31	1,559	1,515	44
Muskoka, Ontario	31	2,295	1,805	490
Nakina, Ontario	31	497	493	4
Natashquan, Quebec	31	218	212	6
Norway House, Manitoba	31	313	287	26
Old Crow, Yukon	27	81	81	0
Oxford House, Manitoba	..	242	..	..
Pabok, Quebec	23	62	62	0
Pangnirtung, Nunavut	29	254	254	0
Paulatuk, Northwest Territories	22	70	70	0
Peterborough, Ontario	31	3,134	1,085	2,049
Pickle Lake, Ontario	31	1,557	1,489	68
Pikwitonei, Manitoba	..	12	..	..
Pond Inlet, Nunavut	23	121	120	1
Poplar River, Manitoba	..	244	..	..
Port-Menier, Quebec	23	168	168	0
Prince Rupert/Digby Island, British Columbia	22	326	326	0
Prince Rupert/Seal Cove, British Columbia	31	990	990	0
Pukatawagan, Manitoba	..	144	..	..
Puvirnituq, Quebec	..	570	509	61
Qikiqtarjuaq, Nunavut	21	161	161	0
Quaqtaq, Quebec	..	125	124	1
Quesnel, British Columbia	31	816	766	50
Red Lake, Ontario	31	2,168	2,068	100
Red Sucker Lake, Manitoba	..	139	..	..
Repulse Bay, Nunavut	29	150	150	0
Resolute Bay, Nunavut	31	444	444	0
Rimouski, Quebec	30	456	364	92
Roberval, Quebec	31	617	367	250
Sandspit, British Columbia	31	726	722	4
Sanikiluaq, Nunavut	19	129	129	0
Shamattawa, Manitoba	..	102	..	..
Sherbrooke, Quebec	31	1,293	583	710
South Indian Lake, Manitoba	..	56	..	..
St. Anthony, Newfoundland and Labrador	31	351	351	0
St-Augustin, Quebec	14	142	142	0
St. Theresa Point, Manitoba	31	519	507	12
Stephenville, Newfoundland and Labrador	26	143	141	2
Stony Rapids, Saskatchewan	31	1,204	1,196	8
Sydney, Nova Scotia	31	795	787	8
Tadoule Lake, Manitoba	..	43	..	..
Taloyoak, Nunavut	19	113	113	0
Tasiujaq, Quebec	..	118	118	0
Teslin, Yukon	9	26	26	0
The Pas, Manitoba	31	480	446	34
Thicket Portage, Manitoba	..	6	..	..
Tillsonburg, Ontario	..	1,775	719	1,056
Tofino, British Columbia	31	904	732	172
Trois-Rivières, Quebec	31	2,447	1,119	1,328
Waskaganish, Quebec	16	177	137	40
Watson Lake, Yukon	31	558	558	0
Wemindji, Quebec	18	104	104	0
Whale Cove, Nunavut	20	102	102	0
Wrigley, Northwest Territories	12	39	39	0
York Landing, Manitoba	..	31	..	..
Yorkton Municipal, Saskatchewan	31	1,480	1,164	316
<b>Total (130)</b>	<b>31</b>	<b>65,885</b>	<b>51,840</b>	<b>11,619</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							
Aklavik, Northwest Territories	167	159	0	0	0	0	0	8	0
Akulivik, Quebec	182	.	.	.	.	.	.	.	.
Amos Municipal, Quebec	110	42	2	58	0	0	0	8	0
Arctic Bay, Nunavut	99	69	16	3	7	0	2	2	0
Arviat, Nunavut	206	191	2	13	0	0	0	0	0
Aupaluk, Quebec	132	.	.	.	.	.	.	.	.
Baie-Comeau, Quebec	831	625	16	86	0	1	1	96	6
Baker Lake, Nunavut	470	442	8	12	0	0	0	4	4
Barrie-Orillia-Lake Simcoe Regional, Ontario	848	292	40	408	3	0	26	55	24
Bathurst, New Brunswick	434	343	2	72	1	0	0	10	6
Beaver Creek, Yukon	31	6	0	11	0	0	12	2	0
Buffalo Narrows, Saskatchewan	770	646	10	48	0	0	0	66	0
Burwash, Yukon	185	183	0	1	0	0	1	0	0
Cambridge Bay, Nunavut	673	510	0	153	0	0	0	6	4
Cape Dorset, Nunavut	76	72	0	0	0	0	0	4	0
Charlo, New Brunswick	308	97	115	50	0	0	18	10	18
Chesterfield Inlet, Nunavut	191	188	1	0	0	0	0	2	0
Chevery, Quebec	262	252	8	2	0	0	0	0	0
Chibougamau/Chapais, Quebec	703	584	33	78	0	0	0	8	0
Clyde River, Nunavut	103	100	0	3	0	0	0	0	0
Collingwood, Ontario	958	117	124	702	0	0	0	6	9
Comox, British Columbia	1,967	1,169	14	145	0	0	15	35	589
Coral Harbour, Nunavut	193	177	4	3	5	0	0	0	4
Dauphin, Manitoba	324	121	16	110	0	0	1	60	16
Dawson, Yukon	1,010	652	59	261	10	2	16	6	4
Dawson Creek, British Columbia	659	345	112	195	0	0	0	7	0
Déline, Northwest Territories	174	164	0	0	0	0	0	10	0
Digby, Nova Scotia	137	56	0	70	0	0	5	6	0
Drummondville, Quebec	525	120	26	341	0	0	2	0	36
Dryden Regional, Ontario	1,023	482	157	114	1	0	13	252	4
Eastmain River, Quebec	98	98	0	0	0	0	0	0	0
Elliot Lake Municipal, Ontario	435	256	90	76	1	0	0	10	2
Eureka, Nunavut	33	32	0	0	0	0	0	0	1
Faro, Yukon	165	150	0	13	0	0	0	2	0
Flin Flon, Manitoba	526	412	8	59	0	0	8	39	0
Fort Frances Municipal, Ontario	639	330	51	181	0	2	71	4	0
Fort Liard, Northwest Territories	117	109	0	2	0	0	0	6	0
Fort McPherson, Northwest Territories	49	40	0	0	0	0	0	7	2
Fort Resolution, Northwest Territories	22	15	0	0	0	0	0	7	0
Fort Simpson, Northwest Territories	279	202	6	27	0	0	0	44	0
Fort Smith, Northwest Territories	684	594	30	26	0	0	0	34	0
Gamëti/Rae Lakes, Northwest Territories	121	117	0	0	0	0	0	4	0
Gaspé, Quebec	554	405	6	66	0	0	1	76	0
Geraldton, Ontario	264	117	92	35	0	0	0	20	0
Gillam, Manitoba	293	276	0	15	0	0	0	2	0
Gjoa Haven, Nunavut	100	82	0	0	0	0	0	6	12
Goose Bay, Newfoundland and Labrador	2,972	2,213	91	133	87	50	154	108	136
Grise Fiord, Nunavut	35	35	0	0	0	0	0	0	0
Hall Beach, Nunavut	316	292	8	6	0	0	0	6	4
Havre St-Pierre, Quebec	756	672	2	68	0	0	0	14	0
Hay River, Northwest Territories	572	500	6	22	0	0	0	40	4
Hearst/René Fontaine Municipal, Ontario	112	96	0	12	0	0	0	4	0
Igloodik, Nunavut	135	125	0	0	8	0	0	1	1
Inukjuak, Quebec	230	.	.	.	.	.	.	.	.
Island Lake, Manitoba	1,042	1,006	0	32	0	0	0	4	0
Ivujivik, Quebec	159	.	.	.	.	.	.	.	.
Kangiqsualujuaq, Quebec	77	.	.	.	.	.	.	.	.
Kangisujuaq, Quebec	110	.	.	.	.	.	.	.	.
Kangirsuk, Quebec	168	.	.	.	.	.	.	.	.
Kapuskasing, Ontario	368	300	8	22	0	0	0	8	30
Kugaaruk, Nunavut	129	127	0	0	0	0	0	2	0
Kuujuarapik, Quebec	565	529	0	29	1	0	0	6	0
Lourdes-de-Blanc-Sablon, Quebec	497	445	11	23	1	0	1	16	0
Mayo, Yukon	1,028	978	8	36	0	0	0	6	0
Miramichi, New Brunswick	594	257	45	182	1	1	0	72	36
Moosonee, Ontario	1,515	1,459	1	33	1	0	0	19	2
Muskoka, Ontario	1,805	572	106	859	99	0	132	26	11

Table 2-1 – continued

## Itinerant movements by class and type of operation

	Total itinerant movements	Domestic			International			Government	
		Carrier	Other commercial	Private	Carrier	Other commercial	Private	Civil	Military
		number							
Nakina, Ontario	493	453	24	6	0	0	0	10	0
Natashquan, Quebec	212	179	1	23	0	0	1	6	2
Norway House, Manitoba	287	270	0	10	1	0	0	4	2
Old Crow, Yukon	81	76	0	2	0	0	1	2	0
Pabok, Quebec	62	15	2	7	0	0	0	38	0
Pangnirtung, Nunavut	254	216	2	5	24	0	0	7	0
Paulatuk, Northwest Territories	70	60	0	0	0	0	0	6	4
Peterborough, Ontario	1,085	247	173	607	0	0	0	12	46
Pickle Lake, Ontario	1,489	1,340	59	19	0	0	6	65	0
Pond Inlet, Nunavut	120	105	0	3	1	0	0	11	0
Port-Menier, Quebec	168	168	0	0	0	0	0	0	0
Prince Rupert/Digby Island, British Columbia	326	324	0	2	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	990	837	2	43	0	0	4	104	0
Puvirnituq, Quebec	509	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	161	81	77	2	1	0	0	0	0
Quaqtaq, Quebec	124	.	.	.	.	.	.	.	.
Quesnel, British Columbia	766	370	31	326	0	0	6	0	33
Red Lake, Ontario	2,068	1,883	77	55	2	0	11	36	4
Repulse Bay, Nunavut	150	147	0	0	1	0	0	2	0
Resolute Bay, Nunavut	444	351	0	2	0	0	0	22	69
Rimouski, Quebec	364	123	6	195	0	0	0	40	0
Roberval, Quebec	367	153	5	201	1	0	0	7	0
Sandspit, British Columbia	722	646	4	23	1	0	7	35	6
Sanikiluaq, Nunavut	129	114	2	13	0	0	0	0	0
Sherbrooke, Quebec	583	106	58	380	3	2	12	8	14
St. Anthony, Newfoundland and Labrador	351	236	4	50	0	0	0	55	6
St-Augustin, Quebec	142	141	1	0	0	0	0	0	0
St. Theresa Point, Manitoba	507	503	0	2	0	0	0	2	0
Stephenville, Newfoundland and Labrador	141	90	0	11	7	0	8	23	2
Stony Rapids, Saskatchewan	1,196	995	6	32	0	0	3	150	10
Sydney, Nova Scotia	787	684	1	41	18	1	17	15	10
Taloyoak, Nunavut	113	110	1	2	0	0	0	0	0
Tasiujaq, Quebec	118	.	.	.	.	.	.	.	.
Teslin, Yukon	26	12	0	14	0	0	0	0	0
The Pas, Manitoba	446	270	4	32	0	0	0	133	7
Tillsonburg, Ontario	719	..	..	..	..	..	..	..	..
Tofino, British Columbia	732	554	15	92	2	0	23	36	10
Trois-Rivières, Quebec	1,119	555	62	495	0	0	0	2	5
Waskaganish, Quebec	137	130	0	7	0	0	0	0	0
Watson Lake, Yukon	558	297	16	227	0	0	4	6	8
Wemindji, Quebec	104	96	0	8	0	0	0	0	0
Whale Cove, Nunavut	102	88	0	0	11	0	1	0	2
Wrigley, Northwest Territories	39	19	0	20	0	0	0	0	0
Yorkton Municipal, Saskatchewan	1,164	506	92	484	0	0	2	10	70
<b>Total (111)</b>	<b>51,840</b>	<b>34,595</b>	<b>2,059</b>	<b>8,337</b>	<b>299</b>	<b>59</b>	<b>585</b>	<b>2,103</b>	<b>1,275</b>

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

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Aklavik, Northwest Territories	167	0	56	111	0	0
Akulivik, Quebec	182	.	.	.	.	..
Amos Municipal, Quebec	110	10	32	58	10	0
Arctic Bay, Nunavut	99	0	78	3	18	0
Arviat, Nunavut	206	0	189	13	4	0
Aupaluk, Quebec	132	.	.	.	.	..
Baie-Comeau, Quebec	831	27	545	125	134	0
Baker Lake, Nunavut	470	0	307	79	84	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	848	60	133	511	143	1
Bathurst, New Brunswick	434	4	348	52	30	0
Beaver Creek, Yukon	31	0	4	11	16	0
Buffalo Narrows, Saskatchewan	770	0	532	212	26	0
Burwash, Yukon	185	0	3	156	26	0
Cambridge Bay, Nunavut	673	62	323	202	86	0
Cape Dorset, Nunavut	76	0	71	0	5	0
Charlo, New Brunswick	308	30	114	148	16	0
Chesterfield Inlet, Nunavut	191	0	188	1	2	0
Chevery, Quebec	262	0	251	4	7	0
Chibougamau/Chapais, Quebec	703	3	514	121	65	0
Clyde River, Nunavut	103	0	98	2	3	0
Collingwood, Ontario	958	10	41	813	90	4
Comox, British Columbia	1,967	361	946	444	185	31
Coral Harbour, Nunavut	193	0	188	3	2	0
Dauphin, Manitoba	324	19	134	149	22	0
Dawson, Yukon	1,010	0	192	442	376	0
Dawson Creek, British Columbia	659	20	286	303	50	0
Déline, Northwest Territories	174	0	143	31	0	0
Digby, Nova Scotia	137	0	2	116	19	0
Drummondville, Quebec	525	0	6	429	88	2
Dryden Regional, Ontario	1,023	8	543	291	181	0
Eastmain River, Quebec	98	0	98	0	0	0
Elliot Lake Municipal, Ontario	435	2	207	168	58	0
Eureka, Nunavut	33	0	22	0	11	0
Faro, Yukon	165	0	19	55	91	0
Flin Flon, Manitoba	526	12	381	90	43	0
Fort Frances Municipal, Ontario	639	14	322	278	25	0
Fort Liard, Northwest Territories	117	0	7	4	106	0
Fort McPherson, Northwest Territories	49	0	26	0	23	0
Fort Resolution, Northwest Territories	22	0	22	0	0	0
Fort Simpson, Northwest Territories	279	4	170	87	18	0
Fort Smith, Northwest Territories	684	2	389	188	105	0
Gamëti/Rae Lakes, Northwest Territories	121	0	113	8	0	0
Gaspé, Quebec	554	12	348	144	50	0
Geraldton, Ontario	264	2	116	107	39	0
Gillam, Manitoba	293	0	121	168	4	0
Gjoa Haven, Nunavut	100	0	96	0	4	0
Goose Bay, Newfoundland and Labrador	2,972	414	2,017	91	450	0
Grise Fiord, Nunavut	35	0	35	0	0	0
Hall Beach, Nunavut	316	0	246	0	70	0
Havre St-Pierre, Quebec	756	4	220	163	369	0
Hay River, Northwest Territories	572	3	363	174	32	0
Hearst/René Fontaine Municipal, Ontario	112	0	70	11	31	0
Igloodik, Nunavut	135	0	134	0	1	0
Inukjuak, Quebec	230	.	.	.	.	..
Island Lake, Manitoba	1,042	0	586	222	234	0
Ivujivik, Quebec	159	.	.	.	.	..
Kangiqsualujuaq, Quebec	77	.	.	.	.	..
Kangiqsujuaq, Quebec	110	.	.	.	.	..
Kangirsuk, Quebec	168	.	.	.	.	..
Kapuskasing, Ontario	368	0	308	32	28	0
Kugaaruk, Nunavut	129	11	107	10	1	0
Kuujuarapik, Quebec	565	2	436	18	109	0
Louderes-de-Blanc-Sablon, Quebec	497	12	390	33	62	0
Mayo, Yukon	1,028	0	383	295	350	0
Miramichi, New Brunswick	594	56	178	340	20	0
Moosonee, Ontario	1,515	1	1,035	430	49	0
Muskoka, Ontario	1,805	224	278	1,207	96	0
Nakina, Ontario	493	0	470	6	17	0



Table 2-2 – continued

## Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Natashquan, Quebec	212	0	167	11	34	0
Norway House, Manitoba	287	0	246	35	6	0
Old Crow, Yukon	81	2	61	6	12	0
Pabok, Quebec	62	8	43	9	2	0
Pangnirtung, Nunavut	254	0	217	3	34	0
Paulatuk, Northwest Territories	70	0	60	0	10	0
Peterborough, Ontario	1,085	53	44	929	59	0
Pickle Lake, Ontario	1,489	2	1,383	62	42	0
Pond Inlet, Nunavut	120	0	83	0	37	0
Port-Menier, Quebec	168	4	65	99	0	0
Prince Rupert/Digby Island, British Columbia	326	0	0	326	0	0
Prince Rupert/Seal Cove, British Columbia	990	0	28	660	302	0
Puvirnituq, Quebec	509	.	.	.	.	.
Qikiqtarjuaq, Nunavut	161	0	71	2	88	0
Quaqtaq, Quebec	124	.	.	.	.	.
Quesnel, British Columbia	766	35	237	336	151	7
Red Lake, Ontario	2,068	8	1,537	505	18	0
Repulse Bay, Nunavut	150	0	140	0	10	0
Resolute Bay, Nunavut	444	6	317	9	112	0
Rimouski, Quebec	364	19	106	187	52	0
Roberval, Quebec	367	14	72	219	62	0
Sandspit, British Columbia	722	53	182	12	475	0
Sanikiluaq, Nunavut	129	0	124	5	0	0
Sherbrooke, Quebec	583	24	27	487	41	4
St. Anthony, Newfoundland and Labrador	351	8	289	17	37	0
St-Augustin, Quebec	142	0	140	2	0	0
St. Theresa Point, Manitoba	507	2	362	133	10	0
Stephenville, Newfoundland and Labrador	141	36	68	12	25	0
Stony Rapids, Saskatchewan	1,196	4	736	311	145	0
Sydney, Nova Scotia	787	270	409	80	28	0
Taloyoak, Nunavut	113	0	99	2	12	0
Tasiujaq, Quebec	118	.	.	.	.	.
Teslin, Yukon	26	0	0	22	4	0
The Pas, Manitoba	446	6	241	173	26	0
Tillsonburg, Ontario	719	..	..	..	..	..
Tofino, British Columbia	732	27	118	450	137	0
Trois-Rivières, Quebec	1,119	29	10	989	91	0
Waskaganish, Quebec	137	0	119	17	1	0
Watson Lake, Yukon	558	6	81	375	96	0
Wemindji, Quebec	104	0	94	10	0	0
Whale Cove, Nunavut	102	0	87	1	14	0
Wrigley, Northwest Territories	39	0	2	37	0	0
Yorkton Municipal, Saskatchewan	1,164	31	265	835	33	0
<b>Total (111)</b>	<b>51,840</b>	<b>2,036</b>	<b>24,310</b>	<b>16,527</b>	<b>6,390</b>	<b>49</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						
Aklavik, Northwest Territories	167	111	4	52	0	0	0	0
Akulivik, Quebec	182	.	..	..	.	.	.	.
Amos Municipal, Quebec	110	68	0	32	0	2	8	0
Arctic Bay, Nunavut	99	19	2	21	1	35	21	0
Arviat, Nunavut	206	14	3	17	0	0	172	0
Aupaluk, Quebec	132	.	..	..	.	.	.	.
Baie-Comeau, Quebec	831	191	65	188	118	144	125	0
Baker Lake, Nunavut	470	100	63	46	6	1	254	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	848	564	70	159	26	11	9	9
Bathurst, New Brunswick	434	59	55	104	91	4	121	0
Beaver Creek, Yukon	31	16	1	14	0	0	0	0
Buffalo Narrows, Saskatchewan	770	80	126	403	135	6	20	0
Burwash, Yukon	185	181	1	2	1	0	0	0
Cambridge Bay, Nunavut	673	70	156	191	38	73	108	37
Cape Dorset, Nunavut	76	5	0	9	10	52	0	0
Charlo, New Brunswick	308	152	12	52	11	63	4	14
Chesterfield Inlet, Nunavut	191	0	2	4	0	2	183	0
Chevery, Quebec	262	9	2	110	141	0	0	0
Chibougamau/Chapais, Quebec	703	97	164	134	39	208	61	0
Clyde River, Nunavut	103	2	2	7	1	42	49	0
Collingwood, Ontario	958	853	75	14	8	2	6	0
Comox, British Columbia	1,967	363	171	89	607	290	137	310
Coral Harbour, Nunavut	193	5	0	29	0	109	50	0
Dauphin, Manitoba	324	130	26	135	16	6	3	8
Dawson, Yukon	1,010	731	90	47	14	0	128	0
Dawson Creek, British Columbia	659	341	46	19	147	82	24	0
Déline, Northwest Territories	174	7	41	63	33	4	22	4
Digby, Nova Scotia	137	112	23	2	0	0	0	0
Drummondville, Quebec	525	462	31	30	0	2	0	0
Dryden Regional, Ontario	1,023	227	263	461	12	14	40	6
Eastmain River, Quebec	98	0	0	10	0	88	0	0
Elliot Lake Municipal, Ontario	435	204	20	187	10	10	2	2
Eureka, Nunavut	33	10	1	20	0	0	2	0
Faro, Yukon	165	122	24	19	0	0	0	0
Flin Flon, Manitoba	526	84	36	290	13	3	100	0
Fort Frances Municipal, Ontario	639	188	147	295	9	0	0	0
Fort Liard, Northwest Territories	117	108	0	9	0	0	0	0
Fort McPherson, Northwest Territories	49	23	4	22	0	0	0	0
Fort Resolution, Northwest Territories	22	0	0	16	6	0	0	0
Fort Simpson, Northwest Territories	279	69	75	47	7	8	53	20
Fort Smith, Northwest Territories	684	242	85	89	247	0	19	2
Gamèt/Rae Lakes, Northwest Territories	121	0	65	18	16	0	22	0
Gaspé, Quebec	554	143	49	52	24	164	122	0
Geraldton, Ontario	264	81	71	88	10	6	8	0
Gillam, Manitoba	293	13	169	18	0	0	93	0
Gjoa Haven, Nunavut	100	0	0	28	3	23	36	10
Goose Bay, Newfoundland and Labrador	2,972	336	301	915	538	542	252	88
Grise Fiord, Nunavut	35	0	0	35	0	0	0	0
Hall Beach, Nunavut	316	7	11	130	40	33	93	2
Havre St-Pierre, Quebec	756	392	138	59	47	30	90	0
Hay River, Northwest Territories	572	54	63	122	115	105	112	1
Hearst/René Fontaine Municipal, Ontario	112	32	10	70	0	0	0	0
Igloolik, Nunavut	135	0	1	51	19	30	34	0
Inukjuak, Quebec	230	.	..	..	.	.	.	.
Island Lake, Manitoba	1,042	405	89	295	0	170	83	0
Ivujivik, Quebec	159	.	..	..	.	.	.	.
Kangiqsualujuaq, Quebec	77	.	..	..	.	.	.	.
Kangiqsujuaq, Quebec	110	.	..	..	.	.	.	.
Kangirsuk, Quebec	168	.	..	..	.	.	.	.
Kapuskasing, Ontario	368	34	22	284	8	20	0	0
Kugaaruk, Nunavut	129	0	10	22	12	35	50	0
Kuujuarapik, Quebec	565	107	29	212	2	46	169	0
Louderes-de-Blanc-Sablon, Quebec	497	76	23	171	110	103	14	0
Mayo, Yukon	1,028	460	420	117	23	0	8	0
Miramichi, New Brunswick	594	248	176	48	44	40	20	18
Moosonee, Ontario	1,515	332	207	610	150	117	97	2
Muskoka, Ontario	1,805	1,238	134	178	105	81	61	8

Table 2-3 – continued

## Itinerant movements by aircraft weight groups

	Total itinerant movements	Maximum 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	
Nakina, Ontario	493	5	304	123	47	14	0	0
Natashquan, Quebec	212	33	9	94	76	0	0	0
Norway House, Manitoba	287	16	25	244	0	0	0	2
Old Crow, Yukon	81	16	3	4	2	0	54	2
Pabok, Quebec	62	9	2	9	2	32	8	0
Pangnirtung, Nunavut	254	29	1	86	9	50	79	0
Paulatuk, Northwest Territories	70	8	2	31	29	0	0	0
Peterborough, Ontario	1,085	920	44	34	24	13	18	32
Pickle Lake, Ontario	1,489	61	700	307	108	77	236	0
Pond Inlet, Nunavut	120	27	11	36	6	14	26	0
Port-Menier, Quebec	168	3	96	31	12	26	0	0
Prince Rupert/Digby Island, British Columbia	326	2	324	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	990	183	743	62	0	0	2	0
Puvirnituq, Quebec	509	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	161	90	2	26	4	14	25	0
Quaqtaq, Quebec	124	.	.	.	.	.	.	.
Quesnel, British Columbia	766	427	90	36	202	5	6	0
Red Lake, Ontario	2,068	230	1,002	510	230	9	83	4
Repulse Bay, Nunavut	150	10	0	31	0	1	108	0
Resolute Bay, Nunavut	444	44	16	233	3	29	75	44
Rimouski, Quebec	364	209	27	93	0	16	18	1
Roberval, Quebec	367	231	51	48	16	10	11	0
Sandspit, British Columbia	722	135	25	358	42	8	132	22
Sanikiluaq, Nunavut	129	1	8	38	24	20	38	0
Sherbrooke, Quebec	583	489	44	20	8	6	8	8
St. Anthony, Newfoundland and Labrador	351	29	19	89	53	147	12	2
St-Augustin, Quebec	142	0	2	61	79	0	0	0
St. Theresa Point, Manitoba	507	125	42	158	2	128	52	0
Stephenville, Newfoundland and Labrador	141	34	3	16	16	52	10	10
Stony Rapids, Saskatchewan	1,196	72	247	476	214	113	72	2
Sydney, Nova Scotia	787	94	44	34	16	325	96	178
Taloyoak, Nunavut	113	6	0	36	2	38	31	0
Tasiujaq, Quebec	118	.	.	.	.	.	.	.
Teslin, Yukon	26	20	6	0	0	0	0	0
The Pas, Manitoba	446	46	103	118	5	3	164	7
Tillsonburg, Ontario	719	.	.	.	.	.	.	.
Tofino, British Columbia	732	190	375	82	22	59	4	0
Trois-Rivières, Quebec	1,119	1,025	53	9	8	12	2	10
Waskaganish, Quebec	137	5	13	3	2	100	14	0
Watson Lake, Yukon	558	362	92	36	66	0	2	0
Wemindji, Quebec	104	0	10	18	0	76	0	0
Whale Cove, Nunavut	102	15	0	4	0	10	73	0
Wrigley, Northwest Territories	39	32	5	2	0	0	0	0
Yorkton Municipal, Saskatchewan	1,164	725	259	83	38	4	20	35
<b>Total (111)</b>	<b>51,840</b>	<b>15,935</b>	<b>8,676</b>	<b>10,640</b>	<b>4,380</b>	<b>4,217</b>	<b>4,564</b>	<b>900</b>

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

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	767	767	0
Aupaluk, Quebec	249	.	.
Baie-Comeau, Quebec	54	42	12
Baker Lake, Nunavut	4	4	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	1,872	1,868	4
Buffalo Narrows, Saskatchewan	8	8	0
Cambridge Bay, Nunavut	22	22	0
Chibougamau/Chapais, Quebec	6	6	0
Collingwood, Ontario	320	320	0
Dauphin, Manitoba	176	176	0
Dawson Creek, British Columbia	318	318	0
Digby, Nova Scotia	49	49	0
Drummondville, Quebec	308	308	0
Dryden Regional, Ontario	186	186	0
Elliot Lake Municipal, Ontario	54	54	0
Flin Flon, Manitoba	16	16	0
Gaspé, Quebec	20	20	0
Geraldton, Ontario	28	28	0
Gjoa Haven, Nunavut	2	2	0
Havre St-Pierre, Quebec	28	28	0
Hay River, Northwest Territories	18	18	0
Island Lake, Manitoba	4	4	0
Ivujivik, Quebec	7	.	.
Kangiqsuaq, Quebec	6	.	.
Kangirsuk, Quebec	45	.	.
Kapuskasing, Ontario	60	60	0
Kuujuarapik, Quebec	28	28	0
Lourdes-de-Blanc-Sablon, Quebec	32	32	0
Moosonee, Ontario	44	44	0
Muskoka, Ontario	490	490	0
Nakina, Ontario	4	4	0
Natashquan, Quebec	6	6	0
Norway House, Manitoba	26	26	0
Peterborough, Ontario	2,049	2,024	25
Pickle Lake, Ontario	68	68	0
Pond Inlet, Nunavut	1	1	0
Puvirnituq, Quebec	61	.	.
Quaqtaq, Quebec	1	.	.
Quesnel, British Columbia	50	50	0
Red Lake, Ontario	100	100	0
Rimouski, Quebec	92	92	0
Roberval, Quebec	250	240	10
Sandspit, British Columbia	4	4	0
Sherbrooke, Quebec	710	704	6
St. Theresa Point, Manitoba	12	12	0
Stephenville, Newfoundland and Labrador	2	2	0
Stony Rapids, Saskatchewan	8	8	0
Sydney, Nova Scotia	8	8	0
The Pas, Manitoba	34	34	0
Tillsonburg, Ontario	1,056	..	..
Tofino, British Columbia	172	166	6
Trois-Rivières, Quebec	1,328	1,328	0
Waskaganish, Quebec	40	40	0
Yorkton Municipal, Saskatchewan	316	312	4
<b>Total (54)</b>	<b>11,619</b>	<b>10,127</b>	<b>67</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
Kangiqsualujjuaq	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 August 2012 but were not available at the time of the release of this report:

1. Bromont, Quebec
2. Kimmirut, Nunavut
3. Kugluktuk, Nunavut
4. Lutselk'e, Northwest Territories
5. Sachs Harbour, Northwest Territories
6. Welland/Niagara Central, Ontario

b) Data for the following airport are included in August 2013 but not in August 2012:

1. Aklavik, Northwest Territories
2. Clyde River, Nunavut
3. 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.** 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.