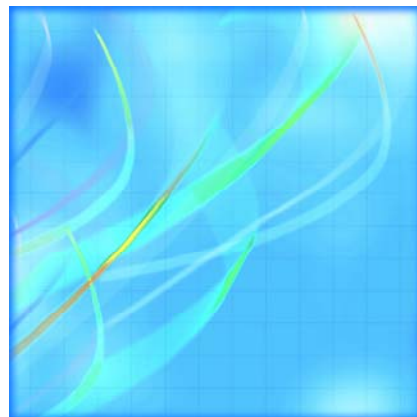


# Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



July 2012



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

July 2012

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## **Note of appreciation**

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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 ( $p < 0.05$ )

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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

Goose Bay, Newfoundland and Labrador (3,561 movements) followed by Red Lake, Ontario (2,638 movements) recorded the greatest number of itinerant movements in July 2012.

Peterborough, Ontario and Sherbrooke, Quebec recorded the greatest number of local movements each reporting 3,214 in July 2012. Together they represented 42.3% of the total local reported movements registered by 51 airports without air traffic control towers.

**Text table 1**

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

	July 2011	July 2012	Percentage change, July 2011 to July 2012	Year-to-date total		Percentage change 2011 to 2012
				2011	2012	
	number		percent	number		percent
<b>Total</b>	<b>80,767</b>	<b>79,145</b>	<b>-2.0</b>	<b>395,888</b>	<b>395,662</b>	<b>-0.1</b>
<b>Itinerant movements</b>						
Carrier	44,588	41,237	-7.5	228,511	223,005	-2.4
Other commercial	2,132	3,674	72.3	8,163	13,007	59.3
Private	8,996	9,686	7.7	31,381	36,455	16.2
Government						
Civil	2,978	2,439	-18.1	12,240	11,999	-2.0
Military	1,130	1,338	18.4	7,939	8,454	6.5
<b>Total</b>	<b>63,326</b>	<b>61,685</b>	<b>-2.6</b>	<b>308,454</b>	<b>309,639</b>	<b>0.4</b>
<b>Local movements</b>						
Civil	13,663	13,801	1.0	63,925	64,191	0.4
Military	22	78	254.5	1,095	1,442	31.7
<b>Total</b>	<b>15,262</b>	<b>15,197</b>	<b>-0.4</b>	<b>70,635</b>	<b>70,276</b>	<b>-0.5</b>
Number of airports in the survey	138	133	...	138	133	...

## Analysis

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In July 2012 the number of take-offs and landings for 133 airports without air traffic control towers reached 79,145 movements. Peterborough, Ontario (4,328 movements) and Sherbrooke, Quebec (3,881 movements) were the most active sites. Of the 131 airports for which year-over-year comparisons were possible, 69 reported increases.

There were 61,685 itinerant movements (flights from one airport to another) recorded by 114 airports without air traffic control towers in July 2012. Goose Bay, Newfoundland and Labrador, the most active site, recorded 3,561 take-offs and landings, up 13.4% from 2011.

Fifty-one airports without air traffic control towers reported 15,197 local movements (flights that remain in the vicinity of the airport) in July 2012. Peterborough, Ontario and Sherbrooke, Quebec recorded the greatest number of local movements each reporting 3,214 in July 2012. Together they represented 42.3% 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

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401-0018	Itinerant movements, by type of power plant, airports with NAV CANADA flight service stations, monthly
401-0019	Itinerant movements, by aircraft gross take-off weight, airports with NAV CANADA flight service stations, monthly
401-0020	Domestic and international itinerant movements, by type of operation, airports with NAV CANADA flight service stations, monthly
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401-0036	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	.	137	137	0
Amos Municipal, Quebec	31	577	152	425
Arctic Bay, Nunavut	21	69	63	6
Arviat, Nunavut	28	240	240	0
Aupaluk, Quebec	.	24	16	8
Baie-Comeau, Quebec	31	1,132	1,122	10
Baker Lake, Nunavut	31	1,267	1,267	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	31	2,354	782	1,572
Bathurst, New Brunswick	31	411	411	0
Beaver Creek, Yukon	11	21	21	0
Berens River, Manitoba	..	288	..	..
Bloodvein River, Manitoba	..	146	..	..
Brochet, Manitoba	..	102	..	..
Bromont, Quebec	31	486	486	0
Buffalo Narrows, Saskatchewan	31	870	848	22
Burwash, Yukon	31	698	698	0
Cambridge Bay, Nunavut	31	617	599	18
Cape Dorset, Nunavut	19	64	64	0
Charlo, New Brunswick	31	587	587	0
Chesterfield Inlet, Nunavut	26	173	173	0
Chevery, Quebec	26	264	264	0
Chibougamau/Chapais, Quebec	31	918	852	66
Collingwood, Ontario	31	1,425	1,131	294
Comox, British Columbia	31	1,991	1,991	0
Coral Harbour, Nunavut	31	487	486	1
Cross Lake, Manitoba	..	158	..	..
Dauphin, Manitoba	30	547	465	82
Dawson, Yukon	31	1,137	1,137	0
Dawson Creek, British Columbia	31	977	739	238
Déline, Northwest Territories	28	174	174	0
Digby, Nova Scotia	27	184	120	64
Drummondville, Quebec	31	1,103	653	450
Dryden Regional, Ontario	31	1,980	1,906	74
Eastmain River, Quebec	24	118	118	0
Elliot Lake Municipal, Ontario	28	410	338	72
Eureka, Nunavut	31	473	473	0
Faro, Yukon	31	778	778	0
Flin Flon, Manitoba	31	664	642	22
Fort Frances Municipal, Ontario	31	826	826	0
Fort Liard, Northwest Territories	17	62	62	0
Fort McPherson, Northwest Territories	5	12	12	0
Fort Resolution, Northwest Territories	11	32	32	0
Fort Simpson, Northwest Territories	31	323	323	0
Gamëti/Rae Lakes, Northwest Territories	28	144	144	0
Gaspé, Quebec	31	648	506	142
Geraldton, Ontario	31	717	673	44
Gillam, Manitoba	29	322	322	0
Gjoa Haven, Nunavut	27	131	123	8
Gods Lake Narrows, Manitoba	..	145	..	..
Gods River, Manitoba	..	126	..	..
Goose Bay, Newfoundland and Labrador	31	3,561	3,561	0
Hall Beach, Nunavut	31	449	449	0
Havre St-Pierre, Quebec	31	978	946	32
Hay River, Northwest Territories	31	902	886	16
Hearst/René Fontaine Municipal, Ontario	23	144	144	0
Igloolik, Nunavut	29	257	257	0
Ilford, Manitoba	..	22	..	..
Inukjuak, Quebec	.	359	359	0
Island Lake, Manitoba	31	1,252	1,252	0
Ivujivik, Quebec	.	106	106	0
Kangiqsualujuaq, Quebec	.	69	69	0
Kangirsuk, Quebec	.	126	102	24
Kapuskasing, Ontario	31	442	286	156
Kimmirut, Nunavut	16	54	54	0
Kugaaruk, Nunavut	29	195	191	4
Kugluktuk, Nunavut	31	558	553	5
Kuujuarapik, Quebec	31	456	424	32
Lac Brochet, Manitoba	..	114	..	..

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	..	116	..	..
Lourdes-de-Blanc-Sablon, Quebec	31	465	459	6
Lutselk'e, Northwest Territories	21	121	121	0
Mayo, Yukon	31	1,342	1,342	0
Miramichi, New Brunswick	30	629	629	0
Moosonee, Ontario	31	1,785	1,781	4
Muskoka, Ontario	31	2,199	1,879	320
Nakina, Ontario	31	455	453	2
Natashquan, Quebec	30	325	325	0
Norway House, Manitoba	31	339	319	20
Old Crow, Yukon	29	115	115	0
Oxford House, Manitoba	..	107	..	..
Pabok, Quebec	19	60	60	0
Pangnirtung, Nunavut	30	214	214	0
Paulatuk, Northwest Territories	26	91	91	0
Peterborough, Ontario	31	4,328	1,114	3,214
Pickle Lake, Ontario	31	1,907	1,893	14
Pikwitonei, Manitoba	..	14	..	..
Pond Inlet, Nunavut	22	93	93	0
Poplar River, Manitoba	..	256	..	..
Port-Menier, Quebec	24	245	245	0
Prince Rupert/Digby Island, British Columbia	24	491	491	0
Prince Rupert/Seal Cove, British Columbia	31	1,493	1,493	0
Pukatawagan, Manitoba	..	208	..	..
Puvirnituq, Quebec	..	482	428	54
Qikiqtarjuaq, Nunavut	20	73	73	0
Quaqtaq, Quebec	..	64	64	0
Quesnel, British Columbia	31	571	529	42
Red Lake, Ontario	31	2,832	2,638	194
Red Sucker Lake, Manitoba	..	146	..	..
Repulse Bay, Nunavut	31	378	341	37
Resolute Bay, Nunavut	30	315	315	0
Rimouski, Quebec	31	562	474	88
Roberval, Quebec	31	738	700	38
Sachs Harbour, Northwest Territories	24	64	64	0
Salluit, Quebec	..	154	97	57
Sandspit, British Columbia	31	702	682	20
Shamattawa, Manitoba	..	176	..	..
Sherbrooke, Quebec	31	3,881	667	3,214
South Indian Lake, Manitoba	..	54	..	..
St. Anthony, Newfoundland and Labrador	31	293	293	0
St-Augustin, Quebec	23	104	104	0
St. Theresa Point, Manitoba	31	563	563	0
Stephenville, Newfoundland and Labrador	31	318	318	0
Stony Rapids, Saskatchewan	31	1,026	1,024	2
Sydney, Nova Scotia	31	736	704	32
Tadoule Lake, Manitoba	..	50	..	..
Taloyoak, Nunavut	31	144	144	0
Tasiujaq, Quebec	..	100	100	0
Teslin, Yukon	16	49	49	0
The Pas, Manitoba	31	415	415	0
Thicket Portage, Manitoba	..	7	..	..
Tillsonburg, Ontario	..	1,724	549	1,175
Tofino, British Columbia	31	659	597	62
Trois-Rivières, Quebec	27	1,909	961	948
Tulita, Northwest Territories	5	47	47	0
Ulukhakat/Holman, Northwest Territories	25	61	61	0
Umiujaq, Quebec	..	134	134	0
Waskaganish, Quebec	29	279	233	46
Watson Lake, Yukon	31	771	771	0
Welland/Niagara Central, Ontario	31	1,437	74	1,363
Wemindji, Quebec	24	130	130	0
Whale Cove, Nunavut	30	200	200	0
York Landing, Manitoba	..	28	..	..
Yorkton Municipal, Saskatchewan	31	1,788	1,430	358
<b>Total (133)</b>	<b>31</b>	<b>79,145</b>	<b>61,685</b>	<b>15,197</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	137	.	.	.	.	.	.	.	.
Amos Municipal, Quebec	152	41	2	91	0	0	0	18	0
Arctic Bay, Nunavut	63	63	0	0	0	0	0	0	0
Arviat, Nunavut	240	228	0	8	0	0	0	4	0
Aupaluk, Quebec	16	.	.	.	.	.	.	.	.
Baie-Comeau, Quebec	1,122	844	10	175	0	0	1	80	12
Baker Lake, Nunavut	1,267	1,215	3	39	0	0	0	10	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	782	299	30	350	1	0	35	61	6
Bathurst, New Brunswick	411	259	0	44	17	0	83	4	4
Beaver Creek, Yukon	21	2	0	10	0	0	9	0	0
Bromont, Quebec	486	64	63	334	2	1	10	0	12
Buffalo Narrows, Saskatchewan	848	695	2	72	0	0	0	79	0
Burwash, Yukon	698	683	0	11	0	0	4	0	0
Cambridge Bay, Nunavut	599	456	3	129	0	0	0	11	0
Cape Dorset, Nunavut	64	57	2	0	0	0	0	5	0
Charlo, New Brunswick	587	38	422	72	1	0	32	12	10
Chesterfield Inlet, Nunavut	173	171	0	0	0	0	0	2	0
Chevery, Quebec	264	240	5	18	1	0	0	0	0
Chibougamau/Chapais, Quebec	852	694	32	92	0	0	0	34	0
Collingwood, Ontario	1,131	154	63	914	0	0	0	0	0
Comox, British Columbia	1,991	1,096	1	24	2	0	1	22	845
Coral Harbour, Nunavut	486	455	2	0	1	0	0	22	6
Dauphin, Manitoba	465	141	231	75	2	1	8	5	2
Dawson, Yukon	1,137	833	7	250	16	1	22	8	0
Dawson Creek, British Columbia	739	362	103	268	0	0	0	6	0
Déline, Northwest Territories	174	165	0	3	0	0	0	4	2
Digby, Nova Scotia	120	44	3	65	1	0	5	2	0
Drummondville, Quebec	653	187	61	398	0	0	3	0	4
Dryden Regional, Ontario	1,906	765	672	189	2	0	10	240	28
Eastmain River, Quebec	118	116	0	0	0	0	0	0	2
Elliot Lake Municipal, Ontario	338	211	37	76	1	0	3	6	4
Eureka, Nunavut	473	465	0	6	0	0	0	0	2
Faro, Yukon	778	762	0	16	0	0	0	0	0
Flin Flon, Manitoba	642	447	0	79	0	0	10	102	4
Fort Frances Municipal, Ontario	826	451	26	232	0	1	105	9	2
Fort Liard, Northwest Territories	62	51	0	3	0	0	0	6	2
Fort McPherson, Northwest Territories	12	7	0	0	0	0	0	1	4
Fort Resolution, Northwest Territories	32	22	0	6	0	0	0	4	0
Fort Simpson, Northwest Territories	323	213	21	37	0	0	0	18	34
Gamëti/Rae Lakes, Northwest Territories	144	137	0	3	0	0	0	4	0
Gaspé, Quebec	506	330	32	76	0	0	0	56	12
Geraldton, Ontario	673	176	352	69	0	0	0	74	2
Gillam, Manitoba	322	291	4	11	0	0	0	16	0
Gjoa Haven, Nunavut	123	119	0	2	0	0	0	1	1
Goose Bay, Newfoundland and Labrador	3,561	2,578	115	191	142	32	225	141	137
Hall Beach, Nunavut	449	432	6	3	0	0	0	8	0
Havre St-Pierre, Quebec	946	788	4	98	2	0	0	54	0
Hay River, Northwest Territories	886	599	26	166	0	0	0	90	5
Hearst/René Fontaine Municipal, Ontario	144	107	0	21	0	0	0	16	0
Igloolik, Nunavut	257	249	3	0	0	0	0	5	0
Inukjuak, Quebec	359	.	.	.	.	.	.	.	.
Island Lake, Manitoba	1,252	1,147	0	75	0	0	0	26	4
Ivujivik, Quebec	106	.	.	.	.	.	.	.	.
Kangiqsualujuaq, Quebec	69	.	.	.	.	.	.	.	.
Kangirsuk, Quebec	102	.	.	.	.	.	.	.	.
Kapuskasing, Ontario	286	277	2	6	0	0	0	1	0
Kimirut, Nunavut	54	48	0	0	2	0	0	4	0
Kugaaruk, Nunavut	191	184	0	2	1	0	0	2	2
Kugluktuk, Nunavut	553	514	6	29	0	0	0	4	0
Kuujuarapik, Quebec	424	409	6	5	0	0	0	4	0
Louder-de-Blanc-Sablon, Quebec	459	415	6	19	3	0	0	16	0
Lutsel'e, Northwest Territories	121	118	0	1	0	0	0	2	0
Mayo, Yukon	1,342	1,319	8	15	0	0	0	0	0
Miramichi, New Brunswick	629	241	16	353	1	0	6	12	0
Moosonee, Ontario	1,781	1,630	0	35	1	0	1	114	0
Muskoka, Ontario	1,879	632	183	734	87	0	97	120	26
Nakina, Ontario	453	439	2	8	0	0	0	4	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	325	196	4	123	0	0	0	2	0
Norway House, Manitoba	319	287	4	18	0	0	2	8	0
Old Crow, Yukon	115	112	0	0	1	0	0	2	0
Pabok, Quebec	60	8	14	18	0	0	0	20	0
Pangnirtung, Nunavut	214	199	4	1	2	0	0	8	0
Paulatuk, Northwest Territories	91	78	0	6	0	0	0	2	5
Peterborough, Ontario	1,114	310	140	618	0	0	0	24	22
Pickle Lake, Ontario	1,893	1,574	103	69	0	0	2	145	0
Pond Inlet, Nunavut	93	89	0	3	0	0	0	1	0
Port-Menier, Quebec	245	227	5	13	0	0	0	0	0
Prince Rupert/Digby Island, British Columbia	491	491	0	0	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	1,493	1,267	0	60	8	0	12	142	4
Puvirnituq, Quebec	428	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	73	73	0	0	0	0	0	0	0
Quaqtaq, Quebec	64	.	.	.	.	.	.	.	.
Quesnel, British Columbia	529	256	8	262	0	0	3	0	0
Red Lake, Ontario	2,638	2,084	223	167	2	1	28	123	10
Repulse Bay, Nunavut	341	334	3	3	0	0	0	1	0
Resolute Bay, Nunavut	315	302	2	0	0	0	0	7	4
Rimouski, Quebec	474	69	6	391	0	0	0	8	0
Roberval, Quebec	700	493	27	108	0	0	1	67	4
Sachs Harbour, Northwest Territories	64	64	0	0	0	0	0	0	0
Salluit, Quebec	97	.	.	.	.	.	.	.	.
Sandspit, British Columbia	682	632	0	7	0	0	2	33	8
Sherbrooke, Quebec	667	76	75	484	2	1	6	14	9
St. Anthony, Newfoundland and Labrador	293	235	0	24	0	0	0	34	0
St-Augustin, Quebec	104	91	4	8	1	0	0	0	0
St. Theresa Point, Manitoba	563	546	0	14	0	0	0	3	0
Stephenville, Newfoundland and Labrador	318	144	125	0	8	2	8	29	2
Stony Rapids, Saskatchewan	1,024	973	2	38	0	0	1	10	0
Sydney, Nova Scotia	704	622	0	48	17	0	15	0	2
Taloyoak, Nunavut	144	142	0	2	0	0	0	0	0
Tasiujaq, Quebec	100	.	.	.	.	.	.	.	.
Teslin, Yukon	49	14	2	26	0	0	0	0	7
The Pas, Manitoba	415	290	6	26	0	0	1	92	0
Tillsonburg, Ontario	549	..	..	..	..	..	..	..	..
Tofino, British Columbia	597	375	9	135	7	0	17	50	4
Trois-Rivières, Quebec	961	545	56	354	0	0	0	2	4
Tulita, Northwest Territories	47	45	0	0	0	0	0	2	0
Ulukhakt/Holman, Northwest Territories	61	57	0	0	0	0	0	4	0
Umiujaq, Quebec	134	.	.	.	.	.	.	.	.
Waskaganish, Quebec	233	232	0	0	0	0	0	1	0
Watson Lake, Yukon	771	331	8	347	0	0	4	30	51
Welland/Niagara Central, Ontario	74	2	0	71	0	0	1	0	0
Wemindji, Quebec	130	129	0	1	0	0	0	0	0
Whale Cove, Nunavut	200	198	0	0	0	0	0	2	0
Yorkton Municipal, Saskatchewan	1,430	870	272	233	1	0	2	24	28
<b>Total (114)</b>	<b>61,685</b>	<b>41,237</b>	<b>3,674</b>	<b>9,686</b>	<b>335</b>	<b>40</b>	<b>775</b>	<b>2,439</b>	<b>1,338</b>

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

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Akulivik, Quebec	137	.	.	.	.	..
Amos Municipal, Quebec	152	18	34	85	13	2
Arctic Bay, Nunavut	63	0	54	0	9	0
Arviat, Nunavut	240	0	208	12	20	0
Aupaluk, Quebec	16	.	.	.	.	..
Baie-Comeau, Quebec	1,122	41	659	266	156	0
Baker Lake, Nunavut	1,267	0	696	203	368	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	782	50	107	462	162	1
Bathurst, New Brunswick	411	0	302	90	17	2
Beaver Creek, Yukon	21	0	0	17	4	0
Bromont, Quebec	486	32	11	412	31	0
Buffalo Narrows, Saskatchewan	848	0	559	237	52	0
Burwash, Yukon	698	0	2	107	589	0
Cambridge Bay, Nunavut	599	74	326	141	58	0
Cape Dorset, Nunavut	64	0	64	0	0	0
Charlo, New Brunswick	587	59	36	470	22	0
Chesterfield Inlet, Nunavut	173	0	162	0	11	0
Chevery, Quebec	264	0	223	26	15	0
Chibougamau/Chapais, Quebec	852	21	529	201	101	0
Collingwood, Ontario	1,131	4	47	988	90	2
Comox, British Columbia	1,991	288	903	514	203	83
Coral Harbour, Nunavut	486	0	210	2	274	0
Dauphin, Manitoba	465	6	167	242	50	0
Dawson, Yukon	1,137	0	228	532	376	1
Dawson Creek, British Columbia	739	18	269	384	68	0
Déline, Northwest Territories	174	0	124	40	10	0
Digby, Nova Scotia	120	0	4	104	12	0
Drummondville, Quebec	653	2	0	599	50	2
Dryden Regional, Ontario	1,906	24	682	827	373	0
Eastmain River, Quebec	118	0	108	10	0	0
Elliot Lake Municipal, Ontario	338	0	164	112	62	0
Eureka, Nunavut	473	0	93	14	366	0
Faro, Yukon	778	0	4	30	744	0
Flin Flon, Manitoba	642	14	375	234	19	0
Fort Frances Municipal, Ontario	826	15	433	316	62	0
Fort Liard, Northwest Territories	62	0	14	5	43	0
Fort McPherson, Northwest Territories	12	0	9	2	1	0
Fort Resolution, Northwest Territories	32	0	15	8	9	0
Fort Simpson, Northwest Territories	323	8	180	108	27	0
Gamëti/Rae Lakes, Northwest Territories	144	0	110	12	22	0
Gaspé, Quebec	506	34	339	109	24	0
Geraldton, Ontario	673	0	228	409	34	2
Gillam, Manitoba	322	0	146	172	4	0
Gjoa Haven, Nunavut	123	2	109	1	11	0
Goose Bay, Newfoundland and Labrador	3,561	537	2,154	135	733	2
Hall Beach, Nunavut	449	0	186	3	260	0
Havre St-Pierre, Quebec	946	12	242	233	459	0
Hay River, Northwest Territories	886	2	459	411	14	0
Hearst/René Fontaine Municipal, Ontario	144	0	39	21	84	0
Igloodik, Nunavut	257	0	163	2	92	0
Inukjuak, Quebec	359	.	.	.	.	..
Island Lake, Manitoba	1,252	2	699	169	382	0
Ivujivik, Quebec	106	.	.	.	.	..
Kangiqsualujuaq, Quebec	69	.	.	.	.	..
Kangirsuk, Quebec	102	.	.	.	.	..
Kapuskasing, Ontario	286	0	272	0	14	0
Kimirut, Nunavut	54	0	52	0	2	0
Kugaaruk, Nunavut	191	0	101	3	87	0
Kugluktuk, Nunavut	553	108	203	147	95	0
Kuujuarapik, Quebec	424	4	365	8	47	0
Lourdes-de-Blanc-Sablon, Quebec	459	9	393	25	32	0
Lutselk'e, Northwest Territories	121	0	95	26	0	0
Mayo, Yukon	1,342	0	742	375	225	0
Miramichi, New Brunswick	629	28	217	352	30	2
Moosonee, Ontario	1,781	0	1,010	492	279	0
Muskoka, Ontario	1,879	177	411	1,201	88	2
Nakina, Ontario	453	0	397	8	48	0
Natashquan, Quebec	325	0	166	33	124	2



Table 2-2 – continued

## Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Norway House, Manitoba	319	0	284	29	6	0
Old Crow, Yukon	115	0	75	4	36	0
Pabok, Quebec	60	2	30	28	0	0
Pangnirtung, Nunavut	214	0	198	6	10	0
Paulatuk, Northwest Territories	91	0	31	54	6	0
Peterborough, Ontario	1,114	57	28	976	51	2
Pickle Lake, Ontario	1,893	0	1,541	166	186	0
Pond Inlet, Nunavut	93	0	74	0	19	0
Port-Menier, Quebec	245	14	90	139	2	0
Prince Rupert/Digby Island, British Columbia	491	0	0	491	0	0
Prince Rupert/Seal Cove, British Columbia	1,493	0	33	1,210	250	0
Puvirnituq, Quebec	428	.	.	.	.	..
Qikiqtarjuaq, Nunavut	73	0	67	0	6	0
Quaqtaq, Quebec	64	.	.	.	.	..
Quesnel, British Columbia	529	10	178	246	95	0
Red Lake, Ontario	2,638	21	1,941	650	26	0
Repulse Bay, Nunavut	341	0	171	6	164	0
Resolute Bay, Nunavut	315	8	275	12	20	0
Rimouski, Quebec	474	4	45	401	24	0
Roberval, Quebec	700	14	195	340	151	0
Sachs Harbour, Northwest Territories	64	0	38	4	22	0
Salluit, Quebec	97	.	.	.	.	..
Sandspit, British Columbia	682	32	167	5	478	0
Sherbrooke, Quebec	667	7	31	592	34	3
St. Anthony, Newfoundland and Labrador	293	14	260	17	2	0
St-Augustin, Quebec	104	4	84	10	6	0
St. Theresa Point, Manitoba	563	7	416	132	8	0
Stephenville, Newfoundland and Labrador	318	34	68	131	85	0
Stony Rapids, Saskatchewan	1,024	0	622	356	46	0
Sydney, Nova Scotia	704	160	432	105	7	0
Taloyoak, Nunavut	144	0	140	0	4	0
Tasiujaq, Quebec	100	.	.	.	.	..
Teslin, Yukon	49	0	5	42	2	0
The Pas, Manitoba	415	10	236	148	21	0
Tillsonburg, Ontario	549	..	..	..	..	..
Tofino, British Columbia	597	26	102	331	138	0
Trois-Rivières, Quebec	961	31	15	865	50	0
Tulita, Northwest Territories	47	0	27	4	16	0
Ulukhakat/Holman, Northwest Territories	61	0	57	0	4	0
Umiujaq, Quebec	134	.	.	.	.	..
Waskaganish, Quebec	233	0	213	20	0	0
Watson Lake, Yukon	771	32	91	484	163	1
Welland/Niagara Central, Ontario	74	0	2	72	0	0
Wemindji, Quebec	130	0	122	3	5	0
Whale Cove, Nunavut	200	0	158	0	42	0
Yorkton Municipal, Saskatchewan	1,430	10	344	976	100	0
<b>Total (114)</b>	<b>61,685</b>	<b>2,086</b>	<b>26,185</b>	<b>21,202</b>	<b>9,942</b>	<b>109</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	137	.	..	..	.	.	.	.
Amos Municipal, Quebec	152	94	6	34	2	0	16	0
Arctic Bay, Nunavut	63	9	0	3	0	51	0	0
Arviat, Nunavut	240	30	6	20	0	52	132	0
Aupaluk, Quebec	16	.	..	..	.	.	.	.
Baie-Comeau, Quebec	1,122	218	213	268	175	109	139	0
Baker Lake, Nunavut	1,267	359	540	49	18	43	258	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	782	553	67	118	22	16	6	0
Bathurst, New Brunswick	411	65	86	88	56	60	56	0
Beaver Creek, Yukon	21	21	0	0	0	0	0	0
Bromont, Quebec	486	415	26	13	9	13	10	0
Buffalo Narrows, Saskatchewan	848	121	111	404	182	6	24	0
Burwash, Yukon	698	694	2	2	0	0	0	0
Cambridge Bay, Nunavut	599	41	105	173	28	54	122	76
Cape Dorset, Nunavut	64	0	0	9	0	55	0	0
Charlo, New Brunswick	587	476	14	32	14	28	14	9
Chesterfield Inlet, Nunavut	173	11	0	8	0	22	132	0
Chevery, Quebec	264	34	7	81	142	0	0	0
Chibougamau/Chapais, Quebec	852	249	96	215	51	161	80	0
Collingwood, Ontario	1,131	1,050	67	5	2	1	2	4
Comox, British Columbia	1,991	520	96	87	422	442	112	312
Coral Harbour, Nunavut	486	260	16	16	0	169	19	6
Dauphin, Manitoba	465	144	132	101	84	0	2	2
Dawson, Yukon	1,137	774	131	79	8	4	141	0
Dawson Creek, British Columbia	739	434	18	24	154	99	10	0
Déline, Northwest Territories	174	11	55	25	61	0	22	0
Digby, Nova Scotia	120	90	24	4	0	0	2	0
Drummondville, Quebec	653	628	19	4	2	0	0	0
Dryden Regional, Ontario	1,906	431	651	664	28	2	118	12
Eastmain River, Quebec	118	8	2	14	16	78	0	0
Elliot Lake Municipal, Ontario	338	154	8	160	4	10	2	0
Eureka, Nunavut	473	370	0	66	27	8	2	0
Faro, Yukon	778	770	4	0	4	0	0	0
Flin Flon, Manitoba	642	122	87	274	16	39	104	0
Fort Frances Municipal, Ontario	826	262	169	375	16	2	0	2
Fort Liard, Northwest Territories	62	44	4	14	0	0	0	0
Fort McPherson, Northwest Territories	12	3	0	9	0	0	0	0
Fort Resolution, Northwest Territories	32	12	5	11	0	2	2	0
Fort Simpson, Northwest Territories	323	83	78	66	27	14	51	4
Gamëti/Rae Lakes, Northwest Territories	144	21	80	31	0	2	10	0
Gaspé, Quebec	506	76	55	64	12	186	113	0
Geraldton, Ontario	673	121	342	116	34	2	58	0
Gillam, Manitoba	322	17	161	44	0	100	0	0
Gjoa Haven, Nunavut	123	8	0	14	7	39	51	4
Goose Bay, Newfoundland and Labrador	3,561	500	429	1,058	568	498	387	121
Hall Beach, Nunavut	449	3	0	291	6	76	65	8
Havre St-Pierre, Quebec	946	479	203	87	69	37	71	0
Hay River, Northwest Territories	886	185	127	154	118	108	169	25
Hearst/René Fontaine Municipal, Ontario	144	21	19	104	0	0	0	0
Igloodik, Nunavut	257	94	0	37	7	58	61	0
Inukjuak, Quebec	359	.	..	..	.	.	.	.
Island Lake, Manitoba	1,252	534	37	433	3	166	75	4
Ivujivik, Quebec	106	.	..	..	.	.	.	.
Kangiqsualujuaq, Quebec	69	.	..	..	.	.	.	.
Kangirsuk, Quebec	102	.	..	..	.	.	.	.
Kapuskasing, Ontario	286	12	0	242	0	0	32	0
Kimmirut, Nunavut	54	2	0	52	0	0	0	0
Kugaaruk, Nunavut	191	10	0	93	2	42	44	0
Kugluktuk, Nunavut	553	187	58	85	6	16	89	112
Kuujuaq, Quebec	424	53	2	142	2	83	142	0
Lourdes-de-Blanc-Sablon, Quebec	459	38	19	153	138	107	4	0
Lutselk'e, Northwest Territories	121	3	87	22	6	3	0	0
Mayo, Yukon	1,342	350	827	143	14	0	8	0
Miramichi, New Brunswick	629	266	198	55	78	22	4	6
Moosonee, Ontario	1,781	368	258	775	184	128	68	0
Muskoka, Ontario	1,879	1,166	175	276	133	64	50	15
Nakina, Ontario	453	38	262	111	42	0	0	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	325	136	23	84	80	2	0	0
Norway House, Manitoba	319	28	7	279	5	0	0	0
Old Crow, Yukon	115	40	0	8	4	0	62	1
Pabok, Quebec	60	20	8	10	0	20	2	0
Pangnirtung, Nunavut	214	8	6	33	14	71	82	0
Paulatuk, Northwest Territories	91	43	0	33	0	15	0	0
Peterborough, Ontario	1,114	973	40	32	36	10	16	7
Pickle Lake, Ontario	1,893	164	843	383	130	4	369	0
Pond Inlet, Nunavut	93	19	0	24	12	19	19	0
Port-Menier, Quebec	245	3	141	35	32	26	6	2
Prince Rupert/Digby Island, British Columbia	491	0	491	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	1,493	131	1,247	104	2	6	3	0
Puvirnituq, Quebec	428	.	..	..	.	.	.	.
Qikiqtarjuaq, Nunavut	73	1	0	12	8	25	27	0
Quaqtaq, Quebec	64	.	..	..	.	.	.	.
Quesnel, British Columbia	529	323	16	2	188	0	0	0
Red Lake, Ontario	2,638	338	1,224	669	284	20	99	4
Repulse Bay, Nunavut	341	168	2	34	4	110	23	0
Resolute Bay, Nunavut	315	15	5	209	2	12	60	12
Rimouski, Quebec	474	281	144	35	3	4	7	0
Roberval, Quebec	700	375	118	107	28	6	66	0
Sachs Harbour, Northwest Territories	64	22	0	38	0	4	0	0
Salluit, Quebec	97	.	..	..	.	.	.	.
Sandspit, British Columbia	682	175	17	307	30	67	64	22
Sherbrooke, Quebec	667	610	18	18	6	10	3	2
St. Anthony, Newfoundland and Labrador	293	10	9	90	44	130	10	0
St-Augustin, Quebec	104	10	6	84	0	0	4	0
St. Theresa Point, Manitoba	563	131	9	222	10	177	14	0
Stephenville, Newfoundland and Labrador	318	62	152	6	18	56	12	12
Stony Rapids, Saskatchewan	1,024	79	340	279	195	129	2	0
Sydney, Nova Scotia	704	106	43	51	2	352	8	142
Taloyoak, Nunavut	144	4	0	24	0	78	38	0
Tasiujaq, Quebec	100	.	..	..	.	.	.	.
Teslin, Yukon	49	34	8	3	0	2	2	0
The Pas, Manitoba	415	42	102	117	12	42	100	0
Tillsonburg, Ontario	549	..	..	..	..	..	..	..
Tofino, British Columbia	597	178	256	67	41	51	4	0
Trois-Rivières, Quebec	961	793	118	12	8	4	9	17
Tulita, Northwest Territories	47	6	17	13	9	0	2	0
Uluksukot/Holman, Northwest Territories	61	4	0	35	0	0	22	0
Umiujaq, Quebec	134	.	..	..	.	.	.	.
Waskaganish, Quebec	233	12	8	17	18	178	0	0
Watson Lake, Yukon	771	481	128	70	44	16	22	10
Welland/Niagara Central, Ontario	74	62	12	0	0	0	0	0
Wemindji, Quebec	130	7	1	22	2	98	0	0
Whale Cove, Nunavut	200	42	0	3	0	49	106	0
Yorkton Municipal, Saskatchewan	1,430	632	637	138	22	1	0	0
<b>Total (114)</b>	<b>61,685</b>	<b>20,680</b>	<b>12,380</b>	<b>11,806</b>	<b>4,292</b>	<b>5,071</b>	<b>4,342</b>	<b>953</b>

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

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	425	425	0
Arctic Bay, Nunavut	6	6	0
Aupaluk, Quebec	8	.	.
Baie-Comeau, Quebec	10	10	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	1,572	1,572	0
Buffalo Narrows, Saskatchewan	22	22	0
Cambridge Bay, Nunavut	18	18	0
Chibougamau/Chapais, Quebec	66	66	0
Collingwood, Ontario	294	286	8
Coral Harbour, Nunavut	1	1	0
Dauphin, Manitoba	82	82	0
Dawson Creek, British Columbia	238	238	0
Digby, Nova Scotia	64	64	0
Drummondville, Quebec	450	450	0
Dryden Regional, Ontario	74	74	0
Elliot Lake Municipal, Ontario	72	72	0
Flin Flon, Manitoba	22	22	0
Gaspé, Quebec	142	142	0
Geraldton, Ontario	44	44	0
Gjoa Haven, Nunavut	8	8	0
Havre St-Pierre, Quebec	32	32	0
Hay River, Northwest Territories	16	16	0
Kangirsuk, Quebec	24	.	.
Kapuskasing, Ontario	156	156	0
Kugaaruk, Nunavut	4	4	0
Kugluktuk, Nunavut	5	5	0
Kuujuaupik, Quebec	32	32	0
Lourdes-de-Blanc-Sablon, Quebec	6	6	0
Moosonee, Ontario	4	4	0
Muskoka, Ontario	320	304	16
Nakina, Ontario	2	2	0
Norway House, Manitoba	20	20	0
Peterborough, Ontario	3,214	3,168	46
Pickle Lake, Ontario	14	14	0
Puvirnituq, Quebec	54	.	.
Quesnel, British Columbia	42	42	0
Red Lake, Ontario	194	194	0
Repulse Bay, Nunavut	37	37	0
Rimouski, Quebec	88	88	0
Roberval, Quebec	38	38	0
Salluit, Quebec	57	.	.
Sandspit, British Columbia	20	20	0
Sherbrooke, Quebec	3,214	3,214	0
Stony Rapids, Saskatchewan	2	2	0
Sydney, Nova Scotia	32	32	0
Tillsonburg, Ontario	1,175	..	..
Tofino, British Columbia	62	54	8
Trois-Rivières, Quebec	948	948	0
Waskaganish, Quebec	46	46	0
Welland/Niagara Central, Ontario	1,363	1,363	0
Yorkton Municipal, Saskatchewan	358	358	0
<b>Total (51)</b>	<b>15,197</b>	<b>13,801</b>	<b>78</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
Kangiqsujuaq	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 July 2011 but were not available at the time of the release of this report:

1. Clyde River, Nunavut
2. Fort Good Hope, Northwest Territories
3. Fort Smith, Northwest Territories
4. Grise Fiord, Nunavut
5. Tuktoyaktuk, Northwest Territories
6. Wrigley, Northwest Territories

b) Data for the following airports are included in July 2012 but not in July, 2011:

1. Faro, Yukon

## 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.