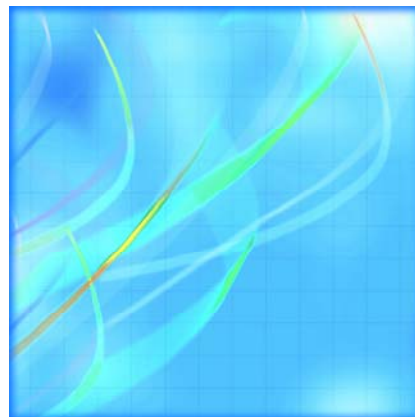


# Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



August 2008



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The following standard symbols are used in Statistics Canada publications:

- . not available for any reference period
- .. not available for a specific reference period
- ... not applicable
- 0 true zero or a value rounded to zero
- 0s value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
- p preliminary
- r revised
- x suppressed to meet the confidentiality requirements of the *Statistics Act*
- E use with caution
- F too unreliable to be published

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## Highlights

- Goose Bay, Newfoundland and Labrador was the most active site in August, recording 3,026 take-offs and landings, down 3.2% from August 2007. All of these movements were itinerant movements (flights from one airport to another).
- For local movements (flights that remain in the vicinity of the airport), Welland/Niagara Central, Ontario was the most active airport in August 2008 with 3,020 take-offs and landings, up 31.4% over the previous year.

**Text table 1**

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

	August 2007	August 2008	Percentage change, August 2007 over August 2008	Year-to-date total		Percentage change 2007 over 2008
				2007	2008	
	number		percent	number		percent
<b>Total</b>	<b>84,284</b>	<b>68,181</b>	<b>-19.1</b>	<b>497,140</b>	<b>436,370</b>	<b>-12.2</b>
<b>Itinerant movements</b>						
Carrier	39,331	35,527	-9.7	253,874	245,437	-3.3
Other commercial	3,459	3,952	14.3	19,225	20,274	5.5
Private	9,023	7,536	-16.5	41,971	37,599	-10.4
Government						
Civil	1,937	1,839	-5.1	12,347	12,094	-2.0
Military	1,215	1,315	8.2	10,486	10,834	3.3
<b>Total</b>	<b>56,282</b>	<b>51,440</b>	<b>-8.6</b>	<b>345,355</b>	<b>334,208</b>	<b>-3.2</b>
<b>Local movements</b>						
Civil	14,772	13,916	-5.8	104,720	81,608	-22.1
Military	96	242	152.1	228	1,383	506.6
<b>Total</b>	<b>14,868</b>	<b>14,158</b>	<b>-4.8</b>	<b>104,948</b>	<b>82,991</b>	<b>-20.9</b>
Number of airports in the survey	120	117	...	120	117	...

## Analysis

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In August 2008, the number of take-offs and landings at the 117 airports without air traffic control towers reached 68,181 movements. This is a decrease of 19.1% compared to the 84,284 take-offs and landings for the 120 airports reported in August 2007. Barrie-Orillia-Lake Simcoe Regional, Ontario was the most active site in August 2008, recording 3,379 movements.

There were 51,440 itinerant movements (flights from one airport to another) in August 2008, down 8.6% from the same month a year earlier. Goose Bay, Newfoundland and Labrador was the most active site in August, recording 3,026 take-offs and landings, down 3.2% from August 2007.

There were 14,158 local movements (flights that remain in the vicinity of the airport) in August 2008, down 4.8% compared with August 2007. Welland/Niagara Central, Ontario was the most active airport in August 2008 with 3,020 take-offs and landings, up 31.4% over the previous year.

## Related products

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### Selected publications from Statistics Canada

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51-007-X	Aircraft Movement Statistics: NAV CANADA Towers and Flight Service Stations (TP 141)
51-206-X	Canadian Civil Aviation
51-207-X	Air Charter Statistics
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
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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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401-0036	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	27	192	192	0
Amos Municipal, Quebec	30	304	160	144
Arviat, Nunavut	28	229	229	0
Baie-Comeau, Quebec	31	910	854	56
Baker Lake, Nunavut	31	1,080	1,068	12
Barrie-Orillia-Lake Simcoe Regional, Ontario	31	3,379	860	2,519
Bathurst, New Brunswick	31	286	286	0
Beaver Creek, Yukon	17	46	46	0
Berens River, Manitoba	..	230	..	..
Bloodvein River, Manitoba	..	136	..	..
Brochet, Manitoba	..	70	..	..
Bromont, Quebec	31	889	717	172
Buffalo Narrows, Saskatchewan	30	821	805	16
Burwash, Yukon	17	64	64	0
Cambridge Bay, Nunavut	31	996	914	82
Cape Dorset, Nunavut	16	89	89	0
Charlo, New Brunswick	29	151	151	0
Chesterfield Inlet, Nunavut	23	87	87	0
Chevery, Quebec	27	279	279	0
Chibougamau/Chapais, Quebec	31	609	593	16
Comox, British Columbia	31	1,816	1,816	0
Coral Harbour, Nunavut	27	154	154	0
Cross Lake, Manitoba	..	126	..	..
Dauphin, Manitoba	31	601	339	262
Dawson, Yukon	31	892	835	57
Dawson Creek, British Columbia	31	748	710	38
Déline, Northwest Territories	27	210	210	0
Digby, Nova Scotia	24	201	201	0
Digby Island, British Columbia	25	214	214	0
Drummondville, Quebec	28	731	397	334
Dryden Regional, Ontario	31	1,431	1,359	72
Eastmain River, Quebec	12	52	52	0
Elliot Lake Municipal, Ontario	31	634	488	146
Eureka, Nunavut	23	116	116	0
Faro, Yukon	28	198	198	0
Flin Flon, Manitoba	31	424	424	0
Fort Frances Municipal, Ontario	31	750	750	0
Fort Good Hope, Northwest Territories	8	58	58	0
Fort Liard, Northwest Territories	19	153	153	0
Fort McPherson, Northwest Territories	1	2	2	0
Fort Resolution, Northwest Territories	11	33	33	0
Fort Simpson, Northwest Territories	31	260	260	0
Fort Smith, Northwest Territories	31	637	621	16
Gamëti/Rae Lakes, Northwest Territories	21	92	92	0
Gaspé, Quebec	30	452	440	12
Geraldton, Ontario	31	571	571	0
Gillam, Manitoba	30	1,018	1,018	0
Gjoa Haven, Nunavut	27	208	165	43
Gods Lake Narrows, Manitoba	..	142	..	..
Gods River, Manitoba	..	154	..	..
Goose Bay, Newfoundland and Labrador	31	3,026	3,026	0
Grise Fiord, Nunavut	9	24	24	0
Guelph, Ontario	28	1,696	0	1,696
Hall Beach, Nunavut	29	416	416	0
Havre St-Pierre, Quebec	31	1,376	1,376	0
Hay River, Northwest Territories	31	625	608	17
Hearst/René Fontaine Municipal, Ontario	18	98	98	0
Igloolik, Nunavut	26	316	316	0
Ilford, Manitoba	..	44	..	..
Island Lake, Manitoba	27	895	893	2
Kapuskasing, Ontario	31	501	341	160
Kimirut, Nunavut	13	58	56	2
Kugaaruk, Nunavut	30	427	385	42
Kugluktuk, Nunavut	31	718	500	218
Lac Brochet, Manitoba	..	136	..	..
Little Grand Rapids, Manitoba	..	244	..	..
Lourdes-de-Blanc-Sablon, Quebec	31	526	502	24
Mayo, Yukon	31	807	793	14

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		
Moosonee, Ontario	31	1,597	1,583	14
Muskoka, Ontario	31	2,707	2,007	700
Nakina, Ontario	31	443	443	0
Nanisivik, Nunavut	13	52	42	10
Natashquan, Quebec	30	243	243	0
Norway House, Manitoba	31	348	348	0
Old Crow, Yukon	29	116	116	0
Oxford House, Manitoba	..	248	..	..
Pabok, Quebec	21	66	66	0
Peterborough, Ontario	31	2,445	834	1,611
Pickle Lake, Ontario	31	1,820	1,798	22
Pikwitonel, Manitoba	..	20	..	..
Pond Inlet, Nunavut	26	197	197	0
Poplar River, Manitoba	..	238	..	..
Prince Rupert/Seal Cove, British Columbia	31	1,827	1,827	0
Pukatawagan, Manitoba	..	195	..	..
Qikiqtarjuaq, Nunavut	23	106	106	0
Quesnel, British Columbia	30	462	416	46
Red Lake, Ontario	31	2,088	2,036	52
Red Sucker Lake, Manitoba	..	150	..	..
Repulse Bay, Nunavut	23	143	124	19
Resolute Bay, Nunavut	31	481	481	0
Rimouski, Quebec	31	459	313	146
Roberval, Quebec	31	651	621	30
Sandspit, British Columbia	31	1,037	1,025	12
Sanikiluaq, Nunavut	20	86	86	0
Shamattawa, Manitoba	..	262	..	..
Sherbrooke, Quebec	31	1,492	539	953
South Indian Lake, Manitoba	..	64	..	..
St. Theresa Point, Manitoba	27	392	392	0
Stephenville, Newfoundland and Labrador	31	179	179	0
Stony Rapids, Saskatchewan	31	1,396	1,368	28
Sydney, Nova Scotia	31	713	641	72
Tadoule Lake, Manitoba	..	50	..	..
Taloyoak, Nunavut	31	241	231	10
Teslin, Yukon	22	51	51	0
The Pas, Manitoba	31	407	407	0
Thicket Portage, Manitoba	..	12	..	..
Tofino, British Columbia	31	983	925	58
Trois-Rivières, Quebec	31	2,350	1,451	899
Tulita, Northwest Territories	21	261	261	0
Ulukhakt/Holman, Northwest Territories	27	66	66	0
Waskaganish, Quebec	23	294	226	68
Watson Lake, Yukon	31	733	713	20
Welland/Niagara Central, Ontario	31	3,221	201	3,020
Whale Cove, Nunavut	23	81	81	0
Wrigley, Northwest Territories	11	37	37	0
York Landing, Manitoba	..	62	..	..
Yorkton Municipal, Saskatchewan	31	751	555	196
<b>Total (117)</b>	<b>31</b>	<b>68,181</b>	<b>51,440</b>	<b>14,158</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	192	188	0	0	0	0	0	4	0
Amos Municipal, Quebec	160	43	12	95	0	0	0	10	0
Arviat, Nunavut	229	219	3	5	0	0	0	2	0
Baie-Comeau, Quebec	854	637	34	86	0	0	2	92	3
Baker Lake, Nunavut	1,068	813	231	20	0	0	0	4	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	860	328	140	306	9	1	32	44	0
Bathurst, New Brunswick	286	236	8	25	0	0	0	13	4
Beaver Creek, Yukon	46	1	9	22	1	1	12	0	0
Bromont, Quebec	717	67	264	328	4	0	6	39	9
Buffalo Narrows, Saskatchewan	805	714	3	40	1	0	0	24	23
Burwash, Yukon	64	11	0	49	0	0	4	0	0
Cambridge Bay, Nunavut	914	764	95	32	0	0	0	19	4
Cape Dorset, Nunavut	89	80	6	2	0	0	0	1	0
Charlo, New Brunswick	151	38	8	68	0	0	21	16	0
Chesterfield Inlet, Nunavut	87	87	0	0	0	0	0	0	0
Chevery, Quebec	279	256	16	5	0	0	0	2	0
Chibougamau/Chapais, Quebec	593	301	169	86	0	0	1	16	20
Comox, British Columbia	1,816	1,180	4	25	3	0	3	12	589
Coral Harbour, Nunavut	154	146	2	2	0	0	0	2	2
Dauphin, Manitoba	339	127	81	104	0	0	1	12	14
Dawson, Yukon	835	438	115	239	13	0	16	12	2
Dawson Creek, British Columbia	710	388	34	214	0	0	2	8	64
Déline, Northwest Territories	210	207	0	2	0	0	0	1	0
Digby, Nova Scotia	201	4	77	109	0	0	2	8	1
Digby Island, British Columbia	214	204	10	0	0	0	0	0	0
Drummondville, Quebec	397	79	74	238	0	0	4	0	2
Dryden Regional, Ontario	1,359	855	129	109	4	0	18	160	84
Eastmain River, Quebec	52	52	0	0	0	0	0	0	0
Elliot Lake Municipal, Ontario	488	214	154	99	0	0	0	21	0
Eureka, Nunavut	116	59	1	2	50	1	1	2	0
Faro, Yukon	198	181	0	17	0	0	0	0	0
Flin Flon, Manitoba	424	363	0	37	0	0	6	18	0
Fort Frances Municipal, Ontario	750	451	29	176	2	0	90	2	0
Fort Good Hope, Northwest Territories	58	56	0	0	0	0	0	2	0
Fort Liard, Northwest Territories	153	152	0	1	0	0	0	0	0
Fort McPherson, Northwest Territories	2	0	0	0	0	0	0	2	0
Fort Resolution, Northwest Territories	33	31	0	0	0	0	0	0	2
Fort Simpson, Northwest Territories	260	207	12	12	0	0	0	19	10
Fort Smith, Northwest Territories	621	555	6	20	0	0	0	23	17
Gamëti/Rae Lakes, Northwest Territories	92	92	0	0	0	0	0	0	0
Gaspé, Quebec	440	308	34	44	0	0	0	52	2
Geraldton, Ontario	571	258	117	117	0	0	0	79	0
Gillam, Manitoba	1,018	954	0	52	0	0	4	8	0
Gjoa Haven, Nunavut	165	160	5	0	0	0	0	0	0
Goose Bay, Newfoundland and Labrador	3,026	2,064	91	242	101	79	197	66	186
Grise Fiord, Nunavut	24	21	1	0	0	0	0	2	0
Hall Beach, Nunavut	416	339	72	0	1	0	0	4	0
Havre St-Pierre, Quebec	1,376	1,223	83	31	0	0	0	37	2
Hay River, Northwest Territories	608	502	16	35	0	0	0	36	19
Hearst/René Fontaine Municipal, Ontario	98	64	11	18	0	0	0	5	0
Igloolik, Nunavut	316	291	24	0	0	0	0	1	0
Island Lake, Manitoba	893	860	2	0	0	0	0	30	1
Kapuskasing, Ontario	341	315	21	2	0	0	0	3	0
Kimmirut, Nunavut	56	38	0	1	0	0	0	0	17
Kugaaruk, Nunavut	385	315	49	20	0	0	0	1	0
Kugluktuk, Nunavut	500	415	55	20	1	0	0	5	4
Lourdes-de-Blanc-Sablon, Quebec	502	419	52	21	0	0	0	8	2
Mayo, Yukon	793	706	47	37	0	0	0	3	0
Moosonee, Ontario	1,583	1,511	5	26	0	0	0	41	0
Muskoka, Ontario	2,007	615	253	814	70	4	182	58	11
Nakina, Ontario	443	305	19	117	1	0	0	1	0
Nanisivik, Nunavut	42	30	11	0	0	0	0	1	0
Natashquan, Quebec	243	189	11	33	0	0	0	10	0
Norway House, Manitoba	348	322	3	7	0	0	0	16	0
Old Crow, Yukon	116	93	0	1	14	0	2	6	0
Pabok, Quebec	66	2	17	11	0	0	0	36	0
Peterborough, Ontario	834	99	256	426	0	0	0	49	4

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							
Pickle Lake, Ontario	1,798	1,639	10	71	0	0	4	48	26
Pond Inlet, Nunavut	197	178	17	0	2	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	1,827	1,513	104	60	9	0	32	106	3
Qikiqtarjuaq, Nunavut	106	76	18	8	1	0	0	3	0
Quesnel, British Columbia	416	222	16	172	0	0	2	2	2
Red Lake, Ontario	2,036	1,765	19	134	3	0	78	25	12
Repulse Bay, Nunavut	124	103	1	0	14	2	0	2	2
Resolute Bay, Nunavut	481	440	0	14	0	0	1	22	4
Rimouski, Quebec	313	103	30	153	0	0	0	25	2
Roberval, Quebec	621	298	73	210	0	0	0	36	4
Sandspit, British Columbia	1,025	825	2	25	2	0	3	168	0
Sanikiluaq, Nunavut	86	70	8	4	0	0	0	4	0
Sherbrooke, Quebec	539	118	46	331	2	0	12	12	18
St. Theresa Point, Manitoba	392	389	0	1	0	0	0	2	0
Stephenville, Newfoundland and Labrador	179	84	4	15	11	0	17	38	10
Stony Rapids, Saskatchewan	1,368	1,180	40	25	0	0	0	76	47
Sydney, Nova Scotia	641	475	16	94	22	0	14	14	6
Taloyoak, Nunavut	231	209	8	3	0	0	0	11	0
Teslin, Yukon	51	12	0	39	0	0	0	0	0
The Pas, Manitoba	407	280	7	38	0	0	2	59	21
Tofino, British Columbia	925	608	38	192	18	0	43	20	6
Trois-Rivières, Quebec	1,451	431	336	662	0	0	0	6	16
Tulita, Northwest Territories	261	257	0	2	0	0	0	2	0
Ulukhakt/Holman, Northwest Territories	66	64	0	0	0	0	0	0	2
Waskaganish, Quebec	226	202	20	3	1	0	0	0	0
Watson Lake, Yukon	713	392	6	309	0	0	4	2	0
Welland/Niagara Central, Ontario	201	10	24	161	0	0	4	0	2
Whale Cove, Nunavut	81	46	32	3	0	0	0	0	0
Wrigley, Northwest Territories	37	33	2	2	0	0	0	0	0
Yorkton Municipal, Saskatchewan	555	263	94	155	0	0	1	8	34
<b>Total (97)</b>	<b>51,440</b>	<b>35,527</b>	<b>3,952</b>	<b>7,536</b>	<b>360</b>	<b>88</b>	<b>823</b>	<b>1,839</b>	<b>1,315</b>

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

	Total itinerant movements	Aircraft			Helicopters	Glinters
		Jet	Turbo	Piston		
		number				
Aklavik, Northwest Territories	192	0	90	98	4	0
Amos Municipal, Quebec	160	10	34	109	7	0
Arviat, Nunavut	229	0	177	12	40	0
Baie-Comeau, Quebec	854	48	357	285	164	0
Baker Lake, Nunavut	1,068	0	383	220	464	1
Barrie-Orillia-Lake Simcoe Regional, Ontario	860	47	132	552	129	0
Bathurst, New Brunswick	286	8	185	73	20	0
Beaver Creek, Yukon	46	0	0	32	14	0
Bromont, Quebec	717	16	62	592	47	0
Buffalo Narrows, Saskatchewan	805	0	476	295	34	0
Burwash, Yukon	64	0	2	53	9	0
Cambridge Bay, Nunavut	914	39	608	202	65	0
Cape Dorset, Nunavut	89	0	77	0	12	0
Charlo, New Brunswick	151	22	74	25	9	21
Chesterfield Inlet, Nunavut	87	0	64	11	12	0
Chevery, Quebec	279	2	255	18	3	1
Chibougamau/Chapais, Quebec	593	12	347	150	84	0
Comox, British Columbia	1,816	282	926	271	295	42
Coral Harbour, Nunavut	154	2	146	2	4	0
Dauphin, Manitoba	339	13	104	214	8	0
Dawson, Yukon	835	0	141	352	342	0
Dawson Creek, British Columbia	710	74	285	264	87	0
Déline, Northwest Territories	210	0	147	58	5	0
Digby, Nova Scotia	201	0	4	165	32	0
Digby Island, British Columbia	214	0	54	160	0	0
Drummondville, Quebec	397	0	2	357	35	3
Dryden Regional, Ontario	1,359	10	526	584	239	0
Eastmain River, Quebec	52	0	52	0	0	0
Elliot Lake Municipal, Ontario	488	2	197	251	38	0
Eureka, Nunavut	116	0	48	3	65	0
Faro, Yukon	198	0	55	132	11	0
Flin Flon, Manitoba	424	9	296	80	39	0
Fort Frances Municipal, Ontario	750	12	411	265	62	0
Fort Good Hope, Northwest Territories	58	0	35	17	6	0
Fort Liard, Northwest Territories	153	0	23	32	98	0
Fort McPherson, Northwest Territories	2	0	2	0	0	0
Fort Resolution, Northwest Territories	33	0	23	10	0	0
Fort Simpson, Northwest Territories	260	0	146	94	20	0
Fort Smith, Northwest Territories	621	0	370	198	53	0
Gamëti/Rae Lakes, Northwest Territories	92	0	87	4	1	0
Gaspé, Quebec	440	16	327	67	30	0
Geraldton, Ontario	571	5	232	311	23	0
Gillam, Manitoba	1,018	4	274	708	32	0
Gjoa Haven, Nunavut	165	0	165	0	0	0
Goose Bay, Newfoundland and Labrador	3,026	537	1,561	246	682	0
Grise Fiord, Nunavut	24	0	24	0	0	0
Hall Beach, Nunavut	416	10	330	18	58	0
Havre St-Pierre, Quebec	1,376	2	102	332	940	0
Hay River, Northwest Territories	608	8	360	213	27	0
Hearst/René Fontaine Municipal, Ontario	98	0	41	27	30	0
Igloolik, Nunavut	316	0	247	4	65	0
Island Lake, Manitoba	893	2	546	163	182	0
Kapuskasing, Ontario	341	2	303	17	19	0
Kimmirut, Nunavut	56	0	55	1	0	0
Kugaaruk, Nunavut	385	1	211	19	154	0
Kugluktuk, Nunavut	500	4	318	56	122	0
Louder-de-Blanc-Sablon, Quebec	502	2	424	47	29	0
Mayo, Yukon	793	0	112	503	178	0
Moosonee, Ontario	1,583	2	935	485	161	0
Muskoka, Ontario	2,007	201	222	1,420	161	3
Nakina, Ontario	443	0	290	138	15	0
Nanisivik, Nunavut	42	3	35	0	4	0
Natashquan, Quebec	243	12	159	46	26	0
Norway House, Manitoba	348	1	298	45	4	0
Old Crow, Yukon	116	0	65	5	46	0
Pabok, Quebec	66	12	26	28	0	0
Peterborough, Ontario	834	40	30	714	50	0
Pickle Lake, Ontario	1,798	0	1,526	178	94	0



Table 2-2 – continued

## Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Pond Inlet, Nunavut	197	0	184	2	11	0
Prince Rupert/Seal Cove, British Columbia	1,827	0	197	1,189	441	0
Qikiqtarjuaq, Nunavut	106	0	77	6	23	0
Quesnel, British Columbia	416	6	154	173	83	0
Red Lake, Ontario	2,036	15	1,087	912	22	0
Repulse Bay, Nunavut	124	0	91	15	18	0
Resolute Bay, Nunavut	481	18	407	12	44	0
Rimouski, Quebec	313	14	38	230	31	0
Roberval, Quebec	621	2	123	375	121	0
Sandspit, British Columbia	1,025	46	290	3	686	0
Sanikiluaq, Nunavut	86	0	76	10	0	0
Sherbrooke, Quebec	539	14	32	441	52	0
St. Theresa Point, Manitoba	392	2	244	144	2	0
Stephenville, Newfoundland and Labrador	179	47	78	16	38	0
Stony Rapids, Saskatchewan	1,368	0	663	491	214	0
Sydney, Nova Scotia	641	131	304	180	26	0
Taloyoak, Nunavut	231	2	185	3	41	0
Teslin, Yukon	51	0	0	50	1	0
The Pas, Manitoba	407	8	224	139	36	0
Tofino, British Columbia	925	38	158	578	151	0
Trois-Rivières, Quebec	1,451	38	19	1,272	122	0
Tulita, Northwest Territories	261	0	132	121	8	0
Ulukhakt/Holman, Northwest Territories	66	0	61	2	3	0
Waskaganish, Quebec	226	0	212	13	1	0
Watson Lake, Yukon	713	2	46	573	92	0
Welland/Niagara Central, Ontario	201	6	4	179	1	11
Whale Cove, Nunavut	81	0	70	5	6	0
Wrigley, Northwest Territories	37	0	2	24	11	0
Yorkton Municipal, Saskatchewan	555	30	33	460	32	0
<b>Total (97)</b>	<b>51,440</b>	<b>1,891</b>	<b>21,812</b>	<b>19,649</b>	<b>8,006</b>	<b>82</b>

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

	Total itinerant movements	Gross take-off weight in kilograms						
		2 000	2 001	4 001	5 671	9 001	18 001	35 001
		and under	to 4 000	to 5 670	to 9 000	to 18 000	to 35 000	and over
		number						
Aklavik, Northwest Territories	192	102	2	79	9	0	0	0
Amos Municipal, Quebec	160	108	6	31	3	4	8	0
Arviat, Nunavut	229	52	0	47	11	101	18	0
Baie-Comeau, Quebec	854	323	122	235	23	107	44	0
Baker Lake, Nunavut	1,068	477	204	71	47	143	119	7
Barrie-Orillia-Lake Simcoe Regional, Ontario	860	612	89	70	72	10	5	2
Bathurst, New Brunswick	286	49	50	66	6	58	57	0
Beaver Creek, Yukon	46	44	2	0	0	0	0	0
Bromont, Quebec	717	605	29	63	4	9	7	0
Buffalo Narrows, Saskatchewan	805	80	226	370	117	6	6	0
Burwash, Yukon	64	62	0	2	0	0	0	0
Cambridge Bay, Nunavut	914	65	162	390	51	107	105	34
Cape Dorset, Nunavut	89	12	0	11	0	58	8	0
Charlo, New Brunswick	151	38	14	67	20	2	10	0
Chesterfield Inlet, Nunavut	87	22	11	18	5	28	3	0
Chevery, Quebec	279	9	13	106	105	46	0	0
Chibougamau/Chapais, Quebec	593	137	156	145	60	81	14	0
Comox, British Columbia	1,816	312	99	62	399	522	164	258
Coral Harbour, Nunavut	154	4	4	32	50	16	48	0
Dauphin, Manitoba	339	214	9	99	13	4	0	0
Dawson, Yukon	835	648	27	53	0	0	105	2
Dawson Creek, British Columbia	710	328	69	53	151	99	10	0
Déline, Northwest Territories	210	24	67	90	2	2	23	2
Digby, Nova Scotia	201	195	2	4	0	0	0	0
Digby Island, British Columbia	214	0	214	0	0	0	0	0
Drummondville, Quebec	397	377	16	4	0	0	0	0
Dryden Regional, Ontario	1,359	318	429	524	8	6	74	0
Eastmain River, Quebec	52	0	0	4	22	26	0	0
Elliot Lake Municipal, Ontario	488	248	109	120	3	8	0	0
Eureka, Nunavut	116	63	5	42	6	0	0	0
Faro, Yukon	198	43	120	8	0	0	27	0
Flin Flon, Manitoba	424	92	27	182	30	88	5	0
Fort Frances Municipal, Ontario	750	171	177	397	5	0	0	0
Fort Good Hope, Northwest Territories	58	18	25	14	0	0	1	0
Fort Liard, Northwest Territories	153	88	60	5	0	0	0	0
Fort McPherson, Northwest Territories	2	0	0	2	0	0	0	0
Fort Resolution, Northwest Territories	33	2	8	19	0	0	4	0
Fort Simpson, Northwest Territories	260	69	68	36	2	0	85	0
Fort Smith, Northwest Territories	621	212	118	88	182	0	21	0
Gamèti/Rae Lakes, Northwest Territories	92	2	48	31	0	0	11	0
Gaspé, Quebec	440	64	30	28	28	187	101	2
Geraldton, Ontario	571	71	281	144	9	2	64	0
Gillam, Manitoba	1,018	76	680	60	4	170	28	0
Gjoa Haven, Nunavut	165	0	0	23	6	44	92	0
Goose Bay, Newfoundland and Labrador	3,026	550	307	942	195	702	180	150
Grise Fiord, Nunavut	24	0	0	24	0	0	0	0
Hall Beach, Nunavut	416	16	97	174	13	32	69	15
Havre St-Pierre, Quebec	1,376	834	313	178	36	13	2	0
Hay River, Northwest Territories	608	83	47	111	28	186	147	6
Hearst/René Fontaine Municipal, Ontario	98	32	21	44	1	0	0	0
Igloolik, Nunavut	316	65	28	108	2	9	104	0
Island Lake, Manitoba	893	245	52	449	2	129	16	0
Kapuskasing, Ontario	341	15	53	269	2	0	2	0
Kimmirut, Nunavut	56	1	0	55	0	0	0	0
Kugaaruk, Nunavut	385	172	1	136	0	32	37	7
Kugluktuk, Nunavut	500	136	96	60	8	86	108	6
Lourdes-de-Blanc-Sablon, Quebec	502	44	29	259	94	76	0	0
Mayo, Yukon	793	329	417	45	2	0	0	0
Moosonee, Ontario	1,583	313	302	629	171	102	66	0
Muskoka, Ontario	2,007	1,372	244	172	110	75	24	10
Nakina, Ontario	443	131	105	195	10	0	2	0
Nanisivik, Nunavut	42	3	1	12	0	21	0	5
Natashquan, Quebec	243	55	21	73	66	28	0	0
Norway House, Manitoba	348	17	32	298	1	0	0	0
Old Crow, Yukon	116	49	2	10	0	0	55	0
Pabok, Quebec	66	15	13	2	0	24	12	0
Peterborough, Ontario	834	707	49	28	24	14	4	8

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
Pickle Lake, Ontario	1,798	94	805	425	31	10	433	0
Pond Inlet, Nunavut	197	11	0	106	0	60	20	0
Prince Rupert/Seal Cove, British Columbia	1,827	308	1,441	23	0	55	0	0
Qikiqtarjuaq, Nunavut	106	4	5	44	0	5	48	0
Quesnel, British Columbia	416	254	2	6	154	0	0	0
Red Lake, Ontario	2,036	499	647	623	138	17	111	1
Repulse Bay, Nunavut	124	29	12	27	20	16	20	0
Resolute Bay, Nunavut	481	33	23	320	14	4	59	28
Rimouski, Quebec	313	201	56	40	2	2	12	0
Roberval, Quebec	621	431	70	14	70	4	32	0
Sandspit, British Columbia	1,025	322	27	287	75	119	173	22
Sanikiluaq, Nunavut	86	10	0	44	16	0	16	0
Sherbrooke, Quebec	539	421	62	30	14	0	6	6
St. Theresa Point, Manitoba	392	96	17	128	4	125	22	0
Stephenville, Newfoundland and Labrador	179	28	22	54	0	28	10	37
Stony Rapids, Saskatchewan	1,368	158	382	444	140	194	50	0
Sydney, Nova Scotia	641	117	79	35	4	272	102	32
Taloyoak, Nunavut	231	38	3	55	8	69	58	0
Teslin, Yukon	51	43	8	0	0	0	0	0
The Pas, Manitoba	407	51	82	146	6	82	40	0
Tofino, British Columbia	925	328	432	34	36	88	7	0
Trois-Rivières, Quebec	1,451	1,319	69	24	12	4	16	7
Tulita, Northwest Territories	261	69	102	69	2	0	19	0
Ulukhakt/Holman, Northwest Territories	66	3	2	30	7	0	24	0
Waskaganish, Quebec	226	4	10	20	50	142	0	0
Watson Lake, Yukon	713	487	145	26	22	21	2	10
Welland/Niagara Central, Ontario	201	174	19	2	0	0	6	0
Whale Cove, Nunavut	81	11	2	20	14	32	2	0
Wrigley, Northwest Territories	37	19	12	6	0	0	0	0
Yorkton Municipal, Saskatchewan	555	374	97	54	24	0	0	6
<b>Total (97)</b>	<b>51,440</b>	<b>17,556</b>	<b>10,641</b>	<b>11,304</b>	<b>3,081</b>	<b>4,812</b>	<b>3,383</b>	<b>663</b>

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

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	144	144	0
Baie-Comeau, Quebec	56	56	0
Baker Lake, Nunavut	12	12	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	2,519	2,519	0
Bromont, Quebec	172	172	0
Buffalo Narrows, Saskatchewan	16	16	0
Cambridge Bay, Nunavut	82	82	0
Chibougamau/Chapais, Quebec	16	16	0
Dauphin, Manitoba	262	262	0
Dawson, Yukon	57	57	0
Dawson Creek, British Columbia	38	36	2
Drummondville, Quebec	334	172	162
Dryden Regional, Ontario	72	72	0
Elliot Lake Municipal, Ontario	146	146	0
Fort Smith, Northwest Territories	16	16	0
Gaspé, Quebec	12	4	8
Gjoa Haven, Nunavut	43	14	29
Guelph, Ontario	1,696	1,696	0
Hay River, Northwest Territories	17	14	3
Island Lake, Manitoba	2	2	0
Kapuskasing, Ontario	160	160	0
Kimmirut, Nunavut	2	0	2
Kugaaruk, Nunavut	42	42	0
Kugluktuk, Nunavut	218	218	0
Lourdes-de-Blanc-Sablon, Quebec	24	24	0
Mayo, Yukon	14	14	0
Moosonee, Ontario	14	14	0
Muskoka, Ontario	700	700	0
Nanisivik, Nunavut	10	10	0
Peterborough, Ontario	1,611	1,589	22
Pickle Lake, Ontario	22	22	0
Quesnel, British Columbia	46	46	0
Red Lake, Ontario	52	46	6
Repulse Bay, Nunavut	19	17	2
Rimouski, Quebec	146	146	0
Roberval, Quebec	30	30	0
Sandspit, British Columbia	12	12	0
Sherbrooke, Quebec	953	953	0
Stony Rapids, Saskatchewan	28	28	0
Sydney, Nova Scotia	72	66	6
Taloyoak, Nunavut	10	10	0
Tofino, British Columbia	58	58	0
Trois-Rivières, Quebec	899	899	0
Waskaganish, Quebec	68	68	0
Watson Lake, Yukon	20	20	0
Welland/Niagara Central, Ontario	3,020	3,020	0
Yorkton Municipal, Saskatchewan	196	196	0
<b>Total (47)</b>	<b>14,158</b>	<b>13,916</b>	<b>242</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 ). For the airports which use daily air traffic records, all but one use Form 06-0065.

The remaining one airport, Chibougamau – Chapais, Quebec uses the same forms as airports with air traffic control towers (Forms 28-0010 and 28-0022).

The daily air traffic records (Form 06-0065) are designed to capture three data items for each aircraft arrival and/or departure for itinerant movements, and two items for local movements. Section A of the record dealing with itinerant movements reports the following information for each movement:

- (a) the aircraft registration or air carrier code and flight number;
- (b) the aircraft type;
- (c) the last station before landing at the reporting airport or the next station after take-off.

Section B of the record provides for the reporting of the number of local civil and local military movements for each day.

Due to revisions, the sum of totals released in this report may not equal the annual totals published in Aircraft Movement Statistics: Airports Without Air Traffic Control Towers: Annual Report (TP 577) - 51-210-X.

The daily air traffic records are completed on a daily basis and mailed to ASC where they are registered and manually edited for clarity and reliability. Survey respondents are advised by letter or telephone of any undue delays.

The Aviation Statistics Centre maintains a data base of parameter files of current information on all registered aircraft. Other parameter file information includes registered aircraft identifications and their corresponding aircraft types, gross take-off weights, types of power plant (piston, jet or turboprop); whether the aircraft are fixed wing, helicopters or gliders. This information also provides a basis for identifying type of flight (commercial, private and government) and the geographical area in which the flight takes place. The storage of this information allows for a reduction in the reporting burden of the survey respondents and limits the element of human error associated with the preparation of source documents.

## Data quality and limitations

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Although every effort is made to ensure the quality of the data, the statistics relative to airports where there is no air traffic control tower or flight service station should be used with due consideration for their limitations.

The validity of the source data reported is controlled through the use of computerized edit programs. Identified errors originating with the source documents or with data transmission are manually corrected by ASC editing staff.

To help respondents maintain a high level of accuracy in reporting, the Aviation Statistics Centre issues instructions explaining the various concepts of the required source data and the method of completing the forms. Respondents are also furnished with an "Air traffic designators" handbook (TP 143) showing the official Transport Canada aircraft type designators and the designators of various domestic and international air carriers. This handbook and another titled "Canada Flight Supplement" listing various airport codes, serve as reference to ensure the reporting of the proper aircraft identity and the last stop or next stop of flights at reporting airports.

At airports without towers or flight service stations, survey respondents, in performing their various assignments, are not always aware of all aircraft movements at their airport. For example, at small airports the airport manager may be responsible for both the administration and maintenance of the station facilities. At some airports the Daily air traffic records are filed by flying club managers who may not be completely familiar with other activities at other areas of the airport.

At airports with flying school operations it is sometimes difficult to record each individual local aircraft movement. In such cases, ASC would advise the airport manager to report local movements based on hours expended in flying training operations. Observations have shown that, on average, six circuits can be made during each hour of flying training. Therefore, 12 local aircraft movements would be counted for each hour of flying training. At stations where the circuits demand a different norm, the respondent will make corrections accordingly.

# Appendix I

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## Factors influencing the data

### 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. When comparing monthly data for current year versus previous year, please note that:

i) data for the following airports were included in the report for August, 2007 but were not available in August, 2008:

1. Liverpool/South Shore Regional, Nova Scotia
2. Lutselk'e, Northwest Territories
3. Paulatuk, Northwest Territories
4. Sachs Harbour, Northwest Territories
5. Tuktoyaktuk, Northwest Territories

ii) data for the following airports are included in August, 2008 but not in August, 2007:

1. Teslin, Yukon
2. Ulukhakot/Holman, Northwest Territories

## Appendix II

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### Glossary of terms

#### Air carrier

Aircraft operators, licensed by the Canadian Transportation Agency to transport persons, mail and/or goods by air.

Level I-III air carriers: Canadian air carriers that, in each of the two calendar years immediately preceding the report year, realized annual gross revenues of \$1,000,000 or more for the air services for which the air carrier held a licence. Also includes foreign air carriers.

Level IV-VI air carriers: Canadian air carriers that, in each of the two calendar years immediately preceding the report year, realized annual gross revenues of less than \$1,000,000 for the air services for which the air carrier held a licence. Since 2000, levels IV and VI are no longer applicable.

#### Aircraft movement

A take off, a landing, or a simulated approach by an aircraft. ATC MANOPS Amendment 8-8-83. NC-703.

#### Class of operation

Aircraft movements are classified as either "itinerant" or "local".

#### Commercial

Flights by aircraft operators licensed by the Canadian Transportation Agency to perform commercial air services. Commercial operations are divided into two categories: Air carrier and Other commercial.

#### Domestic itinerant movements

Movements, at a Canadian airport, of aircraft departing to or arriving from another point in Canada.

#### FSS

Flight service station.

#### Government-Civil

Aircraft owned by federal, provincial and municipal bodies as well as foreign states, but excluding those owned by crown corporations, boards and commissions. Such aircraft are coded "state" under "Purpose" in the Canadian civil aircraft register.

#### Government-Military

Aircraft of any branch of the armed forces of any nation.



## **Gross take-off weight**

The maximum weight for which the aircraft is licensed to operate.

## **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 Mirabel airport from London, England would appear under “other international”. If the same aircraft moved on to Toronto, both the departure at Mirabel and the arrival at Toronto would be shown as “domestic”.

## **Itinerant movements**

### **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 without control towers:**

An aircraft movement in which the aircraft remains in the close proximity of the airport. Local movements are often carried out during training flights (touch-and-go), equipment tests etc.

## **Other commercial**

Flights performed by Commercial aircraft operators not included in the Air carrier categories. Flying schools, agricultural sprayers, water-bombers, aerial photography and survey, etc.

## **Power plant**

The source of propulsion. For example, piston engines, turbo-propellers and jet engines. “Helicopters”, in this report, include both piston and turboshaft-driven engines.

## **Private aircraft**

Aircraft used solely for private purposes, not for hire and compensation, which are classified as “Private” or “Private restricted” in the Canadian civil aircraft register or similar registries of other countries. Owners include individuals, groups and business firms.

## **Runway 88**

Through control zone flights, i.e. flights which communicate with the tower while transiting the tower control zone to another destination without landing at the reporting airport.

Data for these runways are not included in any totals in this publication.

## **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.

## **Weight group**

The classification of weight classes in groups for statistical purposes.