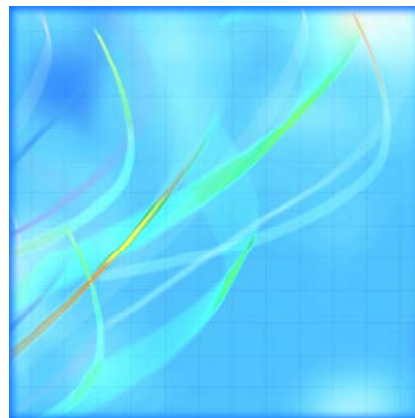


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Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



August 2010



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

August 2010

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- . not available for any reference period
- .. not available for a specific reference period
- ... not applicable
- 0 true zero or a value rounded to zero
- 0^s 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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This publication was prepared by the Aviation Statistics Centre, of the Transportation Division, Statistics Canada under the general direction of **Fred Barzyk**, Assistant Director, Transportation Division and **Norah Hillary**, Chief, Aviation Statistics Centre. **Kathie Davidson**, **Rose Krakower**, **John Scolli**, **Bev Pomfret** and **Jim Charinos** contributed to the preparation of this publication.

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Highlights

- Goose Bay, Newfoundland and Labrador, the most active site for August 2010, represented 5.2% of the total itinerant movements. Goose Bay recorded 2,840 take-offs and landings, up 20.7% from August 2009.
- Welland/Niagara Central, Ontario (3,113 movements) followed by Guelph, Ontario (3,072 movements) reported the greatest number of local movements in August 2010.

Text table 1

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

	August 2009	August 2010	Percentage change, August 2009 to August 2010	Year-to-date total		Percentage change 2009 to 2010
				2009	2010	
	number		percent	number		percent
Total	68,325	72,146	5.6	433,978	472,254	8.8
Itinerant movements						
Carrier	35,605	38,841	9.1	229,359	255,684	11.5
Other commercial	1,995	1,513	-24.2	13,594	10,633	-21.8
Private	7,421	7,106	-4.2	36,727	42,597	16.0
Government						
Civil	1,715	1,918	11.8	12,595	14,854	17.9
Military	1,109	1,279	15.3	8,613	10,408	20.8
Total	51,649	54,667	5.8	325,122	358,936	10.4
Local movements						
Civil	12,374	13,608	10.0	83,114	88,367	6.3
Military	977	23	-97.6	2,253	821	-63.6
Total	14,418	15,053	4.4	90,953	94,434	3.8
Number of airports in the survey	138	132	...	138	132	...

Analysis

In August 2010, the number of take-offs and landings at the 132 airports without air traffic control towers reached 72,146 movements. Year-over-year increases were reported by 74 of these airports. Welland/Niagara Central, Ontario (3,223 movements) followed by Guelph, Ontario (3,072 movements) were the most active sites in August 2010.

There were 54,667 itinerant movements (flights from one airport to another) recorded by 112 airports without air traffic control towers in August 2010. Goose Bay, Newfoundland and Labrador, the most active site for August 2010, recorded 2,840 take-offs and landings, up 20.7% from August 2009. Sixty-one airports reported year-over-year increases in itinerant movements.

There were 15,053 local movements (flights that remain in the vicinity of the airport) recorded by 53 airports without air traffic control towers in August 2010. Welland/Niagara Central, Ontario (3,113 movements) followed by Guelph, Ontario (3,072 movements) reported the greatest number of local movements in August 2010.

Related products

Selected publications from Statistics Canada

51-007-X	Aircraft Movement Statistics: NAV CANADA Towers and Flight Service Stations (TP 141)
51-206-X	Canadian Civil Aviation
51-209-X	Aircraft Movement Statistics: NAV CANADA Towers and Flight Service Stations: Annual Report (TP 577)
51-210-X	Aircraft Movement Statistics: Airports Without Air Traffic Control Towers: Annual Report (TP 577)

Selected CANSIM tables from Statistics Canada

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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401-0025	Itinerant movements, by type of operation, airports with NAV CANADA towers, annual
401-0026	Itinerant movements, by instrument flight rules, visual flight rules and runway 88, airports with NAV CANADA towers, annual
401-0027	Itinerant movements, by type of power plant, airports with NAV CANADA towers, annual
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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

Selected surveys from Statistics Canada

2715 Aircraft Movement Statistics

Selected summary tables from Statistics Canada

- *Aircraft movements by class of operation (monthly)*

Statistical tables

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	.	107	107	0
Amos Municipal, Quebec	29	254	132	122
Arviat, Nunavut	28	286	286	0
Aupaluk, Quebec	.	125	123	2
Baie-Comeau, Quebec	31	852	828	24
Baker Lake, Nunavut	31	958	942	16
Barrie-Orillia-Lake Simcoe Regional, Ontario	31	2,417	723	1,694
Bathurst, New Brunswick	31	322	322	0
Beaver Creek, Yukon	22	117	117	0
Berens River, Manitoba	..	203	..	..
Bloodvein River, Manitoba	..	156	..	..
Brochet, Manitoba	..	94	..	..
Bromont, Quebec	30	679	679	0
Buffalo Narrows, Saskatchewan	27	665	647	18
Burwash, Yukon	21	113	113	0
Cambridge Bay, Nunavut	31	1,040	972	68
Cape Dorset, Nunavut	17	100	100	0
Charlo, New Brunswick	31	202	202	0
Chevery, Quebec	28	306	306	0
Chibougamau/Chapais, Quebec	31	562	560	2
Clyde River, Nunavut	16	92	92	0
Collingwood, Ontario	31	1,122	984	138
Comox, British Columbia	31	1,719	1,719	0
Coral Harbour, Nunavut	30	345	345	0
Cross Lake, Manitoba	..	128	..	..
Dauphin, Manitoba	29	292	264	28
Dawson, Yukon	31	1,533	1,533	0
Dawson Creek, British Columbia	31	612	602	10
Déline, Northwest Territories	26	205	205	0
Digby, Nova Scotia	6	69	40	29
Drummondville, Quebec	31	742	448	294
Dryden Regional, Ontario	31	1,095	977	118
Elliot Lake Municipal, Ontario	31	568	486	82
Eureka, Nunavut	13	26	26	0
Faro, Yukon	31	378	378	0
Flin Flon, Manitoba	30	610	600	10
Fort Frances Municipal, Ontario	31	631	631	0
Fort Liard, Northwest Territories	13	37	37	0
Fort McPherson, Northwest Territories	4	11	11	0
Fort Resolution, Northwest Territories	10	33	33	0
Fort Simpson, Northwest Territories	31	303	303	0
Gamèti/Rae Lakes, Northwest Territories	18	80	80	0
Gaspé, Quebec	31	514	514	0
Geraldton, Ontario	31	291	249	42
Gillam, Manitoba	31	448	448	0
Gjoa Haven, Nunavut	27	139	139	0
Gods Lake Narrows, Manitoba	..	124	..	..
Gods River, Manitoba	..	192	..	..
Goose Bay, Newfoundland and Labrador	31	2,840	2,840	0
Grise Fiord, Nunavut	10	21	21	0
Guelph, Ontario	28	3,072	0	3,072
Hall Beach, Nunavut	30	420	420	0
Havre St-Pierre, Quebec	31	969	967	2
Hay River, Northwest Territories	31	547	541	6
Hearst/René Fontaine Municipal, Ontario	4	14	14	0
Igloolik, Nunavut	21	106	106	0
Ilford, Manitoba	..	30	..	..
Inukjuak, Quebec	.	226	224	2
Island Lake, Manitoba	31	1,042	1,042	0
Ivujivik, Quebec	.	158	156	2
Kangiqsualujuaq, Quebec	.	130	126	4
Kangirsuk, Quebec	.	233	233	0
Kapusking, Ontario	31	438	310	128
Kimmirut, Nunavut	17	55	55	0
Kugaaruk, Nunavut	30	298	285	13
Kugluktuk, Nunavut	31	954	379	575
Kuujuarapik, Quebec	31	516	516	0
Lac Brochet, Manitoba	..	198	..	..

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	..	114	..	..
Lourdes-de-Blanc-Sablon, Quebec	31	536	520	16
Lutsel'k'e, Northwest Territories	28	190	190	0
Mayo, Yukon	31	543	543	0
Miramichi, New Brunswick	31	991	991	0
Moosonee, Ontario	31	1,649	1,647	2
Muskoka, Ontario	31	2,170	1,657	513
Nakina, Ontario	31	412	408	4
Nanisivik, Nunavut	15	53	51	2
Natashquan, Quebec	30	239	239	0
Norway House, Manitoba	31	388	376	12
Old Crow, Yukon	31	124	124	0
Oxford House, Manitoba	..	206	..	..
Pabok, Quebec	17	46	46	0
Pangnirtung, Nunavut	29	278	278	0
Peterborough, Ontario	31	2,936	664	2,272
Pickle Lake, Ontario	31	1,675	1,635	40
Pikwitonei, Manitoba	..	18	..	..
Pond Inlet, Nunavut	24	118	118	0
Poplar River, Manitoba	..	200	..	..
Port-Menier, Quebec	15	185	185	0
Prince Rupert/Digby Island, British Columbia	23	225	225	0
Prince Rupert/Seal Cove, British Columbia	31	1,565	1,565	0
Pukatawagan, Manitoba	..	228	..	..
Puvirnituq, Quebec	..	661	552	109
Qikiqtarjuaq, Nunavut	23	207	205	2
Quaqtaq, Quebec	..	143	143	0
Quesnel, British Columbia	31	1,696	1,622	74
Red Lake, Ontario	31	2,292	2,117	175
Red Sucker Lake, Manitoba	..	168	..	..
Repulse Bay, Nunavut	28	191	183	8
Resolute Bay, Nunavut	31	710	710	0
Rimouski, Quebec	31	510	450	60
Roberval, Quebec	31	459	419	40
Salluit, Quebec	..	374	180	194
Sandspit, British Columbia	31	831	831	0
Sanikiluaq, Nunavut	12	64	64	0
Shamattawa, Manitoba	..	202	..	..
Sherbrooke, Quebec	22	387	165	222
South Indian Lake, Manitoba	..	44	..	..
St. Anthony, Newfoundland and Labrador	31	401	379	22
St-Augustin, Quebec	12	120	120	0
St. Theresa Point, Manitoba	31	508	508	0
Stephenville, Newfoundland and Labrador	30	245	245	0
Stony Rapids, Saskatchewan	31	1,470	1,454	16
Sydney, Nova Scotia	31	914	908	6
Tadoule Lake, Manitoba	..	76	..	..
Taloyoak, Nunavut	30	132	132	0
Tasiujaq, Quebec	..	138	138	0
The Pas, Manitoba	30	398	390	8
Thicket Portage, Manitoba	..	9	..	..
Tillsonburg, Ontario	..	1,537	444	1,093
Tofino, British Columbia	31	615	615	0
Trois-Rivières, Quebec	31	1,110	819	291
Tuktoyaktuk, Northwest Territories	30	472	472	0
Tulita, Northwest Territories	17	202	202	0
Umiujaq, Quebec	..	200	184	16
Waskaganish, Quebec	16	172	134	38
Watson Lake, Yukon	31	937	937	0
Welland/Niagara Central, Ontario	30	3,223	110	3,113
Wemindji, Quebec	21	110	110	0
Whale Cove, Nunavut	28	159	159	0
York Landing, Manitoba	..	36	..	..
Yorkton Municipal, Saskatchewan	31	770	566	204
Total (132)	31	72,146	54,667	15,053

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	107	.	.	.	0	0	0	.	0
Amos Municipal, Quebec	132	44	4	70	0	0	0	14	0
Arviat, Nunavut	286	271	2	9	0	0	0	2	2
Aupaluk, Quebec	123	.	.	.	.	.	.	.	.
Baie-Comeau, Quebec	828	532	35	127	0	0	1	107	26
Baker Lake, Nunavut	942	921	0	13	4	0	0	4	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	723	238	12	418	1	0	19	25	10
Bathurst, New Brunswick	322	216	2	19	32	0	33	14	6
Beaver Creek, Yukon	117	97	0	13	0	0	7	0	0
Bromont, Quebec	679	62	172	358	5	1	15	65	1
Buffalo Narrows, Saskatchewan	647	578	1	39	0	0	0	28	1
Burwash, Yukon	113	58	0	49	1	0	5	0	0
Cambridge Bay, Nunavut	972	926	2	16	0	0	0	22	6
Cape Dorset, Nunavut	100	89	0	2	0	0	0	9	0
Charlo, New Brunswick	202	44	11	116	0	0	15	16	0
Chevery, Quebec	306	276	10	20	0	0	0	0	0
Chibougamau/Chapais, Quebec	560	419	10	122	0	0	0	5	4
Clyde River, Nunavut	92	88	0	2	0	0	0	2	0
Collingwood, Ontario	984	90	96	796	0	0	0	0	2
Comox, British Columbia	1,719	1,142	0	14	4	2	2	78	477
Coral Harbour, Nunavut	345	341	0	2	0	0	0	2	0
Dauphin, Manitoba	264	129	31	46	0	0	1	19	38
Dawson, Yukon	1,533	1,213	134	148	12	0	8	18	0
Dawson Creek, British Columbia	602	445	13	120	0	0	0	6	18
Déline, Northwest Territories	205	195	0	1	0	0	0	9	0
Digby, Nova Scotia	40	17	0	19	0	0	4	0	0
Drummondville, Quebec	448	110	21	258	5	2	50	2	0
Dryden Regional, Ontario	977	664	8	94	6	0	29	158	18
Elliot Lake Municipal, Ontario	486	340	73	58	2	1	2	10	0
Eureka, Nunavut	26	20	0	0	6	0	0	0	0
Faro, Yukon	378	347	15	15	0	0	1	0	0
Flin Flon, Manitoba	600	496	0	79	0	0	6	19	0
Fort Frances Municipal, Ontario	631	449	2	96	2	0	56	24	2
Fort Liard, Northwest Territories	37	31	0	2	0	0	0	4	0
Fort McPherson, Northwest Territories	11	11	0	0	0	0	0	0	0
Fort Resolution, Northwest Territories	33	29	0	2	0	0	0	2	0
Fort Simpson, Northwest Territories	303	267	4	24	0	0	0	8	0
Gamèti/Rae Lakes, Northwest Territories	80	72	0	2	0	0	0	6	0
Gaspé, Quebec	514	357	40	61	0	0	1	55	0
Geraldton, Ontario	249	167	15	50	0	0	0	17	0
Gillam, Manitoba	448	422	0	16	0	0	0	10	0
Gjoa Haven, Nunavut	139	130	9	0	0	0	0	0	0
Goose Bay, Newfoundland and Labrador	2,840	2,095	82	166	115	21	179	86	96
Grise Fiord, Nunavut	21	17	0	0	0	0	0	0	4
Hall Beach, Nunavut	420	411	0	5	0	0	0	4	0
Havre St-Pierre, Quebec	967	693	0	235	0	0	0	39	0
Hay River, Northwest Territories	541	464	0	37	0	0	0	40	0
Hearst/René Fontaine Municipal, Ontario	14	9	0	4	0	0	0	1	0
Igloolik, Nunavut	106	105	0	1	0	0	0	0	0
Inukjuak, Quebec	224	.	.	.	.	.	.	.	.
Island Lake, Manitoba	1,042	1,015	2	15	0	0	0	10	0
Ivujivik, Quebec	156	.	.	.	.	.	.	.	.
Kangiqsualujuaq, Quebec	126	.	.	.	.	.	.	.	.
Kangirsuk, Quebec	233	.	.	.	.	.	.	.	.
Kapuskasing, Ontario	310	165	0	0	121	7	17	0	0
Kimirut, Nunavut	55	46	9	0	0	0	0	0	0
Kugaaruk, Nunavut	285	285	0	0	0	0	0	0	0
Kugluktuk, Nunavut	379	354	0	10	0	0	0	15	0
Kuujuarapik, Quebec	516	498	0	6	0	0	0	4	8
Lourdes-de-Blanc-Sablon, Quebec	520	376	97	25	1	0	0	19	2
Lutsel'k'e, Northwest Territories	190	183	0	2	0	0	0	5	0
Mayo, Yukon	543	503	21	16	0	0	0	3	0
Miramichi, New Brunswick	991	419	78	87	16	15	72	245	59
Moosonee, Ontario	1,647	1,554	0	52	0	0	0	41	0
Muskoka, Ontario	1,657	488	60	822	82	1	134	62	8
Nakina, Ontario	408	405	0	1	0	0	0	2	0
Nanisivik, Nunavut	51	49	0	0	0	0	0	0	2

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	239	205	0	22	0	0	0	12	0
Norway House, Manitoba	376	355	0	11	0	0	0	10	0
Old Crow, Yukon	124	105	0	2	9	0	0	8	0
Pabok, Quebec	46	0	3	7	0	0	0	36	0
Pangnirtung, Nunavut	278	259	0	9	0	0	0	6	4
Peterborough, Ontario	664	166	88	382	0	0	0	12	16
Pickle Lake, Ontario	1,635	1,521	2	66	2	0	16	28	0
Pond Inlet, Nunavut	118	84	5	2	0	0	0	2	25
Port-Menier, Quebec	185	178	0	7	0	0	0	0	0
Prince Rupert/Digby Island, British Columbia	225	225	0	0	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	1,565	1,360	0	78	23	0	7	97	0
Puvirnituq, Quebec	552	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	205	196	4	2	0	0	0	3	0
Quaqtaq, Quebec	143	.	.	.	.	.	.	.	.
Quesnel, British Columbia	1,622	1,500	16	98	0	0	2	6	0
Red Lake, Ontario	2,117	1,810	7	171	4	0	50	61	14
Repulse Bay, Nunavut	183	183	0	0	0	0	0	0	0
Resolute Bay, Nunavut	710	424	0	4	0	0	0	38	244
Rimouski, Quebec	450	115	23	299	1	0	0	10	2
Roberval, Quebec	419	261	14	111	2	0	0	29	2
Salluit, Quebec	180	.	.	.	.	.	.	.	.
Sandspit, British Columbia	831	784	2	33	0	0	2	6	4
Sanikiluaq, Nunavut	64	62	0	2	0	0	0	0	0
Sherbrooke, Quebec	165	27	5	97	0	1	3	10	22
St. Anthony, Newfoundland and Labrador	379	316	18	21	0	0	0	20	4
St-Augustin, Quebec	120	82	30	8	0	0	0	0	0
St. Theresa Point, Manitoba	508	506	0	0	0	0	0	2	0
Stephenville, Newfoundland and Labrador	245	128	15	8	10	0	8	60	16
Stony Rapids, Saskatchewan	1,454	1,352	45	33	0	0	2	20	2
Sydney, Nova Scotia	908	710	25	68	29	0	16	20	40
Taloyoak, Nunavut	132	130	0	1	0	0	0	0	1
Tasiujaq, Quebec	138	.	.	.	.	.	.	.	.
The Pas, Manitoba	390	326	4	22	0	0	0	36	2
Tillsonburg, Ontario	444	..	..	..	..	..	..	..	..
Tofino, British Columbia	615	369	39	145	0	0	26	22	14
Trois-Rivières, Quebec	819	474	57	258	2	0	12	0	16
Tuktoyaktuk, Northwest Territories	472	453	2	0	4	1	0	10	2
Tulita, Northwest Territories	202	194	0	2	0	0	0	6	0
Umiujaq, Quebec	184	.	.	.	.	.	.	.	.
Waskaganish, Quebec	134	134	0	0	0	0	0	0	0
Watson Lake, Yukon	937	738	1	193	0	0	1	4	0
Welland/Niagara Central, Ontario	110	9	6	50	0	6	39	0	0
Wemindji, Quebec	110	108	0	2	0	0	0	0	0
Whale Cove, Nunavut	159	158	1	0	0	0	0	0	0
Yorkton Municipal, Saskatchewan	566	357	30	112	0	0	0	8	59
Total (112)	54,667	38,841	1,513	7,106	501	58	841	1,918	1,279

Table 2-2
Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
number						
Akulivik, Quebec	107	.	.	.	.	..
Amos Municipal, Quebec	132	16	38	68	10	0
Arviat, Nunavut	286	0	233	9	44	0
Aupaluk, Quebec	123	.	.	.	.	..
Baie-Comeau, Quebec	828	54	410	205	159	0
Baker Lake, Nunavut	942	0	329	171	442	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	723	25	67	502	129	0
Bathurst, New Brunswick	322	4	165	138	15	0
Beaver Creek, Yukon	117	0	82	22	13	0
Bromont, Quebec	679	20	77	537	45	0
Buffalo Narrows, Saskatchewan	647	1	443	140	63	0
Burwash, Yukon	113	0	0	56	57	0
Cambridge Bay, Nunavut	972	75	626	182	89	0
Cape Dorset, Nunavut	100	0	91	1	8	0
Charlo, New Brunswick	202	18	70	94	18	2
Chevery, Quebec	306	0	264	21	20	1
Chibougamau/Chapais, Quebec	560	7	292	165	96	0
Clyde River, Nunavut	92	0	87	5	0	0
Collingwood, Ontario	984	16	40	880	42	4
Comox, British Columbia	1,719	294	934	249	210	32
Coral Harbour, Nunavut	345	0	217	0	128	0
Dauphin, Manitoba	264	13	128	113	10	0
Dawson, Yukon	1,533	0	327	717	489	0
Dawson Creek, British Columbia	602	30	289	174	109	0
Déline, Northwest Territories	205	0	152	41	12	0
Digby, Nova Scotia	40	0	0	38	2	0
Drummondville, Quebec	448	0	9	376	61	2
Dryden Regional, Ontario	977	39	546	241	151	0
Elliot Lake Municipal, Ontario	486	4	229	150	103	0
Eureka, Nunavut	26	0	26	0	0	0
Faro, Yukon	378	0	41	53	284	0
Flin Flon, Manitoba	600	9	376	168	47	0
Fort Frances Municipal, Ontario	631	6	377	207	41	0
Fort Liard, Northwest Territories	37	0	10	19	8	0
Fort McPherson, Northwest Territories	11	0	11	0	0	0
Fort Resolution, Northwest Territories	33	0	21	8	4	0
Fort Simpson, Northwest Territories	303	0	197	86	20	0
Gamèti/Rae Lakes, Northwest Territories	80	0	70	2	8	0
Gaspé, Quebec	514	20	370	111	13	0
Geraldton, Ontario	249	0	137	85	27	0
Gillam, Manitoba	448	2	134	297	15	0
Gjoa Haven, Nunavut	139	4	134	0	1	0
Goose Bay, Newfoundland and Labrador	2,840	430	1,627	158	625	0
Grise Fiord, Nunavut	21	0	21	0	0	0
Hall Beach, Nunavut	420	2	255	16	147	0
Havre St-Pierre, Quebec	967	0	193	231	543	0
Hay River, Northwest Territories	541	0	353	180	8	0
Hearst/René Fontaine Municipal, Ontario	14	0	5	4	5	0
Igloolik, Nunavut	106	0	95	1	10	0
Inukjuak, Quebec	224	.	.	.	.	..
Island Lake, Manitoba	1,042	2	746	175	119	0
Ivujivik, Quebec	156	.	.	.	.	..
Kangiqsualujuaq, Quebec	126	.	.	.	.	..
Kangirsuk, Quebec	233	.	.	.	.	..
Kapuskasung, Ontario	310	4	279	6	21	0
Kimirut, Nunavut	55	0	41	0	14	0
Kugaaruk, Nunavut	285	6	138	2	139	0
Kugluktuk, Nunavut	379	13	278	54	34	0
Kuujuarapik, Quebec	516	2	475	18	21	0
Lourees-de-Blanc-Sablon, Quebec	520	8	394	83	35	0
Lutsel'k'e, Northwest Territories	190	0	124	31	35	0
Mayo, Yukon	543	0	200	205	138	0
Miramichi, New Brunswick	991	64	187	723	17	0
Moosonee, Ontario	1,647	4	892	578	173	0
Muskoka, Ontario	1,657	194	214	1,145	103	1
Nakina, Ontario	408	0	383	13	12	0
Nanisivik, Nunavut	51	0	49	0	2	0
Natashquan, Quebec	239	4	179	20	36	0

Table 2-2 – continued

Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Norway House, Manitoba	376	0	335	35	6	0
Old Crow, Yukon	124	0	91	21	12	0
Pabok, Quebec	46	14	22	10	0	0
Pangnirtung, Nunavut	278	0	226	3	49	0
Peterborough, Ontario	664	53	40	532	39	0
Pickle Lake, Ontario	1,635	1	1,411	116	107	0
Pond Inlet, Nunavut	118	0	91	9	18	0
Port-Menier, Quebec	185	0	66	117	2	0
Prince Rupert/Digby Island, British Columbia	225	0	77	148	0	0
Prince Rupert/Seal Cove, British Columbia	1,565	0	294	853	418	0
Puvirnituq, Quebec	552	.	.	.	.	.
Qikiqtarjuaq, Nunavut	205	0	94	0	111	0
Quaqtaq, Quebec	143	.	.	.	.	.
Quesnel, British Columbia	1,622	8	365	115	1,134	0
Red Lake, Ontario	2,117	20	1,207	852	38	0
Repulse Bay, Nunavut	183	0	139	0	44	0
Resolute Bay, Nunavut	710	27	494	29	160	0
Rimouski, Quebec	450	8	78	339	25	0
Roberval, Quebec	419	4	72	204	139	0
Salluit, Quebec	180	.	.	.	.	.
Sandspit, British Columbia	831	36	261	13	521	0
Sanikiluaq, Nunavut	64	0	64	0	0	0
Sherbrooke, Quebec	165	4	3	104	54	0
St. Anthony, Newfoundland and Labrador	379	13	328	22	16	0
St-Augustin, Quebec	120	0	60	32	26	0
St. Theresa Point, Manitoba	508	3	384	120	1	0
Stephenville, Newfoundland and Labrador	245	60	93	23	69	0
Stony Rapids, Saskatchewan	1,454	6	589	317	542	0
Sydney, Nova Scotia	908	194	448	196	70	0
Taloyoak, Nunavut	132	4	122	1	5	0
Tasiujaq, Quebec	138	.	.	.	.	.
The Pas, Manitoba	390	5	222	117	46	0
Tillsonburg, Ontario	444	..	..	..	..	..
Tofino, British Columbia	615	17	140	428	30	0
Trois-Rivières, Quebec	819	35	17	693	70	2
Tuktoyaktuk, Northwest Territories	472	0	320	95	57	0
Tulita, Northwest Territories	202	0	114	68	20	0
Umiujaq, Quebec	184	.	.	.	.	.
Waskaganish, Quebec	134	0	122	12	0	0
Watson Lake, Yukon	937	2	44	379	511	1
Welland/Niagara Central, Ontario	110	4	0	104	0	0
Wemindji, Quebec	110	0	104	4	2	0
Whale Cove, Nunavut	159	0	145	0	14	0
Yorkton Municipal, Saskatchewan	566	48	65	411	42	0
Total (112)	54,667	1,956	23,924	16,496	9,628	45

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	107	.	..	..	.	.	.	.
Amos Municipal, Quebec	132	72	6	36	2	2	14	0
Arviat, Nunavut	286	51	10	67	18	55	85	0
Aupaluk, Quebec	123	.	..	..	.	.	.	.
Baie-Comeau, Quebec	828	215	142	193	80	128	59	11
Baker Lake, Nunavut	942	455	156	88	45	96	96	6
Barrie-Orillia-Lake Simcoe Regional, Ontario	723	515	102	54	43	4	5	0
Bathurst, New Brunswick	322	88	63	51	2	64	54	0
Beaver Creek, Yukon	117	25	10	4	0	0	78	0
Bromont, Quebec	679	557	25	78	5	5	6	3
Buffalo Narrows, Saskatchewan	647	76	73	409	78	0	10	1
Burwash, Yukon	113	109	0	4	0	0	0	0
Cambridge Bay, Nunavut	972	111	103	281	117	174	132	54
Cape Dorset, Nunavut	100	6	3	37	0	26	26	2
Charlo, New Brunswick	202	96	21	55	12	12	4	2
Chevery, Quebec	306	36	6	104	160	0	0	0
Chibougamau/Chapais, Quebec	560	217	53	154	46	85	5	0
Clyde River, Nunavut	92	0	2	26	0	10	54	0
Collingwood, Ontario	984	862	92	14	2	6	4	4
Comox, British Columbia	1,719	252	100	105	531	312	79	340
Coral Harbour, Nunavut	345	128	0	47	54	4	112	0
Dauphin, Manitoba	264	114	3	124	15	8	0	0
Dawson, Yukon	1,533	950	275	86	6	0	216	0
Dawson Creek, British Columbia	602	267	34	49	144	105	3	0
Déline, Northwest Territories	205	21	62	92	0	0	30	0
Digby, Nova Scotia	40	34	6	0	0	0	0	0
Drummondville, Quebec	448	422	17	9	0	0	0	0
Dryden Regional, Ontario	977	235	166	463	21	20	56	16
Elliot Lake Municipal, Ontario	486	226	99	147	2	8	0	4
Eureka, Nunavut	26	0	0	22	4	0	0	0
Faro, Yukon	378	337	15	26	0	0	0	0
Flin Flon, Manitoba	600	116	97	282	7	94	4	0
Fort Frances Municipal, Ontario	631	130	166	318	15	2	0	0
Fort Liard, Northwest Territories	37	14	15	8	0	0	0	0
Fort McPherson, Northwest Territories	11	0	1	8	0	0	2	0
Fort Resolution, Northwest Territories	33	6	9	4	0	0	14	0
Fort Simpson, Northwest Territories	303	74	95	30	2	0	102	0
Gamèti/Rae Lakes, Northwest Territories	80	10	26	36	0	4	4	0
Gaspé, Quebec	514	70	54	72	10	218	89	1
Geraldton, Ontario	249	44	80	106	10	0	9	0
Gillam, Manitoba	448	29	285	21	4	107	2	0
Gjoa Haven, Nunavut	139	0	0	20	7	48	62	2
Goose Bay, Newfoundland and Labrador	2,840	450	309	891	292	585	207	106
Grise Fiord, Nunavut	21	0	0	21	0	0	0	0
Hall Beach, Nunavut	420	30	88	143	7	46	102	4
Havre St-Pierre, Quebec	967	474	300	99	78	16	0	0
Hay River, Northwest Territories	541	63	78	84	112	75	129	0
Hearst/René Fontaine Municipal, Ontario	14	7	0	7	0	0	0	0
Igloolik, Nunavut	106	10	1	16	8	42	29	0
Inukjuak, Quebec	224	.	..	..	.	.	.	.
Island Lake, Manitoba	1,042	240	52	459	50	166	71	4
Ivujivik, Quebec	156	.	..	..	.	.	.	.
Kangiqsualujuaq, Quebec	126	.	..	..	.	.	.	.
Kangirsuk, Quebec	233	.	..	..	.	.	.	.
Kapuskasing, Ontario	310	14	46	232	10	6	2	0
Kimmirut, Nunavut	55	14	0	41	0	0	0	0
Kugaaruk, Nunavut	285	139	39	26	8	31	41	1
Kugluktuk, Nunavut	379	34	46	65	9	90	127	8
Kuujuarapik, Quebec	516	27	12	187	4	104	180	2
Lou-des-de-Blanc-Sablon, Quebec	520	60	56	182	108	112	2	0
Lutsek'e, Northwest Territories	190	39	89	50	4	4	4	0
Mayo, Yukon	543	243	236	60	4	0	0	0
Miramichi, New Brunswick	991	527	189	72	137	66	0	0
Moosonee, Ontario	1,647	385	291	606	154	127	84	0
Muskoka, Ontario	1,657	1,119	159	165	91	74	44	5
Nakina, Ontario	408	25	178	142	63	0	0	0
Nanisivik, Nunavut	51	0	2	17	0	0	30	2

Table 2-3 – continued

Itinerant movements by aircraft weight groups

	Total itinerant movements	Gross take-off weight in kilograms						
		2 000 and under	2 001 to 4 000	4 001 to 5 670	5 671 to 9 000	9 001 to 18 000	18 001 to 35 000	35 001 and over
		number						
Natashquan, Quebec	239	46	8	97	84	4	0	0
Norway House, Manitoba	376	13	24	334	1	4	0	0
Old Crow, Yukon	124	30	3	14	0	0	62	15
Pabok, Quebec	46	6	4	0	0	22	14	0
Pangnirtung, Nunavut	278	36	12	95	8	58	69	0
Peterborough, Ontario	664	525	34	42	28	14	15	6
Pickle Lake, Ontario	1,635	155	788	275	84	1	322	10
Pond Inlet, Nunavut	118	18	9	47	3	17	21	3
Port-Menier, Quebec	185	5	114	39	15	12	0	0
Prince Rupert/Digby Island, British Columbia	225	0	225	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	1,565	256	1,257	29	0	21	2	0
Puvirnituq, Quebec	552	.	..	..	.	.	.	.
Qikiqtarjuaq, Nunavut	205	97	8	44	6	21	29	0
Quaqtaq, Quebec	143	.	..	..	.	.	.	.
Quesnel, British Columbia	1,622	762	36	368	422	34	0	0
Red Lake, Ontario	2,117	242	935	584	243	18	95	0
Repulse Bay, Nunavut	183	42	1	43	50	3	44	0
Resolute Bay, Nunavut	710	7	57	441	28	12	78	87
Rimouski, Quebec	450	325	39	68	8	2	8	0
Roberval, Quebec	419	271	84	37	2	0	25	0
Salluit, Quebec	180	.	..	..	.	.	.	.
Sandspit, British Columbia	831	300	22	239	62	5	183	20
Sanikiluaq, Nunavut	64	0	0	34	10	12	8	0
Sherbrooke, Quebec	165	130	6	24	0	3	2	0
St. Anthony, Newfoundland and Labrador	379	10	24	119	62	160	1	3
St-Augustin, Quebec	120	58	2	4	52	4	0	0
St. Theresa Point, Manitoba	508	99	16	221	2	135	34	1
Stephenville, Newfoundland and Labrador	245	43	34	35	16	59	10	48
Stony Rapids, Saskatchewan	1,454	406	315	472	147	108	6	0
Sydney, Nova Scotia	908	177	87	61	22	377	76	108
Taloyoak, Nunavut	132	4	10	20	4	47	47	0
Tasiujaq, Quebec	138	.	..	..	.	.	.	.
The Pas, Manitoba	390	62	79	126	3	92	28	0
Tillsonburg, Ontario	444	.	..	..	.	.	.	.
Tofino, British Columbia	615	189	267	58	23	69	5	4
Trois-Rivières, Quebec	819	701	56	18	9	17	12	6
Tuktoyaktuk, Northwest Territories	472	71	16	315	2	66	0	2
Tulita, Northwest Territories	202	56	65	61	0	0	20	0
Umiujaq, Quebec	184	.	..	..	.	.	.	.
Waskaganish, Quebec	134	4	8	12	6	104	0	0
Watson Lake, Yukon	937	632	192	75	29	6	3	0
Welland/Niagara Central, Ontario	110	88	18	0	0	0	2	2
Wemindji, Quebec	110	4	2	25	14	65	0	0
Whale Cove, Nunavut	159	14	0	56	38	0	51	0
Yorkton Municipal, Saskatchewan	566	298	135	79	48	0	4	2
Total (112)	54,667	17,052	9,635	11,906	4,112	4,713	3,744	895

Table 3
Local movements by type of operation

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	122	122	0
Aupaluk, Quebec	2	.	.
Baie-Comeau, Quebec	24	24	0
Baker Lake, Nunavut	16	16	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	1,694	1,694	0
Buffalo Narrows, Saskatchewan	18	18	0
Cambridge Bay, Nunavut	68	68	0
Chibougamau/Chapais, Quebec	2	2	0
Collingwood, Ontario	138	134	4
Dauphin, Manitoba	28	28	0
Dawson Creek, British Columbia	10	10	0
Digby, Nova Scotia	29	29	0
Drummondville, Quebec	294	294	0
Dryden Regional, Ontario	118	118	0
Elliot Lake Municipal, Ontario	82	82	0
Flin Flon, Manitoba	10	10	0
Geraldton, Ontario	42	42	0
Guelph, Ontario	3,072	3,072	0
Havre St-Pierre, Quebec	2	2	0
Hay River, Northwest Territories	6	6	0
Inukjuak, Quebec	2	.	.
Ivujivik, Quebec	2	.	.
Kangiqsualujuaq, Quebec	4	.	.
Kapuskasing, Ontario	128	128	0
Kugaaruk, Nunavut	13	13	0
Kugluktuk, Nunavut	575	575	0
Lourdes-de-Blanc-Sablon, Quebec	16	16	0
Moosonee, Ontario	2	2	0
Muskoka, Ontario	513	513	0
Nakina, Ontario	4	4	0
Nanisivik, Nunavut	2	2	0
Norway House, Manitoba	12	12	0
Peterborough, Ontario	2,272	2,270	2
Pickle Lake, Ontario	40	40	0
Puvirnituq, Quebec	109	.	.
Qikiqtarjuaq, Nunavut	2	2	0
Quesnel, British Columbia	74	74	0
Red Lake, Ontario	175	173	2
Repulse Bay, Nunavut	8	8	0
Rimouski, Quebec	60	60	0
Roberval, Quebec	40	40	0
Salluit, Quebec	194	.	.
Sherbrooke, Quebec	222	214	8
St. Anthony, Newfoundland and Labrador	22	22	0
Stony Rapids, Saskatchewan	16	16	0
Sydney, Nova Scotia	6	6	0
The Pas, Manitoba	8	8	0
Tillsonburg, Ontario	1,093	..	..
Trois-Rivières, Quebec	291	290	1
Umiujaq, Quebec	16	.	.
Waskaganish, Quebec	38	38	0
Welland/Niagara Central, Ontario	3,113	3,113	0
Yorkton Municipal, Saskatchewan	204	198	6
Total (53)	15,053	13,608	23

Methodology

Airports without air traffic control towers

Survey universe

The statistics in this publication reflect the number of aircraft movements reported to the Aviation Statistics Centre (ASC) by airport and carrier personnel, members of flying clubs and employees of various levels of government at airports without control towers across Canada. There are approximately 6,000 aerodromes in Canada, including land (runways and/or heliports) and water facilities. Of these, approximately 1,300 are airports operating under licences issued by Transport Canada (including those listed in 51-007-X and most of those listed in this publication). Criteria for inclusion in this publication are the size and scope of operation and the importance in establishing regional traffic patterns.

Coverage

The statistics appearing in this publication were compiled in most cases from daily air traffic records received by the ASC. The data for 19 of Manitoba's airports are submitted by the Department of Highways and Transportation of the Manitoba Government on the Manitoba airport activity summary (See Factors influencing the data in Appendix I).

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

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

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

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

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

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

Data quality and limitations

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

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 August, 2009 but were not available in August, 2010:

- Aklavik, Northwest Territories
- Chesterfield Inlet, Nunavut
- Eastmain River, Quebec
- Fort Smith, Northwest Territories
- Paulatuk, Northwest Territories
- Sachs Harbour, Northwest Territories
- Teslin, Yukon
- Ulukhakot/Holman, Northwest Territories
- Wrigley, Northwest Territories

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

- Collingwood, Ontario
- Miramichi, New Brunswick
- Port-Menier, Quebec

Appendix II

Glossary of terms

Air carrier

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

Level I-III air carriers: Canadian air carriers that, in the calendar year immediately preceding the report year, realized annual gross revenues of \$2,000,000 or more for the air services for which the air carrier held a licence. Also includes foreign air carriers.

Level IV-VI air carriers: Canadian air carriers that, in the calendar year immediately preceding the report year, realized annual gross revenues of less than \$2,000,000 for the air services for which the air carrier held a licence. Between 2000 and 2009, levels IV and VI were not applicable.

Aircraft movement

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

Class of operation

Aircraft movements are classified as either "Itinerant" or "Local".

Commercial

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

Domestic itinerant movements

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

FSS

Flight service station.

Government – Civil

Aircraft owned by federal, provincial and municipal bodies as well as foreign states, but excluding those owned by crown corporations, boards and commissions. Such aircraft are coded "3" under "Purpose" in the Canadian civil aircraft register.

Government – Military

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

Gross take-off weight

The maximum weight for which the aircraft is licensed to operate. For operational purposes, all weights are rounded upwards to the next 1,000 kilograms. Thus 3,200 kilograms becomes 4,000 kilograms.

I.F.R. flight

A flight conducted in accordance with Instrument flight rules.

International movements

Movements, at a Canadian airport, of aircraft arriving from or departing to a point outside Canada. International movements are subclassified into "transborder" (to or from a point in the United States including Alaska, Hawaii, and Puerto Rico), and "other international" (to or from points in countries other than Canada and the United States). Since aircraft movements are reported on the basis of place "arrived from" or "departed to", an arrival at Halifax airport from London, England would appear under "other international". If the same aircraft moved on to Toronto, both the departure at Halifax and the arrival at Toronto would be shown as "domestic".

Itinerant movements

At airports **with** control towers and/or flight service stations: for the purpose of completing air traffic records, itinerant movements are considered as movements in which aircraft proceed to or arrive from another location; or where aircraft leave the circuit but return without landing at another airport. At airports without control towers: an aircraft movement in which the aircraft arrives from or departs to a point other than the reporting airport; or a movement by an aircraft that leaves the close proximity of an airport and returns without landing at another airport.

Local movements

At airports **with** control towers and/or flight service stations: for the purpose of completing air traffic records, local movements are considered as movements in which the aircraft remains in the circuit. At airports **without** control towers: an aircraft movement in which the aircraft remains in the close proximity of the airport. Local movements are often carried out during training flights (touch-and-go), equipment tests etc.

Other commercial

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

Power plant

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

Private aircraft

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

Runway 88

Through control zone flights, i.e. flights which communicate with the tower while transiting the tower control zone to another destination without landing at the reporting airport. Data for these runways are not included in the grand total.

Simulated approaches

Movements that are either missed instrument or practice instrument approaches without landing.

TC

Transport Canada

Tower control zone

A controlled airspace within the proximity of an air traffic control tower, usually within a radius of less than 24 kilometres of the tower.

V.F.R. flight

A flight conducted in accordance with Visual flight rules.

Weight group

The classification of weight classes in groups for statistical purposes.