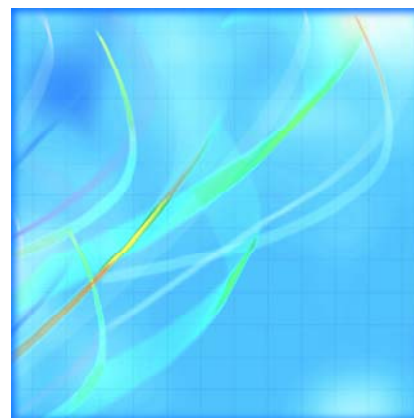


Catalogue no. 51-008-X

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



October 2011



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Statistics Canada
Transportation Division

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

October 2011

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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
- * significantly different from reference category ($p < 0.05$)

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Highlights

Goose Bay, Newfoundland and Labrador, the most active site in October 2011, recorded 2,784 itinerant movements. This represented 6.6% of the total itinerant movements registered by 113 airports without air traffic control towers.

Peterborough, Ontario (2,578 movements) followed by Drummondville, Quebec (1,604 movements) recorded the greatest number of local movements in October 2011.

Text table 1

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

	October 2010	October 2011	Percentage change, October 2010 to October 2011	Year-to-date total		Percentage change 2010 to 2011
				2010	2011	
	number		percent	number		percent
Total	55,772	54,904	-1.6	591,321	582,589	-1.5
Itinerant movements						
Carrier	29,580	29,353	-0.8	320,849	329,710	2.8
Other commercial	1,087	1,137	4.6	12,257	12,550	2.4
Private	4,970	5,988	20.5	52,854	50,786	-3.9
Government						
Civil	1,476	1,547	4.8	18,279	18,814	2.9
Military	793	954	20.3	12,119	11,597	-4.3
Total	41,070	42,036	2.4	447,768	452,637	1.1
Local movements						
Civil	11,016	8,976	-18.5	109,688	94,304	-14.0
Military	1,018	1,245	22.3	3,203	2,959	-7.6
Total	12,574	10,957	-12.9	120,107	106,562	-11.3
Number of airports in the survey	137	132	...	137	132	...

Analysis

In October 2011, the number of take-offs and landings at the 132 airports without air traffic control towers reached 54,904 movements. Peterborough, Ontario (3,292 movements) followed by Goose Bay, Newfoundland and Labrador (2,784 movements) were the most active sites. Of the 129 airports for which year-over-year comparisons were possible, increases were reported by 62 of these airports.

There were 42,036 itinerant movements (flights from one airport to another) recorded by 113 airports without air traffic control towers in October 2011. Goose Bay, Newfoundland and Labrador (2,784 movements) followed by Red Lake, Ontario (1,955 movements) recorded the greatest number of itinerant movements in October 2011.

Forty-four airports without air traffic control towers reported 10,957 local movements (flights that remain in the vicinity of the airport) in October 2011. Peterborough, Ontario, the most active site, recorded 2,578 take-offs and landings, up 27.6% from 2010. This represented 23.5% of the total local movements reported.

Related products

Selected publications from Statistics Canada

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)

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
401-0021	Monthly aircraft movements, by class of operation and type of operation, airports without air traffic control towers
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401-0026	Itinerant movements, by instrument flight rules, visual flight rules and runway 88, airports with NAV CANADA towers, annual
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401-0035	Itinerant movements, by aircraft gross take-off weight, airports with NAV CANADA flight service stations, annual
401-0036	Domestic and international itinerant movements, by type of operation, airports with NAV CANADA flight service stations, annual
401-0037	Annual aircraft movements, by class of operation and type of operation, airports without air traffic control towers
401-0038	Annual itinerant movements, by weight group and type of power plant, airports without air traffic control towers

Selected surveys from Statistics Canada

2715	Aircraft Movement Statistics
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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	.	164	164	0
Amos Municipal, Quebec	31	190	116	74
Arctic Bay, Nunavut	21	59	58	1
Arviat, Nunavut	30	232	232	0
Aupaluk, Quebec	.	146	140	6
Baie-Comeau, Quebec	31	821	817	4
Baker Lake, Nunavut	31	389	389	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	31	2,006	648	1,358
Bathurst, New Brunswick	31	228	228	0
Beaver Creek, Yukon	9	16	16	0
Berens River, Manitoba	..	214	..	..
Bloodvein River, Manitoba	..	168	..	..
Brochet, Manitoba	..	80	..	..
Bromont, Quebec	29	566	566	0
Buffalo Narrows, Saskatchewan	28	602	570	32
Burwash, Yukon	13	34	34	0
Cambridge Bay, Nunavut	30	442	355	87
Cape Dorset, Nunavut	17	80	80	0
Charlo, New Brunswick	21	101	101	0
Chesterfield Inlet, Nunavut	25	144	144	0
Chevery, Quebec	27	358	358	0
Chibougamau/Chapais, Quebec	30	430	430	0
Collingwood, Ontario	31	1,197	973	224
Comox, British Columbia	31	1,553	1,553	0
Coral Harbour, Nunavut	27	173	173	0
Cross Lake, Manitoba	..	111	..	..
Dauphin, Manitoba	29	297	297	0
Dawson, Yukon	31	605	604	1
Dawson Creek, British Columbia	31	676	494	182
Déline, Northwest Territories	26	162	162	0
Digby, Nova Scotia	18	96	41	55
Drummondville, Quebec	31	2,148	544	1,604
Dryden Regional, Ontario	31	900	838	62
Eastmain River, Quebec	25	112	112	0
Elliot Lake Municipal, Ontario	29	331	257	74
Eureka, Nunavut	4	6	6	0
Faro, Yukon	28	239	239	0
Flin Flon, Manitoba	31	609	609	0
Fort Frances Municipal, Ontario	31	561	561	0
Fort Liard, Northwest Territories	17	136	136	0
Fort McPherson, Northwest Territories	6	14	14	0
Fort Resolution, Northwest Territories	6	20	20	0
Fort Simpson, Northwest Territories	29	156	156	0
Fort Smith, Northwest Territories	18	230	230	0
Gamèti/Rae Lakes, Northwest Territories	20	67	67	0
Gaspé, Quebec	31	362	362	0
Geraldton, Ontario	26	146	128	18
Gillam, Manitoba	31	274	274	0
Gjoa Haven, Nunavut	21	112	112	0
Gods Lake Narrows, Manitoba	..	72	..	..
Gods River, Manitoba	..	110	..	..
Goose Bay, Newfoundland and Labrador	31	2,784	2,784	0
Hall Beach, Nunavut	29	183	183	0
Havre St-Pierre, Quebec	30	452	440	12
Hay River, Northwest Territories	31	504	465	39
Hearst/René Fontaine Municipal, Ontario	17	54	54	0
Igloolik, Nunavut	27	124	121	3
Ilford, Manitoba	..	28	..	..
Inukjuak, Quebec	.	225	225	0
Island Lake, Manitoba	31	1,279	1,279	0
Ivujivik, Quebec	.	88	88	0
Kangiqsualujuaq, Quebec	.	135	135	0
Kangirsuk, Quebec	.	212	212	0
Kapuskasing, Ontario	31	414	330	84
Kimirut, Nunavut	16	40	40	0
Kugaaruk, Nunavut	19	69	69	0
Kugluktuk, Nunavut	29	276	234	42
Kuujuarapik, Quebec	31	563	563	0

Table 1 – continued

Total aircraft movements by class of operation

	Number of days reported for current month	Total, itinerant and local movements	Total itinerant movements	Total local movements
		number		
Lac Brochet, Manitoba	..	90	..	..
Little Grand Rapids, Manitoba	..	82	..	..
Lourdes-de-Blanc-Sablon, Quebec	29	450	432	18
Lutselk'e, Northwest Territories	22	94	94	0
Mayo, Yukon	25	359	340	19
Miramichi, New Brunswick	30	361	361	0
Moosonee, Ontario	31	1,491	1,441	50
Muskoka, Ontario	31	1,701	1,085	616
Nakina, Ontario	30	379	361	18
Natashquan, Quebec	29	195	195	0
Norway House, Manitoba	31	357	357	0
Old Crow, Yukon	28	74	74	0
Oxford House, Manitoba	..	182	..	..
Pabok, Quebec	15	39	39	0
Pangnirtung, Nunavut	26	158	158	0
Peterborough, Ontario	31	3,292	714	2,578
Pickle Lake, Ontario	30	1,823	1,717	106
Pikwitonei, Manitoba	..	18	..	..
Pond Inlet, Nunavut	21	49	49	0
Poplar River, Manitoba	..	192	..	..
Port-Menier, Quebec	28	310	310	0
Prince Rupert/Digby Island, British Columbia	18	52	52	0
Prince Rupert/Seal Cove, British Columbia	30	924	924	0
Pukatawagan, Manitoba	..	132	..	..
Puvirnituq, Quebec	..	547	547	0
Qikiqtarjuaq, Nunavut	21	75	75	0
Quaqtaq, Quebec	..	135	134	1
Quesnel, British Columbia	31	472	400	72
Red Lake, Ontario	31	2,051	1,955	96
Red Sucker Lake, Manitoba	..	125	..	..
Repulse Bay, Nunavut	29	142	142	0
Resolute Bay, Nunavut	28	107	107	0
Rimouski, Quebec	30	434	388	46
Roberval, Quebec	28	323	297	26
Salluit, Quebec	..	178	176	2
Sandspit, British Columbia	31	188	188	0
Shamattawa, Manitoba	..	202	..	..
Sherbrooke, Quebec	27	1,155	479	676
South Indian Lake, Manitoba	..	42	..	..
St. Anthony, Newfoundland and Labrador	30	278	278	0
St-Augustin, Quebec	21	181	181	0
St. Theresa Point, Manitoba	31	708	708	0
Stephenville, Newfoundland and Labrador	28	168	135	33
Stony Rapids, Saskatchewan	31	865	861	4
Sydney, Nova Scotia	31	939	867	72
Tadoule Lake, Manitoba	..	41	..	..
Taloyoak, Nunavut	29	120	120	0
Tasiujaq, Quebec	..	140	140	0
Teslin, Yukon	7	14	14	0
The Pas, Manitoba	31	392	340	52
Thicket Portage, Manitoba	..	4	..	..
Tillsonburg, Ontario	..	1,067	340	727
Tofino, British Columbia	31	371	345	26
Trois-Rivières, Quebec	31	773	664	109
Tulita, Northwest Territories	21	179	179	0
Ulukhakot/Holman, Northwest Territories	21	63	63	0
Umijuq, Quebec	..	188	188	0
Waskaganish, Quebec	13	177	117	60
Watson Lake, Yukon	27	344	344	0
Welland/Niagara Central, Ontario	25	1,389	105	1,284
Wemindji, Quebec	24	123	123	0
Whale Cove, Nunavut	26	130	130	0
York Landing, Manitoba	..	18	..	..
Yorkton Municipal, Saskatchewan	31	877	573	304
Total (132)	31	54,904	42,036	10,957

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	164	.	.	.	.	.	.	.	.
Amos Municipal, Quebec	116	48	3	55	0	0	0	10	0
Arctic Bay, Nunavut	58	58	0	0	0	0	0	0	0
Arviat, Nunavut	232	217	1	10	0	0	0	4	0
Aupaluk, Quebec	140	.	.	.	.	.	.	.	.
Baie-Comeau, Quebec	817	626	15	110	0	0	1	63	2
Baker Lake, Nunavut	389	342	2	33	3	0	0	9	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	648	185	31	325	6	0	28	59	14
Bathurst, New Brunswick	228	184	0	11	2	0	21	10	0
Beaver Creek, Yukon	16	5	0	5	1	0	5	0	0
Bromont, Quebec	566	40	162	350	1	0	8	0	5
Buffalo Narrows, Saskatchewan	570	511	1	24	0	0	0	34	0
Burwash, Yukon	34	22	0	7	0	0	3	2	0
Cambridge Bay, Nunavut	355	329	0	1	0	0	0	25	0
Cape Dorset, Nunavut	80	78	0	0	0	0	0	2	0
Charlo, New Brunswick	101	28	0	59	0	0	0	14	0
Chesterfield Inlet, Nunavut	144	138	2	0	0	0	0	4	0
Chevery, Quebec	358	352	3	3	0	0	0	0	0
Chibougamau/Chapais, Quebec	430	375	15	29	0	0	0	6	5
Collingwood, Ontario	973	78	67	823	0	0	1	0	4
Comox, British Columbia	1,553	1,038	0	11	1	0	2	28	473
Coral Harbour, Nunavut	173	169	2	0	0	0	0	2	0
Dauphin, Manitoba	297	111	15	62	1	0	6	12	90
Dawson, Yukon	604	519	3	75	0	0	0	7	0
Dawson Creek, British Columbia	494	303	114	69	0	0	0	8	0
Déline, Northwest Territories	162	146	0	2	0	0	0	14	0
Digby, Nova Scotia	41	12	3	24	0	0	0	2	0
Drummondville, Quebec	544	153	45	334	0	0	2	2	8
Dryden Regional, Ontario	838	651	3	32	0	0	0	139	13
Eastmain River, Quebec	112	112	0	0	0	0	0	0	0
Elliot Lake Municipal, Ontario	257	165	42	44	0	0	0	6	0
Eureka, Nunavut	6	4	0	0	0	0	0	0	2
Faro, Yukon	239	232	5	2	0	0	0	0	0
Flin Flon, Manitoba	609	489	0	60	1	0	8	51	0
Fort Frances Municipal, Ontario	561	440	7	80	1	0	23	10	0
Fort Liard, Northwest Territories	136	136	0	0	0	0	0	0	0
Fort McPherson, Northwest Territories	14	8	0	0	0	0	0	6	0
Fort Resolution, Northwest Territories	20	18	0	0	0	0	0	0	2
Fort Simpson, Northwest Territories	156	152	0	1	0	0	1	2	0
Fort Smith, Northwest Territories	230	225	0	3	0	0	0	2	0
Gamèti/Rae Lakes, Northwest Territories	67	63	0	0	0	0	0	4	0
Gaspé, Quebec	362	272	13	24	0	0	0	53	0
Geraldton, Ontario	128	92	2	8	0	0	0	26	0
Gillam, Manitoba	274	265	0	5	0	0	0	4	0
Gjoa Haven, Nunavut	112	106	0	0	0	0	0	6	0
Goose Bay, Newfoundland and Labrador	2,784	2,128	36	58	147	29	189	86	111
Hall Beach, Nunavut	183	173	0	6	0	0	0	2	2
Havre St-Pierre, Quebec	440	400	2	9	0	0	0	29	0
Hay River, Northwest Territories	465	430	0	11	0	0	0	18	6
Hearst/René Fontaine Municipal, Ontario	54	39	2	9	0	0	0	4	0
Igloolik, Nunavut	121	108	0	8	0	0	0	4	1
Inukjuak, Quebec	225	.	.	.	.	.	.	.	.
Island Lake, Manitoba	1,279	1,239	0	4	0	0	0	36	0
Ivujivik, Quebec	88	.	.	.	.	.	.	.	.
Kangiqsualujuaq, Quebec	135	.	.	.	.	.	.	.	.
Kangirsuk, Quebec	212	.	.	.	.	.	.	.	.
Kapusking, Ontario	330	318	0	8	0	0	0	4	0
Kimirut, Nunavut	40	40	0	0	0	0	0	0	0
Kugaaruk, Nunavut	69	69	0	0	0	0	0	0	0
Kugluktuk, Nunavut	234	224	2	0	0	0	0	8	0
Kuujuarapik, Quebec	563	553	0	4	0	0	0	6	0
Louderes-de-Blanc-Sablon, Quebec	432	402	0	16	0	0	0	14	0
Lutsel'è, Northwest Territories	94	94	0	0	0	0	0	0	0
Mayo, Yukon	340	306	4	30	0	0	0	0	0
Miramichi, New Brunswick	361	212	12	124	0	0	3	10	0
Moosonee, Ontario	1,441	1,405	0	16	0	0	0	20	0
Muskoka, Ontario	1,085	348	103	515	14	0	19	55	31

Table 2-1 – continued

Itinerant movements by class and type of operation

	Total itinerant movements	Domestic			International			Government	
		Carrier	Other commercial	Private	Carrier	Other commercial	Private	Civil	Military
number									
Nakina, Ontario	361	351	2	6	0	0	0	2	0
Natashquan, Quebec	195	179	1	13	0	0	0	2	0
Norway House, Manitoba	357	335	0	10	0	0	0	12	0
Old Crow, Yukon	74	68	0	2	0	0	0	4	0
Pabok, Quebec	39	4	2	5	0	0	0	28	0
Pangnirtung, Nunavut	158	156	0	0	0	0	0	2	0
Peterborough, Ontario	714	186	89	415	0	0	0	6	18
Pickle Lake, Ontario	1,717	1,535	112	20	0	0	0	50	0
Pond Inlet, Nunavut	49	44	0	2	0	0	0	3	0
Port-Menier, Quebec	310	303	0	6	0	0	0	1	0
Prince Rupert/Digby Island, British Columbia	52	52	0	0	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	924	755	0	31	0	0	5	133	0
Puvirnituq, Quebec	547	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	75	72	0	3	0	0	0	0	0
Quaqtaq, Quebec	134	.	.	.	.	.	.	.	.
Quesnel, British Columbia	400	183	8	201	0	0	0	6	2
Red Lake, Ontario	1,955	1,796	25	53	0	0	1	65	15
Repulse Bay, Nunavut	142	140	0	0	0	0	0	2	0
Resolute Bay, Nunavut	107	99	0	4	0	0	0	4	0
Rimouski, Quebec	388	76	5	281	0	0	0	22	4
Roberval, Quebec	297	150	30	106	1	0	0	4	6
Salluit, Quebec	176	.	.	.	.	.	.	.	.
Sandspit, British Columbia	188	160	0	3	0	0	1	22	2
Sherbrooke, Quebec	479	107	56	290	0	0	2	10	14
St. Anthony, Newfoundland and Labrador	278	230	2	2	0	0	0	42	2
St-Augustin, Quebec	181	175	4	2	0	0	0	0	0
St. Theresa Point, Manitoba	708	698	0	8	0	0	0	2	0
Stephenville, Newfoundland and Labrador	135	87	0	2	4	0	12	18	12
Stony Rapids, Saskatchewan	861	841	0	2	0	0	0	16	2
Sydney, Nova Scotia	867	541	0	291	0	0	8	23	4
Taloyoak, Nunavut	120	116	0	0	0	0	0	4	0
Tasiujaq, Quebec	140	.	.	.	.	.	.	.	.
Teslin, Yukon	14	7	0	7	0	0	0	0	0
The Pas, Manitoba	340	291	0	10	0	0	1	30	8
Tillsonburg, Ontario	340	..	..	..	..	..	..	..	..
Tofino, British Columbia	345	176	8	62	1	0	2	64	32
Trois-Rivières, Quebec	664	267	34	357	0	0	0	0	6
Tulita, Northwest Territories	179	175	0	2	0	0	0	2	0
Ulukhakat/Holman, Northwest Territories	63	59	0	0	0	0	0	4	0
Umiujaq, Quebec	188	.	.	.	.	.	.	.	.
Waskaganish, Quebec	117	117	0	0	0	0	0	0	0
Watson Lake, Yukon	344	258	1	67	0	0	0	10	8
Welland/Niagara Central, Ontario	105	2	15	80	0	0	0	8	0
Wemindji, Quebec	123	123	0	0	0	0	0	0	0
Whale Cove, Nunavut	130	125	1	0	0	0	0	4	0
Yorkton Municipal, Saskatchewan	573	329	25	146	0	0	3	20	50
Total (113)	42,036	29,353	1,137	5,988	184	29	355	1,547	954

Table 2-2
Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
number						
Akulivik, Quebec	164	.	.	.	.	..
Amos Municipal, Quebec	116	8	46	60	2	0
Arctic Bay, Nunavut	58	0	58	0	0	0
Arviat, Nunavut	232	0	214	6	12	0
Aupaluk, Quebec	140	.	.	.	.	..
Baie-Comeau, Quebec	817	30	588	150	49	0
Baker Lake, Nunavut	389	2	310	24	53	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	648	33	68	416	131	0
Bathurst, New Brunswick	228	0	165	55	8	0
Beaver Creek, Yukon	16	0	2	8	6	0
Bromont, Quebec	566	5	2	544	15	0
Buffalo Narrows, Saskatchewan	570	0	500	63	7	0
Burwash, Yukon	34	0	2	11	21	0
Cambridge Bay, Nunavut	355	56	269	1	29	0
Cape Dorset, Nunavut	80	0	76	0	4	0
Charlo, New Brunswick	101	6	45	30	20	0
Chesterfield Inlet, Nunavut	144	0	144	0	0	0
Chevery, Quebec	358	0	290	3	65	0
Chibougamau/Chapais, Quebec	430	12	362	29	27	0
Collingwood, Ontario	973	2	23	908	38	2
Comox, British Columbia	1,553	218	922	142	261	10
Coral Harbour, Nunavut	173	0	169	0	4	0
Dauphin, Manitoba	297	21	175	94	7	0
Dawson, Yukon	604	0	165	243	196	0
Dawson Creek, British Columbia	494	13	229	177	75	0
Déline, Northwest Territories	162	0	106	42	14	0
Digby, Nova Scotia	41	0	0	39	2	0
Drummondville, Quebec	544	0	12	475	54	3
Dryden Regional, Ontario	838	2	517	156	163	0
Eastmain River, Quebec	112	0	108	2	2	0
Elliot Lake Municipal, Ontario	257	0	147	86	24	0
Eureka, Nunavut	6	0	6	0	0	0
Faro, Yukon	239	0	53	23	163	0
Flin Flon, Manitoba	609	19	446	94	50	0
Fort Frances Municipal, Ontario	561	2	344	163	52	0
Fort Liard, Northwest Territories	136	0	6	4	126	0
Fort McPherson, Northwest Territories	14	0	14	0	0	0
Fort Resolution, Northwest Territories	20	0	10	10	0	0
Fort Simpson, Northwest Territories	156	2	106	42	6	0
Fort Smith, Northwest Territories	230	0	193	29	8	0
Gamèti/Rae Lakes, Northwest Territories	67	0	67	0	0	0
Gaspé, Quebec	362	21	295	41	5	0
Geraldton, Ontario	128	0	84	12	32	0
Gillam, Manitoba	274	0	125	139	10	0
Gjoa Haven, Nunavut	112	0	110	2	0	0
Goose Bay, Newfoundland and Labrador	2,784	506	1,726	76	476	0
Hall Beach, Nunavut	183	0	162	4	17	0
Havre St-Pierre, Quebec	440	4	201	147	88	0
Hay River, Northwest Territories	465	2	346	107	10	0
Hearst/René Fontaine Municipal, Ontario	54	0	39	11	4	0
Igloodik, Nunavut	121	0	115	5	1	0
Inukjuak, Quebec	225	.	.	.	.	..
Island Lake, Manitoba	1,279	2	638	87	552	0
Ivujivik, Quebec	88	.	.	.	.	..
Kangiqsualujjuaq, Quebec	135	.	.	.	.	..
Kangirsuk, Quebec	212	.	.	.	.	..
Kapuskasing, Ontario	330	4	306	6	14	0
Kimmirut, Nunavut	40	0	40	0	0	0
Kugaaruk, Nunavut	69	2	67	0	0	0
Kugluktuk, Nunavut	234	66	160	6	2	0
Kuujuarapik, Quebec	563	6	545	4	8	0
Lourdes-de-Blanc-Sablon, Quebec	432	6	393	22	11	0
Lutselk'e, Northwest Territories	94	0	59	31	4	0
Mayo, Yukon	340	0	107	107	126	0
Miramichi, New Brunswick	361	17	130	202	12	0
Moosonee, Ontario	1,441	0	828	354	258	1
Muskoka, Ontario	1,085	39	141	826	79	0
Nakina, Ontario	361	0	339	6	16	0

Table 2-2 – continued

Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Natashquan, Quebec	195	0	143	13	39	0
Norway House, Manitoba	357	2	318	37	0	0
Old Crow, Yukon	74	0	66	2	6	0
Pabok, Quebec	39	12	20	7	0	0
Pangnirtung, Nunavut	158	0	156	0	2	0
Peterborough, Ontario	714	40	51	573	50	0
Pickle Lake, Ontario	1,717	0	1,538	59	120	0
Pond Inlet, Nunavut	49	0	49	0	0	0
Port-Menier, Quebec	310	0	129	181	0	0
Prince Rupert/Digby Island, British Columbia	52	0	2	50	0	0
Prince Rupert/Seal Cove, British Columbia	924	0	95	599	230	0
Puvirnituq, Quebec	547	.	.	.	.	..
Qikiqtarjuaq, Nunavut	75	0	69	0	6	0
Quaqtaq, Quebec	134	.	.	.	.	..
Quesnel, British Columbia	400	14	172	188	26	0
Red Lake, Ontario	1,955	2	1,309	588	56	0
Repulse Bay, Nunavut	142	0	138	0	4	0
Resolute Bay, Nunavut	107	14	90	1	2	0
Rimouski, Quebec	388	8	90	282	8	0
Roberval, Quebec	297	14	99	154	30	0
Salluit, Quebec	176	.	.	.	.	..
Sandspit, British Columbia	188	4	125	2	57	0
Sherbrooke, Quebec	479	3	24	411	41	0
St. Anthony, Newfoundland and Labrador	278	4	248	2	24	0
St-Augustin, Quebec	181	1	165	7	8	0
St. Theresa Point, Manitoba	708	2	418	72	216	0
Stephenville, Newfoundland and Labrador	135	20	88	2	25	0
Stony Rapids, Saskatchewan	861	0	620	174	67	0
Sydney, Nova Scotia	867	126	365	113	37	226
Taloyoak, Nunavut	120	0	120	0	0	0
Tasiujaq, Quebec	140	.	.	.	.	..
Teslin, Yukon	14	0	0	9	5	0
The Pas, Manitoba	340	12	253	65	9	1
Tillsonburg, Ontario	340	..	..	..	..	..
Tofino, British Columbia	345	2	52	173	118	0
Trois-Rivières, Quebec	664	16	13	567	68	0
Tulita, Northwest Territories	179	0	85	84	10	0
Ulukhakat/Holman, Northwest Territories	63	0	63	0	0	0
Umiujaq, Quebec	188	.	.	.	.	..
Waskaganish, Quebec	117	0	107	10	0	0
Watson Lake, Yukon	344	4	67	160	113	0
Welland/Niagara Central, Ontario	105	2	0	98	3	2
Wemindji, Quebec	123	0	122	0	1	0
Whale Cove, Nunavut	130	0	130	0	0	0
Yorkton Municipal, Saskatchewan	573	30	93	405	45	0
Total (113)	42,036	1,438	21,607	11,412	4,845	245

Table 2-3
Itinerant movements by aircraft weight groups

	Total itinerant movements	Maximum take-off weight in kilograms						
		2,000 and under	2,001 to 4,000	4,001 to 5,670	5,671 to 9,000	9,001 to 18,000	18,001 to 35,000	35,001 and over
		number						
Akulivik, Quebec	164	.	..	..	.	.	.	0
Amos Municipal, Quebec	116	60	2	40	2	4	8	0
Arctic Bay, Nunavut	58	0	0	10	4	34	10	0
Arviat, Nunavut	232	14	6	20	0	59	133	0
Aupaluk, Quebec	140	.	..	..	.	.	.	0
Baie-Comeau, Quebec	817	72	125	279	69	168	104	0
Baker Lake, Nunavut	389	56	33	30	3	34	233	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	648	484	49	76	20	10	8	1
Bathurst, New Brunswick	228	45	56	15	2	61	49	0
Beaver Creek, Yukon	16	12	2	2	0	0	0	0
Bromont, Quebec	566	524	34	3	0	4	0	1
Buffalo Narrows, Saskatchewan	570	47	27	397	99	0	0	0
Burwash, Yukon	34	30	0	4	0	0	0	0
Cambridge Bay, Nunavut	355	1	21	125	6	29	113	60
Cape Dorset, Nunavut	80	4	0	8	0	34	34	0
Charlo, New Brunswick	101	37	13	45	2	4	0	0
Chesterfield Inlet, Nunavut	144	0	0	10	0	26	108	0
Chevery, Quebec	358	66	2	124	166	0	0	0
Chibougamau/Chapais, Quebec	430	34	52	215	27	96	6	0
Collingwood, Ontario	973	898	60	11	0	2	2	0
Comox, British Columbia	1,553	98	94	59	517	394	131	260
Coral Harbour, Nunavut	173	4	0	20	0	138	11	0
Dauphin, Manitoba	297	94	5	127	7	46	8	10
Dawson, Yukon	604	338	93	56	4	0	113	0
Dawson Creek, British Columbia	494	234	16	39	102	69	34	0
Déline, Northwest Territories	162	15	56	59	10	1	21	0
Digby, Nova Scotia	41	29	12	0	0	0	0	0
Drummondville, Quebec	544	499	31	14	0	0	0	0
Dryden Regional, Ontario	838	159	127	483	0	11	45	13
Eastmain River, Quebec	112	4	0	14	10	84	0	0
Elliot Lake Municipal, Ontario	257	92	76	75	6	8	0	0
Eureka, Nunavut	6	0	0	0	2	0	2	2
Faro, Yukon	239	150	63	22	2	0	2	0
Flin Flon, Manitoba	609	83	70	326	12	114	4	0
Fort Frances Municipal, Ontario	561	105	127	324	5	0	0	0
Fort Liard, Northwest Territories	136	130	0	6	0	0	0	0
Fort McPherson, Northwest Territories	14	0	0	14	0	0	0	0
Fort Resolution, Northwest Territories	20	0	6	4	0	4	6	0
Fort Simpson, Northwest Territories	156	40	41	27	6	4	38	0
Fort Smith, Northwest Territories	230	37	18	16	159	0	0	0
Gamëti/Rae Lakes, Northwest Territories	67	0	22	37	6	0	2	0
Gaspé, Quebec	362	22	24	20	2	273	21	0
Geraldton, Ontario	128	18	28	80	2	0	0	0
Gillam, Manitoba	274	13	136	28	0	95	2	0
Gjoa Haven, Nunavut	112	2	0	16	6	26	58	4
Goose Bay, Newfoundland and Labrador	2,784	338	151	1,042	353	555	265	80
Hall Beach, Nunavut	183	1	4	46	8	56	66	2
Havre St-Pierre, Quebec	440	91	155	80	40	22	52	0
Hay River, Northwest Territories	465	32	26	92	120	91	102	2
Hearst/René Fontaine Municipal, Ontario	54	8	7	39	0	0	0	0
Igloolik, Nunavut	121	1	4	23	4	39	50	0
Inukjuak, Quebec	225	.	..	..	.	.	.	0
Island Lake, Manitoba	1,279	617	20	416	3	172	51	0
Ivujivik, Quebec	88	.	..	..	.	.	.	0
Kangiqsualujjuaq, Quebec	135	.	..	..	.	.	.	0
Kangirsuk, Quebec	212	.	..	..	.	.	.	0
Kapuskasing, Ontario	330	6	49	243	4	20	8	0
Kimirut, Nunavut	40	0	0	40	0	0	0	0
Kugaaruk, Nunavut	69	0	0	11	4	26	24	4
Kugluktuk, Nunavut	234	0	6	30	6	33	93	66
Kuujuarapik, Quebec	563	12	14	301	3	72	161	0
Louderes-de-Blanc-Sablon, Quebec	432	15	18	172	110	115	2	0
Lutselk'e, Northwest Territories	94	9	39	36	4	2	4	0
Mayo, Yukon	340	165	117	52	0	0	6	0
Miramichi, New Brunswick	361	201	91	36	5	16	12	0
Moosonee, Ontario	1,441	355	208	505	183	117	73	0
Muskoka, Ontario	1,085	822	70	95	61	8	18	11

Table 2-3 – continued

Itinerant movements by aircraft weight groups

	Total itinerant movements	Maximum take-off weight in kilograms						
		2,000 and under	2,001 to 4,000	4,001 to 5,670	5,671 to 9,000	9,001 to 18,000	18,001 to 35,000	35,001 and over
		number						
Nakina, Ontario	361	14	208	116	23	0	0	0
Natashquan, Quebec	195	38	14	70	73	0	0	0
Norway House, Manitoba	357	22	15	314	6	0	0	0
Old Crow, Yukon	74	8	0	8	4	0	54	0
Pabok, Quebec	39	5	2	4	0	16	12	0
Pangnirtung, Nunavut	158	2	0	28	0	58	70	0
Peterborough, Ontario	714	600	27	33	29	7	5	13
Pickle Lake, Ontario	1,717	129	856	220	217	0	295	0
Pond Inlet, Nunavut	49	0	0	8	2	16	23	0
Port-Menier, Quebec	310	1	180	21	56	0	52	0
Prince Rupert/Digby Island, British Columbia	52	0	52	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	924	83	756	85	0	0	0	0
Puvirnituq, Quebec	547	.	..	..	.	.	.	.
Qikiqtarjuaq, Nunavut	75	3	0	12	3	23	34	0
Quaqtaq, Quebec	134	.	..	..	.	.	.	.
Quesnel, British Columbia	400	214	0	6	178	0	0	2
Red Lake, Ontario	1,955	304	737	491	233	44	144	2
Repulse Bay, Nunavut	142	4	0	22	4	73	39	0
Resolute Bay, Nunavut	107	1	2	37	9	4	42	12
Rimouski, Quebec	388	199	91	81	0	9	8	0
Roberval, Quebec	297	142	52	88	10	1	4	0
Salluit, Quebec	176	.	..	..	.	.	.	.
Sandspit, British Columbia	188	43	18	51	10	64	2	0
Sherbrooke, Quebec	479	410	34	24	5	2	0	4
St. Anthony, Newfoundland and Labrador	278	16	4	75	39	140	4	0
St-Augustin, Quebec	181	8	7	66	100	0	0	0
St. Theresa Point, Manitoba	708	277	11	218	2	151	49	0
Stephenville, Newfoundland and Labrador	135	14	7	9	9	66	20	10
Stony Rapids, Saskatchewan	861	37	206	370	150	98	0	0
Sydney, Nova Scotia	867	333	62	45	18	281	80	48
Taloyoak, Nunavut	120	0	0	16	10	51	43	0
Tasiujaq, Quebec	140	.	..	..	.	.	.	.
Teslin, Yukon	14	14	0	0	0	0	0	0
The Pas, Manitoba	340	20	58	148	12	101	1	0
Tillsonburg, Ontario	340	..	..	..	..	..	..	..
Tofino, British Columbia	345	90	172	29	16	26	8	4
Trois-Rivières, Quebec	664	547	90	6	4	2	6	9
Tulita, Northwest Territories	179	39	75	36	8	0	21	0
Ulukhakat/Holman, Northwest Territories	63	0	0	37	0	0	26	0
Umiujaq, Quebec	188	.	..	..	.	.	.	.
Waskaganish, Quebec	117	6	4	15	4	88	0	0
Watson Lake, Yukon	344	198	65	25	44	8	0	4
Welland/Niagara Central, Ontario	105	91	10	2	0	0	2	0
Wemindji, Quebec	123	1	0	20	4	98	0	0
Whale Cove, Nunavut	130	0	0	8	0	10	112	0
Yorkton Municipal, Saskatchewan	573	371	63	98	33	8	0	0
Total (113)	42,036	11,507	6,384	9,481	3,481	4,621	3,449	624

Table 3
Local movements by type of operation

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	74	74	0
Arctic Bay, Nunavut	1	1	0
Aupaluk, Quebec	6	.	.
Baie-Comeau, Quebec	4	4	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	1,358	1,358	0
Buffalo Narrows, Saskatchewan	32	32	0
Cambridge Bay, Nunavut	87	87	0
Collingwood, Ontario	224	218	6
Dawson, Yukon	1	1	0
Dawson Creek, British Columbia	182	182	0
Digby, Nova Scotia	55	55	0
Drummondville, Quebec	1,604	416	1,188
Dryden Regional, Ontario	62	52	10
Elliot Lake Municipal, Ontario	74	74	0
Geraldton, Ontario	18	18	0
Havre St-Pierre, Quebec	12	12	0
Hay River, Northwest Territories	39	39	0
Igloodik, Nunavut	3	3	0
Kapuskasing, Ontario	84	84	0
Kugluktuk, Nunavut	42	42	0
Lourdes-de-Blanc-Sablon, Quebec	18	18	0
Mayo, Yukon	19	19	0
Moosonee, Ontario	50	50	0
Muskoka, Ontario	616	616	0
Nakina, Ontario	18	18	0
Peterborough, Ontario	2,578	2,576	2
Pickle Lake, Ontario	106	106	0
Quaqtaq, Quebec	1	.	.
Quesnel, British Columbia	72	72	0
Red Lake, Ontario	96	74	22
Rimouski, Quebec	46	46	0
Roberval, Quebec	26	26	0
Salluit, Quebec	2	.	.
Sherbrooke, Quebec	676	672	4
Stephenville, Newfoundland and Labrador	33	33	0
Stony Rapids, Saskatchewan	4	4	0
Sydney, Nova Scotia	72	72	0
The Pas, Manitoba	52	52	0
Tillsonburg, Ontario	727	..	..
Tofino, British Columbia	26	14	12
Trois-Rivières, Quebec	109	108	1
Waskaganish, Quebec	60	60	0
Welland/Niagara Central, Ontario	1,284	1,284	0
Yorkton Municipal, Saskatchewan	304	304	0
Total (44)	10,957	8,976	1,245

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 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

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

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 October, 2010 but were not available in October, 2011:

1. Clyde River, Nunavut
2. Fort Good Hope, Northwest Territories
3. Grise Fiord, Nunavut
4. Guelph, Ontario
5. Paulatuk, Northwest Territories
6. Sanikiluaq, Nunavut
7. Tuktoyaktuk, Northwest Territories

b) Data for the following airports are included in October, 2011 but not in October, 2010:

1. Eastmain River, Quebec
2. Fort Smith, Northwest Territories
3. Ulukhakot/Holman, Northwest Territories
5. In January 2011, the airport at Nanisivik, Nunavut was closed due to cessation of mining operations. A new airport was opened at Arctic Bay, Nunavut.
6. In the spring of 2011, operations at Guelph, Ontario temporarily ceased until the new owner is established.

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.** 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.