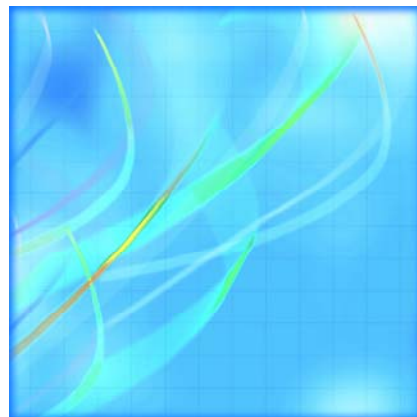


Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



April 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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This publication was prepared by the Aviation Statistics Centre, of the Transportation Division, Statistics Canada under the general direction of **Fred Barzyk**, 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

Moosonee, Ontario, the most active site in April 2011, recorded 4,311 itinerant movements. This represented 10.1% of the total itinerant movements registered by 113 airports.

Peterborough, Ontario (2,082 movements) followed by Welland/Niagara Central, Ontario (1,853 movements) recorded the greatest number of local movements in April 2011.

Text table 1

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

	April 2010	April 2011	Percentage change, April 2010 to April 2011	Year-to-date total		Percentage change 2010 to 2011
				2010	2011	
	number		percent	number		percent
Total	60,359	54,627	-9.5	193,076	179,263	-7.2
Itinerant movements						
Carrier	33,453	32,297	-3.5	108,455	106,626	-1.7
Other commercial	1,118	979	-12.4	3,665	3,489	-4.8
Private	4,801	3,620	-24.6	13,496	9,888	-26.7
Government						
Civil	1,579	1,393	-11.8	5,418	4,874	-10.0
Military	1,680	1,606	-4.4	5,099	3,779	-25.9
Total	45,611	42,535	-6.7	146,565	138,425	-5.6
Local movements						
Civil	11,448	8,820	-23.0	36,017	29,434	-18.3
Military	43	30	-30.2	204	111	-45.6
Total	12,000	9,513	-20.7	37,563	31,375	-16.5
Number of airports in the survey	137	132	...	137	132	...

Analysis

In April 2011, the number of take-offs and landings at the 132 airports without air traffic control towers reached 54,627 movements. Moosonee, Ontario (4,363 movements) followed by Peterborough, Ontario (2,541 movements) were the most active sites. Of the 130 airports for which year-over-year comparisons were possible, increases were reported by 52 of these airports.

There were 42,535 itinerant movements (flights from one airport to another) recorded by 113 airports without air traffic control towers in April 2011. Moosonee, Ontario, the most active site, represented 10.1% of the total itinerant reported movements. It recorded 4,311 take-offs and landings, down 1.7% from 2010.

Forty-nine airports without air traffic control towers reported 9,513 local movements (flights that remain in the vicinity of the airport) in April 2011. Peterborough, Ontario (2,082 movements) followed by Welland/Niagara Central, Ontario (1,853 movements) recorded the greatest number of local movements in April 2011.

In the spring of 2011, operations at Guelph, Ontario temporarily ceased until the new owner is established.

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
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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
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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	.	129	129	0
Amos Municipal, Quebec	30	166	122	44
Arctic Bay, Nunavut	24	70	69	1
Arviat, Nunavut	27	250	250	0
Aupaluk, Quebec	.	233	117	116
Baie-Comeau, Quebec	30	688	666	22
Baker Lake, Nunavut	27	603	603	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	29	1,466	439	1,027
Bathurst, New Brunswick	30	225	225	0
Beaver Creek, Yukon	8	17	17	0
Berens River, Manitoba	..	166	..	..
Bloodvein River, Manitoba	..	196	..	..
Brochet, Manitoba	..	78	..	..
Buffalo Narrows, Saskatchewan	29	461	455	6
Burwash, Yukon	4	8	8	0
Cambridge Bay, Nunavut	30	441	417	24
Cape Dorset, Nunavut	19	66	66	0
Charlo, New Brunswick	17	42	42	0
Chesterfield Inlet, Nunavut	26	168	168	0
Chevery, Quebec	23	250	250	0
Chibougamau/Chapais, Quebec	29	464	458	6
Clyde River, Nunavut	29	172	159	13
Collingwood, Ontario	22	724	604	120
Comox, British Columbia	30	2,161	2,161	0
Coral Harbour, Nunavut	28	192	191	1
Cross Lake, Manitoba	..	162	..	..
Dauphin, Manitoba	28	362	340	22
Dawson, Yukon	30	428	427	1
Dawson Creek, British Columbia	30	541	463	78
Déline, Northwest Territories	28	156	156	0
Digby, Nova Scotia	11	91	55	36
Drummondville, Quebec	24	471	333	138
Dryden Regional, Ontario	30	1,420	975	445
Eastmain River, Quebec	23	97	97	0
Elliot Lake Municipal, Ontario	29	400	282	118
Eureka, Nunavut	22	92	92	0
Faro, Yukon	20	186	186	0
Flin Flon, Manitoba	30	438	438	0
Fort Frances Municipal, Ontario	29	384	384	0
Fort Liard, Northwest Territories	14	48	48	0
Fort McPherson, Northwest Territories	2	4	4	0
Fort Resolution, Northwest Territories	8	27	27	0
Fort Simpson, Northwest Territories	30	229	229	0
Gamëti/Rae Lakes, Northwest Territories	19	71	71	0
Gaspé, Quebec	30	326	326	0
Geraldton, Ontario	26	155	131	24
Gillam, Manitoba	27	238	238	0
Gjoa Haven, Nunavut	27	154	152	2
Gods Lake Narrows, Manitoba	..	84	..	..
Gods River, Manitoba	..	144	..	..
Goose Bay, Newfoundland and Labrador	30	2,530	2,530	0
Hall Beach, Nunavut	29	374	374	0
Havre St-Pierre, Quebec	29	452	428	24
Hay River, Northwest Territories	30	547	536	11
Hearst/René Fontaine Municipal, Ontario	12	36	36	0
Igloolik, Nunavut	27	123	123	0
Ilford, Manitoba	..	34	..	..
Inukjuak, Quebec	.	20	20	0
Island Lake, Manitoba	30	1,257	1,249	8
Ivujivik, Quebec	.	142	142	0
Kangiqsualujuaq, Quebec	.	141	141	0
Kangirsuk, Quebec	.	222	222	0
Kapuskasing, Ontario	30	393	307	86
Kimmirut, Nunavut	14	48	48	0
Kugaaruk, Nunavut	27	105	105	0
Kugluktuk, Nunavut	30	253	253	0
Kuujuarapik, Quebec	30	529	529	0
Lac Brochet, Manitoba	..	124	..	..

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	..	352	..	..
Lourdes-de-Blanc-Sablon, Quebec	29	581	579	2
Lutselk'e, Northwest Territories	24	127	127	0
Mayo, Yukon	26	586	576	10
Miramichi, New Brunswick	26	313	313	0
Moosonee, Ontario	30	4,363	4,311	52
Muskoka, Ontario	29	1,572	849	723
Nakina, Ontario	30	563	563	0
Natashquan, Quebec	26	230	230	0
Norway House, Manitoba	30	405	395	10
Old Crow, Yukon	23	60	60	0
Oxford House, Manitoba	..	196	..	..
Pabok, Quebec	13	28	28	0
Pangnirtung, Nunavut	28	190	190	0
Paulatuk, Northwest Territories	14	64	64	0
Peterborough, Ontario	30	2,541	459	2,082
Pickle Lake, Ontario	30	1,555	1,483	72
Pikwitonei, Manitoba	..	16	..	..
Pond Inlet, Nunavut	22	72	72	0
Poplar River, Manitoba	..	126	..	..
Port-Menier, Quebec	16	72	72	0
Prince Rupert/Digby Island, British Columbia	13	32	32	0
Prince Rupert/Seal Cove, British Columbia	30	931	931	0
Pukatawagan, Manitoba	..	160	..	..
Puvirnituq, Quebec	..	522	495	27
Qikiqtarjuaq, Nunavut	23	95	95	0
Quaqtaq, Quebec	..	92	92	0
Quesnel, British Columbia	30	554	416	138
Red Lake, Ontario	30	1,970	1,892	78
Red Sucker Lake, Manitoba	..	333	..	..
Repulse Bay, Nunavut	27	150	148	2
Resolute Bay, Nunavut	30	428	428	0
Rimouski, Quebec	28	288	272	16
Roberval, Quebec	28	291	237	54
Salluit, Quebec	..	193	192	1
Sandspit, British Columbia	30	174	174	0
Sanikiluaq, Nunavut	17	107	107	0
Shamattawa, Manitoba	..	214	..	..
Sherbrooke, Quebec	23	811	197	614
South Indian Lake, Manitoba	..	56	..	..
St. Anthony, Newfoundland and Labrador	30	450	450	0
St-Augustin, Quebec	17	101	101	0
St. Theresa Point, Manitoba	30	1,317	1,315	2
Stephenville, Newfoundland and Labrador	28	127	127	0
Stony Rapids, Saskatchewan	30	908	908	0
Sydney, Nova Scotia	30	520	470	50
Tadoule Lake, Manitoba	..	88	..	..
Taloyoak, Nunavut	29	129	129	0
Tasiujaq, Quebec	..	70	70	0
Teslin, Yukon	4	8	8	0
The Pas, Manitoba	30	255	251	4
Thicket Portage, Manitoba	..	9	..	..
Tillsonburg, Ontario	..	753	235	518
Tofino, British Columbia	21	90	90	0
Trois-Rivières, Quebec	30	946	559	387
Tuktoyaktuk, Northwest Territories	23	108	108	0
Umiujaq, Quebec	..	174	173	1
Waskaganish, Quebec	21	261	193	68
Watson Lake, Yukon	28	270	268	2
Welland/Niagara Central, Ontario	22	1,906	53	1,853
Wemindji, Quebec	24	142	142	0
Whale Cove, Nunavut	21	131	131	0
York Landing, Manitoba	..	41	..	..
Yorkton Municipal, Saskatchewan	29	936	562	374
Total (132)	30	54,627	42,535	9,513

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	129	.	.	.	.	.	.	.	.
Amos Municipal, Quebec	122	51	4	62	0	0	1	4	0
Arctic Bay, Nunavut	69	59	1	2	0	0	0	5	2
Arviat, Nunavut	250	240	3	3	0	0	0	4	0
Aupaluk, Quebec	117	.	.	.	.	.	.	.	.
Baie-Comeau, Quebec	666	494	61	40	1	0	0	61	9
Baker Lake, Nunavut	603	585	6	3	5	0	0	4	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	439	107	36	212	2	0	15	53	14
Bathurst, New Brunswick	225	193	0	9	8	0	13	2	0
Beaver Creek, Yukon	17	3	0	7	1	0	6	0	0
Buffalo Narrows, Saskatchewan	455	402	29	8	0	0	0	16	0
Burwash, Yukon	8	0	0	5	0	0	3	0	0
Cambridge Bay, Nunavut	417	403	0	2	0	0	0	0	12
Cape Dorset, Nunavut	66	64	2	0	0	0	0	0	0
Charlo, New Brunswick	42	28	0	13	0	0	1	0	0
Chesterfield Inlet, Nunavut	168	164	2	0	0	0	0	2	0
Chevery, Quebec	250	228	20	2	0	0	0	0	0
Chibougamau/Chapais, Quebec	458	387	16	48	0	0	1	6	0
Clyde River, Nunavut	159	154	4	1	0	0	0	0	0
Collingwood, Ontario	604	45	29	525	0	0	0	1	4
Comox, British Columbia	2,161	1,012	0	24	13	0	3	40	1,069
Coral Harbour, Nunavut	191	183	2	2	0	0	0	2	2
Dauphin, Manitoba	340	117	47	67	0	0	0	18	91
Dawson, Yukon	427	333	0	89	0	0	1	4	0
Dawson Creek, British Columbia	463	353	8	93	0	0	0	9	0
Déline, Northwest Territories	156	148	0	0	0	0	0	8	0
Digby, Nova Scotia	55	12	1	37	0	0	3	2	0
Drummondville, Quebec	333	110	22	177	1	0	18	1	4
Dryden Regional, Ontario	975	765	8	34	1	0	0	159	8
Eastmain River, Quebec	97	97	0	0	0	0	0	0	0
Elliot Lake Municipal, Ontario	282	193	48	24	1	0	0	16	0
Eureka, Nunavut	92	47	0	2	37	0	0	0	6
Faro, Yukon	186	180	0	4	0	0	0	2	0
Flin Flon, Manitoba	438	405	0	16	0	0	0	17	0
Fort Frances Municipal, Ontario	384	326	0	53	1	0	4	0	0
Fort Liard, Northwest Territories	48	47	0	1	0	0	0	0	0
Fort McPherson, Northwest Territories	4	4	0	0	0	0	0	0	0
Fort Resolution, Northwest Territories	27	23	0	0	0	0	0	0	4
Fort Simpson, Northwest Territories	229	223	2	2	0	0	0	2	0
Gamëti/Rae Lakes, Northwest Territories	71	61	2	0	0	0	0	6	2
Gaspé, Quebec	326	264	8	6	0	0	0	48	0
Geraldton, Ontario	131	106	16	9	0	0	0	0	0
Gillam, Manitoba	238	219	2	3	0	0	0	14	0
Gjoa Haven, Nunavut	152	150	0	0	0	0	0	0	2
Goose Bay, Newfoundland and Labrador	2,530	1,989	21	60	99	14	150	80	117
Hall Beach, Nunavut	374	370	2	2	0	0	0	0	0
Havre St-Pierre, Quebec	428	370	18	17	0	0	0	23	0
Hay River, Northwest Territories	536	502	0	20	0	0	0	14	0
Hearst/René Fontaine Municipal, Ontario	36	33	0	3	0	0	0	0	0
Igloolik, Nunavut	123	111	4	4	0	0	0	4	0
Inukjuak, Quebec	20	.	.	.	.	.	.	.	.
Island Lake, Manitoba	1,249	1,226	0	6	0	0	0	17	0
Ivujivik, Quebec	142	.	.	.	.	.	.	.	.
Kangiqsualujuaq, Quebec	141	.	.	.	.	.	.	.	.
Kangirsuk, Quebec	222	.	.	.	.	.	.	.	.
Kapuskasing, Ontario	307	205	0	0	93	0	8	1	0
Kimirut, Nunavut	48	48	0	0	0	0	0	0	0
Kugaaruk, Nunavut	105	99	0	0	0	0	0	6	0
Kugluktuk, Nunavut	253	243	0	0	0	0	0	6	4
Kuujuarapik, Quebec	529	529	0	0	0	0	0	0	0
Louderes-de-Blanc-Sablon, Quebec	579	416	118	10	0	0	0	35	0
Lutsel'e, Northwest Territories	127	123	0	0	0	0	0	0	4
Mayo, Yukon	576	557	0	10	0	0	0	9	0
Miramichi, New Brunswick	313	181	24	8	1	0	24	59	16
Moosonee, Ontario	4,311	4,249	32	11	1	0	0	18	0
Muskoka, Ontario	849	283	95	306	1	0	10	135	19
Nakina, Ontario	563	553	0	6	0	0	0	4	0

Table 2-1 – continued

Itinerant movements by class and type of operation

	Total itinerant movements	Domestic			International			Government	
		Carrier	Other commercial	Private	Carrier	Other commercial	Private	Civil	Military
		number							
Natashquan, Quebec	230	202	10	18	0	0	0	0	0
Norway House, Manitoba	395	328	2	40	0	0	0	25	0
Old Crow, Yukon	60	53	0	0	0	0	0	7	0
Pabok, Quebec	28	6	0	2	0	0	0	20	0
Pangnirtung, Nunavut	190	182	3	3	0	0	0	2	0
Paulatuk, Northwest Territories	64	63	0	0	0	0	0	1	0
Peterborough, Ontario	459	98	63	274	0	0	0	6	18
Pickle Lake, Ontario	1,483	1,389	28	32	0	0	0	34	0
Pond Inlet, Nunavut	72	61	7	3	0	0	0	0	1
Port-Menier, Quebec	72	70	2	0	0	0	0	0	0
Prince Rupert/Digby Island, British Columbia	32	32	0	0	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	931	790	0	41	2	0	19	79	0
Puvirnituq, Quebec	495	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	95	93	0	0	0	0	0	2	0
Quaqtaq, Quebec	92	.	.	.	.	.	.	.	.
Quesnel, British Columbia	416	190	14	208	0	0	4	0	0
Red Lake, Ontario	1,892	1,751	1	62	0	0	0	72	6
Repulse Bay, Nunavut	148	143	5	0	0	0	0	0	0
Resolute Bay, Nunavut	428	316	0	8	0	0	0	0	104
Rimouski, Quebec	272	122	12	129	0	0	1	8	0
Roberval, Quebec	237	119	28	90	0	0	0	0	0
Salluit, Quebec	192	.	.	.	.	.	.	.	.
Sandspit, British Columbia	174	150	0	11	0	0	0	13	0
Sanikiluaq, Nunavut	107	101	2	2	0	0	0	2	0
Sherbrooke, Quebec	197	62	12	107	1	1	8	4	2
St. Anthony, Newfoundland and Labrador	450	356	37	6	0	0	0	49	2
St-Augustin, Quebec	101	94	2	5	0	0	0	0	0
St. Theresa Point, Manitoba	1,315	1,295	2	18	0	0	0	0	0
Stephenville, Newfoundland and Labrador	127	81	0	7	1	2	3	31	2
Stony Rapids, Saskatchewan	908	895	0	4	0	0	0	9	0
Sydney, Nova Scotia	470	387	6	33	2	0	2	36	4
Taloyoak, Nunavut	129	127	0	0	0	0	0	2	0
Tasiujaq, Quebec	70	.	.	.	.	.	.	.	.
Teslin, Yukon	8	6	0	2	0	0	0	0	0
The Pas, Manitoba	251	223	0	5	0	0	0	21	2
Tillsonburg, Ontario	235	..	..	..	..	..	..	..	..
Tofino, British Columbia	90	44	5	16	0	0	0	18	7
Trois-Rivières, Quebec	559	311	30	199	0	0	5	12	2
Tuktoyaktuk, Northwest Territories	108	106	0	0	0	0	0	2	0
Umiujaq, Quebec	173	.	.	.	.	.	.	.	.
Waskaganish, Quebec	193	185	0	6	0	0	0	2	0
Watson Lake, Yukon	268	134	7	120	0	0	1	6	0
Welland/Niagara Central, Ontario	53	2	2	31	0	2	16	0	0
Wemindji, Quebec	142	139	0	3	0	0	0	0	0
Whale Cove, Nunavut	131	129	0	0	0	0	0	2	0
Yorkton Municipal, Saskatchewan	562	390	6	87	1	0	0	11	67
Total (113)	42,535	32,297	979	3,620	273	19	320	1,393	1,606

Table 2-2
Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Akulivik, Quebec	129	.	.	.	.	..
Amos Municipal, Quebec	122	7	44	66	5	0
Arctic Bay, Nunavut	69	0	68	1	0	0
Arviat, Nunavut	250	0	229	9	12	0
Aupaluk, Quebec	117	.	.	.	.	..
Baie-Comeau, Quebec	666	35	444	129	58	0
Baker Lake, Nunavut	603	0	461	122	20	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	439	18	43	294	83	1
Bathurst, New Brunswick	225	4	147	73	1	0
Beaver Creek, Yukon	17	0	2	13	2	0
Buffalo Narrows, Saskatchewan	455	0	397	58	0	0
Burwash, Yukon	8	0	0	6	2	0
Cambridge Bay, Nunavut	417	77	316	2	22	0
Cape Dorset, Nunavut	66	0	66	0	0	0
Charlo, New Brunswick	42	4	28	10	0	0
Chesterfield Inlet, Nunavut	168	0	162	6	0	0
Chevery, Quebec	250	0	238	8	4	0
Chibougamau/Chapais, Quebec	458	12	338	63	45	0
Clyde River, Nunavut	159	0	155	3	1	0
Collingwood, Ontario	604	15	10	565	12	2
Comox, British Columbia	2,161	853	880	162	252	14
Coral Harbour, Nunavut	191	0	188	0	3	0
Dauphin, Manitoba	340	6	168	151	15	0
Dawson, Yukon	427	0	158	110	159	0
Dawson Creek, British Columbia	463	16	305	104	38	0
Déline, Northwest Territories	156	0	120	36	0	0
Digby, Nova Scotia	55	0	0	46	9	0
Drummondville, Quebec	333	0	2	286	45	0
Dryden Regional, Ontario	975	2	573	309	91	0
Eastmain River, Quebec	97	0	95	2	0	0
Elliot Lake Municipal, Ontario	282	0	180	76	26	0
Eureka, Nunavut	92	0	74	2	16	0
Faro, Yukon	186	0	104	9	73	0
Flin Flon, Manitoba	438	1	361	36	40	0
Fort Frances Municipal, Ontario	384	0	245	131	8	0
Fort Liard, Northwest Territories	48	0	4	32	12	0
Fort McPherson, Northwest Territories	4	0	4	0	0	0
Fort Resolution, Northwest Territories	27	0	20	7	0	0
Fort Simpson, Northwest Territories	229	0	127	90	12	0
Gamëti/Rae Lakes, Northwest Territories	71	0	68	1	2	0
Gaspé, Quebec	326	16	284	24	2	0
Geraldton, Ontario	131	0	57	34	40	0
Gillam, Manitoba	238	0	119	115	4	0
Gjoa Haven, Nunavut	152	10	131	9	2	0
Goose Bay, Newfoundland and Labrador	2,530	363	1,718	95	354	0
Hall Beach, Nunavut	374	0	246	2	126	0
Havre St-Pierre, Quebec	428	0	190	97	141	0
Hay River, Northwest Territories	536	0	350	180	6	0
Hearst/René Fontaine Municipal, Ontario	36	0	29	3	4	0
Igloodik, Nunavut	123	0	123	0	0	0
Inukjuak, Quebec	20	.	.	.	.	..
Island Lake, Manitoba	1,249	8	582	148	511	0
Ivujivik, Quebec	142	.	.	.	.	..
Kangiqsualujjuaq, Quebec	141	.	.	.	.	..
Kangirsuk, Quebec	222	.	.	.	.	..
Kapuskasing, Ontario	307	6	288	0	13	0
Kimirut, Nunavut	48	0	48	0	0	0
Kugaaruk, Nunavut	105	8	97	0	0	0
Kugluktuk, Nunavut	253	63	186	3	1	0
Kuujuarapik, Quebec	529	0	513	0	16	0
Lourdes-de-Blanc-Sablon, Quebec	579	8	457	96	18	0
Lutselk'e, Northwest Territories	127	0	85	42	0	0
Mayo, Yukon	576	0	452	22	102	0
Miramichi, New Brunswick	313	12	61	236	4	0
Moosonee, Ontario	4,311	0	687	300	3,324	0
Muskoka, Ontario	849	18	136	555	140	0
Nakina, Ontario	563	0	451	8	104	0
Natashquan, Quebec	230	0	143	29	58	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	395	4	317	74	0	0
Old Crow, Yukon	60	0	58	0	2	0
Pabok, Quebec	28	6	18	4	0	0
Pangnirtung, Nunavut	190	0	189	1	0	0
Paulatuk, Northwest Territories	64	0	63	0	1	0
Peterborough, Ontario	459	21	50	349	39	0
Pickle Lake, Ontario	1,483	0	1,077	63	343	0
Pond Inlet, Nunavut	72	0	67	3	2	0
Port-Menier, Quebec	72	0	6	66	0	0
Prince Rupert/Digby Island, British Columbia	32	0	4	28	0	0
Prince Rupert/Seal Cove, British Columbia	931	0	88	678	165	0
Puvirnituq, Quebec	495	.	.	.	.	..
Qikiqtarjuaq, Nunavut	95	0	87	0	8	0
Quaqtaq, Quebec	92	.	.	.	.	..
Quesnel, British Columbia	416	24	168	183	41	0
Red Lake, Ontario	1,892	0	1,211	582	99	0
Repulse Bay, Nunavut	148	0	132	12	4	0
Resolute Bay, Nunavut	428	5	327	42	54	0
Rimouski, Quebec	272	4	103	147	18	0
Roberval, Quebec	237	0	48	163	26	0
Salluit, Quebec	192	.	.	.	.	..
Sandspit, British Columbia	174	6	88	9	71	0
Sanikiluaq, Nunavut	107	0	107	0	0	0
Sherbrooke, Quebec	197	8	8	164	17	0
St. Anthony, Newfoundland and Labrador	450	8	343	41	58	0
St-Augustin, Quebec	101	0	96	5	0	0
St. Theresa Point, Manitoba	1,315	0	309	161	845	0
Stephenville, Newfoundland and Labrador	127	12	88	12	15	0
Stony Rapids, Saskatchewan	908	0	531	194	183	0
Sydney, Nova Scotia	470	30	349	53	38	0
Taloyoak, Nunavut	129	0	125	2	2	0
Tasiujaq, Quebec	70	.	.	.	.	..
Teslin, Yukon	8	0	0	4	4	0
The Pas, Manitoba	251	9	184	40	18	0
Tillsonburg, Ontario	235	..	..	..	..	..
Tofino, British Columbia	90	2	3	45	40	0
Trois-Rivières, Quebec	559	23	21	425	90	0
Tuktoyaktuk, Northwest Territories	108	0	78	0	30	0
Umiujaq, Quebec	173	.	.	.	.	..
Waskaganish, Quebec	193	0	169	24	0	0
Watson Lake, Yukon	268	0	52	121	95	0
Welland/Niagara Central, Ontario	53	0	2	48	0	3
Wemindji, Quebec	142	0	138	2	2	0
Whale Cove, Nunavut	131	0	115	16	0	0
Yorkton Municipal, Saskatchewan	562	48	99	353	62	0
Total (113)	42,535	1,772	21,175	9,130	8,410	20

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	129	.	..	..	.	.	.	.
Amos Municipal, Quebec	122	71	1	44	2	0	4	0
Arctic Bay, Nunavut	69	1	0	14	4	0	50	0
Arviat, Nunavut	250	20	1	25	5	116	83	0
Aupaluk, Quebec	117	.	..	..	.	.	.	.
Baie-Comeau, Quebec	666	99	89	278	36	129	35	0
Baker Lake, Nunavut	603	21	119	157	25	85	180	16
Barrie-Orillia-Lake Simcoe Regional, Ontario	439	326	42	54	7	6	4	0
Bathurst, New Brunswick	225	38	36	43	0	103	5	0
Beaver Creek, Yukon	17	15	0	2	0	0	0	0
Buffalo Narrows, Saskatchewan	455	33	26	281	115	0	0	0
Burwash, Yukon	8	8	0	0	0	0	0	0
Cambridge Bay, Nunavut	417	2	4	160	51	46	100	54
Cape Dorset, Nunavut	66	0	0	6	1	24	35	0
Charlo, New Brunswick	42	8	2	30	0	2	0	0
Chesterfield Inlet, Nunavut	168	3	3	35	15	84	28	0
Chevery, Quebec	250	6	6	106	132	0	0	0
Chibougamau/Chapais, Quebec	458	57	88	146	33	128	6	0
Clyde River, Nunavut	159	2	2	15	0	68	72	0
Collingwood, Ontario	604	556	27	4	3	4	10	0
Comox, British Columbia	2,161	109	689	62	503	382	175	241
Coral Harbour, Nunavut	191	3	0	32	28	86	40	2
Dauphin, Manitoba	340	152	10	142	10	10	0	16
Dawson, Yukon	427	245	52	42	4	0	84	0
Dawson Creek, British Columbia	463	134	8	66	160	57	38	0
Déline, Northwest Territories	156	7	51	25	43	8	22	0
Digby, Nova Scotia	55	49	6	0	0	0	0	0
Drummondville, Quebec	333	315	12	6	0	0	0	0
Dryden Regional, Ontario	975	165	250	449	2	4	101	4
Eastmain River, Quebec	97	2	0	12	8	75	0	0
Elliot Lake Municipal, Ontario	282	80	70	110	10	6	6	0
Eureka, Nunavut	92	2	16	48	2	22	0	2
Faro, Yukon	186	69	75	42	0	0	0	0
Flin Flon, Manitoba	438	58	30	250	1	97	2	0
Fort Frances Municipal, Ontario	384	56	95	233	0	0	0	0
Fort Liard, Northwest Territories	48	24	20	4	0	0	0	0
Fort McPherson, Northwest Territories	4	0	0	4	0	0	0	0
Fort Resolution, Northwest Territories	27	3	4	11	1	0	8	0
Fort Simpson, Northwest Territories	229	82	65	42	0	10	30	0
Gamèti/Rae Lakes, Northwest Territories	71	1	40	20	4	0	6	0
Gaspé, Quebec	326	20	6	13	0	269	18	0
Geraldton, Ontario	131	63	17	49	0	2	0	0
Gillam, Manitoba	238	24	95	26	0	93	0	0
Gjoa Haven, Nunavut	152	9	1	16	10	49	63	4
Goose Bay, Newfoundland and Labrador	2,530	240	224	956	269	551	182	108
Hall Beach, Nunavut	374	74	2	177	3	48	70	0
Havre St-Pierre, Quebec	428	133	97	98	50	27	23	0
Hay River, Northwest Territories	536	37	58	80	113	114	108	26
Hearst/René Fontaine Municipal, Ontario	36	7	0	29	0	0	0	0
Igloolik, Nunavut	123	0	0	22	0	58	43	0
Inukjuak, Quebec	20	.	..	..	.	.	.	.
Island Lake, Manitoba	1,249	617	38	424	10	139	21	0
Ivujivik, Quebec	142	.	..	..	.	.	.	.
Kangiqsualujuaq, Quebec	141	.	..	..	.	.	.	.
Kangirsuk, Quebec	222	.	..	..	.	.	.	.
Kapuskasing, Ontario	307	4	53	224	2	12	12	0
Kimirut, Nunavut	48	0	0	48	0	0	0	0
Kugaaruk, Nunavut	105	0	11	23	6	20	37	8
Kugluktuk, Nunavut	253	2	0	38	19	43	92	59
Kuujuaq, Quebec	529	16	0	259	2	80	172	0
Lourdes-de-Blanc-Sablon, Quebec	579	13	103	226	109	120	8	0
Lutsel'e, Northwest Territories	127	12	80	28	0	1	6	0
Mayo, Yukon	576	117	15	424	12	0	8	0
Miramichi, New Brunswick	313	142	96	25	34	14	0	2
Moosonee, Ontario	4,311	3,350	179	486	153	114	29	0
Muskoka, Ontario	849	534	158	88	34	7	10	18
Nakina, Ontario	563	90	306	117	50	0	0	0

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						
Natashquan, Quebec	230	77	13	76	64	0	0	0
Norway House, Manitoba	395	52	22	315	4	2	0	0
Old Crow, Yukon	60	2	0	7	4	0	47	0
Pabok, Quebec	28	2	2	2	2	14	6	0
Pangnirtung, Nunavut	190	1	0	28	0	78	83	0
Paulatuk, Northwest Territories	64	1	0	59	0	0	4	0
Peterborough, Ontario	459	364	19	32	21	1	14	8
Pickle Lake, Ontario	1,483	361	639	139	148	16	180	0
Pond Inlet, Nunavut	72	0	3	29	2	38	0	0
Port-Menier, Quebec	72	0	66	6	0	0	0	0
Prince Rupert/Digby Island, British Columbia	32	0	32	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	931	89	763	79	0	0	0	0
Puvirnituq, Quebec	495	.	..	..	.	.	.	.
Qikiqtarjuaq, Nunavut	95	0	1	17	7	31	39	0
Quaqtaq, Quebec	92	.	..	..	.	.	.	.
Quesnel, British Columbia	416	217	7	0	192	0	0	0
Red Lake, Ontario	1,892	351	688	564	176	7	102	4
Repulse Bay, Nunavut	148	16	0	41	13	35	43	0
Resolute Bay, Nunavut	428	4	7	232	30	73	52	30
Rimouski, Quebec	272	136	29	97	4	2	4	0
Roberval, Quebec	237	159	30	46	2	0	0	0
Salluit, Quebec	192	.	..	..	.	.	.	.
Sandspit, British Columbia	174	66	17	20	8	61	2	0
Sanikiluaq, Nunavut	107	0	0	48	7	0	52	0
Sherbrooke, Quebec	197	169	10	8	6	0	2	2
St. Anthony, Newfoundland and Labrador	450	54	51	128	74	121	22	0
St-Augustin, Quebec	101	5	0	36	60	0	0	0
St. Theresa Point, Manitoba	1,315	978	28	155	1	125	28	0
Stephenville, Newfoundland and Labrador	127	14	13	16	16	52	16	0
Stony Rapids, Saskatchewan	908	202	263	234	116	91	2	0
Sydney, Nova Scotia	470	41	77	41	16	271	10	14
Taloyoak, Nunavut	129	2	0	20	6	56	45	0
Tasiujaq, Quebec	70	.	..	..	.	.	.	.
Teslin, Yukon	8	8	0	0	0	0	0	0
The Pas, Manitoba	251	23	49	83	7	87	2	0
Tillsonburg, Ontario	235	..	..	..	..	..	..	..
Tofino, British Columbia	90	48	26	11	0	3	0	2
Trois-Rivières, Quebec	559	466	41	20	12	2	3	15
Tuktoyaktuk, Northwest Territories	108	26	0	80	0	2	0	0
Umiujaq, Quebec	173	.	..	..	.	.	.	.
Waskaganish, Quebec	193	18	6	6	12	151	0	0
Watson Lake, Yukon	268	198	18	10	42	0	0	0
Welland/Niagara Central, Ontario	53	49	2	2	0	0	0	0
Wemindji, Quebec	142	2	2	36	10	92	0	0
Whale Cove, Nunavut	131	14	2	19	0	38	58	0
Yorkton Municipal, Saskatchewan	562	337	59	111	45	10	0	0
Total (113)	42,535	12,878	6,463	9,729	3,188	4,772	2,842	635

Table 3
Local movements by type of operation

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	44	44	0
Arctic Bay, Nunavut	1	0	1
Aupaluk, Quebec	116	.	.
Baie-Comeau, Quebec	22	22	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	1,027	1,027	0
Buffalo Narrows, Saskatchewan	6	6	0
Cambridge Bay, Nunavut	24	24	0
Chibougamau/Chapais, Quebec	6	6	0
Clyde River, Nunavut	13	13	0
Collingwood, Ontario	120	120	0
Coral Harbour, Nunavut	1	0	1
Dauphin, Manitoba	22	22	0
Dawson, Yukon	1	1	0
Dawson Creek, British Columbia	78	78	0
Digby, Nova Scotia	36	36	0
Drummondville, Quebec	138	138	0
Dryden Regional, Ontario	445	437	8
Elliot Lake Municipal, Ontario	118	118	0
Geraldton, Ontario	24	22	2
Gjoa Haven, Nunavut	2	2	0
Havre St-Pierre, Quebec	24	24	0
Hay River, Northwest Territories	11	11	0
Island Lake, Manitoba	8	8	0
Kapuskasing, Ontario	86	86	0
Lourdes-de-Blanc-Sablon, Quebec	2	2	0
Mayo, Yukon	10	10	0
Moosonee, Ontario	52	52	0
Muskoka, Ontario	723	721	2
Norway House, Manitoba	10	10	0
Peterborough, Ontario	2,082	2,074	8
Pickle Lake, Ontario	72	72	0
Puvirnituq, Quebec	27	.	.
Quesnel, British Columbia	138	138	0
Red Lake, Ontario	78	78	0
Repulse Bay, Nunavut	2	2	0
Rimouski, Quebec	16	16	0
Roberval, Quebec	54	54	0
Salluit, Quebec	1	.	.
Sherbrooke, Quebec	614	614	0
St. Theresa Point, Manitoba	2	2	0
Sydney, Nova Scotia	50	44	6
The Pas, Manitoba	4	4	0
Tillsonburg, Ontario	518	..	..
Trois-Rivières, Quebec	387	385	2
Umiujaq, Quebec	1	.	.
Waskaganish, Quebec	68	68	0
Watson Lake, Yukon	2	2	0
Welland/Niagara Central, Ontario	1,853	1,853	0
Yorkton Municipal, Saskatchewan	374	374	0
Total (49)	9,513	8,820	30

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
Kangisujuaq	Umiujaq

3. Aggregate data only are available for Tillsonburg, Ontario.

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

a) Data for the following airports were included in the report for April, 2010 but were not available in April, 2011:

1. Bromont, Quebec
2. Fort Good Hope, Northwest Territories
3. Grise Fiord, Nunavut
4. Guelph, Ontario
5. Tulita, Northwest Territories
6. Wrigley, Northwest Territories

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

1. Eastmain River, Quebec
2. Tuktoyaktuk, 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.

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: Effective 2010, Canadian air carriers that, in each of the two calendar years 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: Effective 2010, 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.

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.