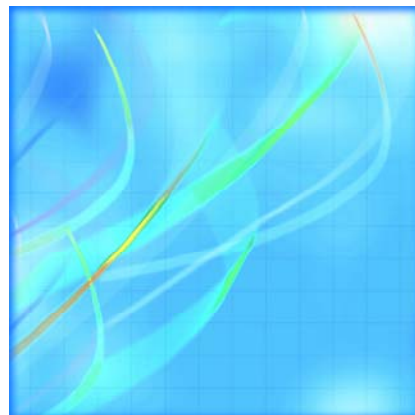


Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



January 2010



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Statistics Canada
Transportation Division

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

January 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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Highlights

Goose Bay, Newfoundland and Labrador, the most active site for January 2010, represented 6.2% of the total itinerant movements. Goose Bay recorded 1,784 take-offs and landings, down 2.1% from January 2009.

Welland/Niagara Central, Ontario (1,156 movements) followed by Barrie-Orillia-Lake Simcoe Regional, Ontario (1,082 movements) reported the greatest number of local movements in January 2010.

Text table 1

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

	January 2009	January 2010	Percentage change, January 2009 over January 2010	Year-to-date total		Percentage change 2009 over 2010
				2009	2010	
	number		percent	number		percent
Total	33,656	37,593	11.7	33,656	37,593	11.7
Itinerant movements						
Carrier	21,764	22,179	1.9	21,764	22,179	1.9
Other commercial	359	718	100.0	359	718	100.0
Private	1,475	2,127	44.2	1,475	2,127	44.2
Government						
Civil	1,035	1,048	1.3	1,035	1,048	1.3
Military	665	838	26.0	665	838	26.0
Total	27,350	28,975	5.9	27,350	28,975	5.9
Local movements						
Civil	4,249	6,540	53.9	4,249	6,540	53.9
Military	85	38	-55.3	85	38	-55.3
Total	4,363	6,587	51.0	4,363	6,587	51.0
Number of airports in the survey	132	133	...	132	133	...

Analysis

In January 2010, the number of take-offs and landings at the 133 airports without air traffic control towers reached 37,593 movements. Year-over-year increases were reported by 73 of these airports. Goose Bay, Newfoundland and Labrador (1,784 movements) followed by Red Lake, Ontario (1,760 movements) were the most active sites in January 2010.

There were 28,975 itinerant movements (flights from one airport to another) recorded by 113 airports without air traffic control towers in January 2010. Sixty-three airports reported year-over-year increases. Goose Bay, Newfoundland and Labrador, the most active site for January 2010, represented 6.2% of the total itinerant movements. Goose Bay recorded 1,784 take-offs and landings, down 2.1% from January 2009.

There were 6,587 local movements (flights that remain in the vicinity of the airport) recorded by 35 airports without air traffic control towers in January 2010. Welland/Niagara Central, Ontario (1,156 movements) followed by Barrie-Orillia-Lake Simcoe Regional, Ontario (1,082 movements) reported the greatest number of local movements in January 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
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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	.	149	149	0
Amos Municipal, Quebec	16	80	52	28
Arviat, Nunavut	24	197	197	0
Aupaluk, Quebec	.	88	88	0
Baie-Comeau, Quebec	30	478	478	0
Baker Lake, Nunavut	27	283	283	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	30	1,377	295	1,082
Bathurst, New Brunswick	31	209	209	0
Beaver Creek, Yukon	11	37	37	0
Berens River, Manitoba	..	110	..	..
Bloodvein River, Manitoba	..	122	..	..
Brochet, Manitoba	..	72	..	..
Bromont, Quebec	19	166	166	0
Buffalo Narrows, Saskatchewan	26	453	441	12
Burwash, Yukon	3	9	9	0
Cambridge Bay, Nunavut	31	274	274	0
Cape Dorset, Nunavut	14	52	52	0
Charlo, New Brunswick	21	68	68	0
Chesterfield Inlet, Nunavut	24	93	93	0
Chevery, Quebec	25	246	246	0
Chibougamau/Chapais, Quebec	27	243	243	0
Clyde River, Nunavut	23	79	79	0
Collingwood, Ontario	18	322	252	70
Comox, British Columbia	31	1,582	1,582	0
Coral Harbour, Nunavut	17	60	60	0
Cross Lake, Manitoba	..	126	..	..
Dauphin, Manitoba	25	262	256	6
Dawson, Yukon	27	200	164	36
Dawson Creek, British Columbia	31	530	460	70
Déline, Northwest Territories	26	166	166	0
Digby, Nova Scotia	9	70	70	0
Digby Island, British Columbia	6	12	12	0
Drummondville, Quebec	15	212	112	100
Dryden Regional, Ontario	31	882	649	233
Elliot Lake Municipal, Ontario	29	244	244	0
Eureka, Nunavut	2	4	4	0
Faro, Yukon	16	34	34	0
Flin Flon, Manitoba	31	404	400	4
Fort Frances Municipal, Ontario	28	350	350	0
Fort Liard, Northwest Territories	8	25	25	0
Fort McPherson, Northwest Territories	6	13	13	0
Fort Resolution, Northwest Territories	9	27	27	0
Fort Simpson, Northwest Territories	31	171	171	0
Fort Smith, Northwest Territories	27	347	347	0
Gamëti/Rae Lakes, Northwest Territories	24	93	93	0
Gaspé, Quebec	31	290	290	0
Geraldton, Ontario	26	222	212	10
Gillam, Manitoba	26	237	237	0
Gjoa Haven, Nunavut	24	146	146	0
Gods Lake Narrows, Manitoba	..	132	..	..
Gods River, Manitoba	..	166	..	..
Goose Bay, Newfoundland and Labrador	31	1,784	1,784	0
Guelph, Ontario	14	970	0	970
Hall Beach, Nunavut	28	132	132	0
Havre St-Pierre, Quebec	29	182	182	0
Hay River, Northwest Territories	30	447	441	6
Hearst/René Fontaine Municipal, Ontario	15	64	64	0
Igloolik, Nunavut	27	97	97	0
Ilford, Manitoba	..	22	..	..
Inukjuak, Quebec	.	211	211	0
Island Lake, Manitoba	31	783	783	0
Ivujivik, Quebec	.	112	112	0
Kangisualujjuaq, Quebec	.	125	125	0
Kangirsuk, Quebec	.	174	174	0
Kapuskasing, Ontario	31	289	289	0
Kimirut, Nunavut	14	50	50	0
Kugaaruk, Nunavut	27	68	68	0
Kuujuarapik, Quebec	29	424	424	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	..	132	..	..
Little Grand Rapids, Manitoba	..	238	..	..
Lourdes-de-Blanc-Sablon, Quebec	31	463	443	20
Lutselk'e, Northwest Territories	28	169	169	0
Mayo, Yukon	1	1	1	0
Miramichi, New Brunswick	26	181	181	0
Moosonee, Ontario	31	1,043	915	128
Muskoka, Ontario	30	612	434	178
Nakina, Ontario	29	782	780	2
Nanisivik, Nunavut	20	49	49	0
Natashquan, Quebec	20	133	133	0
Norway House, Manitoba	31	287	287	0
Old Crow, Yukon	13	29	29	0
Oxford House, Manitoba	..	174	..	..
Pabok, Quebec	11	24	24	0
Pangnirtung, Nunavut	27	141	141	0
Peterborough, Ontario	28	1,257	373	884
Pickle Lake, Ontario	30	1,150	1,136	14
Pikwitonei, Manitoba	..	10	..	..
Pond Inlet, Nunavut	12	44	44	0
Poplar River, Manitoba	..	128	..	..
Port-Menier, Quebec	16	80	80	0
Prince Rupert/Seal Cove, British Columbia	29	750	740	10
Pukatawagan, Manitoba	..	114	..	..
Puvirnituq, Quebec	.	363	354	9
Qikiqtarjuaq, Nunavut	18	49	49	0
Quaqtaq, Quebec	.	122	122	0
Quesnel, British Columbia	29	245	235	10
Red Lake, Ontario	30	1,760	1,710	50
Red Sucker Lake, Manitoba	..	117	..	..
Repulse Bay, Nunavut	20	75	75	0
Resolute Bay, Nunavut	25	86	86	0
Rimouski, Quebec	24	264	204	60
Roberval, Quebec	14	56	56	0
Salluit, Quebec	.	120	120	0
Sandspit, British Columbia	30	147	147	0
Sanikiluaq, Nunavut	13	54	54	0
Shamattawa, Manitoba	..	198	..	..
Sherbrooke, Quebec	23	417	143	274
South Indian Lake, Manitoba	..	52	..	..
St. Anthony, Newfoundland and Labrador	31	307	291	16
St. Augustin, Quebec	19	121	121	0
St. Theresa Point, Manitoba	31	681	679	2
Stephenville, Newfoundland and Labrador	25	110	110	0
Stony Rapids, Saskatchewan	28	731	723	8
Sydney, Nova Scotia	31	549	515	34
Tadoule Lake, Manitoba	..	86	..	..
Taloyoak, Nunavut	29	124	124	0
Tasiujaq, Quebec	.	106	106	0
Teslin, Yukon	2	6	6	0
The Pas, Manitoba	30	264	258	6
Thicket Portage, Manitoba	..	10	..	..
Tofino, British Columbia	28	241	227	14
Trois-Rivières, Quebec	31	1,503	552	951
Tuktoyaktuk, Northwest Territories	27	105	105	0
Tulita, Northwest Territories	21	169	169	0
Umiujaq, Quebec	.	117	117	0
Waskaganish, Quebec	21	243	209	34
Watson Lake, Yukon	24	70	70	0
Welland/Niagara Central, Ontario	19	1,183	27	1,156
Wemindji, Quebec	23	120	120	0
Whale Cove, Nunavut	24	134	134	0
Wrigley, Northwest Territories	9	26	26	0
York Landing, Manitoba	..	22	..	..
Yorkton Municipal, Saskatchewan	27	301	201	100
Total (133)	31	37,593	28,975	6,587

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	149	.	.	.	.	.	.	.	.
Amos Municipal, Quebec	52	19	1	31	0	0	1	0	0	
Arviat, Nunavut	197	197	0	0	0	0	0	0	0	
Aupaluk, Quebec	88	.	.	.	.	.	.	.	.
Baie-Comeau, Quebec	478	404	0	24	0	0	1	47	2	
Baker Lake, Nunavut	283	281	0	0	0	0	0	0	2	
Barrie-Orillia-Lake Simcoe Regional, Ontario	295	98	30	130	5	0	6	26	0	
Bathurst, New Brunswick	209	178	0	0	3	0	22	6	0	
Beaver Creek, Yukon	37	35	1	0	0	1	0	0	0	
Bromont, Quebec	166	20	38	103	0	0	3	2	0	
Buffalo Narrows, Saskatchewan	441	390	27	2	0	0	0	22	0	
Burwash, Yukon	9	9	0	0	0	0	0	0	0	
Cambridge Bay, Nunavut	274	260	2	0	0	0	0	10	2	
Cape Dorset, Nunavut	52	50	0	0	0	0	0	2	0	
Charlo, New Brunswick	68	38	0	21	0	0	5	4	0	
Chesterfield Inlet, Nunavut	93	93	0	0	0	0	0	0	0	
Chevery, Quebec	246	226	16	4	0	0	0	0	0	
Chibougamau/Chapais, Quebec	243	210	0	28	0	0	10	5	0	
Clyde River, Nunavut	79	76	0	0	0	0	0	2	1	
Collingwood, Ontario	252	16	35	201	0	0	0	0	0	
Comox, British Columbia	1,582	994	0	6	14	0	0	20	548	
Coral Harbour, Nunavut	60	58	0	0	0	0	0	0	2	
Dauphin, Manitoba	256	108	60	22	0	0	0	12	54	
Dawson, Yukon	164	132	1	28	0	0	3	0	0	
Dawson Creek, British Columbia	460	370	4	84	0	0	0	2	0	
Déline, Northwest Territories	166	160	0	2	0	0	0	4	0	
Digby, Nova Scotia	70	6	0	64	0	0	0	0	0	
Digby Island, British Columbia	12	12	0	0	0	0	0	0	0	
Drummondville, Quebec	112	48	10	50	0	0	4	0	0	
Dryden Regional, Ontario	649	592	9	16	0	0	0	30	2	
Elliot Lake Municipal, Ontario	244	148	82	6	1	2	1	2	2	
Eureka, Nunavut	4	4	0	0	0	0	0	0	0	
Faro, Yukon	34	32	0	0	0	0	0	0	2	
Flin Flon, Manitoba	400	361	0	11	0	0	0	28	0	
Fort Frances Municipal, Ontario	350	341	0	4	0	0	3	2	0	
Fort Liard, Northwest Territories	25	25	0	0	0	0	0	0	0	
Fort McPherson, Northwest Territories	13	7	0	1	0	0	1	4	0	
Fort Resolution, Northwest Territories	27	23	0	0	0	0	0	2	2	
Fort Simpson, Northwest Territories	171	162	0	3	0	0	0	6	0	
Fort Smith, Northwest Territories	347	329	0	6	0	0	0	10	2	
Gamèti/Rae Lakes, Northwest Territories	93	89	0	0	0	0	0	4	0	
Gaspé, Quebec	290	236	4	4	0	0	0	46	0	
Geraldton, Ontario	212	106	71	7	0	0	0	28	0	
Gillam, Manitoba	237	225	0	2	0	0	0	10	0	
Gjoa Haven, Nunavut	146	142	0	0	0	0	0	2	2	
Goose Bay, Newfoundland and Labrador	1,784	1,309	35	71	95	38	121	58	57	
Hall Beach, Nunavut	132	122	0	0	0	0	0	6	4	
Havre St-Pierre, Quebec	182	139	0	15	0	0	0	28	0	
Hay River, Northwest Territories	441	406	0	3	0	0	0	22	10	
Hearst/René Fontaine Municipal, Ontario	64	64	0	0	0	0	0	0	0	
Igloolik, Nunavut	97	97	0	0	0	0	0	0	0	
Inukjuak, Quebec	211	.	.	.	.	.	.	.	.
Island Lake, Manitoba	783	757	0	10	0	0	0	16	0	
Ivujivik, Quebec	112	.	.	.	.	.	.	.	.
Kangiqsualujuaq, Quebec	125	.	.	.	.	.	.	.	.
Kangirsuk, Quebec	174	.	.	.	.	.	.	.	.
Kapusking, Ontario	289	251	2	0	0	0	0	8	28	
Kimirut, Nunavut	50	48	0	0	0	0	0	2	0	
Kugaaruk, Nunavut	68	66	0	0	0	0	0	0	2	
Kuujuarapik, Quebec	424	418	0	4	0	0	0	2	0	
Lourdes-de-Blanc-Sablon, Quebec	443	385	45	5	0	0	0	8	0	
Lutsel'k'e, Northwest Territories	169	161	0	2	0	0	0	6	0	
Mayo, Yukon	1	1	0	0	0	0	0	0	0	
Miramichi, New Brunswick	181	129	20	25	0	0	0	4	3	
Moosonee, Ontario	915	912	0	3	0	0	0	0	0	
Muskoka, Ontario	434	155	38	164	2	0	4	68	3	
Nakina, Ontario	780	776	0	2	0	0	0	2	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									
Nanisivik, Nunavut	49	47	0	0	0	0	0	2	0
Natashquan, Quebec	133	120	0	13	0	0	0	0	0
Norway House, Manitoba	287	262	0	1	0	0	0	24	0
Old Crow, Yukon	29	26	0	0	0	0	3	0	0
Pabok, Quebec	24	2	0	0	0	0	0	22	0
Pangnirtung, Nunavut	141	137	0	0	0	0	0	4	0
Peterborough, Ontario	373	108	40	213	0	0	0	10	2
Pickle Lake, Ontario	1,136	1,111	0	17	0	0	0	8	0
Pond Inlet, Nunavut	44	42	0	0	0	0	0	2	0
Port-Menier, Quebec	80	80	0	0	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	740	498	48	26	0	0	3	165	0
Puvirnituq, Quebec	354	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	49	47	0	0	0	0	0	2	0
Quaqtaq, Quebec	122	.	.	.	.	.	.	.	.
Quesnel, British Columbia	235	180	0	47	0	0	0	8	0
Red Lake, Ontario	1,710	1,605	4	68	0	0	1	32	0
Repulse Bay, Nunavut	75	75	0	0	0	0	0	0	0
Resolute Bay, Nunavut	86	80	0	0	0	0	0	0	6
Rimouski, Quebec	204	97	0	99	0	0	0	8	0
Roberval, Quebec	56	20	2	32	0	0	0	2	0
Salluit, Quebec	120	.	.	.	.	.	.	.	.
Sandspit, British Columbia	147	139	2	0	0	0	0	6	0
Sanikiluaq, Nunavut	54	54	0	0	0	0	0	0	0
Sherbrooke, Quebec	143	28	8	94	1	0	6	0	6
St. Anthony, Newfoundland and Labrador	291	275	6	0	0	0	0	10	0
St. Augustin, Quebec	121	84	31	4	0	0	0	2	0
St. Theresa Point, Manitoba	679	657	0	0	0	0	0	22	0
Stephenville, Newfoundland and Labrador	110	65	1	5	6	0	13	10	10
Stony Rapids, Saskatchewan	723	701	0	2	0	0	0	20	0
Sydney, Nova Scotia	515	398	10	33	0	0	1	40	33
Taloyoak, Nunavut	124	116	0	0	0	0	0	6	2
Tasiujaq, Quebec	106	.	.	.	.	.	.	.	.
Teslin, Yukon	6	2	0	4	0	0	0	0	0
The Pas, Manitoba	258	215	0	22	0	0	0	21	0
Tofino, British Columbia	227	142	14	16	0	0	1	34	20
Trois-Rivières, Quebec	552	307	18	216	0	0	1	8	2
Tuktoyaktuk, Northwest Territories	105	99	0	0	0	0	0	4	2
Tulita, Northwest Territories	169	163	0	4	0	0	0	2	0
Umiujaq, Quebec	117	.	.	.	.	.	.	.	.
Waskaganish, Quebec	209	209	0	0	0	0	0	0	0
Watson Lake, Yukon	70	50	0	16	0	0	0	2	2
Welland/Niagara Central, Ontario	27	2	0	10	0	0	15	0	0
Wemindji, Quebec	120	119	1	0	0	0	0	0	0
Whale Cove, Nunavut	134	125	0	0	0	0	0	0	9
Wrigley, Northwest Territories	26	26	0	0	0	0	0	0	0
Yorkton Municipal, Saskatchewan	201	160	2	21	0	0	0	4	14
Total (113)	28,975	22,179	718	2,127	127	41	219	1,048	838

Table 2-2
Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
number						
Akulivik, Quebec	149	.	.	.	.	..
Amos Municipal, Quebec	52	0	18	33	1	0
Arviat, Nunavut	197	0	197	0	0	0
Aupaluk, Quebec	88	.	.	.	.	..
Baie-Comeau, Quebec	478	18	396	52	12	0
Baker Lake, Nunavut	283	0	281	2	0	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	295	14	73	150	58	0
Bathurst, New Brunswick	209	0	143	62	4	0
Beaver Creek, Yukon	37	0	4	2	31	0
Bromont, Quebec	166	2	4	144	16	0
Buffalo Narrows, Saskatchewan	441	4	380	55	2	0
Burwash, Yukon	9	0	2	0	7	0
Cambridge Bay, Nunavut	274	78	176	2	18	0
Cape Dorset, Nunavut	52	0	52	0	0	0
Charlo, New Brunswick	68	2	26	40	0	0
Chesterfield Inlet, Nunavut	93	0	93	0	0	0
Chevery, Quebec	246	0	240	6	0	0
Chibougamau/Chapais, Quebec	243	10	198	33	2	0
Clyde River, Nunavut	79	0	78	1	0	0
Collingwood, Ontario	252	0	14	216	20	2
Comox, British Columbia	1,582	365	881	115	221	0
Coral Harbour, Nunavut	60	0	60	0	0	0
Dauphin, Manitoba	256	7	127	119	3	0
Dawson, Yukon	164	0	63	48	53	0
Dawson Creek, British Columbia	460	11	319	89	41	0
Déline, Northwest Territories	166	0	119	45	2	0
Digby, Nova Scotia	70	0	0	58	12	0
Digby Island, British Columbia	12	0	6	6	0	0
Drummondville, Quebec	112	0	0	94	18	0
Dryden Regional, Ontario	649	0	400	110	137	2
Elliot Lake Municipal, Ontario	244	0	183	37	24	0
Eureka, Nunavut	4	0	4	0	0	0
Faro, Yukon	34	0	12	0	22	0
Flin Flon, Manitoba	400	1	330	58	11	0
Fort Frances Municipal, Ontario	350	4	265	77	4	0
Fort Liard, Northwest Territories	25	0	0	19	6	0
Fort McPherson, Northwest Territories	13	0	11	2	0	0
Fort Resolution, Northwest Territories	27	0	21	4	2	0
Fort Simpson, Northwest Territories	171	2	153	16	0	0
Fort Smith, Northwest Territories	347	4	271	64	8	0
Gamèti/Rae Lakes, Northwest Territories	93	0	87	6	0	0
Gaspé, Quebec	290	14	272	4	0	0
Geraldton, Ontario	212	0	168	19	25	0
Gillam, Manitoba	237	0	109	128	0	0
Gjoa Haven, Nunavut	146	8	137	0	1	0
Goose Bay, Newfoundland and Labrador	1,784	327	1,131	69	257	0
Hall Beach, Nunavut	132	0	118	0	14	0
Havre St-Pierre, Quebec	182	2	70	66	44	0
Hay River, Northwest Territories	441	0	336	88	17	0
Hears/rené Fontaine Municipal, Ontario	64	0	53	0	11	0
Igloolik, Nunavut	97	0	97	0	0	0
Inukjuak, Quebec	211	.	.	.	.	..
Island Lake, Manitoba	783	2	468	89	224	0
Ivujivik, Quebec	112	.	.	.	.	..
Kangiqsualujjuaq, Quebec	125	.	.	.	.	..
Kangirsuk, Quebec	174	.	.	.	.	..
Kapuskasing, Ontario	289	0	275	4	10	0
Kimirut, Nunavut	50	0	50	0	0	0
Kugaaruk, Nunavut	68	2	66	0	0	0
Kuujuarapik, Quebec	424	2	418	4	0	0
Lourdes-de-Blanc-Sablon, Quebec	443	0	424	9	10	0
Lutselk'e, Northwest Territories	169	0	123	46	0	0
Mayo, Yukon	1	0	0	0	1	0
Miramichi, New Brunswick	181	16	17	145	3	0
Moosonee, Ontario	915	0	732	87	96	0
Muskoka, Ontario	434	2	112	249	70	1
Nakina, Ontario	780	0	730	2	48	0
Nanisivik, Nunavut	49	0	49	0	0	0

Table 2-2 – continued

Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
number						
Natashquan, Quebec	133	0	120	13	0	0
Norway House, Manitoba	287	2	270	15	0	0
Old Crow, Yukon	29	0	29	0	0	0
Pabok, Quebec	24	6	16	2	0	0
Pangnirtung, Nunavut	141	0	141	0	0	0
Peterborough, Ontario	373	26	22	300	21	4
Pickle Lake, Ontario	1,136	0	1,054	27	55	0
Pond Inlet, Nunavut	44	0	44	0	0	0
Port-Menier, Quebec	80	0	8	72	0	0
Prince Rupert/Seal Cove, British Columbia	740	0	90	423	227	0
Puvirnituq, Quebec	354	.	.	.	.	.
Qikiqtarjuaq, Nunavut	49	0	49	0	0	0
Quaqtaq, Quebec	122	.	.	.	.	.
Quesnel, British Columbia	235	2	176	53	4	0
Red Lake, Ontario	1,710	4	1,204	460	41	1
Repulse Bay, Nunavut	75	0	75	0	0	0
Resolute Bay, Nunavut	86	12	72	0	2	0
Rimouski, Quebec	204	6	30	135	33	0
Roberval, Quebec	56	2	6	44	4	0
Salluit, Quebec	120	.	.	.	.	.
Sandspit, British Columbia	147	6	95	0	46	0
Sanikiluaq, Nunavut	54	0	54	0	0	0
Sherbrooke, Quebec	143	8	12	109	14	0
St. Anthony, Newfoundland and Labrador	291	0	279	0	12	0
St. Augustin, Quebec	121	0	88	31	2	0
St. Theresa Point, Manitoba	679	2	327	70	280	0
Stephenville, Newfoundland and Labrador	110	38	60	1	11	0
Stony Rapids, Saskatchewan	723	0	491	232	0	0
Sydney, Nova Scotia	515	54	338	74	49	0
Taloyoak, Nunavut	124	2	122	0	0	0
Tasiujaq, Quebec	106	.	.	.	.	.
Teslin, Yukon	6	0	2	4	0	0
The Pas, Manitoba	258	2	222	34	0	0
Tofino, British Columbia	227	6	50	50	119	2
Trois-Rivières, Quebec	552	11	12	491	38	0
Tuktoyaktuk, Northwest Territories	105	0	103	0	2	0
Tulita, Northwest Territories	169	0	108	55	6	0
Umiujaq, Quebec	117	.	.	.	.	.
Waskaganish, Quebec	209	0	197	12	0	0
Watson Lake, Yukon	70	0	35	14	21	0
Welland/Niagara Central, Ontario	27	0	0	27	0	0
Wemindji, Quebec	120	0	112	0	8	0
Whale Cove, Nunavut	134	0	134	0	0	0
Wrigley, Northwest Territories	26	0	0	24	2	0
Yorkton Municipal, Saskatchewan	201	14	54	121	12	0
Total (113)	28,975	1,100	17,943	5,667	2,575	12

Table 2-3
Itinerant movements by aircraft weight groups

	Total itinerant movements	Gross take-off weight in kilograms						
		2 000	2 001	4 001	5 671	9 001	18 001	35 001
		and under	to 4 000	to 5 670	to 9 000	to 18 000	to 35 000	and over
		number						
Akulivik, Quebec	149	.	..	..	.	.	.	0
Amos Municipal, Quebec	52	34	0	18	0	0	0	0
Arviat, Nunavut	197	0	0	49	36	76	36	0
Aupaluk, Quebec	88	.	..	..	.	.	.	0
Baie-Comeau, Quebec	478	19	45	163	98	135	18	0
Baker Lake, Nunavut	283	0	2	77	32	90	80	2
Barrie-Orillia-Lake Simcoe Regional, Ontario	295	201	7	55	28	4	0	0
Bathurst, New Brunswick	209	28	38	36	0	105	2	0
Beaver Creek, Yukon	37	33	0	4	0	0	0	0
Bromont, Quebec	166	158	2	4	2	0	0	0
Buffalo Narrows, Saskatchewan	441	33	24	317	65	0	2	0
Burwash, Yukon	9	7	0	2	0	0	0	0
Cambridge Bay, Nunavut	274	2	0	68	30	40	76	58
Cape Dorset, Nunavut	52	0	0	4	0	27	21	0
Charlo, New Brunswick	68	30	10	28	0	0	0	0
Chesterfield Inlet, Nunavut	93	0	0	19	33	33	8	0
Chevery, Quebec	246	0	8	90	144	4	0	0
Chibougamau/Chapais, Quebec	243	22	14	114	22	65	5	1
Clyde River, Nunavut	79	0	1	4	0	15	59	0
Collingwood, Ontario	252	230	6	16	0	0	0	0
Comox, British Columbia	1,582	45	89	75	565	276	214	318
Coral Harbour, Nunavut	60	0	0	2	26	0	30	2
Dauphin, Manitoba	256	111	12	111	6	2	0	14
Dawson, Yukon	164	101	0	8	0	0	55	0
Dawson Creek, British Columbia	460	111	35	56	152	104	0	2
Déline, Northwest Territories	166	4	56	80	0	0	26	0
Digby, Nova Scotia	70	70	0	0	0	0	0	0
Digby Island, British Columbia	12	0	12	0	0	0	0	0
Drummondville, Quebec	112	99	13	0	0	0	0	0
Dryden Regional, Ontario	649	172	39	432	4	0	0	2
Elliot Lake Municipal, Ontario	244	49	70	117	0	8	0	0
Eureka, Nunavut	4	0	0	2	2	0	0	0
Faro, Yukon	34	22	2	8	0	0	0	2
Flin Flon, Manitoba	400	20	58	227	1	94	0	0
Fort Frances Municipal, Ontario	350	10	79	255	6	0	0	0
Fort Liard, Northwest Territories	25	16	9	0	0	0	0	0
Fort McPherson, Northwest Territories	13	2	0	11	0	0	0	0
Fort Resolution, Northwest Territories	27	2	4	15	0	0	6	0
Fort Simpson, Northwest Territories	171	15	52	28	0	0	74	2
Fort Smith, Northwest Territories	347	72	8	49	214	0	0	4
Gamëti/Rae Lakes, Northwest Territories	93	2	58	33	0	0	0	0
Gaspé, Quebec	290	0	4	11	0	251	24	0
Geraldton, Ontario	212	15	135	62	0	0	0	0
Gillam, Manitoba	237	0	128	20	4	85	0	0
Gjoa Haven, Nunavut	146	0	0	12	10	40	82	2
Goose Bay, Newfoundland and Labrador	1,784	260	84	622	125	495	112	86
Hall Beach, Nunavut	132	0	0	24	2	45	59	2
Havre St-Pierre, Quebec	182	43	67	30	21	19	2	0
Hay River, Northwest Territories	441	9	14	110	100	76	132	0
Hearst/René Fontaine Municipal, Ontario	64	8	0	56	0	0	0	0
Igloolik, Nunavut	97	0	0	8	0	44	45	0
Inukjuak, Quebec	211	.	..	..	.	.	.	0
Island Lake, Manitoba	783	301	12	324	4	100	42	0
Ivujivik, Quebec	112	.	..	..	.	.	.	0
Kangiqsualujuaq, Quebec	125	.	..	..	.	.	.	0
Kangirsuk, Quebec	174	.	..	..	.	.	.	0
Kapuskasing, Ontario	289	6	42	241	0	0	0	0
Kimmirut, Nunavut	50	0	0	50	0	0	0	0
Kugaaruk, Nunavut	68	0	0	2	0	32	30	4
Kuujuarapik, Quebec	424	4	0	182	0	66	172	0
Lourdes-de-Blanc-Sablon, Quebec	443	10	17	170	125	121	0	0
Lutsel'k'e, Northwest Territories	169	4	106	48	2	3	6	0
Mayo, Yukon	1	1	0	0	0	0	0	0
Miramichi, New Brunswick	181	108	40	14	3	16	0	0
Moosonee, Ontario	915	27	130	443	128	120	67	0
Muskoka, Ontario	434	299	42	75	10	0	8	0
Nakina, Ontario	780	2	570	133	75	0	0	0

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						
Nanisivik, Nunavut	49	0	0	6	0	0	43	0
Natashquan, Quebec	133	13	7	59	54	0	0	0
Norway House, Manitoba	287	2	13	268	4	0	0	0
Old Crow, Yukon	29	0	0	0	3	0	26	0
Pabok, Quebec	24	0	2	0	0	16	6	0
Pangnirtung, Nunavut	141	0	0	18	0	43	80	0
Peterborough, Ontario	373	294	30	17	17	6	7	2
Pickle Lake, Ontario	1,136	66	535	143	75	0	317	0
Pond Inlet, Nunavut	44	0	0	13	0	7	24	0
Port-Menier, Quebec	80	0	72	6	2	0	0	0
Prince Rupert/Seal Cove, British Columbia	740	47	658	0	0	35	0	0
Puvirnituq, Quebec	354	.	..	..	.	.	.	.
Qikiqtarjuaq, Nunavut	49	0	0	4	0	15	30	0
Quaqtaq, Quebec	122	.	..	..	.	.	.	.
Quesnel, British Columbia	235	53	2	10	170	0	0	0
Red Lake, Ontario	1,710	289	389	514	393	11	114	0
Repulse Bay, Nunavut	75	0	0	9	30	0	36	0
Resolute Bay, Nunavut	86	0	0	21	12	2	35	16
Rimouski, Quebec	204	151	17	24	4	2	6	0
Roberval, Quebec	56	38	10	6	0	0	2	0
Salluit, Quebec	120	.	..	..	.	.	.	.
Sandspit, British Columbia	147	42	6	24	10	4	61	0
Sanikiluaq, Nunavut	54	0	0	34	14	0	6	0
Sherbrooke, Quebec	143	107	10	18	4	2	2	0
St. Anthony, Newfoundland and Labrador	291	6	6	74	60	145	0	0
St. Augustin, Quebec	121	31	4	18	68	0	0	0
St. Theresa Point, Manitoba	679	347	3	178	2	115	34	0
Stephenville, Newfoundland and Labrador	110	1	6	8	6	64	7	18
Stony Rapids, Saskatchewan	723	2	240	292	108	81	0	0
Sydney, Nova Scotia	515	16	82	44	12	297	28	36
Taloyoak, Nunavut	124	0	0	22	4	46	50	2
Tasiujaq, Quebec	106	.	..	..	.	.	.	.
Teslin, Yukon	6	4	0	0	0	0	2	0
The Pas, Manitoba	258	13	41	119	2	83	0	0
Tofino, British Columbia	227	116	39	42	10	0	6	14
Trois-Rivières, Quebec	552	495	34	4	6	0	5	8
Tuktoyaktuk, Northwest Territories	105	2	0	101	0	0	0	2
Tulita, Northwest Territories	169	20	74	63	0	0	12	0
Umiujaq, Quebec	117	.	..	..	.	.	.	.
Waskaganish, Quebec	209	0	12	23	30	142	2	0
Watson Lake, Yukon	70	27	6	20	13	2	0	2
Welland/Niagara Central, Ontario	27	21	6	0	0	0	0	0
Wemindji, Quebec	120	8	0	15	12	85	0	0
Whale Cove, Nunavut	134	0	0	10	50	56	5	13
Wrigley, Northwest Territories	26	16	10	0	0	0	0	0
Yorkton Municipal, Saskatchewan	201	87	50	48	16	0	0	0
Total (113)	28,975	5,131	4,508	7,489	3,266	3,850	2,439	614

Table 3
Local movements by type of operation

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	28	28	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	1,082	1,082	0
Buffalo Narrows, Saskatchewan	12	12	0
Collingwood, Ontario	70	70	0
Dauphin, Manitoba	6	6	0
Dawson, Yukon	36	36	0
Dawson Creek, British Columbia	70	70	0
Drummondville, Quebec	100	100	0
Dryden Regional, Ontario	233	233	0
Flin Flon, Manitoba	4	4	0
Geraldton, Ontario	10	10	0
Guelph, Ontario	970	970	0
Hay River, Northwest Territories	6	6	0
Lourdes-de-Blanc-Sablon, Quebec	20	20	0
Moosonee, Ontario	128	128	0
Muskoka, Ontario	178	178	0
Nakina, Ontario	2	2	0
Peterborough, Ontario	884	884	0
Pickle Lake, Ontario	14	14	0
Prince Rupert/Seal Cove, British Columbia	10	10	0
Puvirnituk, Quebec	9	.	.
Quesnel, British Columbia	10	10	0
Red Lake, Ontario	50	50	0
Rimouski, Quebec	60	60	0
Sherbrooke, Quebec	274	270	4
St. Anthony, Newfoundland and Labrador	16	16	0
St. Theresa Point, Manitoba	2	2	0
Stony Rapids, Saskatchewan	8	8	0
Sydney, Nova Scotia	34	10	24
The Pas, Manitoba	6	6	0
Tofino, British Columbia	14	4	10
Trois-Rivières, Quebec	951	951	0
Waskaganish, Quebec	34	34	0
Welland/Niagara Central, Ontario	1,156	1,156	0
Yorkton Municipal, Saskatchewan	100	100	0
Total (35)	6,587	6,540	38

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
Kangihsualujjuaq	Tasiujaq
Kangihsujuaq	Umiujaq

3. 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 January, 2009 but were not available in January, 2010:

1. Aklavik, Northwest Territories
2. Eastmain River, Quebec
3. Grise Fiord, Nunavut
4. Kugluktuk, Nunavut
5. Paulatuk, Northwest Territories
6. Ulukhakot/Holman, Northwest Territories

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

1. Burwash, Yukon
2. Clyde River, Nunavut
3. Collingwood, Ontario
4. Miramichi, New Brunswick
5. Pangnirtung, Nunavut
6. Port-Menier, Quebec
7. Teslin, Yukon
8. Tulita, Northwest Territories

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.