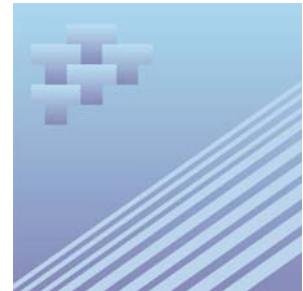


Catalogue no. 51-007-X

# Aircraft Movement Statistics: NAV CANADA Towers and Flight Service Stations (TP 141)



December 2011



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Statistics Canada  
Transportation Division

# Aircraft Movement Statistics: NAV CANADA Towers and Flight Service Stations (TP 141)

December 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
- 0s value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
- p preliminary
- r revised
- x suppressed to meet the confidentiality requirements of the *Statistics Act*
- E use with caution
- F too unreliable to be published
- \* significantly different from reference category ( $p < 0.05$ )

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# Table of contents

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<b>Highlights</b>	<b>5</b>
<b>Analysis</b>	<b>6</b>
<b>Related products</b>	<b>7</b>
<b>Statistical tables</b>	
1 Total aircraft movements by class of operation	11
1-1 NAV CANADA towers	11
1-2 NAV CANADA flight service stations	12
2 Total aircraft movements, civil and military	13
2-1 NAV CANADA towers	13
2-2 NAV CANADA flight service stations	14
3 Itinerant movements by type of operator	15
3-1 NAV CANADA towers	15
3-2 NAV CANADA flight service stations	16
4 Itinerant movements by I.F.R. (Instrument flight rules) and V.F.R. (Visual flight rules) and runway 88 movements	17
4-1 NAV CANADA towers	17
4-2 NAV CANADA flight service stations	18
5 Itinerant movements by type of power plant	19
5-1 NAV CANADA towers	19
5-2 NAV CANADA flight service stations	20
6 Itinerant movements by aircraft weight group	21
6-1 NAV CANADA towers	21
6-2 NAV CANADA flight service stations	22
7 Itinerant movements, domestic, transborder and international	23
7-1 NAV CANADA towers	23
7-2 NAV CANADA flight service stations	27

**Table of contents – continued**

8	Total aircraft movements, peak hour and peak day	32
8-1	NAV CANADA towers	32
8-2	NAV CANADA flight service stations	33
9	Itinerant aircraft movements, peak hour and peak day	34
9-1	NAV CANADA towers	34
9-2	NAV CANADA flight service stations	35
10	Local movements, peak hour and peak day	36
10-1	NAV CANADA towers	36
10-2	NAV CANADA flight service stations	37
11	Local movements - civil, peak hour and peak day	38
11-1	NAV CANADA towers	38
11-2	NAV CANADA flight service stations	39
12	Local movements - military, peak hour and peak day	40
12-1	NAV CANADA towers	40
12-2	NAV CANADA flight service stations	41

**Data quality, concepts and methodology**

Methodology	42
Data quality and limitations	44

**Appendix**

I	Factors influencing the data	45
II	Glossary of terms	46

## Highlights

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There were 364,649 aircraft take-offs and landings at the 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations in December 2011 compared with 343,916 movements in December 2010.

Itinerant movements (flights from one airport to another) increased 5.5% (+14,436 movements) in December 2011 from the same month the previous year. These airports reported 278,641 movements compared with 264,205 movements in December 2010.

In December 2011, there were 86,008 local movements (flights that remain in the vicinity of the airport) recorded. This represents an increase of 7.9% (+6,297 movements) compared with the previous year.

**Table 1**  
**Distribution of aircraft movements at NAV CANADA Towers and Flight Service Stations**

	NAV CANADA towers number	Percentage change, December 2010 to December 2011 percent	NAV CANADA Flight Service Stations number	Percentage change, December 2010 to December 2011 percent	Total number	Percentage change, December 2010 to December 2011 percent
<b>Grand total</b>	<b>296,653</b>	<b>7.5</b>	<b>67,996</b>	<b>0.0</b>	<b>364,649</b>	<b>6.0</b>
<b>Itinerant movements</b>						
Air carriers	190,267	3.9	43,778	2.2	234,045	3.5
Other commercial movements	13,389	25.2	1,547	8.7	14,936	23.2
Private movements	17,382	16.1	5,874	21.7	23,256	17.5
Government civil movements	3,481	0.5	1,171	-2.6	4,652	-0.3
Government military movements	1,408	15.2	344	-7.8	1,752	9.8
Itinerant total	225,927	5.8	52,714	4.0	278,641	5.5
<b>Local movements</b>						
Civil local movements	70,518	13.3	15,140	-12.0	85,658	7.9
Military local movements	208	7.2	142	51.1	350	21.5
Local total	70,726	13.3	15,282	-11.7	86,008	7.9

## Analysis

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There were 364,649 aircraft take-offs and landings at the 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations in December 2011 compared with 343,916 movements in December 2010. Year-over-year increases were reported by 62 airports. Toronto/Lester B. Pearson International, Ontario (34,526 movements) followed by Vancouver International, British Columbia (23,071 movements) were the most active sites in December 2011.

Itinerant movements (flights from one airport to another) increased 5.5% (+14,436 movements) in December 2011 from the same month the previous year. These airports reported 278,641 movements compared with 264,205 movements in December 2010. Year-over-year variations ranged from an increase of 1,715 movements (+41.0%) at Toronto/Billy Bishop Toronto City, Ontario to a drop of 799 movements (-22.4%) at Moncton/Greater Moncton International, New Brunswick. Sixty-one airports reported year-over-year increases in the number of itinerant aircraft movements in December 2011.

In December 2011, there were 86,008 local movements (flights that remain in the vicinity of the airport) recorded. This represents an increase of 7.9% (+6,297 movements) compared with the previous year. Calgary/Springbank, Alberta (5,166 movements) followed by Boundary Bay, British Columbia (4,780 movements) recorded the largest number of local movements.

### **Itinerant movements: domestic, transborder and international**

There were 227,158 domestic itinerant movements reported by 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations in December 2011, up 6.5% (+13,842 movements) from December 2010. Vancouver International, British Columbia (16,991 movements) followed by Calgary International, Alberta (15,106 movements) reported the greatest number of domestic itinerant movements. Fifty-nine airports reported year-over-year increases in the number of domestic movements in December 2011.

Seventy-four airports recorded 39,732 transborder itinerant movements (between Canada and the United States) in December 2011, no change from December 2010. Toronto/Lester B. Pearson International, Ontario (14,636 movements) reported the greatest number of transborder itinerant movements.

In December 2011, forty airports reported 11,751 other international itinerant movements, up 4.6% from December 2010. Toronto/Lester B. Pearson International, Ontario, recorded 5,234 other international itinerant movements. This represents 44.5% of the total other international itinerant movements reported.

## Related products

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### Selected publications from Statistics Canada

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51-008-X	Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (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)

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### Selected CANSIM tables from Statistics Canada

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401-0007	Aircraft movements, by class of operation and peak hour and peak day of movements, airports with NAV CANADA towers, monthly
401-0008	Aircraft movements, by civil and military movements, airports with NAV CANADA towers, monthly
401-0009	Itinerant movements, by type of operation, airports with NAV CANADA towers, monthly
401-0010	Itinerant movements, by instrument flight rules, visual flight rules and runway 88, airports with NAV CANADA towers, monthly
401-0011	Itinerant movements, by type of power plant, airports with NAV CANADA towers, monthly
401-0012	Itinerant movements, by aircraft maximum 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 maximum 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
- 401-0022 Monthly itinerant movements, by weight group and type of power plant, airports without air traffic control towers
- 401-0023 Aircraft movements, by class of operation, airports with NAV CANADA towers, annual
- 401-0024 Aircraft movements, by civil and military movements, airports with NAV CANADA towers, annual
- 401-0025 Itinerant movements, by type of operation, airports with NAV CANADA towers, annual
- 401-0026 Itinerant movements, by instrument flight rules, visual flight rules and runway 88, airports with NAV CANADA towers, annual
- 401-0027 Itinerant movements, by type of power plant, airports with NAV CANADA towers, annual
- 401-0028 Itinerant movements, by aircraft maximum take-off weight, airports with NAV CANADA towers, annual
- 401-0029 Domestic and international itinerant movements, by type of operation, airports with NAV CANADA towers, annual
- 401-0030 Aircraft movements, by class of operation, airports with NAV CANADA flight service stations, annual
- 401-0031 Aircraft movements, by civil and military movements, airports with NAV CANADA flight service stations, annual
- 401-0032 Itinerant movements, by type of operation, airports with NAV CANADA flight service stations, annual
- 401-0033 Itinerant movements, by instrument flight rules, visual flight rules and runway 88, airports with NAV CANADA flight service stations, annual
- 401-0034 Itinerant movements, by type of power plant, airports with NAV CANADA flight service stations, annual

401-0035	Itinerant movements, by aircraft maximum 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**

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2715            Aircraft Movement Statistics

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## **Selected summary tables from Statistics Canada**

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

## **Statistical tables**

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**Table 1-1**  
**Total aircraft movements by class of operation — NAV CANADA towers**

	Total		Itinerant		Local	
	Rank of movements	Number of movements	Rank of movements	Number of movements	Rank of movements	Number of movements
Abbotsford	20	5,772	30	2,190	6	3,582
Boundary Bay	12	7,840	22	3,060	2	4,780
Calgary International	3	19,223	3	19,137	40	86
Calgary/Springbank	9	8,308	18	3,142	1	5,166
Chicoutimi/St-Honoré	42	1,333	41	505	26	828
Edmonton City Centre	27	4,050	15	3,600	31	450
Edmonton International	6	11,263	5	10,965	35	298
Edmonton/Villeneuve	33	3,152	40	568	11	2,584
Fort McMurray	32	3,258	24	2,890	33	368
Fredericton International	17	6,551	27	2,687	4	3,864
Gander International	38	1,846	37	1,368	30	478
Halifax/Robert L. Stanfield International	14	7,100	8	6,842	36	258
Hamilton	36	2,574	32	2,050	29	524
Kelowna	24	4,177	16	3,281	24	896
Kitchener/Waterloo	21	5,554	28	2,442	10	3,112
Langley	26	4,149	34	1,685	12	2,464
London	23	4,980	26	2,702	15	2,278
Moncton/Greater Moncton International	28	4,015	25	2,769	20	1,246
Montréal/Pierre Elliott Trudeau International	4	18,514	4	18,422	39	92
Montréal/St-Hubert	15	6,952	14	3,822	9	3,130
Oshawa	31	3,394	33	1,790	19	1,604
Ottawa/Macdonald-Cartier International	5	12,704	6	10,332	14	2,372
Pitt Meadows	22	5,534	31	2,098	8	3,436
Prince George	35	2,676	35	1,564	21	1,112
Québec/Jean Lesage International	10	8,266	10	6,096	16	2,170
Regina International	29	3,965	20	3,073	25	892
Saskatoon/John G. Diefenbaker International	16	6,794	12	4,900	18	1,894
Sault Ste. Marie	37	2,236	36	1,428	27	808
St. John's International	30	3,438	17	3,238	37	200
St-Jean	40	1,435	42	359	22	1,076
Thunder Bay	18	6,500	13	4,082	13	2,418
Toronto/Billy Bishop Toronto City	11	7,851	11	5,903	17	1,948
Toronto/Buttonville Municipal	13	7,368	21	3,062	3	4,306
Toronto/Lester B. Pearson International	1	34,526	1	34,404	38	122
Vancouver Harbour	34	3,027	23	3,027	0	0
Vancouver International	2	23,071	2	23,039	41	32
Victoria International	8	9,985	9	6,137	5	3,848
Whitehorse International	41	1,348	39	994	34	354
Windsor	39	1,585	38	1,201	32	384
Winnipeg/James Armstrong Richardson International	7	10,255	7	9,613	28	642
Winnipeg/St. Andrews	19	5,925	29	2,371	7	3,554
Yellowknife	25	4,159	19	3,089	23	1,070
<b>Total of NAV CANADA towers (42)</b>	.	<b>296,653</b>	.	<b>225,927</b>	.	<b>70,726</b>

**Table 1-2**  
**Total aircraft movements by class of operation — NAV CANADA flight service stations**

	Total		Itinerant		Local	
	Rank of movements	Number of movements	Rank of movements	Number of movements	Rank of movements	Number of movements
Brandon Municipal	33	998	40	560	15	438
Campbell River	22	1,384	23	1,010	16	374
Castlegar	47	471	51	335	21	136
Charlottetown	35	817	34	759	29	58
Churchill	40	680	37	680	0	0
Cranbrook	36	801	31	765	33	36
Deer Lake	28	1,140	18	1,124	38	16
Fort Nelson	24	1,293	16	1,227	27	66
Fort St. John	16	1,579	14	1,281	18	298
Grande Prairie	2	2,901	3	2,009	5	892
High Level	43	563	42	547	39	16
Îles-de-la-Madeleine	50	389	49	374	41	15
Inuvik/Mike Zubko	42	600	39	600	0	0
Iqaluit	25	1,264	15	1,242	36	22
Kamloops	13	1,936	10	1,472	14	464
Kenora	41	612	43	528	25	84
Kingston	15	1,719	17	1,215	12	504
Kuujuaq	37	767	33	761	44	6
La Grande Rivière	38	763	32	763	0	0
La Ronge	26	1,218	19	1,119	24	99
Lethbridge	19	1,428	25	922	11	506
Lloydminster	20	1,427	36	707	7	720
Medicine Hat	29	1,094	30	812	20	282
Mont-Joli	44	558	41	558	0	0
Montréal/Mirabel International	4	2,542	8	1,780	6	762
Nanaimo	11	1,967	9	1,503	13	464
Norman Wells	17	1,491	29	833	8	658
North Bay	5	2,514	20	1,052	3	1,462
Ottawa/Gatineau	9	2,060	27	894	4	1,166
Peace River	46	494	45	478	40	16
Penticton	27	1,187	38	659	10	528
Port Hardy	48	446	48	414	35	32
Prince Albert	18	1,438	11	1,428	42	10
Prince Rupert	51	346	50	340	45	6
Rankin Inlet	39	758	35	756	46	2
Red Deer Regional	1	3,144	13	1,368	1	1,776
Rouyn-Noranda	30	1,067	21	1,021	30	46
Saint John	23	1,310	22	1,016	19	294
Sept-Îles	10	1,972	6	1,866	23	106
Sioux Lookout	8	2,277	2	2,241	32	36
Smithers	49	429	47	429	0	0
St. Catharines	6	2,482	28	886	2	1,596
Sudbury	7	2,315	4	2,003	17	312
Terrace	31	1,046	26	912	22	134
Thompson	3	2,563	1	2,485	26	78
Timmins	12	1,937	5	1,903	34	34
Val-d'Or	34	991	24	929	28	62
Victoria Harbour	14	1,844	7	1,828	37	16
Wabush	21	1,388	12	1,382	43	6
Whitecourt	32	1,045	46	441	9	604
Williams Lake	45	541	44	497	31	44
<b>Total of all flight service stations (51)</b>	.	<b>67,996</b>	.	<b>52,714</b>	.	<b>15,282</b>

**Table 2-1**  
**Total aircraft movements, civil and military — NAV CANADA towers**

	Civil movements			Military movements		
	Total	Itinerant		Local	Total	Itinerant
		Commercial	Private and government			
number						
Abbotsford	5,759	1,610	567	3,582	13	13
Boundary Bay	7,836	2,253	803	4,780	4	4
Calgary International	19,197	17,891	1,220	86	26	26
Calgary/Springbank	8,305	2,241	898	5,166	3	3
Chicoutimi/St-Honoré	1,331	436	67	828	2	2
Edmonton City Centre	4,030	2,591	989	450	20	20
Edmonton International	11,215	10,262	665	288	48	38
Edmonton/Villeneuve	3,152	346	222	2,584	0	0
Fort McMurray	3,258	2,474	416	368	0	0
Fredericton International	6,535	2,560	111	3,864	16	16
Gander International	1,667	1,040	149	478	179	179
Halifax/Robert L. Stanfield International	6,938	6,397	289	252	162	156
Hamilton	2,567	1,764	279	524	7	7
Kelowna	4,169	3,015	258	896	8	8
Kitchener/Waterloo	5,544	1,898	542	3,104	10	2
Langley	4,149	983	702	2,464	0	0
London	4,972	2,287	413	2,272	8	2
Moncton/Greater Moncton International	4,007	2,534	229	1,244	8	6
Montréal/Pierre Elliott Trudeau International	18,499	17,318	1,089	92	15	15
Montréal/St-Hubert	6,923	3,063	730	3,130	29	29
Oshawa	3,389	1,176	609	1,604	5	5
Ottawa/Macdonald-Cartier International	12,581	9,669	540	2,372	123	123
Pitt Meadows	5,534	1,132	966	3,436	0	0
Prince George	2,664	1,373	179	1,112	12	12
Québec/Jean Lesage International	8,225	5,394	667	2,164	41	35
Regina International	3,860	2,668	392	800	105	13
Saskatoon/John G. Diefenbaker International	6,664	4,256	578	1,830	130	66
Sault Ste. Marie	2,228	1,363	57	808	8	8
St. John's International	3,321	2,836	285	200	117	117
St-Jean	1,395	141	178	1,076	40	40
Thunder Bay	6,476	3,820	244	2,412	24	18
Toronto/Billy Bishop Toronto City	7,839	5,581	310	1,948	12	12
Toronto/Buttonville Municipal	7,366	1,796	1,264	4,306	2	2
Toronto/Lester B. Pearson International	34,512	33,436	954	122	14	14
Vancouver Harbour	3,023	2,990	33	0	4	4
Vancouver International	23,048	22,261	755	32	23	23
Victoria International	9,850	5,031	979	3,840	135	127
Whitehorse International	1,344	843	147	354	4	4
Windsor	1,583	984	215	384	2	2
Winnipeg/James Armstrong Richardson International	10,052	8,856	554	642	203	203
Winnipeg/St. Andrews	5,925	2,128	243	3,554	0	0
Yellowknife	4,105	2,959	76	1,070	54	54
<b>Total of NAV CANADA towers (42)</b>	<b>295,037</b>	<b>203,656</b>	<b>20,863</b>	<b>70,518</b>	<b>1,616</b>	<b>1,408</b>
						<b>208</b>

**Table 2-2**  
**Total aircraft movements, civil and military — NAV CANADA flight service stations**

	Civil movements			Military movements		
	Total	Itinerant	Local	Total	Itinerant	Local
	Commercial	Private and government				
number						
Brandon Municipal	837	292	153	392	161	115
Campbell River	1,369	772	223	374	15	15
Castlegar	467	302	29	136	4	4
Charlottetown	802	651	103	48	15	5
Churchill	680	670	10	0	0	0
Cranbrook	797	673	88	36	4	4
Deer Lake	1,134	1,077	41	16	6	6
Fort Nelson	1,293	1,180	47	66	0	0
Fort St. John	1,577	1,094	185	298	2	2
Grande Prairie	2,901	1,721	288	892	0	0
High Level	563	521	26	16	0	0
Îles-de-la-Madeleine	387	341	31	15	2	2
Inuvik/Mike Zubko	598	569	29	0	2	2
Iqaluit	1,250	1,134	94	22	14	14
Kamloops	1,909	1,190	275	444	27	7
Kenora	564	495	19	50	48	14
Kingston	1,704	896	304	504	15	15
Kuujjuaq	765	716	43	6	2	2
La Grande Rivière	763	734	29	0	0	0
La Ronge	1,218	1,046	73	99	0	0
Lethbridge	1,404	639	273	492	24	10
Lloydminster	1,425	469	236	720	2	2
Medicine Hat	1,088	664	142	282	6	6
Mont-Joli	558	522	36	0	0	0
Montréal/Mirabel International	2,506	1,315	437	754	36	28
Nanaimo	1,963	907	592	464	4	4
Norman Wells	1,489	830	1	658	2	2
North Bay	2,498	882	154	1,462	16	16
Ottawa/Gatineau	2,043	441	436	1,166	17	17
Peace River	494	446	32	16	0	0
Penticton	1,185	497	160	528	2	2
Port Hardy	434	357	45	32	12	12
Prince Albert	1,436	1,293	133	10	2	2
Prince Rupert	344	312	26	6	2	0
Rankin Inlet	758	752	4	2	0	0
Red Deer Regional	3,144	895	473	1,776	0	0
Rouyn-Noranda	1,067	895	126	46	0	0
Saint John	1,303	803	208	292	7	5
Sept-Îles	1,966	1,750	110	106	6	6
Sioux Lookout	2,273	2,183	54	36	4	4
Smithers	429	400	29	0	0	0
St. Catharines	2,482	548	338	1,596	0	0
Sudbury	2,313	1,803	198	312	2	2
Terrace	1,046	866	46	134	0	0
Thompson	2,563	2,395	90	78	0	0
Timmins	1,937	1,809	94	34	0	0
Val-d'Or	985	800	123	62	6	6
Victoria Harbour	1,841	1,699	126	16	3	3
Wabush	1,388	1,302	80	6	0	0
Whitecourt	1,041	368	69	604	4	4
Williams Lake	529	409	84	36	12	4
<b>Total of all flight service stations (51)</b>	<b>67,510</b>	<b>45,325</b>	<b>7,045</b>	<b>15,140</b>	<b>486</b>	<b>344</b>
						<b>142</b>

**Table 3-1**  
**Itinerant movements by type of operator — NAV CANADA towers**

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI			Civil	Military
number							
Abbotsford	2,190	474	1,095	41	502	65	13
Boundary Bay	3,060	12	694	1,547	789	14	4
Calgary International	19,137	16,746	753	392	1,099	121	26
Calgary/Springbank	3,142	5	572	1,664	888	10	3
Chicoutimi/St-Honoré	505	276	24	136	67	0	2
Edmonton City Centre	3,600	1,119	508	964	487	502	20
Edmonton International	10,965	10,059	185	18	661	4	38
Edmonton/Villeneuve	568	4	47	295	216	6	0
Fort McMurray	2,890	1,548	843	83	390	26	0
Fredericton International	2,687	574	1,980	6	68	43	16
Gander International	1,368	985	41	14	119	30	179
Halifax/Robert L. Stanfield International	6,842	6,101	287	9	241	48	156
Hamilton	2,050	1,596	162	6	196	83	7
Kelowna	3,281	2,594	291	130	229	29	8
Kitchener/Waterloo	2,442	360	1,501	37	540	2	2
Langley	1,685	8	66	909	696	6	0
London	2,702	1,069	396	822	372	41	2
Moncton/Greater Moncton International	2,769	1,710	818	6	100	129	6
Montréal/Pierre Elliott Trudeau International	18,422	16,445	826	47	941	148	15
Montréal/St-Hubert	3,822	1,785	542	736	682	48	29
Oshawa	1,790	35	56	1,085	512	97	5
Ottawa/Macdonald-Cartier International	10,332	7,858	237	1,574	306	234	123
Pitt Meadows	2,098	7	894	231	927	39	0
Prince George	1,564	1,126	239	8	143	36	12
Québec/Jean Lesage International	6,096	3,972	1,252	170	453	214	35
Regina International	3,073	2,173	462	33	276	116	13
Saskatoon/John G. Diefenbaker International	4,900	3,279	671	306	286	292	66
Sault Ste. Marie	1,428	1,070	10	283	45	12	8
St. John's International	3,238	2,554	274	8	112	173	117
St-Jean	359	0	80	61	175	3	40
Thunder Bay	4,082	3,206	140	474	148	96	18
Toronto/Billy Bishop Toronto City	5,903	4,485	469	627	299	11	12
Toronto/Buttonville Municipal	3,062	197	1,558	41	1,228	36	2
Toronto/Lester B. Pearson International	34,404	32,940	477	19	938	16	14
Vancouver Harbour	3,027	2,778	212	0	33	0	4
Vancouver International	23,039	20,993	1,203	65	500	255	23
Victoria International	6,137	3,033	1,835	163	954	25	127
Whitehorse International	994	599	243	1	105	42	4
Windsor	1,201	587	389	8	203	12	2
Winnipeg/James Armstrong Richardson International	9,613	8,585	231	40	194	360	203
Winnipeg/St. Andrews	2,371	592	1,213	323	243	0	0
Yellowknife	3,089	2,628	324	7	19	57	54
<b>Total of NAV CANADA towers (42)</b>	<b>225,927</b>	<b>166,167</b>	<b>24,100</b>	<b>13,389</b>	<b>17,382</b>	<b>3,481</b>	<b>1,408</b>

**Table 3-2**  
**Itinerant movements by type of operator — NAV CANADA flight service stations**

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI		Civil	Military	
number							
Brandon Municipal	560	98	178	16	121	32	115
Campbell River	1,010	577	118	77	205	18	15
Castlegar	335	223	39	40	29	0	4
Charlottetown	759	586	62	3	62	41	5
Churchill	680	646	17	7	6	4	0
Cranbrook	765	640	33	0	84	4	4
Deer Lake	1,124	1,046	31	0	5	36	6
Fort Nelson	1,227	467	713	0	47	0	0
Fort St. John	1,281	790	298	6	171	14	2
Grande Prairie	2,009	1,061	596	64	277	11	0
High Level	547	294	223	4	20	6	0
Îles-de-la-Madeleine	374	309	29	3	3	28	2
Inuvik/Mike Zubko	600	539	30	0	7	22	2
Iqaluit	1,242	1,046	62	26	56	38	14
Kamloops	1,472	914	264	12	226	49	7
Kenora	528	394	97	4	13	6	14
Kingston	1,215	458	258	180	276	28	15
Kuujuaq	761	675	39	2	14	29	2
La Grande Rivière	763	618	106	10	13	16	0
La Ronge	1,119	1,041	4	1	13	60	0
Lethbridge	922	396	27	216	263	10	10
Lloydminster	707	240	207	22	218	18	2
Medicine Hat	812	505	132	27	133	9	6
Mont-Joli	558	386	123	13	14	22	0
Montréal/Mirabel International	1,780	925	313	77	427	10	28
Nanaimo	1,503	375	457	75	566	26	4
Norman Wells	833	532	298	0	1	0	2
North Bay	1,052	538	245	99	138	16	16
Ottawa/Gatineau	894	67	249	125	408	28	17
Peace River	478	394	46	6	26	6	0
Penticton	659	294	190	13	143	17	2
Port Hardy	414	343	14	0	23	22	12
Prince Albert	1,428	1,251	40	2	56	77	2
Prince Rupert	340	307	5	0	6	20	2
Rankin Inlet	756	743	5	4	2	2	0
Red Deer Regional	1,368	210	549	136	451	22	0
Rouyn-Noranda	1,021	722	161	12	100	26	0
Saint John	1,016	677	68	58	208	0	5
Sept-Îles	1,866	1,233	505	12	56	54	6
Sioux Lookout	2,241	1,904	193	86	40	14	4
Smithers	429	334	64	2	15	14	0
St. Catharines	886	2	532	14	332	6	0
Sudbury	2,003	1,571	223	9	162	36	2
Terrace	912	560	306	0	34	12	0
Thompson	2,485	2,152	239	4	11	79	0
Timmins	1,903	1,699	110	0	80	14	0
Val-d'Or	929	737	59	4	98	25	6
Victoria Harbour	1,828	1,695	4	0	13	113	3
Wabush	1,382	1,020	279	3	63	17	0
Whitecourt	441	19	280	69	61	8	4
Williams Lake	497	379	26	4	78	6	4
<b>Total of all flight service stations (51)</b>	<b>52,714</b>	<b>34,632</b>	<b>9,146</b>	<b>1,547</b>	<b>5,874</b>	<b>1,171</b>	<b>344</b>

**Table 4-1**
**Itinerant movements by I.F.R. (Instrument flight rules) and V.F.R. (Visual flight rules) and runway 88 movements  
— NAV CANADA towers**

	Itinerant movements					Runway 88
	Total of IFR and VFR flights <sup>1</sup>	Instrument Flight Rules	Percentage Instrument Flight Rules	Visual Flight Rules	Percentage Visual Flight Rules	
	number	percent	number	percent	number	
Abbotsford	2,190	648	29.5	1,542	70.4	1,105
Boundary Bay	3,060	198	6.4	2,862	93.5	487
Calgary International	19,137	18,296	95.6	841	4.3	392
Calgary/Springbank	3,142	223	7.0	2,919	92.9	74
Chicoutimi/St-Honoré	505	116	22.9	389	77.0	49
Edmonton City Centre	3,600	1,733	48.1	1,867	51.8	1,208
Edmonton International	10,965	10,645	97.0	320	2.9	588
Edmonton/Villeneuve	568	36	6.3	532	93.6	80
Fort McMurray	2,890	1,887	65.2	1,003	34.7	91
Fredericton International	2,687	802	29.8	1,885	70.1	111
Gander International	1,368	1,050	76.7	318	23.2	59
Halifax/Robert L. Stanfield International	6,842	6,609	96.5	233	3.4	196
Hamilton	2,050	1,809	88.2	241	11.7	626
Kelowna	3,281	2,572	78.3	709	21.6	307
Kitchener/Waterloo	2,442	537	21.9	1,905	78.0	321
Langley	1,685	23	1.3	1,662	98.6	406
London	2,702	1,236	45.7	1,466	54.2	276
Moncton/Greater Moncton International	2,769	1,907	68.8	862	31.1	73
Montréal/Pierre Elliott Trudeau International	18,422	18,048	97.9	374	2.0	633
Montréal/St-Hubert	3,822	1,452	37.9	2,370	62.0	419
Oshawa	1,790	91	5.0	1,699	94.9	451
Ottawa/Macdonald-Cartier International	10,332	8,506	82.3	1,826	17.6	342
Pitt Meadows	2,098	24	1.1	2,074	98.8	1,181
Prince George	1,564	1,227	78.4	337	21.5	238
Québec/Jean Lesage International	6,096	4,827	79.1	1,269	20.8	371
Regina International	3,073	2,447	79.6	626	20.3	72
Saskatoon/John G. Diefenbaker International	4,900	3,798	77.5	1,102	22.4	127
Sault Ste. Marie	1,428	1,115	78.0	313	21.9	34
St. John's International	3,238	2,923	90.2	315	9.7	122
St-Jean	359	0	0.0	359	100.0	216
Thunder Bay	4,082	3,340	81.8	742	18.1	88
Toronto/Billy Bishop Toronto City	5,903	4,732	80.1	1,171	19.8	1,048
Toronto/Buttonville Municipal	3,062	559	18.2	2,503	81.7	760
Toronto/Lester B. Pearson International	34,404	34,329	99.7	75	0.2	130
Vancouver Harbour	3,027	123	4.0	2,904	95.9	1,159
Vancouver International	23,039	20,261	87.9	2,778	12.0	6,046
Victoria International	6,137	3,482	56.7	2,655	43.2	2,142
Whitehorse International	994	494	49.6	500	50.3	81
Windsor	1,201	743	61.8	458	38.1	52
Winnipeg/James Armstrong Richardson International	9,613	8,975	93.3	638	6.6	225
Winnipeg/St. Andrews	2,371	100	4.2	2,271	95.7	51
Yellowknife	3,089	2,076	67.2	1,013	32.7	163
<b>Total of NAV CANADA towers (42)</b>	<b>225,927</b>	<b>173,999</b>	<b>77.0</b>	<b>51,928</b>	<b>23.0</b>	<b>22,600</b>

1. Total excludes runway 88 flights.

**Table 4-2****Itinerant movements by I.F.R. (Instrument flight rules) and V.F.R. (Visual flight rules) and runway 88 movements — NAV CANADA flight service stations**

	Itinerant movements					Runway 88
	Total of IFR and VFR flights <sup>1</sup>	Instrument Flight Rules	Percentage Instrument Flight Rules	Visual Flight Rules	Percentage Visual Flight Rules	
	number	percent	number	percent	number	
Brandon Municipal	560	188	33.5	372	66.4	24
Campbell River	1,010	556	55.0	454	44.9	196
Castlegar	335	228	68.0	107	31.9	76
Charlottetown	759	674	88.8	85	11.1	26
Churchill	680	661	97.2	19	2.7	4
Cranbrook	765	668	87.3	97	12.6	69
Deer Lake	1,124	1,097	97.5	27	2.4	10
Fort Nelson	1,227	480	39.1	747	60.8	34
Fort St. John	1,281	829	64.7	452	35.2	67
Grande Prairie	2,009	1,239	61.6	770	38.3	89
High Level	547	243	44.4	304	55.5	56
Îles-de-la-Madeleine	374	357	95.4	17	4.5	13
Inuvik/Mike Zubko	600	283	47.1	317	52.8	14
Iqaluit	1,242	1,096	88.2	146	11.7	0
Kamloops	1,472	1,072	72.8	400	27.1	265
Kenora	528	348	65.9	180	34.0	87
Kingston	1,215	562	46.2	653	53.7	112
Kuujuaq	761	396	52.0	365	47.9	6
La Grande Rivière	763	631	82.6	132	17.3	72
La Ronge	1,119	697	62.2	422	37.7	166
Lethbridge	922	489	53.0	433	46.9	17
Lloydminster	707	240	33.9	467	66.0	4
Medicine Hat	812	419	51.6	393	48.3	67
Mont-Joli	558	535	95.8	23	4.1	3
Montréal/Mirabel International	1,780	1,150	64.6	630	35.3	579
Nanaimo	1,503	586	38.9	917	61.0	412
Norman Wells	833	181	21.7	652	78.2	438
North Bay	1,052	614	58.3	438	41.6	284
Ottawa/Gatineau	894	138	15.4	756	84.5	122
Peace River	478	389	81.3	89	18.6	20
Penticton	659	280	42.4	379	57.5	48
Port Hardy	414	202	48.7	212	51.2	180
Prince Albert	1,428	1,310	91.7	118	8.2	37
Prince Rupert	340	250	73.5	90	26.4	15
Rankin Inlet	756	751	99.3	5	0.6	4
Red Deer Regional	1,368	275	20.1	1,093	79.8	197
Rouyn-Noranda	1,021	929	90.9	92	9.0	9
Saint John	1,016	863	84.9	153	15.0	14
Sept-Îles	1,866	1,575	84.4	291	15.5	189
Sioux Lookout	2,241	1,822	81.3	419	18.6	130
Smithers	429	337	78.5	92	21.4	193
St. Catharines	886	48	5.4	838	94.5	169
Sudbury	2,003	1,679	83.8	324	16.1	36
Terrace	912	595	65.2	317	34.7	111
Thompson	2,485	1,874	75.4	611	24.5	2
Timmins	1,903	1,784	93.7	119	6.2	41
Val-d'Or	929	798	85.8	131	14.1	114
Victoria Harbour	1,828	174	9.5	1,654	90.4	382
Wabush	1,382	1,215	87.9	167	12.0	25
Whitecourt	441	46	10.4	395	89.5	62
Williams Lake	497	400	80.4	97	19.5	47
<b>Total of all flight service stations (51)</b>	<b>52,714</b>	<b>34,253</b>	<b>65.0</b>	<b>18,461</b>	<b>35.0</b>	<b>5,337</b>

1. Total excludes runway 88 flights.

**Table 5-1**  
**Itinerant movements by type of power plant — NAV CANADA towers**

	Total	Jet	Turboprop	Piston	Helicopters	Gliders
number						
Abbotsford	2,190	477	103	1,167	443	0
Boundary Bay	3,060	9	27	2,864	160	0
Calgary International	19,137	12,959	5,176	272	730	0
Calgary/Springbank	3,142	41	46	2,376	679	0
Chicoutimi/St-Honoré	505	4	97	299	105	0
Edmonton City Centre	3,600	328	1,407	1,161	704	0
Edmonton International	10,965	6,775	3,895	278	17	0
Edmonton/Villeneuve	568	10	21	467	70	0
Fort McMurray	2,890	1,037	1,202	363	288	0
Fredericton International	2,687	41	759	1,845	42	0
Gander International	1,368	439	524	330	75	0
Halifax/Robert L. Stanfield International	6,842	3,639	2,827	122	254	0
Hamilton	2,050	1,164	694	107	85	0
Kelowna	3,281	1,155	1,449	458	219	0
Kitchener/Waterloo	2,442	145	321	1,899	77	0
Langley	1,685	1	3	1,415	266	0
London	2,702	356	892	1,368	86	0
Moncton/Greater Moncton International	2,769	979	897	855	38	0
Montréal/Pierre Elliott Trudeau International	18,422	12,109	5,877	253	183	0
Montréal/St-Hubert	3,822	193	909	2,609	111	0
Oshawa	1,790	18	29	1,625	118	0
Ottawa/Macdonald-Cartier International	10,332	5,737	2,765	1,666	164	0
Pitt Meadows	2,098	0	15	1,828	255	0
Prince George	1,564	460	770	151	183	0
Québec/Jean Lesage International	6,096	1,221	3,459	974	442	0
Regina International	3,073	1,755	603	701	14	0
Saskatoon/John G. Diefenbaker International	4,900	1,932	1,833	1,111	24	0
Sault Ste. Marie	1,428	33	1,081	312	2	0
St. John's International	3,238	1,266	1,616	58	298	0
St-Jean	359	0	0	339	20	0
Thunder Bay	4,082	455	2,925	564	138	0
Toronto/Billy Bishop Toronto City	5,903	10	4,648	1,058	187	0
Toronto/Buttonville Municipal	3,062	60	307	2,505	190	0
Toronto/Lester B. Pearson International	34,404	28,151	6,187	57	9	0
Vancouver Harbour	3,027	0	1,672	812	543	0
Vancouver International	23,039	11,825	8,729	1,858	627	0
Victoria International	6,137	1,117	2,161	2,537	322	0
Whitehorse International	994	283	340	206	165	0
Windsor	1,201	103	661	419	18	0
Winnipeg/James Armstrong Richardson International	9,613	4,995	4,071	360	187	0
Winnipeg/St. Andrews	2,371	0	628	1,599	144	0
Yellowknife	3,089	591	1,907	283	308	0
<b>Total of NAV CANADA towers (42)</b>	<b>225,927</b>	<b>101,873</b>	<b>73,533</b>	<b>41,531</b>	<b>8,990</b>	<b>0</b>

**Table 5-2**  
**Itinerant movements by type of power plant — NAV CANADA flight service stations**

	Total	Jet	Turboprop	Piston	Helicopters	Gliders
number						
Brandon Municipal	560	22	222	291	25	0
Campbell River	1,010	17	610	247	136	0
Castlegar	335	2	235	60	38	0
Charlottetown	759	294	358	79	28	0
Churchill	680	14	647	2	17	0
Cranbrook	765	26	586	122	31	0
Deer Lake	1,124	181	913	9	21	0
Fort Nelson	1,227	106	389	82	650	0
Fort St. John	1,281	272	588	156	265	0
Grande Prairie	2,009	259	846	530	374	0
High Level	547	10	336	144	57	0
Îles-de-la-Madeleine	374	5	340	29	0	0
Inuvik/Mike Zubko	600	94	431	48	27	0
Iqaluit	1,242	318	878	6	40	0
Kamloops	1,472	112	903	269	188	0
Kenora	528	8	365	58	97	0
Kingston	1,215	40	508	603	64	0
Kuujuaq	761	163	563	11	24	0
La Grande Rivière	763	78	682	3	0	0
La Ronge	1,119	0	938	141	40	0
Lethbridge	922	39	428	446	9	0
Lloydminster	707	2	271	412	22	0
Medicine Hat	812	16	538	249	9	0
Mont-Joli	558	16	510	17	15	0
Montréal/Mirabel International	1,780	670	401	418	291	0
Nanaimo	1,503	10	381	1,044	68	0
Norman Wells	833	160	254	125	294	0
North Bay	1,052	44	571	125	312	0
Ottawa/Gatineau	894	2	97	656	139	0
Peace River	478	8	382	52	36	0
Penticton	659	17	299	140	203	0
Port Hardy	414	2	316	61	35	0
Prince Albert	1,428	4	1,289	120	15	0
Prince Rupert	340	31	224	1	84	0
Rankin Inlet	756	187	562	2	5	0
Red Deer Regional	1,368	49	259	811	249	0
Rouyn-Noranda	1,021	99	882	36	4	0
Saint John	1,016	277	563	148	27	1
Sept-Îles	1,866	50	1,446	184	186	0
Sioux Lookout	2,241	2	1,843	383	13	0
Smithers	429	8	342	20	59	0
St. Catharines	886	10	14	730	132	0
Sudbury	2,003	37	1,588	188	190	0
Terrace	912	10	594	2	306	0
Thompson	2,485	19	2,129	215	122	0
Timmins	1,903	6	1,810	74	13	0
Val-d'Or	929	93	713	69	54	0
Victoria Harbour	1,828	0	1,165	55	608	0
Wabush	1,382	20	1,136	73	153	0
Whitecourt	441	14	30	64	333	0
Williams Lake	497	14	385	82	16	0
<b>Total of all flight service stations (51)</b>	<b>52,714</b>	<b>3,937</b>	<b>32,760</b>	<b>9,892</b>	<b>6,124</b>	<b>1</b>

**Table 6-1**  
**Itinerant movements by aircraft weight group — NAV CANADA towers**

	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 to 70,000	70,001 to 90,000	90,001 to 136,000	136,001 and over
	number									
Abbotsford	1,342	232	108	23	19	15	438	13	0	0
Boundary Bay	2,803	199	37	14	7	0	0	0	0	0
Calgary International	625	484	1,410	1,754	938	4,423	7,958	609	234	702
Calgary/Springbank	2,750	264	108	20	0	0	0	0	0	0
Chicoutimi/St-Honoré	325	90	84	4	2	0	0	0	0	0
Edmonton City Centre	1,586	326	1,255	292	117	22	0	2	0	0
Edmonton International	200	166	639	998	559	2,765	5,053	245	172	168
Edmonton/Villeneuve	499	45	20	4	0	0	0	0	0	0
Fort McMurray	580	393	330	322	69	802	394	0	0	0
Fredericton International	1,844	115	201	204	92	219	0	12	0	0
Gander International	256	9	26	460	200	227	17	100	12	61
Halifax/Robert L. Stanfield International	64	187	287	1,106	855	1,746	2,047	193	243	114
Hamilton	125	326	181	320	158	39	217	11	524	149
Kelowna	581	91	201	554	28	798	1,011	3	14	0
Kitchener/Waterloo	1,906	76	313	41	24	24	58	0	0	0
Langley	1,591	82	10	1	1	0	0	0	0	0
London	1,257	221	163	82	369	461	149	0	0	0
Moncton/Greater Moncton International	877	82	113	455	52	743	195	0	252	0
Montréal/Pierre Elliott Trudeau International	300	122	714	642	2,665	6,140	5,204	1,361	4	1,270
Montréal/St-Hubert	2,215	483	667	314	123	14	2	4	0	0
Oshawa	1,613	128	29	16	4	0	0	0	0	0
Ottawa/Macdonald-Cartier International	1,667	151	804	245	596	3,254	2,990	297	41	287
Pitt Meadows	1,983	108	7	0	0	0	0	0	0	0
Prince George	258	76	100	526	27	389	188	0	0	0
Québec/Jean Lesage International	1,173	270	665	585	1,167	1,820	318	0	0	98
Regina International	597	121	305	302	44	863	731	0	82	28
Saskatoon/John G. Diefenbaker International	818	389	703	691	212	1,133	878	2	41	33
Sault Ste. Marie	310	63	454	50	209	323	17	2	0	0
St. John's International	65	28	241	634	586	608	821	100	119	36
St-Jean	359	0	0	0	0	0	0	0	0	0
Thunder Bay	539	164	1,948	218	100	893	218	2	0	0
Toronto/Billy Bishop Toronto City	1,058	104	276	158	0	4,307	0	0	0	0
Toronto/Buttonville Municipal	2,511	226	246	44	22	13	0	0	0	0
Toronto/Lester B. Pearson International	9	186	375	1,631	3,306	7,628	14,005	3,604	418	3,242
Vancouver Harbour	46	2,295	682	0	4	0	0	0	0	0
Vancouver International	382	2,786	788	2,470	1,693	5,094	6,299	1,027	427	2,073
Victoria International	2,194	789	141	423	804	1,152	544	58	32	0
Whitehorse International	317	110	94	83	9	237	142	2	0	0
Windsor	371	203	46	79	316	158	22	0	6	0
Winnipeg/James Armstrong Richardson International	279	334	2,852	321	821	1,697	2,241	264	667	137
Winnipeg/St. Andrews	1,587	681	103	0	0	0	0	0	0	0
Yellowknife	356	305	709	226	191	702	493	107	0	0
<b>Total of NAV CANADA towers (42)</b>	<b>40,218</b>	<b>13,510</b>	<b>18,435</b>	<b>16,312</b>	<b>16,389</b>	<b>48,709</b>	<b>52,650</b>	<b>8,018</b>	<b>3,288</b>	<b>8,398</b>

**Table 6-2**  
**Itinerant movements by aircraft weight group — NAV CANADA flight service stations**

	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 to 70,000	70,001 to 90,000	90,001 to 136,000	136,001 and over
	number									
Brandon Municipal	261	52	163	16	14	6	0	48	0	0
Campbell River	356	21	38	459	122	8	6	0	0	0
Castlegar	81	17	12	52	53	120	0	0	0	0
Charlottetown	67	105	43	194	65	194	88	3	0	0
Churchill	17	4	94	18	156	387	4	0	0	0
Cranbrook	88	65	32	287	91	202	0	0	0	0
Deer Lake	22	2	26	380	423	175	96	0	0	0
Fort Nelson	466	58	282	144	148	71	58	0	0	0
Fort St. John	377	50	147	300	122	272	13	0	0	0
Grande Prairie	616	296	373	86	23	423	192	0	0	0
High Level	169	108	153	109	8	0	0	0	0	0
Îles-de-la-Madeleine	8	21	115	82	131	15	2	0	0	0
Inuvik/Mike Zubko	50	35	360	2	3	53	95	2	0	0
Iqaluit	30	8	307	61	228	344	192	14	14	44
Kamloops	265	141	138	248	133	479	68	0	0	0
Kenora	56	10	451	7	0	0	0	4	0	0
Kingston	611	37	109	284	146	8	16	4	0	0
Kuujjuaq	24	11	425	0	83	80	115	0	1	22
La Grande Rivière	0	3	218	10	86	374	72	0	0	0
La Ronge	76	105	530	68	212	128	0	0	0	0
Lethbridge	324	133	114	270	74	5	2	0	0	0
Lloydminster	381	66	111	141	0	8	0	0	0	0
Medicine Hat	244	18	247	288	8	6	0	0	1	0
Mont-Joli	15	17	108	263	124	31	0	0	0	0
Montréal/Mirabel International	452	320	89	109	33	209	97	8	279	184
Nanaimo	728	388	21	10	22	334	0	0	0	0
Norman Wells	288	128	171	44	2	38	162	0	0	0
North Bay	422	93	255	44	172	35	21	4	0	6
Ottawa/Gatineau	732	69	30	52	2	0	0	9	0	0
Peace River	40	50	306	58	24	0	0	0	0	0
Penticton	307	35	19	116	9	172	1	0	0	0
Port Hardy	18	76	119	75	118	2	2	4	0	0
Prince Albert	93	44	215	390	291	395	0	0	0	0
Prince Rupert	3	3	97	49	60	128	0	0	0	0
Rankin Inlet	7	0	70	10	229	291	147	0	0	2
Red Deer Regional	889	144	210	93	0	32	0	0	0	0
Rouyn-Noranda	38	5	465	6	280	156	71	0	0	0
Saint John	110	131	90	231	195	256	0	3	0	0
Sept-Îles	202	166	443	425	488	134	8	0	0	0
Sioux Lookout	141	269	1,118	627	84	0	2	0	0	0
Smithers	75	10	59	167	37	81	0	0	0	0
St. Catharines	813	46	11	12	4	0	0	0	0	0
Sudbury	216	201	902	203	201	270	8	2	0	0
Terrace	271	33	128	177	95	208	0	0	0	0
Thompson	128	247	1,282	16	204	599	1	8	0	0
Timmins	62	169	1,023	77	373	197	2	0	0	0
Val-d'Or	106	23	245	14	301	172	48	0	14	6
Victoria Harbour	13	1,121	685	6	3	0	0	0	0	0
Wabush	149	78	364	321	372	96	2	0	0	0
Whitecourt	365	30	30	14	2	0	0	0	0	0
Williams Lake	82	20	6	356	29	0	2	2	0	0
<b>Total of all flight service stations (51)</b>	<b>11,354</b>	<b>5,282</b>	<b>13,049</b>	<b>7,471</b>	<b>6,083</b>	<b>7,194</b>	<b>1,593</b>	<b>115</b>	<b>309</b>	<b>264</b>

**Table 7-1****Itinerant movements, domestic, transborder and international — NAV CANADA towers**

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI			Civil	Military
number							
<b>Abbotsford</b>							
Domestic	2,125	444	1,091	40	472	65	13
Transborder	47	12	4	1	30	0	0
Other international	18	18	0	0	0	0	0
<b>Total</b>	<b>2,190</b>	<b>474</b>	<b>1,095</b>	<b>41</b>	<b>502</b>	<b>65</b>	<b>13</b>
<b>Boundary Bay</b>							
Domestic	3,012	10	690	1,522	773	14	3
Transborder	48	2	4	25	16	0	1
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>3,060</b>	<b>12</b>	<b>694</b>	<b>1,547</b>	<b>789</b>	<b>14</b>	<b>4</b>
<b>Calgary International</b>							
Domestic	15,106	13,045	645	386	886	121	23
Transborder	3,316	2,989	107	6	211	0	3
Other international	715	712	1	0	2	0	0
<b>Total</b>	<b>19,137</b>	<b>16,746</b>	<b>753</b>	<b>392</b>	<b>1,099</b>	<b>121</b>	<b>26</b>
<b>Calgary/Springbank</b>							
Domestic	3,094	5	567	1,661	848	10	3
Transborder	48	0	5	3	40	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>3,142</b>	<b>5</b>	<b>572</b>	<b>1,664</b>	<b>888</b>	<b>10</b>	<b>3</b>
<b>Chicoutimi/St-Honoré</b>							
Domestic	505	276	24	136	67	0	2
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>505</b>	<b>276</b>	<b>24</b>	<b>136</b>	<b>67</b>	<b>0</b>	<b>2</b>
<b>Edmonton City Centre</b>							
Domestic	3,561	1,110	502	954	473	502	20
Transborder	38	9	6	9	14	0	0
Other international	1	0	0	1	0	0	0
<b>Total</b>	<b>3,600</b>	<b>1,119</b>	<b>508</b>	<b>964</b>	<b>487</b>	<b>502</b>	<b>20</b>
<b>Edmonton International</b>							
Domestic	9,209	8,394	175	14	591	3	32
Transborder	1,500	1,426	10	3	59	1	1
Other international	256	239	0	1	11	0	5
<b>Total</b>	<b>10,965</b>	<b>10,059</b>	<b>185</b>	<b>18</b>	<b>661</b>	<b>4</b>	<b>38</b>
<b>Edmonton/Villeneuve</b>							
Domestic	565	4	47	294	214	6	0
Transborder	3	0	0	1	2	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>568</b>	<b>4</b>	<b>47</b>	<b>295</b>	<b>216</b>	<b>6</b>	<b>0</b>
<b>Fort McMurray</b>							
Domestic	2,885	1,548	843	83	385	26	0
Transborder	5	0	0	0	5	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,890</b>	<b>1,548</b>	<b>843</b>	<b>83</b>	<b>390</b>	<b>26</b>	<b>0</b>
<b>Fredericton International</b>							
Domestic	2,678	572	1,979	4	66	43	14
Transborder	7	2	1	0	2	0	2
Other international	2	0	0	2	0	0	0
<b>Total</b>	<b>2,687</b>	<b>574</b>	<b>1,980</b>	<b>6</b>	<b>68</b>	<b>43</b>	<b>16</b>
<b>Gander International</b>							
Domestic	990	853	31	1	19	28	58
Transborder	174	60	0	6	47	1	60
Other international	204	72	10	7	53	1	61
<b>Total</b>	<b>1,368</b>	<b>985</b>	<b>41</b>	<b>14</b>	<b>119</b>	<b>30</b>	<b>179</b>

**Table 7-1 – continued****Itinerant movements, domestic, transborder and international — NAV CANADA towers**

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI		Civil	Military	
number							
<b>Halifax/Robert L. Stanfield International</b>							
Domestic	5,804	5,168	280	4	178	48	126
Transborder	854	782	2	3	49	0	18
Other international	184	151	5	2	14	0	12
<b>Total</b>	<b>6,842</b>	<b>6,101</b>	<b>287</b>	<b>9</b>	<b>241</b>	<b>48</b>	<b>156</b>
<b>Hamilton</b>							
Domestic	1,437	1,102	124	6	115	83	7
Transborder	553	448	29	0	76	0	0
Other international	60	46	9	0	5	0	0
<b>Total</b>	<b>2,050</b>	<b>1,596</b>	<b>162</b>	<b>6</b>	<b>196</b>	<b>83</b>	<b>7</b>
<b>Kelowna</b>							
Domestic	2,955	2,324	288	127	179	29	8
Transborder	283	227	3	3	50	0	0
Other international	43	43	0	0	0	0	0
<b>Total</b>	<b>3,281</b>	<b>2,594</b>	<b>291</b>	<b>130</b>	<b>229</b>	<b>29</b>	<b>8</b>
<b>Kitchener/Waterloo</b>							
Domestic	2,317	323	1,478	33	479	2	2
Transborder	117	32	23	4	58	0	0
Other international	8	5	0	0	3	0	0
<b>Total</b>	<b>2,442</b>	<b>360</b>	<b>1,501</b>	<b>37</b>	<b>540</b>	<b>2</b>	<b>2</b>
<b>Langley</b>							
Domestic	1,684	8	66	908	696	6	0
Transborder	1	0	0	1	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,685</b>	<b>8</b>	<b>66</b>	<b>909</b>	<b>696</b>	<b>6</b>	<b>0</b>
<b>London</b>							
Domestic	2,456	885	389	820	319	41	2
Transborder	223	162	7	2	52	0	0
Other international	23	22	0	0	1	0	0
<b>Total</b>	<b>2,702</b>	<b>1,069</b>	<b>396</b>	<b>822</b>	<b>372</b>	<b>41</b>	<b>2</b>
<b>Moncton/Greater Moncton International</b>							
Domestic	2,654	1,616	814	6	83	129	6
Transborder	114	93	4	0	17	0	0
Other international	1	1	0	0	0	0	0
<b>Total</b>	<b>2,769</b>	<b>1,710</b>	<b>818</b>	<b>6</b>	<b>100</b>	<b>129</b>	<b>6</b>
<b>Montréal/Pierre Elliott Trudeau International</b>							
Domestic	10,428	9,060	623	24	559	148	14
Transborder	5,827	5,276	176	12	362	0	1
Other international	2,167	2,109	27	11	20	0	0
<b>Total</b>	<b>18,422</b>	<b>16,445</b>	<b>826</b>	<b>47</b>	<b>941</b>	<b>148</b>	<b>15</b>
<b>Montréal/St-Hubert</b>							
Domestic	3,668	1,753	525	733	582	46	29
Transborder	148	31	16	3	97	1	0
Other international	6	1	1	0	3	1	0
<b>Total</b>	<b>3,822</b>	<b>1,785</b>	<b>542</b>	<b>736</b>	<b>682</b>	<b>48</b>	<b>29</b>
<b>Oshawa</b>							
Domestic	1,767	29	53	1,085	498	97	5
Transborder	20	6	3	0	11	0	0
Other international	3	0	0	0	3	0	0
<b>Total</b>	<b>1,790</b>	<b>35</b>	<b>56</b>	<b>1,085</b>	<b>512</b>	<b>97</b>	<b>5</b>
<b>Ottawa/Macdonald-Cartier International</b>							
Domestic	8,010	5,711	210	1,561	203	219	106
Transborder	1,956	1,801	22	12	99	15	7
Other international	366	346	5	1	4	0	10
<b>Total</b>	<b>10,332</b>	<b>7,858</b>	<b>237</b>	<b>1,574</b>	<b>306</b>	<b>234</b>	<b>123</b>

**Table 7-1 – continued****Itinerant movements, domestic, transborder and international — NAV CANADA towers**

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI		Civil	Military	
number							
<b>Pitt Meadows</b>							
Domestic	2,094	7	893	231	924	39	0
Transborder	4	0	1	0	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,098</b>	<b>7</b>	<b>894</b>	<b>231</b>	<b>927</b>	<b>39</b>	<b>0</b>
<b>Prince George</b>							
Domestic	1,548	1,114	239	8	139	36	12
Transborder	6	2	0	0	4	0	0
Other international	10	10	0	0	0	0	0
<b>Total</b>	<b>1,564</b>	<b>1,126</b>	<b>239</b>	<b>8</b>	<b>143</b>	<b>36</b>	<b>12</b>
<b>Québec/Jean Lesage International</b>							
Domestic	5,195	3,131	1,245	170	405	211	33
Transborder	679	622	7	0	47	3	0
Other international	222	219	0	0	1	0	2
<b>Total</b>	<b>6,096</b>	<b>3,972</b>	<b>1,252</b>	<b>170</b>	<b>453</b>	<b>214</b>	<b>35</b>
<b>Regina International</b>							
Domestic	2,577	1,729	457	33	232	113	13
Transborder	391	340	5	0	43	3	0
Other international	105	104	0	0	1	0	0
<b>Total</b>	<b>3,073</b>	<b>2,173</b>	<b>462</b>	<b>33</b>	<b>276</b>	<b>116</b>	<b>13</b>
<b>Saskatoon/John G. Diefenbaker International</b>							
Domestic	4,489	2,914	660	306	252	292	65
Transborder	334	288	11	0	34	0	1
Other international	77	77	0	0	0	0	0
<b>Total</b>	<b>4,900</b>	<b>3,279</b>	<b>671</b>	<b>306</b>	<b>286</b>	<b>292</b>	<b>66</b>
<b>Sault Ste. Marie</b>							
Domestic	1,415	1,065	10	281	39	12	8
Transborder	10	2	0	2	6	0	0
Other international	3	3	0	0	0	0	0
<b>Total</b>	<b>1,428</b>	<b>1,070</b>	<b>10</b>	<b>283</b>	<b>45</b>	<b>12</b>	<b>8</b>
<b>St. John's International</b>							
Domestic	2,970	2,427	271	1	77	171	23
Transborder	130	66	0	1	18	0	45
Other international	138	61	3	6	17	2	49
<b>Total</b>	<b>3,238</b>	<b>2,554</b>	<b>274</b>	<b>8</b>	<b>112</b>	<b>173</b>	<b>117</b>
<b>St-Jean</b>							
Domestic	359	0	80	61	175	3	40
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>359</b>	<b>0</b>	<b>80</b>	<b>61</b>	<b>175</b>	<b>3</b>	<b>40</b>
<b>Thunder Bay</b>							
Domestic	4,038	3,177	140	472	137	94	18
Transborder	23	8	0	2	11	2	0
Other international	21	21	0	0	0	0	0
<b>Total</b>	<b>4,082</b>	<b>3,206</b>	<b>140</b>	<b>474</b>	<b>148</b>	<b>96</b>	<b>18</b>
<b>Toronto/Billy Bishop Toronto City</b>							
Domestic	4,748	3,431	465	623	206	11	12
Transborder	1,155	1,054	4	4	93	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>5,903</b>	<b>4,485</b>	<b>469</b>	<b>627</b>	<b>299</b>	<b>11</b>	<b>12</b>
<b>Toronto/Buttonville Municipal</b>							
Domestic	2,934	184	1,541	36	1,137	34	2
Transborder	125	12	17	5	89	2	0
Other international	3	1	0	0	2	0	0
<b>Total</b>	<b>3,062</b>	<b>197</b>	<b>1,558</b>	<b>41</b>	<b>1,228</b>	<b>36</b>	<b>2</b>

**Table 7-1 – continued****Itinerant movements, domestic, transborder and international — NAV CANADA towers**

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI		Civil	Military	
number							
<b>Toronto/Lester B. Pearson International</b>							
Domestic	14,534	13,951	242	9	303	16	13
Transborder	14,636	13,833	191	7	605	0	0
Other international	5,234	5,156	44	3	30	0	1
<b>Total</b>	<b>34,404</b>	<b>32,940</b>	<b>477</b>	<b>19</b>	<b>938</b>	<b>16</b>	<b>14</b>
<b>Vancouver Harbour</b>							
Domestic	3,026	2,777	212	0	33	0	4
Transborder	0	0	0	0	0	0	0
Other international	1	1	0	0	0	0	0
<b>Total</b>	<b>3,027</b>	<b>2,778</b>	<b>212</b>	<b>0</b>	<b>33</b>	<b>0</b>	<b>4</b>
<b>Vancouver International</b>							
Domestic	16,991	15,205	1,168	44	299	255	20
Transborder	4,465	4,214	34	21	194	0	2
Other international	1,583	1,574	1	0	7	0	1
<b>Total</b>	<b>23,039</b>	<b>20,993</b>	<b>1,203</b>	<b>65</b>	<b>500</b>	<b>255</b>	<b>23</b>
<b>Victoria International</b>							
Domestic	5,497	2,513	1,816	163	854	25	126
Transborder	605	486	19	0	99	0	1
Other international	35	34	0	0	1	0	0
<b>Total</b>	<b>6,137</b>	<b>3,033</b>	<b>1,835</b>	<b>163</b>	<b>954</b>	<b>25</b>	<b>127</b>
<b>Whitehorse International</b>							
Domestic	984	593	243	1	101	42	4
Transborder	10	6	0	0	4	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>994</b>	<b>599</b>	<b>243</b>	<b>1</b>	<b>105</b>	<b>42</b>	<b>4</b>
<b>Windsor</b>							
Domestic	1,088	529	367	8	171	12	1
Transborder	98	51	14	0	32	0	1
Other international	15	7	8	0	0	0	0
<b>Total</b>	<b>1,201</b>	<b>587</b>	<b>389</b>	<b>8</b>	<b>203</b>	<b>12</b>	<b>2</b>
<b>Winnipeg/James Armstrong Richardson International</b>							
Domestic	8,346	7,420	217	29	130	360	190
Transborder	1,092	991	14	11	63	0	13
Other international	175	174	0	0	1	0	0
<b>Total</b>	<b>9,613</b>	<b>8,585</b>	<b>231</b>	<b>40</b>	<b>194</b>	<b>360</b>	<b>203</b>
<b>Winnipeg/St. Andrews</b>							
Domestic	2,366	592	1,211	322	241	0	0
Transborder	5	0	2	1	2	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,371</b>	<b>592</b>	<b>1,213</b>	<b>323</b>	<b>243</b>	<b>0</b>	<b>0</b>
<b>Yellowknife</b>							
Domestic	3,086	2,625	324	7	19	57	54
Transborder	2	2	0	0	0	0	0
Other international	1	1	0	0	0	0	0
<b>Total</b>	<b>3,089</b>	<b>2,628</b>	<b>324</b>	<b>7</b>	<b>19</b>	<b>57</b>	<b>54</b>
<b>Total of NAV CANADA towers (42)</b>							
Domestic	175,195	119,624	23,245	13,207	14,559	3,449	1,111
Transborder	39,052	35,335	741	148	2,644	28	156
Other international	11,680	11,208	114	34	179	4	141
<b>Total</b>	<b>225,927</b>	<b>166,167</b>	<b>24,100</b>	<b>13,389</b>	<b>17,382</b>	<b>3,481</b>	<b>1,408</b>

**Table 7-2****Itinerant movements, domestic, transborder and international — NAV CANADA flight service stations**

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI			Civil	Military
number							
<b>Brandon Municipal</b>							
Domestic	550	98	178	16	111	32	115
Transborder	10	0	0	0	10	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>560</b>	<b>98</b>	<b>178</b>	<b>16</b>	<b>121</b>	<b>32</b>	<b>115</b>
<b>Campbell River</b>							
Domestic	999	576	118	77	195	18	15
Transborder	8	1	0	0	7	0	0
Other international	3	0	0	0	3	0	0
<b>Total</b>	<b>1,010</b>	<b>577</b>	<b>118</b>	<b>77</b>	<b>205</b>	<b>18</b>	<b>15</b>
<b>Castlegar</b>							
Domestic	325	223	38	39	21	0	4
Transborder	10	0	1	1	8	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>335</b>	<b>223</b>	<b>39</b>	<b>40</b>	<b>29</b>	<b>0</b>	<b>4</b>
<b>Charlottetown</b>							
Domestic	754	586	62	3	57	41	5
Transborder	4	0	0	0	4	0	0
Other international	1	0	0	0	1	0	0
<b>Total</b>	<b>759</b>	<b>586</b>	<b>62</b>	<b>3</b>	<b>62</b>	<b>41</b>	<b>5</b>
<b>Churchill</b>							
Domestic	679	646	17	7	5	4	0
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>680</b>	<b>646</b>	<b>17</b>	<b>7</b>	<b>6</b>	<b>4</b>	<b>0</b>
<b>Cranbrook</b>							
Domestic	755	638	32	0	77	4	4
Transborder	10	2	1	0	7	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>765</b>	<b>640</b>	<b>33</b>	<b>0</b>	<b>84</b>	<b>4</b>	<b>4</b>
<b>Deer Lake</b>							
Domestic	1,124	1,046	31	0	5	36	6
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,124</b>	<b>1,046</b>	<b>31</b>	<b>0</b>	<b>5</b>	<b>36</b>	<b>6</b>
<b>Fort Nelson</b>							
Domestic	1,227	467	713	0	47	0	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,227</b>	<b>467</b>	<b>713</b>	<b>0</b>	<b>47</b>	<b>0</b>	<b>0</b>
<b>Fort St. John</b>							
Domestic	1,281	790	298	6	171	14	2
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,281</b>	<b>790</b>	<b>298</b>	<b>6</b>	<b>171</b>	<b>14</b>	<b>2</b>
<b>Grande Prairie</b>							
Domestic	2,006	1,060	595	64	276	11	0
Transborder	3	1	1	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,009</b>	<b>1,061</b>	<b>596</b>	<b>64</b>	<b>277</b>	<b>11</b>	<b>0</b>
<b>High Level</b>							
Domestic	547	294	223	4	20	6	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>547</b>	<b>294</b>	<b>223</b>	<b>4</b>	<b>20</b>	<b>6</b>	<b>0</b>

**Table 7-2 – continued****Itinerant movements, domestic, transborder and international — NAV CANADA flight service stations**

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI		Civil	Military	
number							
<b>Îles-de-la-Madeleine</b>							
Domestic	374	309	29	3	3	28	2
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>374</b>	<b>309</b>	<b>29</b>	<b>3</b>	<b>3</b>	<b>28</b>	<b>2</b>
<b>Inuvik/Mike Zubko</b>							
Domestic	599	539	30	0	6	22	2
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>600</b>	<b>539</b>	<b>30</b>	<b>0</b>	<b>7</b>	<b>22</b>	<b>2</b>
<b>Iqaluit</b>							
Domestic	1,190	1,035	59	24	24	38	10
Transborder	10	2	0	0	7	0	1
Other international	42	9	3	2	25	0	3
<b>Total</b>	<b>1,242</b>	<b>1,046</b>	<b>62</b>	<b>26</b>	<b>56</b>	<b>38</b>	<b>14</b>
<b>Kamloops</b>							
Domestic	1,458	912	262	12	216	49	7
Transborder	13	2	2	0	9	0	0
Other international	1	0	0	0	1	0	0
<b>Total</b>	<b>1,472</b>	<b>914</b>	<b>264</b>	<b>12</b>	<b>226</b>	<b>49</b>	<b>7</b>
<b>Kenora</b>							
Domestic	527	393	97	4	13	6	14
Transborder	1	1	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>528</b>	<b>394</b>	<b>97</b>	<b>4</b>	<b>13</b>	<b>6</b>	<b>14</b>
<b>Kingston</b>							
Domestic	1,189	457	251	180	258	28	15
Transborder	26	1	7	0	18	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,215</b>	<b>458</b>	<b>258</b>	<b>180</b>	<b>276</b>	<b>28</b>	<b>15</b>
<b>Kuujjuaq</b>							
Domestic	761	675	39	2	14	29	2
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>761</b>	<b>675</b>	<b>39</b>	<b>2</b>	<b>14</b>	<b>29</b>	<b>2</b>
<b>La Grande Rivière</b>							
Domestic	763	618	106	10	13	16	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>763</b>	<b>618</b>	<b>106</b>	<b>10</b>	<b>13</b>	<b>16</b>	<b>0</b>
<b>La Ronge</b>							
Domestic	1,119	1,041	4	1	13	60	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,119</b>	<b>1,041</b>	<b>4</b>	<b>1</b>	<b>13</b>	<b>60</b>	<b>0</b>
<b>Lethbridge</b>							
Domestic	870	394	21	213	223	10	9
Transborder	51	2	6	3	39	0	1
Other international	1	0	0	0	1	0	0
<b>Total</b>	<b>922</b>	<b>396</b>	<b>27</b>	<b>216</b>	<b>263</b>	<b>10</b>	<b>10</b>
<b>Lloydminster</b>							
Domestic	707	240	207	22	218	18	2
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>707</b>	<b>240</b>	<b>207</b>	<b>22</b>	<b>218</b>	<b>18</b>	<b>2</b>

**Table 7-2 – continued****Itinerant movements, domestic, transborder and international — NAV CANADA flight service stations**

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI		Civil	Military	
number							
<b>Medicine Hat</b>							
Domestic	808	504	132	27	130	9	6
Transborder	4	1	0	0	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>812</b>	<b>505</b>	<b>132</b>	<b>27</b>	<b>133</b>	<b>9</b>	<b>6</b>
<b>Mont-Joli</b>							
Domestic	555	386	123	13	11	22	0
Transborder	3	0	0	0	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>558</b>	<b>386</b>	<b>123</b>	<b>13</b>	<b>14</b>	<b>22</b>	<b>0</b>
<b>Montréal/Mirabel International</b>							
Domestic	1,556	716	312	74	416	10	28
Transborder	211	198	1	1	11	0	0
Other international	13	11	0	2	0	0	0
<b>Total</b>	<b>1,780</b>	<b>925</b>	<b>313</b>	<b>77</b>	<b>427</b>	<b>10</b>	<b>28</b>
<b>Nanaimo</b>							
Domestic	1,468	367	454	74	543	26	4
Transborder	35	8	3	1	23	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,503</b>	<b>375</b>	<b>457</b>	<b>75</b>	<b>566</b>	<b>26</b>	<b>4</b>
<b>Norman Wells</b>							
Domestic	833	532	298	0	1	0	2
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>833</b>	<b>532</b>	<b>298</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>
<b>North Bay</b>							
Domestic	1,039	533	244	99	131	16	16
Transborder	9	1	1	0	7	0	0
Other international	4	4	0	0	0	0	0
<b>Total</b>	<b>1,052</b>	<b>538</b>	<b>245</b>	<b>99</b>	<b>138</b>	<b>16</b>	<b>16</b>
<b>Ottawa/Gatineau</b>							
Domestic	893	67	249	125	407	28	17
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>894</b>	<b>67</b>	<b>249</b>	<b>125</b>	<b>408</b>	<b>28</b>	<b>17</b>
<b>Peace River</b>							
Domestic	478	394	46	6	26	6	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>478</b>	<b>394</b>	<b>46</b>	<b>6</b>	<b>26</b>	<b>6</b>	<b>0</b>
<b>Penticton</b>							
Domestic	655	293	188	13	142	17	2
Transborder	3	0	2	0	1	0	0
Other international	1	1	0	0	0	0	0
<b>Total</b>	<b>659</b>	<b>294</b>	<b>190</b>	<b>13</b>	<b>143</b>	<b>17</b>	<b>2</b>
<b>Port Hardy</b>							
Domestic	412	343	14	0	23	22	10
Transborder	2	0	0	0	0	0	2
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>414</b>	<b>343</b>	<b>14</b>	<b>0</b>	<b>23</b>	<b>22</b>	<b>12</b>
<b>Prince Albert</b>							
Domestic	1,427	1,251	40	2	55	77	2
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,428</b>	<b>1,251</b>	<b>40</b>	<b>2</b>	<b>56</b>	<b>77</b>	<b>2</b>

**Table 7-2 – continued****Itinerant movements, domestic, transborder and international — NAV CANADA flight service stations**

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI		Civil	Military	
number							
<b>Prince Rupert</b>							
Domestic	338	307	5	0	5	20	1
Transborder	2	0	0	0	1	0	1
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>340</b>	<b>307</b>	<b>5</b>	<b>0</b>	<b>6</b>	<b>20</b>	<b>2</b>
<b>Rankin Inlet</b>							
Domestic	756	743	5	4	2	2	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>756</b>	<b>743</b>	<b>5</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>0</b>
<b>Red Deer Regional</b>							
Domestic	1,352	207	545	136	442	22	0
Transborder	16	3	4	0	9	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,368</b>	<b>210</b>	<b>549</b>	<b>136</b>	<b>451</b>	<b>22</b>	<b>0</b>
<b>Rouyn-Noranda</b>							
Domestic	1,019	720	161	12	100	26	0
Transborder	2	2	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,021</b>	<b>722</b>	<b>161</b>	<b>12</b>	<b>100</b>	<b>26</b>	<b>0</b>
<b>Saint John</b>							
Domestic	952	670	65	58	154	0	5
Transborder	59	6	3	0	50	0	0
Other international	5	1	0	0	4	0	0
<b>Total</b>	<b>1,016</b>	<b>677</b>	<b>68</b>	<b>58</b>	<b>208</b>	<b>0</b>	<b>5</b>
<b>Sept-Îles</b>							
Domestic	1,864	1,233	505	12	54	54	6
Transborder	2	0	0	0	2	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,866</b>	<b>1,233</b>	<b>505</b>	<b>12</b>	<b>56</b>	<b>54</b>	<b>6</b>
<b>Sioux Lookout</b>							
Domestic	2,239	1,904	192	85	40	14	4
Transborder	2	0	1	1	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,241</b>	<b>1,904</b>	<b>193</b>	<b>86</b>	<b>40</b>	<b>14</b>	<b>4</b>
<b>Smithers</b>							
Domestic	429	334	64	2	15	14	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>429</b>	<b>334</b>	<b>64</b>	<b>2</b>	<b>15</b>	<b>14</b>	<b>0</b>
<b>St. Catharines</b>							
Domestic	867	1	531	14	315	6	0
Transborder	19	1	1	0	17	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>886</b>	<b>2</b>	<b>532</b>	<b>14</b>	<b>332</b>	<b>6</b>	<b>0</b>
<b>Sudbury</b>							
Domestic	1,992	1,566	221	8	159	36	2
Transborder	11	5	2	1	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,003</b>	<b>1,571</b>	<b>223</b>	<b>9</b>	<b>162</b>	<b>36</b>	<b>2</b>
<b>Terrace</b>							
Domestic	909	560	306	0	31	12	0
Transborder	3	0	0	0	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>912</b>	<b>560</b>	<b>306</b>	<b>0</b>	<b>34</b>	<b>12</b>	<b>0</b>

**Table 7-2 – continued****Itinerant movements, domestic, transborder and international — NAV CANADA flight service stations**

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI		Civil	Military	
number							
<b>Thompson</b>							
Domestic	2,485	2,152	239	4	11	79	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,485</b>	<b>2,152</b>	<b>239</b>	<b>4</b>	<b>11</b>	<b>79</b>	<b>0</b>
<b>Timmins</b>							
Domestic	1,899	1,699	110	0	76	14	0
Transborder	4	0	0	0	4	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,903</b>	<b>1,699</b>	<b>110</b>	<b>0</b>	<b>80</b>	<b>14</b>	<b>0</b>
<b>Val-d'Or</b>							
Domestic	929	737	59	4	98	25	6
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>929</b>	<b>737</b>	<b>59</b>	<b>4</b>	<b>98</b>	<b>25</b>	<b>6</b>
<b>Victoria Harbour</b>							
Domestic	1,687	1,555	4	0	12	113	3
Transborder	141	140	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,828</b>	<b>1,695</b>	<b>4</b>	<b>0</b>	<b>13</b>	<b>113</b>	<b>3</b>
<b>Wabush</b>							
Domestic	1,381	1,020	279	3	62	17	0
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,382</b>	<b>1,020</b>	<b>279</b>	<b>3</b>	<b>63</b>	<b>17</b>	<b>0</b>
<b>Whitecourt</b>							
Domestic	441	19	280	69	61	8	4
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>441</b>	<b>19</b>	<b>280</b>	<b>69</b>	<b>61</b>	<b>8</b>	<b>4</b>
<b>Williams Lake</b>							
Domestic	496	379	26	4	77	6	4
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>497</b>	<b>379</b>	<b>26</b>	<b>4</b>	<b>78</b>	<b>6</b>	<b>4</b>
<b>Total of all flight service stations (51)</b>							
Domestic	51,963	34,229	9,107	1,535	5,585	1,171	336
Transborder	680	377	36	8	254	0	5
Other international	71	26	3	4	35	0	3
<b>Total</b>	<b>52,714</b>	<b>34,632</b>	<b>9,146</b>	<b>1,547</b>	<b>5,874</b>	<b>1,171</b>	<b>344</b>

**Table 8-1**  
**Total aircraft movements, peak hour and peak day — NAV CANADA towers**

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Abbotsford	20	5,772	6	11	101	2	464
Boundary Bay	12	7,840	3	13	143	3	701
Calgary International	3	19,223	7	18	58	1	779
Calgary/Springbank	9	8,308	12	15	101	8	606
Chicoutimi/St-Honoré	42	1,333	3	15	40	8	154
Edmonton City Centre	27	4,050	21	15	26	14	211
Edmonton International	6	11,263	8	7	44	8	470
Edmonton/Villeneuve	33	3,152	4	13	80	9	282
Fort McMurray	32	3,258	12	15	32	13	189
Fredericton International	17	6,551	30	14	70	30	497
Gander International	38	1,846	2	13	39	14	143
Halifax/Robert L. Stanfield International	14	7,100	19	14	29	20	299
Hamilton	36	2,574	13	11	27	13	187
Kelowna	24	4,177	11	14	35	1	217
Kitchener/Waterloo	21	5,554	1	15	76	1	587
Langley	26	4,149	31	14	67	2	283
London	23	4,980	20	12	73	1	460
Moncton/Greater Moncton International	28	4,015	13	10	41	2	319
Montréal/Pierre Elliott Trudeau International	4	18,514	2	18	64	1	720
Montréal/St-Hubert	15	6,952	1	11	131	1	980
Oshawa	31	3,394	3	11	66	12	374
Ottawa/Macdonald-Cartier International	5	12,704	1	14	92	1	777
Pitt Meadows	22	5,534	21	12	105	4	485
Prince George	35	2,676	11	14	62	9	220
Québec/Jean Lesage International	10	8,266	3	15	65	1	527
Regina International	29	3,965	9	11	47	9	204
Saskatoon/John G. Diefenbaker International	16	6,794	15	14	56	15	390
Sault Ste. Marie	37	2,236	1	15	48	1	230
St. John's International	30	3,438	2	14	29	3	161
St-Jean	40	1,435	3	12	51	3	187
Thunder Bay	18	6,500	2	14	91	1	715
Toronto/Billy Bishop Toronto City	11	7,851	3	15	63	1	455
Toronto/Buttonville Municipal	13	7,368	3	13	154	3	954
Toronto/Lester B. Pearson International	1	34,526	21	19	97	8	1,238
Vancouver Harbour	34	3,027	5	8	26	7	150
Vancouver International	2	23,071	20	8	70	22	878
Victoria International	8	9,985	12	14	87	1	538
Whitehorse International	41	1,348	20	14	28	16	97
Windsor	39	1,585	7	14	40	23	115
Winnipeg/James Armstrong Richardson International	7	10,255	16	11	42	16	473
Winnipeg/St. Andrews	19	5,925	30	15	73	10	474
Yellowknife	25	4,159	2	10	42	2	277

**Table 8-2**  
**Total aircraft movements, peak hour and peak day — NAV CANADA flight service stations**

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Brandon Municipal	33	998	21	11	49	21	96
Campbell River	22	1,384	29	10	32	2	134
Castlegar	47	471	5	10	29	5	48
Charlottetown	35	817	13	12	13	4	48
Churchill	40	680	9	11	7	16	44
Cranbrook	36	801	24	11	16	29	36
Deer Lake	28	1,140	3	11	18	1	52
Fort Nelson	24	1,293	7	12	19	7	101
Fort St. John	16	1,579	18	15	32	18	164
Grande Prairie	2	2,901	19	18	50	7	180
High Level	43	563	26	14	12	14	40
Îles-de-la-Madeleine	50	389	14	14	9	14	25
Inuvik/Mike Zubko	42	600	19	13	8	13	39
Iqaluit	25	1,264	21	14	11	5	67
Kamloops	13	1,936	9	14	30	7	103
Kenora	41	612	8	10	16	8	55
Kingston	15	1,719	12	10	39	12	199
Kuujuaq	37	767	3	14	7	5	40
La Grande Rivière	38	763	6	14	7	5	45
La Ronge	26	1,218	29	11	22	19	81
Lethbridge	19	1,428	10	11	38	8	91
Lloydminster	20	1,427	23	9	29	8	115
Medicine Hat	29	1,094	5	10	23	8	92
Mont-Joli	44	558	1	18	8	16	31
Montréal/Mirabel International	4	2,542	9	9	39	8	204
Nanaimo	11	1,967	4	12	41	8	145
Norman Wells	17	1,491	7	15	24	9	111
North Bay	5	2,514	9	9	81	7	348
Ottawa/Gatineau	9	2,060	6	14	69	20	256
Peace River	46	494	13	9	10	14	40
Penticton	27	1,187	13	18	41	13	227
Port Hardy	48	446	23	10	17	23	43
Prince Albert	18	1,438	22	14	16	16	80
Prince Rupert	51	346	16	20	10	16	24
Rankin Inlet	39	758	7	14	8	2	51
Red Deer Regional	1	3,144	14	11	53	16	300
Rouyn-Noranda	30	1,067	2	13	10	2	75
Saint John	23	1,310	4	11	21	13	85
Sept-Îles	10	1,972	30	16	27	30	116
Sioux Lookout	8	2,277	5	16	18	16	148
Smithers	49	429	29	10	7	7	25
St. Catharines	6	2,482	12	14	51	12	210
Sudbury	7	2,315	15	14	35	29	160
Terrace	31	1,046	14	15	29	14	125
Thompson	3	2,563	17	14	19	20	130
Timmins	12	1,937	20	17	18	16	108
Val-d'Or	34	991	21	13	13	21	56
Victoria Harbour	14	1,844	8	11	24	8	124
Wabush	21	1,388	1	10	17	6	79
Whitecourt	32	1,045	13	11	68	13	193
Williams Lake	45	541	9	11	23	9	46

**Table 9-1**  
**Itinerant aircraft movements, peak hour and peak day — NAV CANADA towers**

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Abbotsford	30	2,190	1	13	23	1	153
Boundary Bay	22	3,060	4	13	41	4	229
Calgary International	3	19,137	7	18	58	15	778
Calgary/Springbank	18	3,142	8	11	30	9	247
Chicoutimi/St-Honoré	41	505	9	10	14	1	61
Edmonton City Centre	15	3,600	12	16	21	9	182
Edmonton International	5	10,965	8	7	44	21	456
Edmonton/Villeneuve	40	568	28	11	11	28	49
Fort McMurray	24	2,890	7	12	21	15	164
Fredericton International	27	2,687	9	11	22	30	179
Gander International	37	1,368	14	10	10	14	73
Halifax/Robert L. Stanfield International	8	6,842	1	11	23	20	285
Hamilton	32	2,050	23	1	13	20	116
Kelowna	16	3,281	14	15	15	13	151
Kitchener/Waterloo	28	2,442	1	15	30	20	237
Langley	34	1,685	31	14	29	22	133
London	26	2,702	1	12	29	1	250
Moncton/Greater Moncton International	25	2,769	9	13	16	2	169
Montréal/Pierre Elliott Trudeau International	4	18,422	2	18	64	1	712
Montréal/St-Hubert	14	3,822	3	11	62	3	435
Oshawa	33	1,790	12	20	38	3	211
Ottawa/Macdonald-Cartier International	6	10,332	1	14	48	12	516
Pitt Meadows	31	2,098	11	15	37	21	196
Prince George	35	1,564	22	9	11	7	72
Québec/Jean Lesage International	10	6,096	3	11	33	1	341
Regina International	20	3,073	10	13	17	1	143
Saskatoon/John G. Diefenbaker International	12	4,900	21	15	31	1	243
Sault Ste. Marie	36	1,428	2	15	18	2	105
St. John's International	17	3,238	3	12	15	13	143
St-Jean	42	359	3	13	9	3	41
Thunder Bay	13	4,082	16	11	25	1	237
Toronto/Billy Bishop Toronto City	11	5,903	17	15	36	1	313
Toronto/Buttonville Municipal	21	3,062	3	15	39	1	315
Toronto/Lester B. Pearson International	1	34,404	21	19	97	9	1,232
Vancouver Harbour	23	3,027	5	8	26	7	150
Vancouver International	2	23,039	20	8	70	22	874
Victoria International	9	6,137	12	15	40	12	294
Whitehorse International	39	994	16	14	13	16	69
Windsor	38	1,201	18	15	12	23	79
Winnipeg/James Armstrong Richardson International	7	9,613	15	15	32	16	419
Winnipeg/St. Andrews	29	2,371	10	10	26	10	162
Yellowknife	19	3,089	8	9	23	8	191

**Table 9-2**  
**Itinerant aircraft movements, peak hour and peak day — NAV CANADA flight service stations**

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Brandon Municipal	40	560	28	10	17	7	38
Campbell River	23	1,010	12	17	13	12	71
Castlegar	51	335	9	9	7	2	28
Charlottetown	34	759	4	13	7	4	44
Churchill	37	680	9	11	7	16	44
Cranbrook	31	765	21	15	7	27	35
Deer Lake	18	1,124	12	8	10	1	52
Fort Nelson	16	1,227	7	12	19	7	101
Fort St. John	14	1,281	14	10	13	14	79
Grande Prairie	3	2,009	8	16	14	15	98
High Level	42	547	14	11	8	14	38
Îles-de-la-Madeleine	49	374	1	15	5	1	18
Inuvik/Mike Zubko	39	600	19	13	8	13	39
Iqaluit	15	1,242	21	14	11	5	67
Kamloops	10	1,472	29	14	11	21	73
Kenora	43	528	6	15	7	7	36
Kingston	17	1,215	10	14	14	12	105
Kuujuaq	33	761	3	14	7	5	40
La Grande Rivière	32	763	6	14	7	5	45
La Ronge	19	1,119	1	15	13	20	66
Lethbridge	25	922	1	11	11	22	59
Lloydminster	36	707	8	18	11	8	51
Medicine Hat	30	812	5	10	13	8	56
Mont-Joli	41	558	1	18	8	16	31
Montréal/Mirabel International	8	1,780	17	13	16	8	126
Nanaimo	9	1,503	4	12	23	12	99
Norman Wells	29	833	9	11	13	9	57
North Bay	20	1,052	7	9	14	7	90
Ottawa/Gatineau	27	894	10	10	18	10	108
Peace River	45	478	13	9	10	14	40
Penticton	38	659	13	10	9	13	53
Port Hardy	48	414	7	14	6	7	28
Prince Albert	11	1,428	9	8	15	16	80
Prince Rupert	50	340	16	20	6	8	22
Rankin Inlet	35	756	7	14	8	2	51
Red Deer Regional	13	1,368	16	13	15	16	104
Rouyn-Noranda	21	1,021	6	16	10	6	63
Saint John	22	1,016	13	19	8	1	54
Sept-Îles	6	1,866	12	16	13	22	90
Sioux Lookout	2	2,241	5	16	18	16	126
Smithers	47	429	29	10	7	7	25
St. Catharines	28	886	3	14	19	3	88
Sudbury	4	2,003	6	13	15	9	111
Terrace	26	912	7	15	10	20	60
Thompson	1	2,485	20	11	14	22	129
Timmins	5	1,903	12	10	12	16	108
Val-d'Or	24	929	6	10	9	1	52
Victoria Harbour	7	1,828	1	9	20	1	112
Wabush	12	1,382	1	10	17	6	79
Whitecourt	46	441	13	11	10	12	42
Williams Lake	44	497	16	9	6	12	27

**Table 10-1**  
**Local movements, peak hour and peak day — NAV CANADA towers**

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Abbotsford	6	3,582	6	11	90	2	314
Boundary Bay	2	4,780	3	13	112	3	538
Calgary International	40	86	8	9	6	1	10
Calgary/Springbank	1	5,166	12	15	74	15	390
Chicoutimi/St-Honoré	26	828	6	17	30	8	122
Edmonton City Centre	31	450	11	9	16	21	46
Edmonton International	35	298	19	11	14	8	28
Edmonton/Villeneuve	11	2,584	4	13	78	9	248
Fort McMurray	33	368	11	15	20	12	44
Fredericton International	4	3,864	22	15	52	30	318
Gander International	30	478	2	13	32	14	70
Halifax/Robert L. Stanfield International	36	258	19	14	16	2	40
Hamilton	29	524	13	13	22	13	76
Kelowna	24	896	11	14	26	1	78
Kitchener/Waterloo	10	3,112	22	18	66	2	360
Langley	12	2,464	14	15	50	3	192
London	15	2,278	20	18	54	20	262
Moncton/Greater Moncton International	20	1,246	2	8	32	2	150
Montréal/Pierre Elliott Trudeau International	39	92	12	16	14	12	14
Montréal/St-Hubert	9	3,130	1	11	82	1	582
Oshawa	19	1,604	2	18	44	7	196
Ottawa/Macdonald-Cartier International	14	2,372	1	15	48	1	268
Pitt Meadows	8	3,436	21	12	76	4	304
Prince George	21	1,112	10	13	56	9	152
Québec/Jean Lesage International	16	2,170	3	15	42	12	256
Regina International	25	892	3	12	36	17	88
Saskatoon/John G. Diefenbaker International	18	1,894	18	14	40	15	180
Sault Ste. Marie	27	808	10	9	40	10	152
St. John's International	37	200	2	14	24	3	52
St-Jean	22	1,076	3	12	48	3	146
Thunder Bay	13	2,418	2	14	78	1	478
Toronto/Billy Bishop Toronto City	17	1,948	18	14	38	20	218
Toronto/Buttonville Municipal	3	4,306	3	13	118	3	650
Toronto/Lester B. Pearson International	38	122	3	12	8	3	26
Vancouver Harbour	0	0	0	0	0	0	0
Vancouver International	41	32	11	18	4	1	6
Victoria International	5	3,848	5	13	56	5	264
Whitehorse International	34	354	20	14	20	20	42
Windsor	32	384	7	14	34	7	54
Winnipeg/James Armstrong Richardson International	28	642	3	12	16	1	70
Winnipeg/St. Andrews	7	3,554	1	15	60	10	312
Yellowknife	23	1,070	18	14	30	2	110

**Table 10-2**  
**Local movements, peak hour and peak day — NAV CANADA flight service stations**

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Brandon Municipal	15	438	21	11	36	11	62
Campbell River	16	374	29	10	28	2	76
Castlegar	21	136	5	10	26	31	40
Charlottetown	29	58	13	12	8	13	12
Churchill	0	0	0	0	0	0	0
Cranbrook	33	36	24	11	12	24	14
Deer Lake	38	16	3	11	16	3	16
Fort Nelson	27	66	16	13	16	16	16
Fort St. John	18	298	18	15	30	18	114
Grande Prairie	5	892	19	18	48	7	100
High Level	39	16	26	14	10	26	14
Îles-de-la-Madeleine	41	15	14	14	6	14	9
Inuvik/Mike Zubko	0	0	0	0	0	0	0
Iqaluit	36	22	17	15	6	17	10
Kamloops	14	464	3	14	26	31	54
Kenora	25	84	22	10	14	22	24
Kingston	12	504	12	10	28	12	94
Kuujuaq	44	6	6	18	4	6	6
La Grande Rivière	0	0	0	0	0	0	0
La Ronge	24	99	29	11	18	19	26
Lethbridge	11	506	10	11	32	10	50
Lloydminster	7	720	23	9	26	23	80
Medicine Hat	20	282	8	11	14	8	36
Mont-Joli	0	0	0	0	0	0	0
Montréal/Mirabel International	6	762	9	9	30	8	78
Nanaimo	13	464	17	15	24	8	48
Norman Wells	8	658	1	8	16	9	54
North Bay	3	1,462	9	9	70	7	258
Ottawa/Gatineau	4	1,166	6	14	64	20	196
Peace River	40	16	22	13	4	6	6
Penticton	10	528	13	18	36	13	174
Port Hardy	35	32	23	10	14	23	24
Prince Albert	42	10	22	15	4	22	6
Prince Rupert	45	6	16	20	4	16	6
Rankin Inlet	46	2	14	11	2	14	2
Red Deer Regional	1	1,776	14	11	46	16	196
Rouyn-Noranda	30	46	2	13	8	2	20
Saint John	19	294	4	11	16	17	46
Sept-Îles	23	106	30	16	20	30	40
Sioux Lookout	32	36	16	9	10	16	22
Smithers	0	0	0	0	0	0	0
St. Catharines	2	1,596	7	18	42	12	154
Sudbury	17	312	29	16	26	29	74
Terrace	22	134	14	15	20	14	66
Thompson	26	78	17	14	10	10	20
Timmins	34	34	11	13	10	20	18
Val-d'Or	28	62	21	13	10	9	14
Victoria Harbour	37	16	8	11	16	8	16
Wabush	43	6	2	11	6	2	6
Whitecourt	9	604	13	11	58	13	154
Williams Lake	31	44	9	11	20	9	20

**Table 11-1**  
**Local movements - civil, peak hour and peak day — NAV CANADA towers**

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Abbotsford	6	3,582	6	11	90	2	314
Boundary Bay	2	4,780	3	13	112	3	538
Calgary International	40	86	8	9	6	1	10
Calgary/Springbank	1	5,166	12	15	74	15	390
Chicoutimi/St-Honoré	25	828	6	17	30	8	122
Edmonton City Centre	31	450	11	9	16	21	46
Edmonton International	35	288	19	11	14	8	26
Edmonton/Villeneuve	11	2,584	4	13	78	9	248
Fort McMurray	33	368	11	15	20	12	44
Fredericton International	4	3,864	22	15	52	30	318
Gander International	30	478	2	13	32	14	70
Halifax/Robert L. Stanfield International	36	252	19	14	16	2	40
Hamilton	29	524	13	13	22	13	76
Kelowna	24	896	11	14	26	1	78
Kitchener/Waterloo	10	3,104	22	18	66	1	356
Langley	12	2,464	14	15	50	3	192
London	15	2,272	20	18	54	20	262
Moncton/Greater Moncton International	20	1,244	2	8	32	2	150
Montréal/Pierre Elliott Trudeau International	39	92	12	16	14	12	14
Montréal/St-Hubert	9	3,130	1	11	82	1	582
Oshawa	19	1,604	2	18	44	7	196
Ottawa/Macdonald-Cartier International	14	2,372	1	15	48	1	268
Pitt Meadows	8	3,436	21	12	76	4	304
Prince George	21	1,112	10	13	56	9	152
Québec/Jean Lesage International	16	2,164	3	15	42	12	256
Regina International	27	800	3	12	36	17	88
Saskatoon/John G. Diefenbaker International	18	1,830	18	14	40	15	166
Sault Ste. Marie	26	808	10	9	40	10	152
St. John's International	37	200	2	14	24	3	52
St-Jean	22	1,076	3	12	48	3	146
Thunder Bay	13	2,412	2	14	78	1	478
Toronto/Billy Bishop Toronto City	17	1,948	18	14	38	20	218
Toronto/Buttonville Municipal	3	4,306	3	13	118	3	650
Toronto/Lester B. Pearson International	38	122	3	12	8	3	26
Vancouver Harbour	0	0	0	0	0	0	0
Vancouver International	41	32	11	18	4	1	6
Victoria International	5	3,840	5	13	56	5	264
Whitehorse International	34	354	20	14	20	20	42
Windsor	32	384	7	14	34	7	54
Winnipeg/James Armstrong Richardson International	28	642	3	12	16	1	70
Winnipeg/St. Andrews	7	3,554	1	15	60	10	312
Yellowknife	23	1,070	18	14	30	2	110

**Table 11-2**  
**Local movements - civil, peak hour and peak day — NAV CANADA flight service stations**

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Brandon Municipal	15	392	23	13	26	11	62
Campbell River	16	374	29	10	28	2	76
Castlegar	21	136	5	10	26	31	40
Charlottetown	29	48	13	12	8	13	12
Churchill	0	0	0	0	0	0	0
Cranbrook	31	36	24	11	12	24	14
Deer Lake	38	16	3	11	16	3	16
Fort Nelson	26	66	16	13	16	16	16
Fort St. John	18	298	18	15	30	18	114
Grande Prairie	5	892	19	18	48	7	100
High Level	37	16	26	14	10	26	14
Îles-de-la-Madeleine	41	15	14	14	6	14	9
Inuvik/Mike Zubko	0	0	0	0	0	0	0
Iqaluit	36	22	17	15	6	17	10
Kamloops	14	444	3	14	26	31	54
Kenora	28	50	8	10	12	11	18
Kingston	11	504	12	10	28	12	94
Kuujuaq	43	6	6	18	4	6	6
La Grande Rivière	0	0	0	0	0	0	0
La Ronge	24	99	29	11	18	19	26
Lethbridge	12	492	10	11	32	10	50
Lloydminster	7	720	23	9	26	23	80
Medicine Hat	20	282	8	11	14	8	36
Mont-Joli	0	0	0	0	0	0	0
Montréal/Mirabel International	6	754	9	9	30	8	78
Nanaimo	13	464	17	15	24	8	48
Norman Wells	8	658	1	8	16	9	54
North Bay	3	1,462	9	9	70	7	258
Ottawa/Gatineau	4	1,166	6	14	64	20	196
Peace River	39	16	22	13	4	6	6
Penticton	10	528	13	18	36	13	174
Port Hardy	35	32	23	10	14	23	24
Prince Albert	42	10	22	15	4	22	6
Prince Rupert	44	6	16	20	4	16	6
Rankin Inlet	46	2	14	11	2	14	2
Red Deer Regional	1	1,776	14	11	46	16	196
Rouyn-Noranda	30	46	2	13	8	2	20
Saint John	19	292	4	11	16	17	46
Sept-Îles	23	106	30	16	20	30	40
Sioux Lookout	32	36	16	9	10	16	22
Smithers	0	0	0	0	0	0	0
St. Catharines	2	1,596	7	18	42	12	154
Sudbury	17	312	29	16	26	29	74
Terrace	22	134	14	15	20	14	66
Thompson	25	78	17	14	10	10	20
Timmins	34	34	11	13	10	20	18
Val-d'Or	27	62	21	13	10	9	14
Victoria Harbour	40	16	8	11	16	8	16
Wabush	45	6	2	11	6	2	6
Whitecourt	9	604	13	11	58	13	154
Williams Lake	33	36	9	11	20	9	20

**Table 12-1**  
**Local movements - military, peak hour and peak day — NAV CANADA towers**

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Abbotsford	0	0	0	0	0	0	0
Boundary Bay	0	0	0	0	0	0	0
Calgary International	0	0	0	0	0	0	0
Calgary/Springbank	0	0	0	0	0	0	0
Chicoutimi/St-Honoré	0	0	0	0	0	0	0
Edmonton City Centre	0	0	0	0	0	0	0
Edmonton International	3	10	1	9	2	1	4
Edmonton/Villeneuve	0	0	0	0	0	0	0
Fort McMurray	0	0	0	0	0	0	0
Fredericton International	0	0	0	0	0	0	0
Gander International	0	0	0	0	0	0	0
Halifax/Robert L. Stanfield International	6	6	5	9	2	5	2
Hamilton	0	0	0	0	0	0	0
Kelowna	0	0	0	0	0	0	0
Kitchener/Waterloo	5	8	2	21	4	2	8
Langley	0	0	0	0	0	0	0
London	7	6	4	14	6	4	6
Moncton/Greater Moncton International	10	2	5	10	2	5	2
Montréal/Pierre Elliott Trudeau International	0	0	0	0	0	0	0
Montréal/St-Hubert	0	0	0	0	0	0	0
Oshawa	0	0	0	0	0	0	0
Ottawa/Macdonald-Cartier International	0	0	0	0	0	0	0
Pitt Meadows	0	0	0	0	0	0	0
Prince George	0	0	0	0	0	0	0
Québec/Jean Lesage International	8	6	30	10	4	30	4
Regina International	1	92	14	17	12	14	18
Saskatoon/John G. Diefenbaker International	2	64	8	18	16	8	18
Sault Ste. Marie	0	0	0	0	0	0	0
St. John's International	0	0	0	0	0	0	0
St-Jean	0	0	0	0	0	0	0
Thunder Bay	9	6	4	13	6	4	6
Toronto/Billy Bishop Toronto City	0	0	0	0	0	0	0
Toronto/Buttonville Municipal	0	0	0	0	0	0	0
Toronto/Lester B. Pearson International	0	0	0	0	0	0	0
Vancouver Harbour	0	0	0	0	0	0	0
Vancouver International	0	0	0	0	0	0	0
Victoria International	4	8	9	15	4	9	4
Whitehorse International	0	0	0	0	0	0	0
Windsor	0	0	0	0	0	0	0
Winnipeg/James Armstrong Richardson International	0	0	0	0	0	0	0
Winnipeg/St. Andrews	0	0	0	0	0	0	0
Yellowknife	0	0	0	0	0	0	0

**Table 12-2**  
**Local movements - military, peak hour and peak day — NAV CANADA flight service stations**

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Brandon Municipal	1	46	21	11	36	21	40
Campbell River	0	0	0	0	0	0	0
Castlegar	0	0	0	0	0	0	0
Charlottetown	5	10	9	15	4	9	4
Churchill	0	0	0	0	0	0	0
Cranbrook	0	0	0	0	0	0	0
Deer Lake	0	0	0	0	0	0	0
Fort Nelson	0	0	0	0	0	0	0
Fort St. John	0	0	0	0	0	0	0
Grande Prairie	0	0	0	0	0	0	0
High Level	0	0	0	0	0	0	0
Îles-de-la-Madeleine	0	0	0	0	0	0	0
Inuvik/Mike Zubko	0	0	0	0	0	0	0
Iqaluit	0	0	0	0	0	0	0
Kamloops	3	20	11	10	20	11	20
Kenora	2	34	22	10	14	22	24
Kingston	0	0	0	0	0	0	0
Kuujuaq	0	0	0	0	0	0	0
La Grande Rivière	0	0	0	0	0	0	0
La Ronge	0	0	0	0	0	0	0
Lethbridge	4	14	12	18	14	12	14
Lloydminster	0	0	0	0	0	0	0
Medicine Hat	0	0	0	0	0	0	0
Mont-Joli	0	0	0	0	0	0	0
Montréal/Mirabel International	6	8	12	15	8	12	8
Nanaimo	0	0	0	0	0	0	0
Norman Wells	0	0	0	0	0	0	0
North Bay	0	0	0	0	0	0	0
Ottawa/Gatineau	0	0	0	0	0	0	0
Peace River	0	0	0	0	0	0	0
Penticton	0	0	0	0	0	0	0
Port Hardy	0	0	0	0	0	0	0
Prince Albert	0	0	0	0	0	0	0
Prince Rupert	0	0	0	0	0	0	0
Rankin Inlet	0	0	0	0	0	0	0
Red Deer Regional	0	0	0	0	0	0	0
Rouyn-Noranda	0	0	0	0	0	0	0
Saint John	8	2	5	10	2	5	2
Sept-Îles	0	0	0	0	0	0	0
Sioux Lookout	0	0	0	0	0	0	0
Smithers	0	0	0	0	0	0	0
St. Catharines	0	0	0	0	0	0	0
Sudbury	0	0	0	0	0	0	0
Terrace	0	0	0	0	0	0	0
Thompson	0	0	0	0	0	0	0
Timmins	0	0	0	0	0	0	0
Val-d'Or	0	0	0	0	0	0	0
Victoria Harbour	0	0	0	0	0	0	0
Wabush	0	0	0	0	0	0	0
Whitecourt	0	0	0	0	0	0	0
Williams Lake	7	8	14	16	4	14	4

# Methodology

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## Survey universe

### Coverage

The survey covers all aircraft movements at Canadian airports with NAV CANADA air traffic control towers and flight service stations.

## Methodology survey

The Itinerant movement record is designed to capture:

- Aircraft identification
- Aircraft type
- The last station before landing at the reporting airport or the next station after take-off
- Arrival or departure
- Time of movement
- Runway used
- Flight rules (Instrument flight rules or Visual flight rules).

The Local aircraft movement record provides for reports of local movements by:

- Hour
- Single engine aircraft
- Multi-engine aircraft
- Jet aircraft
- Military aircraft
- Date of movement

Processing of aircraft movement statistics involves several stages. Monthly data by class of operation are released in Aircraft movement statistics - Monthly report, catalogue nos. 51-007-X and 51-008-X (TP-141). Annual tables, which may reflect revisions, are released in the two annual publications, catalogue 51-209-X Aircraft movement statistics – NAV CANADA Towers and Flight Service Stations: Annual report (TP-577) and catalogue 51-210-X Aircraft movement statistics – Airports Without Air Traffic Control Towers: Annual report (TP-577). In particular, data on itinerant movements by type of operation may reflect revisions as various sources of comparative information (data collected from commercial air carriers by the Aviation Statistics Centre, Statistics Canada) become available during the processing cycle. Finally, when revisions are required after the release of 51-209-X and 51-210-X, they are contained in the five year historical summary of subsequent editions of these reports. These revisions are also reflected in the CANSIM tables, both monthly and annual.

The records are completed daily, based on a twenty-four hour clock running from zero hour to 23:59. The times recorded are Coordinated Universal Time (UTC); however, published statistics are shown in local times. The records are transmitted to the Aviation Statistics Centre.

The Aviation Statistics Centre maintains a data base of parameter files of current information on all registered aircraft. The storage of this information reduces the reporting burden of the survey respondents and limits the element of human error associated with the preparation of source documents.

Other parameter files information includes registered aircraft identifications and their corresponding aircraft types, maximum 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 flights (commercial, private and government) and the geographical area in which the flights take place.

The parameter files also include airport environment information against which the airport category is checked; the reported runway is validated and the time difference between UTC and Local is assigned.

## Data quality and limitations

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Aircraft movement statistics are accumulated from data originating with air traffic control tower units or flight service station personnel. Because staff in these positions are highly trained in factual observation and reporting, the entries in the data bank are of a high quality.

The procedures for reporting aircraft movements on the Daily air traffic records by tower units are described in the NAV CANADA Air traffic control manual of operations (TP 703) Volume 1, Para. 1023 to 1023.5. Definitions for terms used in these paragraphs can be found in the appendix II "Glossary of terms" of this report.

To maintain uniformity in the reporting of source data, ASC issues to air traffic control units an "Air traffic designators" handbook (TP 143) listing 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 references to help ensure the reporting of the proper aircraft identity and the point of origin and destination of flights.

The processing system contains editing procedures designed to identify data errors occurring during transcription or during data capture of forms. Identified errors are manually corrected by Aviation Statistics Centre editing staff.

Errors may occur if an aircraft type code which exists is reported or data captured in error for a flight. For example, the reporting or keying of B727 for a flight actually performed by a B737 may not be detected during the system editing. That the aircraft type information is recorded by highly trained air traffic control tower staff using a common handbook of official aircraft codes will minimize this problem.

Similarly, the breakdown of the data on a geographic basis by use of location codes can be subject to error. For smaller locations, alphanumeric location codes are often used and the sequence of numbers and letters determines the geographic area to which the data are assigned. In some cases, where a sequence error has been introduced into the system either at the reporting unit or at data capture, a domestic movement may be classified as transborder or vice versa. The use of common manuals of location identifiers works to minimize this occurrence.

## **Appendix I**

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### **Factors influencing the data**

Starting in November, Westjet launched its new twice-weekly seasonal service from Toronto to San Juan, Puerto Rico, two new flights flying out of London to Las Vegas and Cancun, Mexico. It has also increased service between Edmonton and Calgary from five to seven flights daily, and increased service between Vancouver and Toronto for the winter from five to six flights daily.

Starting in October 2011, Porter Airlines increased weekday roundtrip flights between Billy Bishop Toronto City and Boston's Logan International Airport.

Beginning in September 2011, Porter Airlines has added an additional daily roundtrip flight between Billy Bishop Toronto City Airport and Sudbury as well as Myrtle Beach, S.C.

Westjet launched twice-weekly service from both Hamilton, Ontario and Prince George, British Columbia to Las Vegas, Nevada.

Bearskin Airlines has initiated daily non-stop flights between the Waterloo Region International Airport and Montreal's Pierre Elliott Trudeau International Airport in May 2011.

In May 2011 WestJet has begun the reintroduction of flights from Munro Hamilton International Airport, the addition of non-stop service from Vancouver and Calgary to Orange County, California and between Toronto and Montreal as well as between Toronto and Ottawa.

Effective in May 2011 Porter Airlines runs daily non-stop round trips from Billy Bishop Toronto City Airport to Windsor Airport and Sault Ste. Marie.

Starting May 1, 2011 Air Canada started cutting the following routes: Ottawa to Thunder Bay; Ottawa to Dulles International in Washington; Montreal to Dulles International in Washington; Calgary to London, Ontario; and Calgary to San Francisco.

Starting May 1, 2011 Air Canada began daily service between Billy Bishop Toronto City Airport and Montreal/Pierre Elliott Trudeau International.

## **Appendix II**

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### **Glossary of terms**

#### **Air carrier**

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

**Level I:** 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.