

Catalogue no. 51-007-X

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



February 2013



Statistics  
Canada    Statistique  
Canada

---

Canada

## How to obtain more information

For information about this product or the wide range of services and data available from Statistics Canada, visit our website, [www.statcan.gc.ca](http://www.statcan.gc.ca).

You can also contact us by

**e-mail** at [infostats@statcan.gc.ca](mailto:infostats@statcan.gc.ca)

**telephone**, from Monday to Friday, 8:30 a.m. to 4:30 p.m., at the following toll-free numbers:

- Statistical Information Service 1-800-263-1136
- National telecommunications device for the hearing impaired 1-800-363-7629
- Fax line 1-877-287-4369

### Depository Services Program

- Inquiries line 1-800-635-7943
- Fax line 1-800-565-7757

## To access this product

This product, Catalogue no. 51-007-X, is available free in electronic format. To obtain a single issue, visit our website, [www.statcan.gc.ca](http://www.statcan.gc.ca) and browse by "Key resource" > "Publications."

## Standards of service to the public

Statistics Canada is committed to serving its clients in a prompt, reliable and courteous manner. To this end, this agency has developed standards of service that its employees observe. To obtain a copy of these service standards, please contact Statistics Canada toll-free at 1-800-263-1136. The service standards are also published at [www.statcan.gc.ca](http://www.statcan.gc.ca) under "About us" > "The agency" > "Providing services to Canadians."

Statistics Canada  
Transportation Division

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

February 2013

Published by authority of the Minister responsible for Statistics Canada

© Minister of Industry, 2013 and the © Minister of Transport, 2013

All rights reserved. Use of this publication is governed by the Statistics Canada  
Open License Agreement.

<http://www.statcan.gc.ca/reference/licence-eng.html>

April 2013

Catalogue no. 51-007-X

ISSN 1911-6314

Frequency: Monthly

Ottawa

Cette publication est également disponible en français.

---

#### **Note of appreciation**

*Canada owes the success of its statistical system to a long-standing partnership between Statistics Canada, the citizens of Canada, its businesses, governments and other institutions. Accurate and timely statistical information could not be produced without their continued cooperation and goodwill.*

# User information

---

## Symbols

The following standard symbols are used in Statistics Canada publications:

- . not available for any reference period
- .. not available for a specific reference period
- ... not applicable
- 0 true zero or a value rounded to zero
- 0<sup>s</sup> 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 ( $p < 0.05$ )

## Acknowledgements

Statistics Canada would like to thank all of the respondents and data suppliers whose participation has enabled us to provide the statistical information contained in this publication.

The information found in this publication could not have been produced if not for the cooperation of our respondents and data suppliers.

This publication was prepared by the Aviation Statistics Centre, of the Transportation Division, Statistics Canada under the general direction of **Antoine Rose**, Assistant Director, Transportation Division and **Norah Hillary**, Chief, Aviation Statistics Centre. **Kathie Davidson**, **Rose Krakower**, **Conrad Ogrodnik**, **John Scolli** and **Bev Pomfret** contributed to the preparation of this publication.

# Table of contents

---

<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
8 Total aircraft movements, peak hour and peak day	32
8-1 NAV CANADA towers	32

## Table of contents – continued

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

There were 365,679 aircraft take-offs and landings at the 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations in February 2013 compared with 407,337 movements in February 2012. The decline in aircraft movements can be partly attributed to the extra day for the leap year in 2012.

Itinerant movements (flights from one airport to another) decreased (-27,245 movements) in February 2013 from the same month in 2012. These airports reported 265,282 movements compared with 292,527 movements in February 2012.

There were 100,397 local movements (flights that remain in the vicinity of the airport) in February 2013 compared with 114,810 movements in February 2012.

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

	NAV CANADA towers		NAV CANADA Flight Service Stations		Total	
	number	Percentage change, February 2012 to February 2013	number	Percentage change, February 2012 to February 2013	number	Percentage change, February 2012 to February 2013
<b>Grand total</b>	<b>295,953</b>	<b>-10.7</b>	<b>69,726</b>	<b>-8.0</b>	<b>365,679</b>	<b>-10.2</b>
<b>Itinerant movements</b>						
Air carriers	177,272	-7.8	40,146	-12.2	217,418	-8.7
Other commercial movements	16,610	-8.6	3,366	77.3	19,976	-0.5
Private movements	15,746	-18.6	5,366	-17.8	21,112	-18.4
Government civil movements	3,528	-16.8	1,273	-18.7	4,801	-17.3
Government military movements	1,441	-30.6	534	-8.9	1,975	-25.8
Itinerant total	214,597	-9.1	50,685	-10.0	265,282	-9.3
<b>Local movements</b>						
Civil local movements	80,892	-14.9	18,999	-2.0	99,891	-12.7
Military local movements	464	53.6	42	-51.2	506	30.4
Local total	81,356	-14.7	19,041	-2.2	100,397	-12.6

## Analysis

---

There were 365,679 aircraft take-offs and landings at the 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations in February 2013 compared with 407,337 movements in February 2012. The decline in aircraft movements can be partly attributed to the extra day for the leap year in 2012. Year-over-year decreases were reported by 70 airports. Toronto/Lester B. Pearson International, Ontario (31,655 movements) and Vancouver International, British Columbia (20,974 movements) were the most active sites in February.

Itinerant movements (flights from one airport to another) decreased (-27,245 movements) in February 2013 from the same month in 2012. These airports reported 265,282 movements compared with 292,527 movements in February 2012. Year-over-year variations ranged from an increase of 329 movements (+9.8%) at Kelowna, British Columbia to a drop of 1,917 movements (-5.7%) at Toronto/Lester B. Pearson International, Ontario. Seventy-seven airports reported year-over-year decreases in the number of itinerant aircraft movements in February 2013.

In February 2013, there were 100,397 local movements (flights that remain in the vicinity of the airport) recorded. This represents a decrease of 12.6% (-14,413 movements) compared with the previous year. Calgary/Springbank, Alberta (6,594 movements) and Abbotsford, British Columbia (6,016 movements) recorded the largest number of local movements.

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

There were 215,736 domestic itinerant movements reported by 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations in February 2013, down 10.4% (-24,989 movements) from February 2012. Vancouver International, British Columbia (15,642 movements) and Calgary International, Alberta (14,466 movements) reported the greatest number of domestic itinerant movements. Seventy-eight airports reported year-over-year decreases in the number of domestic movements in February 2013.

Seventy-five airports recorded 37,572 transborder itinerant movements (between Canada and the United States) in February 2013, down 4.0% from the same month in 2012. Toronto/Lester B. Pearson International, Ontario (14,238 movements) reported the greatest number of transborder itinerant movements.

In February 2013, forty-one airports reported 11,974 other international itinerant movements, down 5.4% from February 2012. Toronto/Lester B. Pearson International, Ontario, recorded 5,053 other international itinerant movements. This represents 42.2% of the total other international itinerant movements reported.



## Related products

---

### Selected publications from Statistics Canada

---

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)

---

### Selected CANSIM tables from Statistics Canada

---

401-0007	Aircraft movements, by class of operation and peak hour and peak day of movements, airports with NAV CANADA towers, monthly
401-0008	Aircraft movements, by civil and military movements, airports with NAV CANADA towers, monthly
401-0009	Itinerant movements, by type of operation, airports with NAV CANADA towers, monthly
401-0010	Itinerant movements, by instrument flight rules, visual flight rules and runway 88, airports with NAV CANADA towers, monthly
401-0011	Itinerant movements, by type of power plant, airports with NAV CANADA towers, monthly
401-0012	Itinerant movements, by aircraft 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

---

### **Selected surveys from Statistics Canada**

---

2715      Aircraft Movement Statistics

---

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

---

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

# Statistical tables

---

---

**Table 1-1**  
**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	11	8,787	23	2,771	2	6,016
Boundary Bay	18	6,213	26	2,477	9	3,736
Calgary International	3	18,425	3	18,331	38	94
Calgary/Springbank	7	10,584	14	3,990	1	6,594
Chicoutimi/St-Honoré	22	5,140	36	1,328	8	3,812
Edmonton City Centre	24	4,510	15	3,832	29	678
Edmonton International	5	11,639	5	11,269	35	370
Edmonton/Villeneuve	28	4,309	41	647	10	3,662
Fort McMurray	30	4,266	16	3,734	31	532
Fredericton International	14	7,518	21	3,060	4	4,458
Gander International	36	2,466	35	1,364	25	1,102
Halifax/Robert L. Stanfield International	19	5,701	11	5,445	36	256
Hamilton	37	2,191	32	1,707	33	484
Kelowna	20	5,555	17	3,681	18	1,874
Kitchener/Waterloo	23	5,065	29	2,291	13	2,774
Langley	35	2,674	38	1,238	20	1,436
London	25	4,500	28	2,318	14	2,182
Moncton/Greater Moncton International	31	3,876	25	2,574	21	1,302
Montréal/Pierre Elliott Trudeau International	4	16,885	4	16,817	40	68
Montréal/St-Hubert	13	7,854	18	3,404	5	4,450
Oshawa	38	2,067	37	1,243	27	824
Ottawa/Macdonald-Cartier International	6	11,279	6	9,145	15	2,134
Pitt Meadows	27	4,394	33	1,578	12	2,816
Prince George	39	1,939	34	1,483	34	456
Québec/Jean Lesage International	12	8,179	8	6,225	17	1,954
Regina International	26	4,458	19	3,196	22	1,262
Saskatoon/John G. Diefenbaker International	16	6,868	12	4,874	16	1,994
Sault Ste. Marie	32	3,668	31	1,886	19	1,782
St. John's International	34	2,868	24	2,676	37	192
St-Jean	42	1,065	42	329	28	736
Thunder Bay	10	9,184	13	4,760	6	4,424
Toronto/Billy Bishop Toronto City	17	6,716	9	5,526	23	1,190
Toronto/Buttonville Municipal	21	5,381	30	2,157	11	3,224
Toronto/Lester B. Pearson International	1	31,655	1	31,583	39	72
Vancouver Harbour	33	2,981	22	2,979	42	2
Vancouver International	2	20,974	2	20,960	41	14
Victoria International	8	9,686	10	5,512	7	4,174
Whitehorse International	40	1,849	39	1,197	30	652
Windsor	41	1,548	40	1,040	32	508
Winnipeg/James Armstrong Richardson International	9	9,261	7	8,417	26	844
Winnipeg/St. Andrews	15	7,478	27	2,380	3	5,098
Yellowknife	29	4,297	20	3,173	24	1,124
<b>Total of NAV CANADA towers (42)</b>	.	<b>295,953</b>	.	<b>214,597</b>	.	<b>81,356</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	38	813	49	374	18	439
Campbell River	16	1,691	28	843	11	848
Castlegar	41	665	47	433	22	232
Charlottetown	40	721	35	615	29	106
Churchill	43	600	36	600	0	0
Cranbrook	33	977	29	840	26	137
Deer Lake	25	1,294	14	1,176	27	118
Fort Nelson	32	1,005	23	971	38	34
Fort St. John	21	1,443	12	1,289	23	154
Grande Prairie	3	2,968	5	1,954	6	1,014
High Level	49	424	48	406	43	18
Îles-de-la-Madeleine	50	328	50	322	48	6
Inuvik/Mike Zubko	39	724	33	652	32	72
Iqaluit	27	1,205	16	1,169	36	36
Kamloops	5	2,405	8	1,591	12	814
Kenora	37	831	39	585	21	246
Kingston	12	2,012	17	1,162	10	850
Kuujuuaq	36	854	30	776	31	78
La Grande Rivière	44	562	41	550	47	12
La Ronge	24	1,321	15	1,171	24	150
Lethbridge	9	2,102	13	1,212	8	890
Lloydminster	26	1,271	40	569	13	702
Medicine Hat	23	1,397	20	1,037	19	360
Mont-Joli	42	625	37	595	41	30
Montréal/Mirabel International	6	2,387	24	931	2	1,456
Nanaimo	17	1,582	19	1,040	15	542
Norman Wells	35	862	31	770	30	92
North Bay	7	2,373	18	1,119	4	1,254
Ottawa/Gatineau	10	2,079	34	645	3	1,434
Peace River	46	500	45	464	37	36
Penticton	19	1,552	32	692	9	860
Port Hardy	45	550	43	518	40	32
Prince Albert	20	1,491	11	1,459	39	32
Prince Rupert	51	162	51	162	0	0
Rankin Inlet	34	944	25	928	44	16
Red Deer Regional	1	3,038	10	1,546	1	1,492
Rouyn-Noranda	31	1,040	21	994	34	46
Saint John	29	1,127	27	871	20	256
Sept-Îles	2	3,006	2	2,052	7	954
Sioux Lookout	8	2,371	1	2,263	28	108
Smithers	47	498	44	482	45	16
St. Catharines	28	1,152	38	588	14	564
Sudbury	4	2,559	3	2,039	17	520
Terrace	22	1,409	26	887	16	522
Thompson	11	2,049	4	1,999	33	50
Timmins	13	1,955	6	1,911	35	44
Val-d'Or	30	1,118	22	980	25	138
Victoria Harbour	14	1,906	7	1,904	49	2
Wabush	18	1,581	9	1,567	46	14
Whitecourt	15	1,707	42	522	5	1,185
Williams Lake	48	490	46	460	42	30
<b>Total of all flight service stations (51)</b>	.	<b>69,726</b>	.	<b>50,685</b>	.	<b>19,041</b>

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

	Civil movements			Military movements				
	Total	Itinerant		Local	Total	Itinerant		Local
		Commercial	Private and government			Local	Local	
	number							
Abbotsford	8,727	2,154	557	6,016	60	60	0	
Boundary Bay	6,211	1,737	738	3,736	2	2	0	
Calgary International	18,394	17,080	1,220	94	31	31	0	
Calgary/Springbank	10,579	2,893	1,092	6,594	5	5	0	
Chicoutimi/St-Honoré	5,130	1,284	40	3,806	10	4	6	
Edmonton City Centre	4,497	2,709	1,110	678	13	13	0	
Edmonton International	11,593	10,573	664	356	46	32	14	
Edmonton/Villeneuve	4,309	429	218	3,662	0	0	0	
Fort McMurray	4,254	3,048	676	530	12	10	2	
Fredericton International	7,466	2,961	91	4,414	52	8	44	
Gander International	2,380	1,165	113	1,102	86	86	0	
Halifax/Robert L. Stanfield International	5,607	5,138	215	254	94	92	2	
Hamilton	2,185	1,496	211	478	6	0	6	
Kelowna	5,534	3,235	425	1,874	21	21	0	
Kitchener/Waterloo	5,060	1,842	444	2,774	5	5	0	
Langley	2,674	750	488	1,436	0	0	0	
London	4,498	1,904	414	2,180	2	0	2	
Moncton/Greater Moncton International	3,872	2,374	198	1,300	4	2	2	
Montréal/Pierre Elliott Trudeau International	16,883	15,835	982	66	2	0	2	
Montréal/St-Hubert	7,759	2,634	675	4,450	95	95	0	
Oshawa	2,062	865	373	824	5	5	0	
Ottawa/Macdonald-Cartier International	11,136	8,483	527	2,126	143	135	8	
Pitt Meadows	4,391	864	711	2,816	3	3	0	
Prince George	1,939	1,284	199	456	0	0	0	
Québec/Jean Lesage International	8,124	5,488	684	1,952	55	53	2	
Regina International	4,128	2,781	365	982	330	50	280	
Saskatoon/John G. Diefenbaker International	6,754	4,324	502	1,928	114	48	66	
Sault Ste. Marie	3,652	1,806	68	1,778	16	12	4	
St. John's International	2,725	2,298	235	192	143	143	0	
St-Jean	1,015	148	131	736	50	50	0	
Thunder Bay	9,127	4,449	266	4,412	57	45	12	
Toronto/Billy Bishop Toronto City	6,712	5,366	156	1,190	4	4	0	
Toronto/Buttonville Municipal	5,381	1,174	983	3,224	0	0	0	
Toronto/Lester B. Pearson International	31,643	30,595	976	72	12	12	0	
Vancouver Harbour	2,981	2,959	20	2	0	0	0	
Vancouver International	20,956	20,290	652	14	18	18	0	
Victoria International	9,614	4,794	646	4,174	72	72	0	
Whitehorse International	1,802	1,033	127	642	47	37	10	
Windsor	1,548	871	169	508	0	0	0	
Winnipeg/James Armstrong Richardson International	9,071	7,601	626	844	190	190	0	
Winnipeg/St. Andrews	7,478	2,192	188	5,098	0	0	0	
Yellowknife	4,197	2,976	99	1,122	100	98	2	
<b>Total of NAV CANADA towers (42)</b>	<b>294,048</b>	<b>193,882</b>	<b>19,274</b>	<b>80,892</b>	<b>1,905</b>	<b>1,441</b>	<b>464</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	800	244	117	439	13	13	0	
Campbell River	1,689	657	186	846	2	0	2	
Castlegar	665	378	55	232	0	0	0	
Charlottetown	714	468	144	102	7	3	4	
Churchill	600	582	18	0	0	0	0	
Cranbrook	964	702	125	137	13	13	0	
Deer Lake	1,272	1,072	82	118	22	22	0	
Fort Nelson	979	916	29	34	26	26	0	
Fort St. John	1,439	1,081	204	154	4	4	0	
Grande Prairie	2,959	1,548	397	1,014	9	9	0	
High Level	424	379	27	18	0	0	0	
Îles-de-la-Madeleine	326	284	36	6	2	2	0	
Inuvik/Mike Zubko	709	609	28	72	15	15	0	
Iqaluit	1,196	1,089	71	36	9	9	0	
Kamloops	2,403	1,322	267	814	2	2	0	
Kenora	817	549	22	246	14	14	0	
Kingston	1,961	860	251	850	51	51	0	
Kuujuuaq	846	744	24	78	8	8	0	
La Grande Rivière	562	528	22	12	0	0	0	
La Ronge	1,319	1,104	65	150	2	2	0	
Lethbridge	2,054	884	310	860	48	18	30	
Lloydminster	1,253	370	181	702	18	18	0	
Medicine Hat	1,379	848	171	360	18	18	0	
Mont-Joli	625	552	43	30	0	0	0	
Montréal/Mirabel International	2,363	703	204	1,456	24	24	0	
Nanaimo	1,575	735	300	540	7	5	2	
Norman Wells	862	756	14	92	0	0	0	
North Bay	2,357	972	133	1,252	16	14	2	
Ottawa/Gatineau	2,071	270	367	1,434	8	8	0	
Peace River	498	427	35	36	2	2	0	
Penticton	1,497	479	158	860	55	55	0	
Port Hardy	540	428	80	32	10	10	0	
Prince Albert	1,436	1,244	160	32	55	55	0	
Prince Rupert	162	156	6	0	0	0	0	
Rankin Inlet	944	914	14	16	0	0	0	
Red Deer Regional	3,030	867	673	1,490	8	6	2	
Rouyn-Noranda	1,040	891	103	46	0	0	0	
Saint John	1,120	664	200	256	7	7	0	
Sept-Îles	2,971	1,894	123	954	35	35	0	
Sioux Lookout	2,369	2,215	46	108	2	2	0	
Smithers	498	447	35	16	0	0	0	
St. Catharines	1,152	395	193	564	0	0	0	
Sudbury	2,548	1,821	207	520	11	11	0	
Terrace	1,409	836	51	522	0	0	0	
Thompson	2,049	1,880	119	50	0	0	0	
Timmins	1,925	1,755	126	44	30	30	0	
Val-d'Or	1,118	838	142	138	0	0	0	
Victoria Harbour	1,904	1,821	81	2	2	2	0	
Wabush	1,564	1,480	70	14	17	17	0	
Whitecourt	1,703	425	93	1,185	4	4	0	
Williams Lake	490	429	31	30	0	0	0	
<b>Total of all flight service stations (51)</b>	<b>69,150</b>	<b>43,512</b>	<b>6,639</b>	<b>18,999</b>	<b>576</b>	<b>534</b>	<b>42</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	2,771	397	1,696	61	511	46	60
Boundary Bay	2,477	4	508	1,225	720	18	2
Calgary International	18,331	15,973	691	416	1,081	139	31
Calgary/Springbank	3,990	14	669	2,210	1,081	11	5
Chicoutimi/St-Honoré	1,328	373	20	891	40	0	4
Edmonton City Centre	3,832	1,108	460	1,141	589	521	13
Edmonton International	11,269	10,148	315	110	661	3	32
Edmonton/Villeneuve	647	10	83	336	216	2	0
Fort McMurray	3,734	1,889	1,125	34	638	38	10
Fredericton International	3,060	617	2,340	4	59	32	8
Gander International	1,364	1,013	59	93	86	27	86
Halifax/Robert L. Stanfield International	5,445	4,730	304	104	184	31	92
Hamilton	1,707	1,331	111	54	161	50	0
Kelowna	3,681	2,502	473	260	368	57	21
Kitchener/Waterloo	2,291	432	1,383	27	438	6	5
Langley	1,238	3	94	653	475	13	0
London	2,318	952	143	809	367	47	0
Moncton/Greater Moncton International	2,574	1,377	981	16	67	131	2
Montréal/Pierre Elliott Trudeau International	16,817	14,959	687	189	818	164	0
Montréal/St-Hubert	3,404	1,632	318	684	606	69	95
Oshawa	1,243	30	57	778	302	71	5
Ottawa/Macdonald-Cartier International	9,145	6,837	194	1,452	264	263	135
Pitt Meadows	1,578	2	608	254	693	18	3
Prince George	1,483	1,039	237	8	143	56	0
Québec/Jean Lesage International	6,225	3,799	1,265	424	442	242	53
Regina International	3,196	2,242	497	42	259	106	50
Saskatoon/John G. Diefenbaker International	4,874	3,251	824	249	259	243	48
Sault Ste. Marie	1,886	971	31	804	51	17	12
St. John's International	2,676	1,626	305	367	57	178	143
St-Jean	329	8	83	57	131	0	50
Thunder Bay	4,760	3,100	146	1,203	148	118	45
Toronto/Billy Bishop Toronto City	5,526	4,544	275	547	152	4	4
Toronto/Buttonville Municipal	2,157	149	1,018	7	899	84	0
Toronto/Lester B. Pearson International	31,583	30,001	565	29	958	18	12
Vancouver Harbour	2,979	2,736	221	2	20	0	0
Vancouver International	20,960	18,855	1,360	75	467	185	18
Victoria International	5,512	2,635	1,964	195	610	36	72
Whitehorse International	1,197	661	372	0	111	16	37
Windsor	1,040	425	440	6	167	2	0
Winnipeg/James Armstrong Richardson International	8,417	7,294	255	52	218	408	190
Winnipeg/St. Andrews	2,380	417	1,276	499	188	0	0
Yellowknife	3,173	2,385	348	243	41	58	98
<b>Total of NAV CANADA towers (42)</b>	<b>214,597</b>	<b>152,471</b>	<b>24,801</b>	<b>16,610</b>	<b>15,746</b>	<b>3,528</b>	<b>1,441</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	374	100	134	10	91	26	13
Campbell River	843	522	80	55	171	15	0
Castlegar	433	172	80	126	55	0	0
Charlottetown	615	438	26	4	94	50	3
Churchill	600	568	12	2	4	14	0
Cranbrook	840	633	19	50	115	10	13
Deer Lake	1,176	698	35	339	19	63	22
Fort Nelson	971	410	505	1	29	0	26
Fort St. John	1,289	756	319	6	188	16	4
Grande Prairie	1,954	1,005	535	8	381	16	9
High Level	406	303	74	2	17	10	0
Îles-de-la-Madeleine	322	262	22	0	2	34	2
Inuvik/Mike Zubko	652	464	93	52	2	26	15
Iqaluit	1,169	1,017	38	34	45	26	9
Kamloops	1,591	892	361	69	227	40	2
Kenora	585	362	68	119	20	2	14
Kingston	1,162	398	248	214	237	14	51
Kuujuuaq	776	709	33	2	6	18	8
La Grande Rivière	550	414	95	19	16	6	0
La Ronge	1,171	1,082	18	4	20	45	2
Lethbridge	1,212	453	34	397	290	20	18
Lloydminster	569	178	181	11	176	5	18
Medicine Hat	1,037	583	119	146	159	12	18
Mont-Joli	595	447	73	32	17	26	0
Montréal/Mirabel International	931	635	68	0	202	2	24
Nanaimo	1,040	377	350	8	287	13	5
Norman Wells	770	613	143	0	0	14	0
North Bay	1,119	609	216	147	117	16	14
Ottawa/Gatineau	645	102	89	79	359	8	8
Peace River	464	365	60	2	33	2	2
Penticton	692	192	253	34	151	7	55
Port Hardy	518	402	24	2	30	50	10
Prince Albert	1,459	1,205	35	4	66	94	55
Prince Rupert	162	154	2	0	4	2	0
Rankin Inlet	928	914	0	0	6	8	0
Red Deer Regional	1,546	188	530	149	637	36	6
Rouyn-Noranda	994	689	198	4	79	24	0
Saint John	871	589	41	34	200	0	7
Sept-Îles	2,052	1,097	525	272	59	64	35
Sioux Lookout	2,263	1,852	127	236	12	34	2
Smithers	482	323	120	4	23	12	0
St. Catharines	588	5	377	13	165	28	0
Sudbury	2,039	1,436	239	146	156	51	11
Terrace	887	475	358	3	24	27	0
Thompson	1,999	1,571	305	4	19	100	0
Timmins	1,911	1,664	87	4	83	43	30
Val-d'Or	980	785	43	10	110	32	0
Victoria Harbour	1,904	1,819	2	0	3	78	2
Wabush	1,567	940	146	394	44	26	17
Whitecourt	522	38	276	111	89	4	4
Williams Lake	460	376	49	4	27	4	0
<b>Total of all flight service stations (51)</b>	<b>50,685</b>	<b>32,281</b>	<b>7,865</b>	<b>3,366</b>	<b>5,366</b>	<b>1,273</b>	<b>534</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	
Abbotsford	2,771	648	23.3	2,123	76.6	1,182
Boundary Bay	2,477	206	8.3	2,271	91.6	505
Calgary International	18,331	17,540	95.6	791	4.3	343
Calgary/Springbank	3,990	376	9.4	3,614	90.5	72
Chicoutimi/St-Honoré	1,328	185	13.9	1,143	86.0	95
Edmonton City Centre	3,832	1,727	45.0	2,105	54.9	1,201
Edmonton International	11,269	10,789	95.7	480	4.2	514
Edmonton/Villeneuve	647	52	8.0	595	91.9	188
Fort McMurray	3,734	2,419	64.7	1,315	35.2	118
Fredericton International	3,060	771	25.1	2,289	74.8	94
Gander International	1,364	838	61.4	526	38.5	52
Halifax/Robert L. Stanfield International	5,445	5,224	95.9	221	4.0	97
Hamilton	1,707	1,554	91.0	153	8.9	559
Kelowna	3,681	2,561	69.5	1,120	30.4	571
Kitchener/Waterloo	2,291	628	27.4	1,663	72.5	223
Langley	1,238	17	1.3	1,221	98.6	421
London	2,318	1,089	46.9	1,229	53.0	204
Moncton/Greater Moncton International	2,574	1,573	61.1	1,001	38.8	69
Montréal/Pierre Elliott Trudeau International	16,817	16,478	97.9	339	2.0	507
Montréal/St-Hubert	3,404	1,122	32.9	2,282	67.0	497
Oshawa	1,243	111	8.9	1,132	91.0	297
Ottawa/Macdonald-Cartier International	9,145	7,352	80.3	1,793	19.6	203
Pitt Meadows	1,578	24	1.5	1,554	98.4	826
Prince George	1,483	1,245	83.9	238	16.0	125
Québec/Jean Lesage International	6,225	4,778	76.7	1,447	23.2	647
Regina International	3,196	2,571	80.4	625	19.5	53
Saskatoon/John G. Diefenbaker International	4,874	3,719	76.3	1,155	23.6	154
Sault Ste. Marie	1,886	1,043	55.3	843	44.6	26
St. John's International	2,676	2,474	92.4	202	7.5	52
St-Jean	329	13	3.9	316	96.0	158
Thunder Bay	4,760	3,271	68.7	1,489	31.2	55
Toronto/Billy Bishop Toronto City	5,526	4,700	85.0	826	14.9	804
Toronto/Buttonville Municipal	2,157	374	17.3	1,783	82.6	584
Toronto/Lester B. Pearson International	31,583	31,563	99.9	20	0.0	105
Vancouver Harbour	2,979	203	6.8	2,776	93.1	780
Vancouver International	20,960	18,440	87.9	2,520	12.0	3,911
Victoria International	5,512	3,057	55.4	2,455	44.5	1,760
Whitehorse International	1,197	516	43.1	681	56.8	214
Windsor	1,040	606	58.2	434	41.7	46
Winnipeg/James Armstrong Richardson International	8,417	7,848	93.2	569	6.7	227
Winnipeg/St. Andrews	2,380	84	3.5	2,296	96.4	113
Yellowknife	3,173	2,249	70.8	924	29.1	286
<b>Total of NAV CANADA towers (42)</b>	<b>214,597</b>	<b>162,038</b>	<b>75.5</b>	<b>52,559</b>	<b>24.5</b>	<b>18,938</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	
Brandon Municipal	374	125	33.4	249	66.5	78
Campbell River	843	492	58.3	351	41.6	327
Castlegar	433	223	51.5	210	48.4	124
Charlottetown	615	508	82.6	107	17.3	36
Churchill	600	589	98.1	11	1.8	9
Cranbrook	840	674	80.2	166	19.7	99
Deer Lake	1,176	1,097	93.2	79	6.7	27
Fort Nelson	971	435	44.7	536	55.2	28
Fort St. John	1,289	872	67.6	417	32.3	27
Grande Prairie	1,954	1,167	59.7	787	40.2	87
High Level	406	253	62.3	153	37.6	49
Îles-de-la-Madeleine	322	312	96.8	10	3.1	25
Inuvik/Mike Zubko	652	334	51.2	318	48.7	15
Iqaluit	1,169	1,033	88.3	136	11.6	0
Kamloops	1,591	1,029	64.6	562	35.3	296
Kenora	585	372	63.5	213	36.4	191
Kingston	1,162	495	42.5	667	57.4	81
Kuujuuaq	776	380	48.9	396	51.0	6
La Grande Rivière	550	475	86.3	75	13.6	84
La Ronge	1,171	716	61.1	455	38.8	387
Lethbridge	1,212	574	47.3	638	52.6	13
Lloydminster	569	243	42.7	326	57.2	10
Medicine Hat	1,037	502	48.4	535	51.5	86
Mont-Joli	595	574	96.4	21	3.5	15
Montréal/Mirabel International	931	697	74.8	234	25.1	708
Nanaimo	1,040	564	54.2	476	45.7	472
Norman Wells	770	214	27.7	556	72.2	9
North Bay	1,119	668	59.6	451	40.3	356
Ottawa/Gatineau	645	149	23.1	496	76.8	182
Peace River	464	354	76.2	110	23.7	1
Penticton	692	229	33.0	463	66.9	120
Port Hardy	518	230	44.4	288	55.5	234
Prince Albert	1,459	1,313	89.9	146	10.0	41
Prince Rupert	162	131	80.8	31	19.1	0
Rankin Inlet	928	919	99.0	9	0.9	401
Red Deer Regional	1,546	342	22.1	1,204	77.8	194
Rouyn-Noranda	994	942	94.7	52	5.2	46
Saint John	871	752	86.3	119	13.6	21
Sept-Îles	2,052	1,641	79.9	411	20.0	443
Sioux Lookout	2,263	1,846	81.5	417	18.4	152
Smithers	482	369	76.5	113	23.4	239
St. Catharines	588	69	11.7	519	88.2	92
Sudbury	2,039	1,533	75.1	506	24.8	289
Terrace	887	584	65.8	303	34.1	122
Thompson	1,999	1,330	66.5	669	33.4	35
Timmins	1,911	1,715	89.7	196	10.2	72
Val-d'Or	980	831	84.7	149	15.2	110
Victoria Harbour	1,904	263	13.8	1,641	86.1	575
Wabush	1,567	1,400	89.3	167	10.6	319
Whitecourt	522	65	12.4	457	87.5	43
Williams Lake	460	387	84.1	73	15.8	48
<b>Total of all flight service stations (51)</b>	<b>50,685</b>	<b>33,011</b>	<b>65.1</b>	<b>17,674</b>	<b>34.9</b>	<b>7,424</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	2,771	427	88	1,313	943	0
Boundary Bay	2,477	7	46	2,252	172	0
Calgary International	18,331	11,614	5,852	243	622	0
Calgary/Springbank	3,990	68	105	3,168	649	0
Chicoutimi/St-Honoré	1,328	3	70	1,033	222	0
Edmonton City Centre	3,832	247	1,385	1,588	612	0
Edmonton International	11,269	6,459	4,358	270	182	0
Edmonton/Villeneuve	647	2	21	536	88	0
Fort McMurray	3,734	1,119	1,404	544	667	0
Fredericton International	3,060	66	727	2,143	124	0
Gander International	1,364	273	528	464	99	0
Halifax/Robert L. Stanfield International	5,445	2,928	2,227	87	203	0
Hamilton	1,707	1,034	520	108	45	0
Kelowna	3,681	1,278	1,308	722	373	0
Kitchener/Waterloo	2,291	257	315	1,571	148	0
Langley	1,238	0	0	915	323	0
London	2,318	311	796	1,144	67	0
Moncton/Greater Moncton International	2,574	646	894	985	49	0
Montréal/Pierre Elliott Trudeau International	16,817	11,049	5,397	210	161	0
Montréal/St-Hubert	3,404	190	792	2,175	247	0
Oshawa	1,243	40	38	1,091	74	0
Ottawa/Macdonald-Cartier International	9,145	5,062	2,309	1,535	239	0
Pitt Meadows	1,578	2	7	1,223	346	0
Prince George	1,483	367	882	128	106	0
Québec/Jean Lesage International	6,225	1,264	3,432	694	835	0
Regina International	3,196	1,590	845	689	72	0
Saskatoon/John G. Diefenbaker International	4,874	1,714	1,897	1,179	84	0
Sault Ste. Marie	1,886	77	962	837	10	0
St. John's International	2,676	1,048	1,296	23	309	0
St-Jean	329	0	0	319	8	2
Thunder Bay	4,760	400	2,922	1,297	141	0
Toronto/Billy Bishop Toronto City	5,526	23	4,648	661	194	0
Toronto/Buttonville Municipal	2,157	46	233	1,687	191	0
Toronto/Lester B. Pearson International	31,583	26,103	5,467	12	1	0
Vancouver Harbour	2,979	0	1,699	652	628	0
Vancouver International	20,960	10,433	8,259	1,672	596	0
Victoria International	5,512	938	1,920	2,453	201	0
Whitehorse International	1,197	317	313	352	215	0
Windsor	1,040	104	555	371	10	0
Winnipeg/James Armstrong Richardson International	8,417	4,718	3,214	288	197	0
Winnipeg/St. Andrews	2,380	0	487	1,755	138	0
Yellowknife	3,173	763	1,902	136	372	0
<b>Total of NAV CANADA towers (42)</b>	<b>214,597</b>	<b>92,987</b>	<b>70,120</b>	<b>40,525</b>	<b>10,963</b>	<b>2</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	374	29	127	171	47	0
Campbell River	843	18	530	140	155	0
Castlegar	433	10	231	156	36	0
Charlottetown	615	131	346	95	43	0
Churchill	600	129	461	2	8	0
Cranbrook	840	22	625	182	11	0
Deer Lake	1,176	91	1,017	12	56	0
Fort Nelson	971	60	371	73	467	0
Fort St. John	1,289	277	588	187	237	0
Grande Prairie	1,954	231	799	649	275	0
High Level	406	8	271	59	68	0
Îles-de-la-Madeleine	322	10	296	16	0	0
Inuvik/Mike Zubko	652	110	359	36	147	0
Iqaluit	1,169	282	851	7	29	0
Kamloops	1,591	122	851	429	189	0
Kenora	585	6	407	104	68	0
Kingston	1,162	22	468	587	85	0
Kuujuuaq	776	139	614	0	23	0
La Grande Rivière	550	106	436	8	0	0
La Ronge	1,171	0	943	180	48	0
Lethbridge	1,212	66	484	636	26	0
Lloydminster	569	12	213	318	26	0
Medicine Hat	1,037	29	583	381	44	0
Mont-Joli	595	20	557	16	2	0
Montréal/Mirabel International	931	466	223	22	220	0
Nanaimo	1,040	23	388	603	26	0
Norman Wells	770	190	301	140	139	0
North Bay	1,119	60	584	130	345	0
Ottawa/Gatineau	645	0	108	427	110	0
Peace River	464	13	323	74	54	0
Penticton	692	16	247	176	253	0
Port Hardy	518	5	285	144	84	0
Prince Albert	1,459	12	1,285	98	64	0
Prince Rupert	162	7	125	0	30	0
Rankin Inlet	928	236	692	0	0	0
Red Deer Regional	1,546	62	265	1,192	27	0
Rouyn-Noranda	994	111	859	22	2	0
Saint John	871	177	556	100	38	0
Sept-Îles	2,052	56	1,586	140	270	0
Sioux Lookout	2,263	2	1,945	296	20	0
Smithers	482	9	373	21	79	0
St. Catharines	588	21	23	399	145	0
Sudbury	2,039	47	1,462	284	246	0
Terrace	887	26	564	10	287	0
Thompson	1,999	139	1,584	143	133	0
Timmins	1,911	18	1,788	58	47	0
Val-d'Or	980	118	719	96	47	0
Victoria Harbour	1,904	0	1,196	51	657	0
Wabush	1,567	44	1,340	115	68	0
Whitecourt	522	12	38	82	390	0
Williams Lake	460	20	366	34	40	0
<b>Total of all flight service stations (51)</b>	<b>50,685</b>	<b>3,820</b>	<b>31,653</b>	<b>9,301</b>	<b>5,911</b>	<b>0</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	1,870	245	226	28	8	14	371	9	0	0
Boundary Bay	2,293	158	17	9	0	0	0	0	0	0
Calgary International	587	348	1,438	2,121	926	3,964	7,486	666	245	550
Calgary/Springbank	3,605	184	166	31	1	0	3	0	0	0
Chicoutimi/St-Honoré	1,073	187	65	2	1	0	0	0	0	0
Edmonton City Centre	1,958	225	1,271	287	73	18	0	0	0	0
Edmonton International	219	287	889	1,079	630	2,785	4,799	283	134	164
Edmonton/Villeneuve	576	43	27	0	1	0	0	0	0	0
Fort McMurray	1,058	273	497	376	89	821	524	96	0	0
Fredericton International	2,248	83	172	174	83	292	2	2	0	4
Gander International	479	15	8	466	178	111	52	33	8	14
Halifax/Robert L. Stanfield International	38	193	301	804	876	1,108	1,736	141	168	80
Hamilton	102	240	164	293	96	36	235	3	429	109
Kelowna	932	217	319	419	72	801	920	0	1	0
Kitchener/Waterloo	1,659	78	310	44	27	109	58	2	4	0
Langley	1,111	83	22	22	0	0	0	0	0	0
London	1,139	51	209	96	464	220	137	2	0	0
Moncton/Greater Moncton International	1,010	96	121	276	61	569	141	0	300	0
Montréal/Pierre Elliott Trudeau International	228	122	507	499	2,155	6,078	4,628	1,356	0	1,244
Montréal/St-Hubert	2,101	225	568	368	134	4	4	0	0	0
Oshawa	1,131	43	24	39	3	0	0	3	0	0
Ottawa/Macdonald-Cartier International	1,593	82	752	233	480	2,791	2,720	255	40	199
Pitt Meadows	1,534	41	0	2	0	1	0	0	0	0
Prince George	189	49	175	526	8	364	172	0	0	0
Québec/Jean Lesage International	1,273	248	703	614	1,009	1,784	529	19	0	46
Regina International	517	247	282	400	53	812	755	0	62	68
Saskatoon/John G. Diefenbaker International	936	362	543	792	211	1,060	854	4	41	71
Sault Ste. Marie	826	65	504	71	191	197	32	0	0	0
St. John's International	11	19	200	534	646	358	635	181	81	11
St-Jean	329	0	0	0	0	0	0	0	0	0
Thunder Bay	1,272	150	2,071	182	94	772	208	11	0	0
Toronto/Billy Bishop Toronto City	682	71	252	170	2	4,349	0	0	0	0
Toronto/Buttonville Municipal	1,749	169	188	25	16	9	1	0	0	0
Toronto/Lester B. Pearson International	0	116	387	1,410	3,003	7,008	12,985	3,843	142	2,689
Vancouver Harbour	63	2,145	771	0	0	0	0	0	0	0
Vancouver International	365	2,561	782	2,341	1,867	4,429	5,681	921	258	1,755
Victoria International	2,109	718	134	368	670	962	501	18	32	0
Whitehorse International	476	116	121	98	10	230	146	0	0	0
Windsor	324	201	51	95	102	247	20	0	0	0
Winnipeg/James Armstrong Richardson International	312	243	2,227	275	705	1,543	2,282	130	580	120
Winnipeg/St. Andrews	1,824	509	47	0	0	0	0	0	0	0
Yellowknife	253	426	625	312	210	762	535	50	0	0
<b>Total of NAV CANADA towers (42)</b>	<b>42,054</b>	<b>11,934</b>	<b>18,136</b>	<b>15,881</b>	<b>15,155</b>	<b>44,608</b>	<b>49,152</b>	<b>8,028</b>	<b>2,525</b>	<b>7,124</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	197	19	94	31	16	4	2	11	0	0
Campbell River	243	42	23	429	106	0	0	0	0	0
Castlegar	181	43	37	7	105	60	0	0	0	0
Charlottetown	57	154	25	149	46	62	120	2	0	0
Churchill	8	2	108	10	126	344	2	0	0	0
Cranbrook	149	42	49	378	50	170	2	0	0	0
Deer Lake	46	6	35	412	559	32	80	6	0	0
Fort Nelson	390	48	173	158	136	44	22	0	0	0
Fort St. John	366	53	193	239	134	296	8	0	0	0
Grande Prairie	674	258	306	77	20	443	174	2	0	0
High Level	110	31	122	143	0	0	0	0	0	0
Îles-de-la-Madeleine	0	16	97	81	116	10	2	0	0	0
Inuvik/Mike Zubko	58	34	338	70	4	55	87	6	0	0
Iqaluit	0	9	323	154	161	280	178	10	10	44
Kamloops	477	89	142	222	177	416	68	0	0	0
Kenora	114	8	458	0	3	1	0	1	0	0
Kingston	588	69	101	153	233	16	0	2	0	0
Kuujuuaq	21	0	476	0	25	129	101	4	0	20
La Grande Rivière	0	8	123	11	30	276	102	0	0	0
La Ronge	99	131	465	143	208	125	0	0	0	0
Lethbridge	550	102	128	396	19	8	9	0	0	0
Lloydminster	307	25	102	131	1	3	0	0	0	0
Medicine Hat	399	30	263	309	9	12	15	0	0	0
Mont-Joli	8	10	106	225	126	120	0	0	0	0
Montréal/Mirabel International	195	92	15	40	6	135	27	12	243	166
Nanaimo	344	279	30	22	115	250	0	0	0	0
Norman Wells	199	106	221	38	4	34	168	0	0	0
North Bay	454	52	376	52	135	29	17	0	0	4
Ottawa/Gatineau	440	89	18	90	0	0	2	6	0	0
Peace River	76	48	244	82	8	0	6	0	0	0
Penticton	323	167	13	26	12	151	0	0	0	0
Port Hardy	27	230	38	96	123	4	0	0	0	0
Prince Albert	94	27	188	437	289	420	0	4	0	0
Prince Rupert	2	0	34	26	42	58	0	0	0	0
Rankin Inlet	0	0	129	0	96	561	142	0	0	0
Red Deer Regional	1,062	157	153	104	23	47	0	0	0	0
Rouyn-Noranda	18	6	378	17	332	162	81	0	0	0
Saint John	83	121	96	171	139	245	14	2	0	0
Sept-Îles	265	116	504	303	388	444	24	8	0	0
Sioux Lookout	90	248	1,210	625	88	2	0	0	0	0
Smithers	92	17	54	182	43	94	0	0	0	0
St. Catharines	480	63	13	28	4	0	0	0	0	0
Sudbury	364	100	893	189	73	394	18	8	0	0
Terrace	177	121	112	145	155	176	1	0	0	0
Thompson	142	178	1,078	8	181	410	0	2	0	0
Timmins	48	115	1,040	47	309	348	0	4	0	0
Val-d'Or	122	21	329	14	294	126	66	0	8	0
Victoria Harbour	5	1,116	779	2	2	0	0	0	0	0
Wabush	37	123	225	491	366	320	5	0	0	0
Whitecourt	458	12	30	12	4	6	0	0	0	0
Williams Lake	70	4	10	364	12	0	0	0	0	0
<b>Total of all flight service stations (51)</b>	<b>10,709</b>	<b>4,837</b>	<b>12,497</b>	<b>7,539</b>	<b>5,653</b>	<b>7,322</b>	<b>1,543</b>	<b>90</b>	<b>261</b>	<b>234</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	2,725	386	1,683	60	490	46	60
Transborder	40	5	13	1	21	0	0
Other international	6	6	0	0	0	0	0
<b>Total</b>	<b>2,771</b>	<b>397</b>	<b>1,696</b>	<b>61</b>	<b>511</b>	<b>46</b>	<b>60</b>
<b>Boundary Bay</b>							
Domestic	2,457	3	508	1,225	701	18	2
Transborder	20	1	0	0	19	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,477</b>	<b>4</b>	<b>508</b>	<b>1,225</b>	<b>720</b>	<b>18</b>	<b>2</b>
<b>Calgary International</b>							
Domestic	14,466	12,500	567	402	832	138	27
Transborder	3,191	2,804	121	14	247	1	4
Other international	674	669	3	0	2	0	0
<b>Total</b>	<b>18,331</b>	<b>15,973</b>	<b>691</b>	<b>416</b>	<b>1,081</b>	<b>139</b>	<b>31</b>
<b>Calgary/Springbank</b>							
Domestic	3,888	13	652	2,208	999	11	5
Transborder	102	1	17	2	82	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>3,990</b>	<b>14</b>	<b>669</b>	<b>2,210</b>	<b>1,081</b>	<b>11</b>	<b>5</b>
<b>Chicoutimi/St-Honoré</b>							
Domestic	1,326	373	20	891	38	0	4
Transborder	2	0	0	0	2	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,328</b>	<b>373</b>	<b>20</b>	<b>891</b>	<b>40</b>	<b>0</b>	<b>4</b>
<b>Edmonton City Centre</b>							
Domestic	3,812	1,105	453	1,141	579	521	13
Transborder	20	3	7	0	10	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>3,832</b>	<b>1,108</b>	<b>460</b>	<b>1,141</b>	<b>589</b>	<b>521</b>	<b>13</b>
<b>Edmonton International</b>							
Domestic	9,628	8,594	305	99	603	3	24
Transborder	1,361	1,280	10	9	54	0	8
Other international	280	274	0	2	4	0	0
<b>Total</b>	<b>11,269</b>	<b>10,148</b>	<b>315</b>	<b>110</b>	<b>661</b>	<b>3</b>	<b>32</b>
<b>Edmonton/Villeneuve</b>							
Domestic	646	10	83	336	215	2	0
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>647</b>	<b>10</b>	<b>83</b>	<b>336</b>	<b>216</b>	<b>2</b>	<b>0</b>
<b>Fort McMurray</b>							
Domestic	3,722	1,881	1,124	34	635	38	10
Transborder	5	1	1	0	3	0	0
Other international	7	7	0	0	0	0	0
<b>Total</b>	<b>3,734</b>	<b>1,889</b>	<b>1,125</b>	<b>34</b>	<b>638</b>	<b>38</b>	<b>10</b>
<b>Fredericton International</b>							
Domestic	3,057	617	2,340	4	59	30	7
Transborder	3	0	0	0	0	2	1
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>3,060</b>	<b>617</b>	<b>2,340</b>	<b>4</b>	<b>59</b>	<b>32</b>	<b>8</b>
<b>Gander International</b>							
Domestic	1,179	966	57	71	16	27	42
Transborder	89	20	0	13	35	0	21
Other international	96	27	2	9	35	0	23
<b>Total</b>	<b>1,364</b>	<b>1,013</b>	<b>59</b>	<b>93</b>	<b>86</b>	<b>27</b>	<b>86</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	4,473	3,858	301	94	122	30	68
Transborder	679	597	1	7	58	1	15
Other international	293	275	2	3	4	0	9
<b>Total</b>	<b>5,445</b>	<b>4,730</b>	<b>304</b>	<b>104</b>	<b>184</b>	<b>31</b>	<b>92</b>
<b>Hamilton</b>							
Domestic	1,080	825	75	54	76	50	0
Transborder	544	435	28	0	81	0	0
Other international	83	71	8	0	4	0	0
<b>Total</b>	<b>1,707</b>	<b>1,331</b>	<b>111</b>	<b>54</b>	<b>161</b>	<b>50</b>	<b>0</b>
<b>Kelowna</b>							
Domestic	3,228	2,141	469	257	283	57	21
Transborder	395	305	4	1	85	0	0
Other international	58	56	0	2	0	0	0
<b>Total</b>	<b>3,681</b>	<b>2,502</b>	<b>473</b>	<b>260</b>	<b>368</b>	<b>57</b>	<b>21</b>
<b>Kitchener/Waterloo</b>							
Domestic	2,055	304	1,354	27	359	6	5
Transborder	223	120	25	0	78	0	0
Other international	13	8	4	0	1	0	0
<b>Total</b>	<b>2,291</b>	<b>432</b>	<b>1,383</b>	<b>27</b>	<b>438</b>	<b>6</b>	<b>5</b>
<b>Langley</b>							
Domestic	1,236	3	94	653	473	13	0
Transborder	2	0	0	0	2	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,238</b>	<b>3</b>	<b>94</b>	<b>653</b>	<b>475</b>	<b>13</b>	<b>0</b>
<b>London</b>							
Domestic	2,101	787	135	808	325	46	0
Transborder	166	114	8	1	42	1	0
Other international	51	51	0	0	0	0	0
<b>Total</b>	<b>2,318</b>	<b>952</b>	<b>143</b>	<b>809</b>	<b>367</b>	<b>47</b>	<b>0</b>
<b>Moncton/Greater Moncton International</b>							
Domestic	2,477	1,288	981	16	60	130	2
Transborder	65	57	0	0	7	1	0
Other international	32	32	0	0	0	0	0
<b>Total</b>	<b>2,574</b>	<b>1,377</b>	<b>981</b>	<b>16</b>	<b>67</b>	<b>131</b>	<b>2</b>
<b>Montréal/Pierre Elliott Trudeau International</b>							
Domestic	9,036	7,669	531	171	501	164	0
Transborder	5,511	5,069	130	17	295	0	0
Other international	2,270	2,221	26	1	22	0	0
<b>Total</b>	<b>16,817</b>	<b>14,959</b>	<b>687</b>	<b>189</b>	<b>818</b>	<b>164</b>	<b>0</b>
<b>Montréal/St-Hubert</b>							
Domestic	3,279	1,614	315	683	504	68	95
Transborder	122	18	3	1	99	1	0
Other international	3	0	0	0	3	0	0
<b>Total</b>	<b>3,404</b>	<b>1,632</b>	<b>318</b>	<b>684</b>	<b>606</b>	<b>69</b>	<b>95</b>
<b>Oshawa</b>							
Domestic	1,205	25	50	775	279	71	5
Transborder	36	5	5	3	23	0	0
Other international	2	0	2	0	0	0	0
<b>Total</b>	<b>1,243</b>	<b>30</b>	<b>57</b>	<b>778</b>	<b>302</b>	<b>71</b>	<b>5</b>
<b>Ottawa/Macdonald-Cartier International</b>							
Domestic	6,887	4,719	174	1,448	179	254	113
Transborder	1,788	1,658	16	3	84	9	18
Other international	470	460	4	1	1	0	4
<b>Total</b>	<b>9,145</b>	<b>6,837</b>	<b>194</b>	<b>1,452</b>	<b>264</b>	<b>263</b>	<b>135</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	1,570	2	608	254	685	18	3
Transborder	8	0	0	0	8	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,578</b>	<b>2</b>	<b>608</b>	<b>254</b>	<b>693</b>	<b>18</b>	<b>3</b>
<b>Prince George</b>							
Domestic	1,460	1,027	237	8	132	56	0
Transborder	12	1	0	0	11	0	0
Other international	11	11	0	0	0	0	0
<b>Total</b>	<b>1,483</b>	<b>1,039</b>	<b>237</b>	<b>8</b>	<b>143</b>	<b>56</b>	<b>0</b>
<b>Québec/Jean Lesage International</b>							
Domestic	5,374	3,021	1,264	418	376	242	53
Transborder	543	473	1	5	64	0	0
Other international	308	305	0	1	2	0	0
<b>Total</b>	<b>6,225</b>	<b>3,799</b>	<b>1,265</b>	<b>424</b>	<b>442</b>	<b>242</b>	<b>53</b>
<b>Regina International</b>							
Domestic	2,698	1,794	490	40	219	106	49
Transborder	361	312	7	2	39	0	1
Other international	137	136	0	0	1	0	0
<b>Total</b>	<b>3,196</b>	<b>2,242</b>	<b>497</b>	<b>42</b>	<b>259</b>	<b>106</b>	<b>50</b>
<b>Saskatoon/John G. Diefenbaker International</b>							
Domestic	4,428	2,857	809	248	225	241	48
Transborder	324	272	15	1	34	2	0
Other international	122	122	0	0	0	0	0
<b>Total</b>	<b>4,874</b>	<b>3,251</b>	<b>824</b>	<b>249</b>	<b>259</b>	<b>243</b>	<b>48</b>
<b>Sault Ste. Marie</b>							
Domestic	1,858	963	29	804	34	17	11
Transborder	24	4	2	0	17	0	1
Other international	4	4	0	0	0	0	0
<b>Total</b>	<b>1,886</b>	<b>971</b>	<b>31</b>	<b>804</b>	<b>51</b>	<b>17</b>	<b>12</b>
<b>St. John's International</b>							
Domestic	2,421	1,521	303	353	31	178	35
Transborder	127	53	0	5	19	0	50
Other international	128	52	2	9	7	0	58
<b>Total</b>	<b>2,676</b>	<b>1,626</b>	<b>305</b>	<b>367</b>	<b>57</b>	<b>178</b>	<b>143</b>
<b>St-Jean</b>							
Domestic	329	8	83	57	131	0	50
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>329</b>	<b>8</b>	<b>83</b>	<b>57</b>	<b>131</b>	<b>0</b>	<b>50</b>
<b>Thunder Bay</b>							
Domestic	4,679	3,037	145	1,203	132	118	44
Transborder	56	39	0	0	16	0	1
Other international	25	24	1	0	0	0	0
<b>Total</b>	<b>4,760</b>	<b>3,100</b>	<b>146</b>	<b>1,203</b>	<b>148</b>	<b>118</b>	<b>45</b>
<b>Toronto/Billy Bishop Toronto City</b>							
Domestic	4,241	3,310	273	545	105	4	4
Transborder	1,285	1,234	2	2	47	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>5,526</b>	<b>4,544</b>	<b>275</b>	<b>547</b>	<b>152</b>	<b>4</b>	<b>4</b>
<b>Toronto/Buttonville Municipal</b>							
Domestic	2,071	130	1,002	6	849	84	0
Transborder	84	18	16	1	49	0	0
Other international	2	1	0	0	1	0	0
<b>Total</b>	<b>2,157</b>	<b>149</b>	<b>1,018</b>	<b>7</b>	<b>899</b>	<b>84</b>	<b>0</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	12,292	11,693	249	14	311	18	7
Transborder	14,238	13,344	260	6	624	0	4
Other international	5,053	4,964	56	9	23	0	1
<b>Total</b>	<b>31,583</b>	<b>30,001</b>	<b>565</b>	<b>29</b>	<b>958</b>	<b>18</b>	<b>12</b>
<b>Vancouver Harbour</b>							
Domestic	2,979	2,736	221	2	20	0	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,979</b>	<b>2,736</b>	<b>221</b>	<b>2</b>	<b>20</b>	<b>0</b>	<b>0</b>
<b>Vancouver International</b>							
Domestic	15,642	13,821	1,313	54	255	185	14
Transborder	3,880	3,616	40	15	209	0	0
Other international	1,438	1,418	7	6	3	0	4
<b>Total</b>	<b>20,960</b>	<b>18,855</b>	<b>1,360</b>	<b>75</b>	<b>467</b>	<b>185</b>	<b>18</b>
<b>Victoria International</b>							
Domestic	4,957	2,204	1,939	190	521	36	67
Transborder	516	392	25	5	89	0	5
Other international	39	39	0	0	0	0	0
<b>Total</b>	<b>5,512</b>	<b>2,635</b>	<b>1,964</b>	<b>195</b>	<b>610</b>	<b>36</b>	<b>72</b>
<b>Whitehorse International</b>							
Domestic	1,182	658	371	0	103	16	34
Transborder	13	2	1	0	7	0	3
Other international	2	1	0	0	1	0	0
<b>Total</b>	<b>1,197</b>	<b>661</b>	<b>372</b>	<b>0</b>	<b>111</b>	<b>16</b>	<b>37</b>
<b>Windsor</b>							
Domestic	960	393	418	6	141	2	0
Transborder	62	17	20	0	25	0	0
Other international	18	15	2	0	1	0	0
<b>Total</b>	<b>1,040</b>	<b>425</b>	<b>440</b>	<b>6</b>	<b>167</b>	<b>2</b>	<b>0</b>
<b>Winnipeg/James Armstrong Richardson International</b>							
Domestic	7,168	6,163	235	28	152	405	185
Transborder	982	871	17	23	64	3	4
Other international	267	260	3	1	2	0	1
<b>Total</b>	<b>8,417</b>	<b>7,294</b>	<b>255</b>	<b>52</b>	<b>218</b>	<b>408</b>	<b>190</b>
<b>Winnipeg/St. Andrews</b>							
Domestic	2,376	417	1,274	499	186	0	0
Transborder	4	0	2	0	2	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,380</b>	<b>417</b>	<b>1,276</b>	<b>499</b>	<b>188</b>	<b>0</b>	<b>0</b>
<b>Yellowknife</b>							
Domestic	3,173	2,385	348	243	41	58	98
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>3,173</b>	<b>2,385</b>	<b>348</b>	<b>243</b>	<b>41</b>	<b>58</b>	<b>98</b>
<b>Total of NAV CANADA towers (42)</b>							
Domestic	165,821	107,821	23,882	16,429	12,977	3,507	1,205
Transborder	36,884	33,141	797	137	2,652	21	136
Other international	11,892	11,509	122	44	117	0	100
<b>Total</b>	<b>214,597</b>	<b>152,471</b>	<b>24,801</b>	<b>16,610</b>	<b>15,746</b>	<b>3,528</b>	<b>1,441</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	369	100	134	10	86	26	13
Transborder	5	0	0	0	5	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>374</b>	<b>100</b>	<b>134</b>	<b>10</b>	<b>91</b>	<b>26</b>	<b>13</b>
<b>Campbell River</b>							
Domestic	826	520	79	55	157	15	0
Transborder	15	2	1	0	12	0	0
Other international	2	0	0	0	2	0	0
<b>Total</b>	<b>843</b>	<b>522</b>	<b>80</b>	<b>55</b>	<b>171</b>	<b>15</b>	<b>0</b>
<b>Castlegar</b>							
Domestic	414	170	80	126	38	0	0
Transborder	19	2	0	0	17	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>433</b>	<b>172</b>	<b>80</b>	<b>126</b>	<b>55</b>	<b>0</b>	<b>0</b>
<b>Charlottetown</b>							
Domestic	602	428	26	4	91	50	3
Transborder	7	4	0	0	3	0	0
Other international	6	6	0	0	0	0	0
<b>Total</b>	<b>615</b>	<b>438</b>	<b>26</b>	<b>4</b>	<b>94</b>	<b>50</b>	<b>3</b>
<b>Churchill</b>							
Domestic	600	568	12	2	4	14	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>600</b>	<b>568</b>	<b>12</b>	<b>2</b>	<b>4</b>	<b>14</b>	<b>0</b>
<b>Cranbrook</b>							
Domestic	838	633	18	50	114	10	13
Transborder	2	0	1	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>840</b>	<b>633</b>	<b>19</b>	<b>50</b>	<b>115</b>	<b>10</b>	<b>13</b>
<b>Deer Lake</b>							
Domestic	1,176	698	35	339	19	63	22
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,176</b>	<b>698</b>	<b>35</b>	<b>339</b>	<b>19</b>	<b>63</b>	<b>22</b>
<b>Fort Nelson</b>							
Domestic	970	410	505	1	28	0	26
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>971</b>	<b>410</b>	<b>505</b>	<b>1</b>	<b>29</b>	<b>0</b>	<b>26</b>
<b>Fort St. John</b>							
Domestic	1,289	756	319	6	188	16	4
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,289</b>	<b>756</b>	<b>319</b>	<b>6</b>	<b>188</b>	<b>16</b>	<b>4</b>
<b>Grande Prairie</b>							
Domestic	1,949	1,005	535	7	377	16	9
Transborder	5	0	0	1	4	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,954</b>	<b>1,005</b>	<b>535</b>	<b>8</b>	<b>381</b>	<b>16</b>	<b>9</b>
<b>High Level</b>							
Domestic	406	303	74	2	17	10	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>406</b>	<b>303</b>	<b>74</b>	<b>2</b>	<b>17</b>	<b>10</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	322	262	22	0	2	34	2
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>322</b>	<b>262</b>	<b>22</b>	<b>0</b>	<b>2</b>	<b>34</b>	<b>2</b>
<b>Inuvik/Mike Zubko</b>							
Domestic	650	464	93	52	0	26	15
Transborder	2	0	0	0	2	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>652</b>	<b>464</b>	<b>93</b>	<b>52</b>	<b>2</b>	<b>26</b>	<b>15</b>
<b>Iqaluit</b>							
Domestic	1,125	1,001	38	29	23	26	8
Transborder	9	3	0	1	5	0	0
Other international	35	13	0	4	17	0	1
<b>Total</b>	<b>1,169</b>	<b>1,017</b>	<b>38</b>	<b>34</b>	<b>45</b>	<b>26</b>	<b>9</b>
<b>Kamloops</b>							
Domestic	1,557	887	361	68	199	40	2
Transborder	34	5	0	1	28	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,591</b>	<b>892</b>	<b>361</b>	<b>69</b>	<b>227</b>	<b>40</b>	<b>2</b>
<b>Kenora</b>							
Domestic	584	361	68	119	20	2	14
Transborder	1	1	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>585</b>	<b>362</b>	<b>68</b>	<b>119</b>	<b>20</b>	<b>2</b>	<b>14</b>
<b>Kingston</b>							
Domestic	1,127	398	242	214	208	14	51
Transborder	35	0	6	0	29	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,162</b>	<b>398</b>	<b>248</b>	<b>214</b>	<b>237</b>	<b>14</b>	<b>51</b>
<b>Kuujuuaq</b>							
Domestic	776	709	33	2	6	18	8
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>776</b>	<b>709</b>	<b>33</b>	<b>2</b>	<b>6</b>	<b>18</b>	<b>8</b>
<b>La Grande Rivière</b>							
Domestic	550	414	95	19	16	6	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>550</b>	<b>414</b>	<b>95</b>	<b>19</b>	<b>16</b>	<b>6</b>	<b>0</b>
<b>La Ronge</b>							
Domestic	1,170	1,082	18	4	20	44	2
Transborder	1	0	0	0	0	1	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,171</b>	<b>1,082</b>	<b>18</b>	<b>4</b>	<b>20</b>	<b>45</b>	<b>2</b>
<b>Lethbridge</b>							
Domestic	1,139	451	26	395	232	20	15
Transborder	73	2	8	2	58	0	3
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,212</b>	<b>453</b>	<b>34</b>	<b>397</b>	<b>290</b>	<b>20</b>	<b>18</b>
<b>Lloydminster</b>							
Domestic	568	177	181	11	176	5	18
Transborder	1	1	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>569</b>	<b>178</b>	<b>181</b>	<b>11</b>	<b>176</b>	<b>5</b>	<b>18</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	1,029	580	118	146	155	12	18	
Transborder	7	3	0	0	4	0	0	
Other international	1	0	1	0	0	0	0	
<b>Total</b>	<b>1,037</b>	<b>583</b>	<b>119</b>	<b>146</b>	<b>159</b>	<b>12</b>	<b>18</b>	
<b>Mont-Joli</b>								
Domestic	595	447	73	32	17	26	0	
Transborder	0	0	0	0	0	0	0	
Other international	0	0	0	0	0	0	0	
<b>Total</b>	<b>595</b>	<b>447</b>	<b>73</b>	<b>32</b>	<b>17</b>	<b>26</b>	<b>0</b>	
<b>Montréal/Mirabel International</b>								
Domestic	734	444	68	0	196	2	24	
Transborder	194	189	0	0	5	0	0	
Other international	3	2	0	0	1	0	0	
<b>Total</b>	<b>931</b>	<b>635</b>	<b>68</b>	<b>0</b>	<b>202</b>	<b>2</b>	<b>24</b>	
<b>Nanaimo</b>								
Domestic	1,020	371	347	8	276	13	5	
Transborder	20	6	3	0	11	0	0	
Other international	0	0	0	0	0	0	0	
<b>Total</b>	<b>1,040</b>	<b>377</b>	<b>350</b>	<b>8</b>	<b>287</b>	<b>13</b>	<b>5</b>	
<b>Norman Wells</b>								
Domestic	770	613	143	0	0	14	0	
Transborder	0	0	0	0	0	0	0	
Other international	0	0	0	0	0	0	0	
<b>Total</b>	<b>770</b>	<b>613</b>	<b>143</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>0</b>	
<b>North Bay</b>								
Domestic	1,100	593	216	146	115	16	14	
Transborder	14	11	0	1	2	0	0	
Other international	5	5	0	0	0	0	0	
<b>Total</b>	<b>1,119</b>	<b>609</b>	<b>216</b>	<b>147</b>	<b>117</b>	<b>16</b>	<b>14</b>	
<b>Ottawa/Gatineau</b>								
Domestic	641	102	89	79	355	8	8	
Transborder	4	0	0	0	4	0	0	
Other international	0	0	0	0	0	0	0	
<b>Total</b>	<b>645</b>	<b>102</b>	<b>89</b>	<b>79</b>	<b>359</b>	<b>8</b>	<b>8</b>	
<b>Peace River</b>								
Domestic	464	365	60	2	33	2	2	
Transborder	0	0	0	0	0	0	0	
Other international	0	0	0	0	0	0	0	
<b>Total</b>	<b>464</b>	<b>365</b>	<b>60</b>	<b>2</b>	<b>33</b>	<b>2</b>	<b>2</b>	
<b>Penticton</b>								
Domestic	684	190	253	34	145	7	55	
Transborder	7	1	0	0	6	0	0	
Other international	1	1	0	0	0	0	0	
<b>Total</b>	<b>692</b>	<b>192</b>	<b>253</b>	<b>34</b>	<b>151</b>	<b>7</b>	<b>55</b>	
<b>Port Hardy</b>								
Domestic	511	402	24	2	23	50	10	
Transborder	7	0	0	0	7	0	0	
Other international	0	0	0	0	0	0	0	
<b>Total</b>	<b>518</b>	<b>402</b>	<b>24</b>	<b>2</b>	<b>30</b>	<b>50</b>	<b>10</b>	
<b>Prince Albert</b>								
Domestic	1,457	1,205	35	4	64	94	55	
Transborder	2	0	0	0	2	0	0	
Other international	0	0	0	0	0	0	0	
<b>Total</b>	<b>1,459</b>	<b>1,205</b>	<b>35</b>	<b>4</b>	<b>66</b>	<b>94</b>	<b>55</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	160	154	2	0	2	2	0
Transborder	2	0	0	0	2	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>162</b>	<b>154</b>	<b>2</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>0</b>
<b>Rankin Inlet</b>							
Domestic	927	914	0	0	5	8	0
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>928</b>	<b>914</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>8</b>	<b>0</b>
<b>Red Deer Regional</b>							
Domestic	1,531	188	527	149	625	36	6
Transborder	15	0	3	0	12	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,546</b>	<b>188</b>	<b>530</b>	<b>149</b>	<b>637</b>	<b>36</b>	<b>6</b>
<b>Rouyn-Noranda</b>							
Domestic	986	681	198	4	79	24	0
Transborder	0	0	0	0	0	0	0
Other international	8	8	0	0	0	0	0
<b>Total</b>	<b>994</b>	<b>689</b>	<b>198</b>	<b>4</b>	<b>79</b>	<b>24</b>	<b>0</b>
<b>Saint John</b>							
Domestic	800	575	41	34	143	0	7
Transborder	54	3	0	0	51	0	0
Other international	17	11	0	0	6	0	0
<b>Total</b>	<b>871</b>	<b>589</b>	<b>41</b>	<b>34</b>	<b>200</b>	<b>0</b>	<b>7</b>
<b>Sept-Îles</b>							
Domestic	2,046	1,096	525	272	54	64	35
Transborder	4	1	0	0	3	0	0
Other international	2	0	0	0	2	0	0
<b>Total</b>	<b>2,052</b>	<b>1,097</b>	<b>525</b>	<b>272</b>	<b>59</b>	<b>64</b>	<b>35</b>
<b>Sioux Lookout</b>							
Domestic	2,262	1,851	127	236	12	34	2
Transborder	1	1	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,263</b>	<b>1,852</b>	<b>127</b>	<b>236</b>	<b>12</b>	<b>34</b>	<b>2</b>
<b>Smithers</b>							
Domestic	482	323	120	4	23	12	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>482</b>	<b>323</b>	<b>120</b>	<b>4</b>	<b>23</b>	<b>12</b>	<b>0</b>
<b>St. Catharines</b>							
Domestic	569	1	375	13	152	28	0
Transborder	18	3	2	0	13	0	0
Other international	1	1	0	0	0	0	0
<b>Total</b>	<b>588</b>	<b>5</b>	<b>377</b>	<b>13</b>	<b>165</b>	<b>28</b>	<b>0</b>
<b>Sudbury</b>							
Domestic	2,031	1,432	238	146	153	51	11
Transborder	7	3	1	0	3	0	0
Other international	1	1	0	0	0	0	0
<b>Total</b>	<b>2,039</b>	<b>1,436</b>	<b>239</b>	<b>146</b>	<b>156</b>	<b>51</b>	<b>11</b>
<b>Terrace</b>							
Domestic	887	475	358	3	24	27	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>887</b>	<b>475</b>	<b>358</b>	<b>3</b>	<b>24</b>	<b>27</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	1,999	1,571	305	4	19	100	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,999</b>	<b>1,571</b>	<b>305</b>	<b>4</b>	<b>19</b>	<b>100</b>	<b>0</b>
<b>Timmins</b>							
Domestic	1,910	1,664	87	4	82	43	30
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,911</b>	<b>1,664</b>	<b>87</b>	<b>4</b>	<b>83</b>	<b>43</b>	<b>30</b>
<b>Val-d'Or</b>							
Domestic	980	785	43	10	110	32	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>980</b>	<b>785</b>	<b>43</b>	<b>10</b>	<b>110</b>	<b>32</b>	<b>0</b>
<b>Victoria Harbour</b>							
Domestic	1,787	1,702	2	0	3	78	2
Transborder	117	117	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,904</b>	<b>1,819</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>78</b>	<b>2</b>
<b>Wabush</b>							
Domestic	1,566	939	146	394	44	26	17
Transborder	1	1	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,567</b>	<b>940</b>	<b>146</b>	<b>394</b>	<b>44</b>	<b>26</b>	<b>17</b>
<b>Whitecourt</b>							
Domestic	521	38	276	111	88	4	4
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>522</b>	<b>38</b>	<b>276</b>	<b>111</b>	<b>89</b>	<b>4</b>	<b>4</b>
<b>Williams Lake</b>							
Domestic	459	376	49	4	26	4	0
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>460</b>	<b>376</b>	<b>49</b>	<b>4</b>	<b>27</b>	<b>4</b>	<b>0</b>
<b>Total of all flight service stations (51)</b>							
Domestic	49,915	31,874	7,839	3,356	5,044	1,272	530
Transborder	688	359	25	6	294	1	3
Other international	82	48	1	4	28	0	1
<b>Total</b>	<b>50,685</b>	<b>32,281</b>	<b>7,865</b>	<b>3,366</b>	<b>5,366</b>	<b>1,273</b>	<b>534</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	11	8,787	13	13	124	13	667
Boundary Bay	18	6,213	16	13	90	16	520
Calgary International	3	18,425	14	18	64	14	786
Calgary/Springbank	7	10,584	22	11	109	22	600
Chicoutimi/St-Honoré	22	5,140	21	18	139	22	592
Edmonton City Centre	24	4,510	6	11	46	28	232
Edmonton International	5	11,639	4	12	47	14	539
Edmonton/Villeneuve	28	4,309	28	15	80	28	403
Fort McMurray	30	4,266	13	16	46	13	265
Fredericton International	14	7,518	11	10	69	19	597
Gander International	36	2,466	16	8	38	6	239
Halifax/Robert L. Stanfield International	19	5,701	19	10	30	19	276
Hamilton	37	2,191	13	16	23	13	150
Kelowna	20	5,555	15	15	64	15	353
Kitchener/Waterloo	23	5,065	13	9	99	13	602
Langley	35	2,674	15	13	59	10	248
London	25	4,500	7	9	64	25	408
Moncton/Greater Moncton International	31	3,876	15	14	47	23	381
Montréal/Pierre Elliott Trudeau International	4	16,885	14	18	59	22	702
Montréal/St-Hubert	13	7,854	14	11	134	14	1,129
Oshawa	38	2,067	5	9	59	18	214
Ottawa/Macdonald-Cartier International	6	11,279	7	12	96	13	555
Pitt Meadows	27	4,394	10	15	80	10	490
Prince George	39	1,939	12	14	49	20	143
Québec/Jean Lesage International	12	8,179	22	9	86	22	543
Regina International	26	4,458	9	10	48	16	263
Saskatoon/John G. Diefenbaker International	16	6,868	22	11	56	22	377
Sault Ste. Marie	32	3,668	17	10	62	17	373
St. John's International	34	2,868	16	17	18	15	164
St-Jean	42	1,065	16	15	40	16	170
Thunder Bay	10	9,184	15	19	98	15	710
Toronto/Billy Bishop Toronto City	17	6,716	25	19	61	25	361
Toronto/Buttonville Municipal	21	5,381	13	12	106	13	733
Toronto/Lester B. Pearson International	1	31,655	5	18	103	15	1,334
Vancouver Harbour	33	2,981	19	16	25	8	154
Vancouver International	2	20,974	13	16	73	1	859
Victoria International	8	9,686	6	12	93	19	525
Whitehorse International	40	1,849	6	10	38	6	157
Windsor	41	1,548	15	13	40	7	131
Winnipeg/James Armstrong Richardson International	9	9,261	13	9	53	19	433
Winnipeg/St. Andrews	15	7,478	11	14	88	11	608
Yellowknife	29	4,297	14	15	53	26	236

**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	38	813	28	12	27	25	85
Campbell River	16	1,691	17	13	44	17	208
Castlegar	41	665	14	16	23	1	69
Charlottetown	40	721	26	18	19	26	72
Churchill	43	600	8	9	7	1	35
Cranbrook	33	977	2	13	17	2	71
Deer Lake	25	1,294	14	15	27	18	90
Fort Nelson	32	1,005	15	15	17	26	73
Fort St. John	21	1,443	11	16	29	12	80
Grande Prairie	3	2,968	23	14	44	28	180
High Level	49	424	18	19	11	27	33
Îles-de-la-Madeleine	50	328	1	11	5	19	19
Inuvik/Mike Zubko	39	724	6	15	14	6	45
Iqaluit	27	1,205	9	9	13	9	65
Kamloops	5	2,405	10	13	54	10	162
Kenora	37	831	5	15	26	5	69
Kingston	12	2,012	18	14	35	18	185
Kuujuuaq	36	854	13	14	18	13	60
La Grande Rivière	44	562	17	14	10	6	30
La Ronge	24	1,321	15	11	16	15	83
Lethbridge	9	2,102	20	15	39	8	146
Lloydminster	26	1,271	6	16	29	8	115
Medicine Hat	23	1,397	22	19	24	27	81
Mont-Joli	42	625	23	10	7	12	33
Montréal/Mirabel International	6	2,387	22	11	44	12	166
Nanaimo	17	1,582	2	14	42	2	119
Norman Wells	35	862	5	15	17	6	52
North Bay	7	2,373	4	15	55	6	218
Ottawa/Gatineau	10	2,079	10	11	46	10	232
Peace River	46	500	18	12	12	25	41
Penticton	19	1,552	19	11	44	19	136
Port Hardy	45	550	15	10	14	15	39
Prince Albert	20	1,491	11	10	27	11	101
Prince Rupert	51	162	15	10	7	21	14
Rankin Inlet	34	944	18	17	95	18	124
Red Deer Regional	1	3,038	24	13	59	8	276
Rouyn-Noranda	31	1,040	22	16	21	26	78
Saint John	29	1,127	10	18	21	26	111
Sept-Îles	2	3,006	23	10	62	23	216
Sioux Lookout	8	2,371	16	14	25	6	127
Smithers	47	498	27	11	20	27	40
St. Catharines	28	1,152	6	16	36	25	174
Sudbury	4	2,559	24	16	38	6	171
Terrace	22	1,409	11	10	27	25	147
Thompson	11	2,049	14	15	21	21	116
Timmins	13	1,955	13	11	21	12	115
Val-d'Or	30	1,118	13	14	25	13	102
Victoria Harbour	14	1,906	13	8	18	21	102
Wabush	18	1,581	28	10	18	28	86
Whitecourt	15	1,707	5	15	51	11	164
Williams Lake	48	490	17	14	18	17	41

**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	23	2,771	2	11	24	19	216
Boundary Bay	26	2,477	10	14	40	10	254
Calgary International	3	18,331	14	18	64	14	784
Calgary/Springbank	14	3,990	16	13	38	21	243
Chicoutimi/St-Honoré	36	1,328	19	9	16	22	122
Edmonton City Centre	15	3,832	5	13	25	28	226
Edmonton International	5	11,269	27	8	46	14	517
Edmonton/Villeneuve	41	647	10	15	13	24	55
Fort McMurray	16	3,734	21	8	26	13	207
Fredericton International	21	3,060	11	12	19	19	235
Gander International	35	1,364	24	13	13	24	121
Halifax/Robert L. Stanfield International	11	5,445	25	20	23	25	253
Hamilton	32	1,707	22	1	11	26	90
Kelowna	17	3,681	8	14	21	8	178
Kitchener/Waterloo	29	2,291	13	16	30	13	238
Langley	38	1,238	10	15	30	10	150
London	28	2,318	6	16	22	6	196
Moncton/Greater Moncton International	25	2,574	19	15	20	23	177
Montréal/Pierre Elliott Trudeau International	4	16,817	14	18	59	22	698
Montréal/St-Hubert	18	3,404	16	15	46	14	341
Oshawa	37	1,243	18	13	38	18	160
Ottawa/Macdonald-Cartier International	6	9,145	22	15	41	1	424
Pitt Meadows	33	1,578	2	15	33	10	188
Prince George	34	1,483	7	16	15	20	77
Québec/Jean Lesage International	8	6,225	7	16	32	22	343
Regina International	19	3,196	9	10	18	22	147
Saskatoon/John G. Diefenbaker International	12	4,874	12	15	25	22	249
Sault Ste. Marie	31	1,886	8	13	16	17	123
St. John's International	24	2,676	16	17	18	15	134
St-Jean	42	329	10	14	12	10	47
Thunder Bay	13	4,760	25	15	25	25	234
Toronto/Billy Bishop Toronto City	9	5,526	3	13	25	25	267
Toronto/Buttonville Municipal	30	2,157	6	15	28	6	238
Toronto/Lester B. Pearson International	1	31,583	5	18	103	15	1,334
Vancouver Harbour	22	2,979	19	16	25	8	154
Vancouver International	2	20,960	13	16	73	1	855
Victoria International	10	5,512	23	14	34	19	285
Whitehorse International	39	1,197	24	14	17	24	78
Windsor	40	1,040	9	12	11	6	64
Winnipeg/James Armstrong Richardson International	7	8,417	22	16	30	13	375
Winnipeg/St. Andrews	27	2,380	11	12	22	12	156
Yellowknife	20	3,173	14	15	21	6	159

**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	49	374	25	16	8	25	38
Campbell River	28	843	13	14	12	13	66
Castlegar	47	433	14	16	13	2	29
Charlottetown	35	615	26	19	9	26	38
Churchill	36	600	8	9	7	1	35
Cranbrook	29	840	2	13	7	2	47
Deer Lake	14	1,176	1	8	10	19	62
Fort Nelson	23	971	26	9	15	26	73
Fort St. John	12	1,289	13	11	12	20	70
Grande Prairie	5	1,954	1	15	13	27	106
High Level	48	406	20	11	9	20	31
Îles-de-la-Madeleine	50	322	1	11	5	19	19
Inuvik/Mike Zubko	33	652	22	13	8	27	35
Iqaluit	16	1,169	13	12	10	4	57
Kamloops	8	1,591	10	12	14	23	87
Kenora	39	585	28	12	7	28	43
Kingston	17	1,162	22	11	18	18	91
Kuujuuaq	30	776	4	11	7	11	44
La Grande Rivière	41	550	1	10	6	6	30
La Ronge	15	1,171	27	11	12	27	76
Lethbridge	13	1,212	21	15	12	8	70
Lloydminster	40	569	27	13	9	8	43
Medicine Hat	20	1,037	4	11	11	28	59
Mont-Joli	37	595	1	13	6	12	31
Montréal/Mirabel International	24	931	6	14	11	6	63
Nanaimo	19	1,040	2	14	24	2	63
Norman Wells	31	770	18	14	9	6	46
North Bay	18	1,119	4	14	14	26	80
Ottawa/Gatineau	34	645	16	13	13	16	77
Peace River	45	464	25	9	7	25	35
Penticton	32	692	15	15	9	20	47
Port Hardy	43	518	6	13	7	14	35
Prince Albert	11	1,459	8	16	15	27	82
Prince Rupert	51	162	15	10	7	21	14
Rankin Inlet	25	928	18	17	95	18	124
Red Deer Regional	10	1,546	16	12	25	8	104
Rouyn-Noranda	21	994	4	8	8	26	64
Saint John	27	871	10	18	9	26	59
Sept-Îles	2	2,052	25	10	21	25	126
Sioux Lookout	1	2,263	11	8	15	11	123
Smithers	44	482	4	13	7	25	29
St. Catharines	38	588	18	13	15	18	70
Sudbury	3	2,039	9	16	13	6	131
Terrace	26	887	7	10	11	25	65
Thompson	4	1,999	14	15	13	21	116
Timmins	6	1,911	12	15	13	12	101
Val-d'Or	22	980	9	14	9	26	57
Victoria Harbour	7	1,904	13	8	18	21	102
Wabush	9	1,567	24	13	14	28	74
Whitecourt	42	522	5	14	8	20	37
Williams Lake	46	460	1	10	8	1	24

**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	2	6,016	1	11	110	13	488
Boundary Bay	9	3,736	1	13	70	16	368
Calgary International	38	94	16	10	8	16	14
Calgary/Springbank	1	6,594	2	11	80	22	384
Chicoutimi/St-Honoré	8	3,812	21	18	134	21	476
Edmonton City Centre	29	678	6	11	32	17	68
Edmonton International	35	370	10	14	14	10	40
Edmonton/Villeneuve	10	3,662	28	15	78	28	380
Fort McMurray	31	532	13	16	28	13	58
Fredericton International	4	4,458	11	10	58	19	362
Gander International	25	1,102	15	22	32	6	158
Halifax/Robert L. Stanfield International	36	256	8	16	16	19	48
Hamilton	33	484	13	14	18	13	64
Kelowna	18	1,874	15	15	50	15	178
Kitchener/Waterloo	13	2,774	13	9	80	13	364
Langley	20	1,436	7	13	40	15	118
London	14	2,182	7	9	54	25	244
Moncton/Greater Moncton International	21	1,302	15	14	28	23	204
Montréal/Pierre Elliott Trudeau International	40	68	11	11	6	11	14
Montréal/St-Hubert	5	4,450	14	10	102	14	788
Oshawa	27	824	5	9	38	6	84
Ottawa/Macdonald-Cartier International	15	2,134	7	12	68	13	186
Pitt Meadows	12	2,816	16	15	58	10	302
Prince George	34	456	12	14	40	19	72
Québec/Jean Lesage International	17	1,954	22	9	70	22	200
Regina International	22	1,262	21	19	32	9	134
Saskatoon/John G. Diefenbaker International	16	1,994	2	16	44	2	170
Sault Ste. Marie	19	1,782	16	14	50	17	250
St. John's International	37	192	3	13	8	3	44
St-Jean	28	736	9	15	30	16	124
Thunder Bay	6	4,424	4	21	88	15	510
Toronto/Billy Bishop Toronto City	23	1,190	25	19	44	10	120
Toronto/Buttonville Municipal	11	3,224	13	12	78	13	504
Toronto/Lester B. Pearson International	39	72	16	18	14	16	22
Vancouver Harbour	42	2	2	15	2	2	2
Vancouver International	41	14	1	7	4	1	4
Victoria International	7	4,174	6	12	74	20	268
Whitehorse International	30	652	6	10	34	6	94
Windsor	32	508	15	13	36	7	70
Winnipeg/James Armstrong Richardson International	26	844	13	9	24	19	82
Winnipeg/St. Andrews	3	5,098	11	14	70	11	458
Yellowknife	24	1,124	24	14	34	24	92

**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	18	439	28	12	22	28	62
Campbell River	11	848	17	13	36	17	162
Castlegar	22	232	1	16	18	24	48
Charlottetown	29	106	19	15	16	26	34
Churchill	0	0	0	0	0	0	0
Cranbrook	26	137	15	9	14	11	30
Deer Lake	27	118	14	15	25	18	36
Fort Nelson	38	34	15	15	10	15	12
Fort St. John	23	154	11	16	22	24	32
Grande Prairie	6	1,014	23	14	36	23	100
High Level	43	18	18	19	10	18	10
Îles-de-la-Madeleine	48	6	27	10	2	27	6
Inuvik/Mike Zubko	32	72	4	15	12	4	14
Iqaluit	36	36	9	9	10	9	20
Kamloops	12	814	10	13	48	10	90
Kenora	21	246	5	15	22	5	38
Kingston	10	850	16	14	28	1	94
Kuujuuaq	31	78	13	14	16	23	22
La Grande Rivière	47	12	17	14	6	17	6
La Ronge	24	150	11	12	8	15	26
Lethbridge	8	890	20	15	32	19	92
Lloydminster	13	702	6	16	26	23	84
Medicine Hat	19	360	22	19	20	24	36
Mont-Joli	41	30	23	10	6	23	14
Montréal/Mirabel International	2	1,456	22	11	40	12	116
Nanaimo	15	542	2	13	26	1	62
Norman Wells	30	92	5	15	12	5	12
North Bay	4	1,254	4	15	50	6	144
Ottawa/Gatineau	3	1,434	10	11	42	10	166
Peace River	37	36	18	12	8	18	14
Penticton	9	860	19	11	42	19	102
Port Hardy	40	32	25	11	12	25	14
Prince Albert	39	32	11	10	26	11	32
Prince Rupert	0	0	0	0	0	0	0
Rankin Inlet	44	16	16	12	6	16	12
Red Deer Regional	1	1,492	24	13	46	8	172
Rouyn-Noranda	34	46	22	16	16	22	16
Saint John	20	256	19	16	14	26	52
Sept-Îles	7	954	23	10	52	23	148
Sioux Lookout	28	108	16	14	16	7	26
Smithers	45	16	27	11	16	27	16
St. Catharines	14	564	26	14	30	25	118
Sudbury	17	520	24	16	36	9	60
Terrace	16	522	11	10	24	25	82
Thompson	33	50	24	10	14	24	28
Timmins	35	44	12	12	12	12	14
Val-d'Or	25	138	13	14	20	13	56
Victoria Harbour	49	2	19	19	2	19	2
Wabush	46	14	28	10	12	28	12
Whitecourt	5	1,185	5	15	48	25	134
Williams Lake	42	30	17	14	12	17	18

**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	2	6,016	1	11	110	13	488
Boundary Bay	9	3,736	1	13	70	16	368
Calgary International	38	94	16	10	8	16	14
Calgary/Springbank	1	6,594	2	11	80	22	384
Chicoutimi/St-Honoré	8	3,806	21	18	134	21	476
Edmonton City Centre	29	678	6	11	32	17	68
Edmonton International	35	356	10	14	14	10	40
Edmonton/Villeneuve	10	3,662	28	15	78	28	380
Fort McMurray	31	530	13	16	28	13	58
Fredericton International	5	4,414	11	10	58	19	362
Gander International	24	1,102	15	22	32	6	158
Halifax/Robert L. Stanfield International	36	254	8	16	16	19	48
Hamilton	33	478	13	14	18	13	64
Kelowna	18	1,874	15	15	50	15	178
Kitchener/Waterloo	13	2,774	13	9	80	13	364
Langley	20	1,436	7	13	40	15	118
London	14	2,180	7	9	54	25	244
Moncton/Greater Moncton International	21	1,300	15	14	28	23	204
Montréal/Pierre Elliott Trudeau International	40	66	11	11	6	11	14
Montréal/St-Hubert	4	4,450	14	10	102	14	788
Oshawa	27	824	5	9	38	6	84
Ottawa/Macdonald-Cartier International	15	2,126	7	12	68	13	186
Pitt Meadows	12	2,816	16	15	58	10	302
Prince George	34	456	12	14	40	19	72
Québec/Jean Lesage International	16	1,952	22	9	70	22	200
Regina International	25	982	9	10	30	9	130
Saskatoon/John G. Diefenbaker International	17	1,928	2	16	44	2	170
Sault Ste. Marie	19	1,778	16	14	50	17	248
St. John's International	37	192	3	13	8	3	44
St-Jean	28	736	9	15	30	16	124
Thunder Bay	6	4,412	4	21	88	15	510
Toronto/Billy Bishop Toronto City	22	1,190	25	19	44	10	120
Toronto/Buttonville Municipal	11	3,224	13	12	78	13	504
Toronto/Lester B. Pearson International	39	72	16	18	14	16	22
Vancouver Harbour	42	2	2	15	2	2	2
Vancouver International	41	14	1	7	4	1	4
Victoria International	7	4,174	6	12	74	20	268
Whitehorse International	30	642	6	10	34	6	94
Windsor	32	508	15	13	36	7	70
Winnipeg/James Armstrong Richardson International	26	844	13	9	24	19	82
Winnipeg/St. Andrews	3	5,098	11	14	70	11	458
Yellowknife	23	1,122	24	14	34	24	92



**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	18	439	28	12	22	28	62
Campbell River	11	846	17	13	36	17	162
Castlegar	22	232	1	16	18	24	48
Charlottetown	29	102	19	15	16	26	34
Churchill	0	0	0	0	0	0	0
Cranbrook	26	137	15	9	14	11	30
Deer Lake	27	118	14	15	25	18	36
Fort Nelson	38	34	15	15	10	15	12
Fort St. John	23	154	11	16	22	24	32
Grande Prairie	6	1,014	23	14	36	23	100
High Level	43	18	18	19	10	18	10
Îles-de-la-Madeleine	48	6	27	10	2	27	6
Inuvik/Mike Zubko	32	72	4	15	12	4	14
Iqaluit	36	36	9	9	10	9	20
Kamloops	12	814	10	13	48	10	90
Kenora	21	246	5	15	22	5	38
Kingston	10	850	16	14	28	1	94
Kuuujuaq	31	78	13	14	16	23	22
La Grande Rivière	47	12	17	14	6	17	6
La Ronge	24	150	11	12	8	15	26
Lethbridge	8	860	20	15	32	19	92
Lloydminster	13	702	6	16	26	23	84
Medicine Hat	19	360	22	19	20	24	36
Mont-Joli	41	30	23	10	6	23	14
Montréal/Mirabel International	2	1,456	22	11	40	12	116
Nanaimo	15	540	2	13	26	1	62
Norman Wells	30	92	5	15	12	5	12
North Bay	4	1,252	4	15	50	6	144
Ottawa/Gatineau	3	1,434	10	11	42	10	166
Peace River	37	36	18	12	8	18	14
Penticton	9	860	19	11	42	19	102
Port Hardy	39	32	25	11	12	25	14
Prince Albert	40	32	11	10	26	11	32
Prince Rupert	0	0	0	0	0	0	0
Rankin Inlet	45	16	16	12	6	16	12
Red Deer Regional	1	1,490	24	13	46	8	172
Rouyn-Noranda	34	46	22	16	16	22	16
Saint John	20	256	19	16	14	26	52
Sept-Îles	7	954	23	10	52	23	148
Sioux Lookout	28	108	16	14	16	7	26
Smithers	44	16	27	11	16	27	16
St. Catharines	14	564	26	14	30	25	118
Sudbury	17	520	24	16	36	9	60
Terrace	16	522	11	10	24	25	82
Thompson	33	50	24	10	14	24	28
Timmins	35	44	12	12	12	12	14
Val-d'Or	25	138	13	14	20	13	56
Victoria Harbour	49	2	19	19	2	19	2
Wabush	46	14	28	10	12	28	12
Whitecourt	5	1,185	5	15	48	25	134
Williams Lake	42	30	17	14	12	17	18

**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	9	6	26	15	4	26	6
Edmonton City Centre	0	0	0	0	0	0	0
Edmonton International	4	14	5	12	6	5	8
Edmonton/Villeneuve	0	0	0	0	0	0	0
Fort McMurray	12	2	21	10	2	21	2
Fredericton International	3	44	22	10	18	22	42
Gander International	0	0	0	0	0	0	0
Halifax/Robert L. Stanfield International	11	2	6	14	2	6	2
Hamilton	8	6	10	15	4	10	4
Kelowna	0	0	0	0	0	0	0
Kitchener/Waterloo	0	0	0	0	0	0	0
Langley	0	0	0	0	0	0	0
London	15	2	12	10	2	12	2
Moncton/Greater Moncton International	14	2	14	10	2	14	2
Montréal/Pierre Elliott Trudeau International	13	2	10	14	2	10	2
Montréal/St-Hubert	0	0	0	0	0	0	0
Oshawa	0	0	0	0	0	0	0
Ottawa/Macdonald-Cartier International	7	8	9	11	6	9	6
Pitt Meadows	0	0	0	0	0	0	0
Prince George	0	0	0	0	0	0	0
Québec/Jean Lesage International	16	2	6	15	2	6	2
Regina International	1	280	18	22	16	20	50
Saskatoon/John G. Diefenbaker International	2	66	20	20	16	18	18
Sault Ste. Marie	10	4	13	14	2	13	2
St. John's International	0	0	0	0	0	0	0
St-Jean	0	0	0	0	0	0	0
Thunder Bay	5	12	7	16	6	7	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	0	0	0	0	0	0	0
Whitehorse International	6	10	22	15	6	22	6
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	17	2	13	17	2	13	2

**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	0	0	0	0	0	0	0
Campbell River	5	2	12	11	2	12	2
Castlegar	0	0	0	0	0	0	0
Charlottetown	2	4	6	13	2	6	2
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	0	0	0	0	0	0	0
Kenora	0	0	0	0	0	0	0
Kingston	0	0	0	0	0	0	0
Kuujuuaq	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	1	30	20	19	16	20	26
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	0	0	0	0	0	0	0
Nanaimo	4	2	10	12	2	10	2
Norman Wells	0	0	0	0	0	0	0
North Bay	3	2	1	11	2	1	2
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	6	2	15	17	2	15	2
Rouyn-Noranda	0	0	0	0	0	0	0
Saint John	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0

# Methodology

---

## 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

---

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

---

## Factors influencing the data

Significant winter storms struck eastern Canada and the Maritime provinces in December 2012 forcing numerous flight cancellations and delays.

Hurricane Sandy struck the northeastern United States and eastern Canada in October 2012 forcing numerous flight cancellations.

In June 2012, Porter Airlines commenced summer service to Mont Tremblant, with four weekly flights between Toronto/Billy Bishop Toronto City Airport and Mont Tremblant International Airport.

Starting in May 2012, WestJet launched a new non-stop seasonal service between Toronto/Lester B. Pearson International and Aruba, Netherlands Antilles. The airline also introduced daily non-stop flights to Chicago from both Calgary International and Vancouver International as well as from Vancouver International to Whitehorse International.

Beginning in April 2012, Porter Airlines increased weekday roundtrip flights from six to seven between Toronto/Billy Bishop Toronto City Airport and Boston's Logan International Airport.

In April 2012, Air Canada cancelled approximately 75 flights at Toronto/Lester B. Pearson International Airport due to a one day work action by the airline's pilots.

In March 2012, Air Canada experienced some delays and cancellations of flights departing Toronto/Lester B. Pearson International and Montreal/Pierre Elliot Trudeau International. This was due to a one day work action by Air Canada ground handling employees.

In January 2012, Porter Airlines started service from Toronto/Billy Bishop Toronto City Airport to Timmins, Ontario.

Beginning in December 2011, Porter Airlines added a new seasonal service from Toronto/Billy Bishop Toronto City Airport to Burlington, Vermont.

## Appendix II

---

### Glossary of terms

#### Air carrier

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

**Level I:** Effective 2010, this includes every Canadian air carrier that, in the calendar year immediately preceding the reporting year, transported at least 2 million revenue passengers or at least 400 thousand tonnes of cargo.

**Level II:** Effective 2010, this includes every Canadian air carrier that, in the calendar year immediately preceding the reporting year, transported at least 100 thousand, but fewer than 2 million revenue passengers, or at least 50 thousand but less than 400 thousand tonnes of cargo.

**Level III.** Effective 2010, this includes every Canadian air carrier not classified in reporting level I or II that, in the calendar year immediately preceding the reporting year, realized gross revenues of at least 2 million dollars for the provision of air services for which the air carrier held a licence.

**Level IV.** Effective 2010, this includes every Canadian air carrier not classified in reporting level I, II or III that, in the calendar year immediately preceding the reporting year, realized gross revenues of less than 2 million dollars for the provision of air services for which the air carrier held a licence.

#### Aircraft movement

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

#### Class of operation

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

#### Commercial

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

#### Domestic itinerant movements

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

#### FSS

Flight service station.



## Government-Civil

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

## Government-Military

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

## I.F.R. flight

A flight conducted in accordance with Instrument Flight Rules.

## International movements

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

## Itinerant movements

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

## Local movements

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

## Maximum take-off weight

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

## Other commercial

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

## **Power plant**

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

## **Private aircraft**

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

## **Runway 88**

Through control zone flights, i.e. flights which communicate with the tower while transiting the tower control zone to another destination without landing at the reporting airport.

Data for these runways are not included in the grand total.

## **Simulated approaches**

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

## **TC**

Transport Canada.

## **Tower control zone**

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

## **V.F.R. flight**

A flight conducted in accordance with Visual flight rules.

## **Weight group**

The classification of weight classes in groups for statistical purposes.