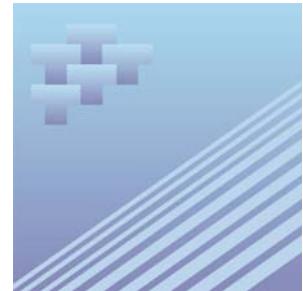


Catalogue no. 51-007-X

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



May 2011



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 at [www.statcan.gc.ca](http://www.statcan.gc.ca), e-mail us at [infostats@statcan.gc.ca](mailto:infostats@statcan.gc.ca), or telephone us, Monday to Friday from 8:30 a.m. to 4:30 p.m., at the following numbers:

### **Statistics Canada's National Contact Centre**

Toll-free telephone (Canada and the United States):

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

Local or international calls:

Inquiries line	1-613-951-8116
Fax line	1-613-951-0581

### **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 at [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, Statistics Canada 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 on [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)

May 2011

Published by authority of the Minister responsible for Statistics Canada

© Minister of Industry, 2011 and the © Minister of Transport, 2011

All rights reserved. The content of this electronic publication may be reproduced, in whole or in part, and by any means, without further permission from Statistics Canada, subject to the following conditions: that it be done solely for the purposes of private study, research, criticism, review or newspaper summary, and/or for non-commercial purposes; and that Statistics Canada be fully acknowledged as follows: Source (or "Adapted from", if appropriate): Statistics Canada, year of publication, name of product, catalogue number, volume and issue numbers, reference period and page(s). Otherwise, no part of this publication may be reproduced, stored in a retrieval system or transmitted in any form, by any means—electronic, mechanical or photocopy—or for any purposes without prior written permission of Licensing Services, Client Services Division, Statistics Canada, Ottawa, Ontario, Canada K1A 0T6.

June 2011

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

## 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 **Fred Barzyk**, Director, Transportation Division and **Norah Hillary**, Chief, Aviation Statistics Centre. **Kathie Davidson**, **Rose Krakower**, **John Scolli**, **Bev Pomfret** and **Jim Charinos** contributed to the preparation of this publication.

# 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

**Table of contents – continued**

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

**Data quality, concepts and methodology**

Methodology	42
Data quality and limitations	44

**Appendix**

I	Factors influencing the data	45
II	Glossary of terms	46

## Highlights

---

- Aircraft take-offs and landings at the 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations decreased 5.6% in May 2011 from May 2010. These airports reported 509,506 movements in May compared with 539,578 movements in May 2010.
- There were 358,606 itinerant movements (flights from one airport to another) reported in May 2011. This represents a 4.7% decrease (-17,589 movements) compared with the same month a year earlier.
- In May 2011, there were 150,900 local movements (flights that remain in the vicinity of the airport) recorded. This represents a decrease of 7.6% (-12,483 movements) compared with the previous year.

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

	NAV CANADA towers number	Percentage change, May 2010 to May 2011	NAV CANADA Flight Service Stations number	Percentage change, May 2010 to May 2011	Total number	Percentage change, May 2010 to May 2011
	number	percent	number	percent	number	percent
<b>Grand total</b>	<b>403,190</b>	<b>-7.4</b>	<b>106,316</b>	<b>1.9</b>	<b>509,506</b>	<b>-5.6</b>
<b>Itinerant movements</b>						
Air carriers	216,323	-2.8	57,594	4.2	273,917	-1.4
Other commercial movements	25,840	-25.2	3,674	3.8	29,514	-22.5
Private movements	29,492	-9.0	11,553	-7.4	41,045	-8.5
Government civil movements	5,037	-8.9	2,711	-19.7	7,748	-13.0
Government military movements	4,361	-10.5	2,021	20.9	6,382	-2.5
Itinerant total	281,053	-6.3	77,553	1.6	358,606	-4.7
<b>Local movements</b>						
Civil local movements	121,663	-9.5	27,971	4.3	149,634	-7.3
Military local movements	474	-45.4	792	-33.1	1,266	-38.3
Local total	122,137	-9.8	28,763	2.7	150,900	-7.6

## **Analysis**

---

Aircraft take-offs and landings at the 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations decreased 5.6% in May 2011 from May 2010. These airports reported 509,506 movements in May compared with 539,578 movements in May 2010. Year-over-year decreases were reported by 38 airports. Toronto/Lester B. Pearson International, Ontario (36,210 movements) followed by Vancouver International, British Columbia (25,562 movements) were the most active sites in May 2011.

There were 358,606 itinerant movements (flights from one airport to another) reported in May 2011. This represents a 4.7% decrease (-17,589 movements) compared with the same month a year earlier. The year-over-year variations ranged from an increase of 1,513 movements (+8.2%) at Montréal/Pierre Elliott Trudeau International, Quebec to a drop of 3,381 movements (-51.3%) at Moncton/Greater Moncton International, New Brunswick. Forty-four airports reported year-over-year decreases in the number of itinerant aircraft movements in May 2011.

In May 2011, there were 150,900 local movements (flights that remain in the vicinity of the airport) recorded. This represents a decrease of 7.6% (-12,483 movements) compared with the previous year. Calgary/Springbank, Alberta (8,132 movements) followed by Boundary Bay, British Columbia (7,948 movements) recorded the largest number of local movements.

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

There were 306,275 domestic itinerant movements reported by 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations in May 2011, down 5.2% (-16,699 movements) from May 2010. Vancouver International, British Columbia (19,294 movements) followed by Toronto/Lester B. Pearson International, Ontario (16,304 movements) reported the greatest number of domestic itinerant movements.

Seventy-six airports reported 42,174 transborder itinerant movements (between Canada and the United States) in May 2011. Toronto/Lester B. Pearson International, Ontario (15,183 movements) reported the greatest number of transborder itinerant movements. This represents 36.0% of the total transborder itinerant movements.

In May 2011, forty-three airports reported 10,157 other international itinerant movements. Toronto/Lester B. Pearson International, Ontario, recorded 4,635 other international itinerant movements. This represents 45.6% 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	15	9,902	24	4,088	7	5,814
Boundary Bay	8	13,293	17	5,345	2	7,948
Calgary International	3	20,151	3	19,985	38	166
Calgary/Springbank	9	13,049	19	4,917	1	8,132
Chicoutimi/St-Honoré	18	9,240	32	2,820	5	6,420
Edmonton City Centre	31	5,642	18	5,188	34	454
Edmonton International	12	11,518	6	11,122	35	396
Edmonton/Villeneuve	28	6,797	40	1,935	10	4,862
Fort McMurray	26	6,841	13	6,049	32	792
Fredericton International	36	4,703	33	2,603	23	2,100
Gander International	41	2,756	39	1,968	33	788
Halifax/Robert L. Stanfield International	23	7,620	10	7,258	36	362
Hamilton	39	3,640	35	2,524	30	1,116
Kelowna	25	6,943	22	4,367	22	2,576
Kitchener/Waterloo	22	8,102	27	3,762	12	4,340
Langley	24	7,093	31	3,089	14	4,004
London	17	9,268	21	4,512	11	4,756
Moncton/Greater Moncton International	33	4,907	30	3,211	25	1,696
Montréal/Pierre Elliott Trudeau International	4	20,016	4	19,910	39	106
Montréal/St-Hubert	5	15,009	11	7,079	3	7,930
Oshawa	34	4,852	38	2,234	21	2,618
Ottawa/Macdonald-Cartier International	6	14,331	5	11,463	18	2,868
Pitt Meadows	14	10,512	25	3,878	4	6,634
Prince George	29	6,096	37	2,432	16	3,664
Québec/Jean Lesage International	13	11,251	9	7,439	15	3,812
Regina International	32	5,414	26	3,794	27	1,620
Saskatoon/John G. Diefenbaker International	19	8,753	14	5,723	17	3,030
Sault Ste. Marie	27	6,825	34	2,595	13	4,230
St. John's International	37	3,929	28	3,747	37	182
St-Jean	40	2,793	42	1,067	24	1,726
Thunder Bay	21	8,136	16	5,372	19	2,764
Toronto/Billy Bishop Toronto City	16	9,684	12	7,030	20	2,654
Toronto/Buttonville Municipal	11	11,548	15	5,431	6	6,117
Toronto/Lester B. Pearson International	1	36,210	1	36,122	40	88
Vancouver Harbour	35	4,840	20	4,834	42	6
Vancouver International	2	25,562	2	25,520	41	42
Victoria International	7	13,689	8	8,185	8	5,504
Whitehorse International	38	3,671	36	2,517	29	1,154
Windsor	42	2,307	41	1,489	31	818
Winnipeg/James Armstrong Richardson International	10	12,047	7	10,801	28	1,246
Winnipeg/St. Andrews	20	8,261	29	3,319	9	4,942
Yellowknife	30	5,989	23	4,329	26	1,660
<b>Total of NAV CANADA towers (42)</b>	.	<b>403,190</b>	.	<b>281,053</b>	.	<b>122,137</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	11	2,901	6	2,463	22	438
Campbell River	15	2,730	19	1,698	11	1,032
Castlegar	48	600	48	524	39	76
Charlottetown	41	1,056	41	954	36	102
Churchill	44	934	43	928	46	6
Cranbrook	39	1,215	37	1,039	30	176
Deer Lake	32	1,539	26	1,397	32	142
Fort Nelson	25	2,049	17	1,797	29	252
Fort St. John	22	2,208	16	1,835	25	373
Grande Prairie	3	4,126	4	2,730	5	1,396
High Level	28	1,899	25	1,417	18	482
Îles-de-la-Madeleine	50	395	50	395	0	0
Inuvik/Mike Zubko	36	1,297	32	1,219	38	78
Iqaluit	29	1,792	20	1,698	37	94
Kamloops	9	3,088	13	1,925	10	1,163
Kenora	34	1,385	40	981	24	404
Kingston	13	2,887	23	1,539	7	1,348
Kuujuaq	40	1,134	35	1,086	41	48
La Grande Rivière	46	850	44	844	47	6
La Ronge	19	2,322	18	1,794	17	528
Lethbridge	23	2,187	27	1,387	13	800
Lloydminster	30	1,679	42	941	14	738
Medicine Hat	38	1,216	36	1,046	31	170
Mont-Joli	49	501	49	501	0	0
Montréal/Mirabel International	8	3,147	15	1,887	8	1,260
Nanaimo	5	3,679	7	2,304	6	1,375
Norman Wells	26	2,033	38	1,002	12	1,031
North Bay	1	5,646	12	1,994	1	3,652
Ottawa/Gatineau	2	4,562	14	1,924	2	2,638
Peace River	43	1,013	39	983	43	30
Penticton	12	2,900	28	1,338	4	1,562
Port Hardy	45	901	45	761	33	140
Prince Albert	18	2,363	11	2,071	27	292
Prince Rupert	51	376	51	358	45	18
Rankin Inlet	37	1,241	31	1,239	48	2
Red Deer Regional	4	3,808	10	2,102	3	1,706
Rouyn-Noranda	21	2,217	22	1,557	15	660
Saint John	31	1,650	33	1,198	20	452
Sept-Îles	17	2,545	8	2,291	28	254
Sioux Lookout	14	2,744	5	2,638	35	106
Smithers	42	1,024	47	730	26	294
St. Catharines	16	2,566	29	1,338	9	1,228
Sudbury	6	3,579	2	2,971	16	608
Terrace	33	1,532	34	1,106	23	426
Thompson	10	2,942	3	2,803	34	139
Timmins	20	2,232	9	2,190	42	42
Val-d'Or	27	1,954	24	1,504	21	450
Victoria Harbour	7	3,457	1	3,457	0	0
Wabush	35	1,325	30	1,273	40	52
Whitecourt	24	2,108	21	1,640	19	468
Williams Lake	47	782	46	756	44	26
<b>Total of all flight service stations (51)</b>	.	<b>106,316</b>	.	<b>77,553</b>	.	<b>28,763</b>

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

	Civil movements			Military movements		
	Total	Itinerant		Local	Total	Itinerant
		Commercial	Private and government			
number						
Abbotsford	9,790	2,983	993	5,814	112	112
Boundary Bay	13,282	3,955	1,379	7,948	11	11
Calgary International	20,098	18,324	1,608	166	53	53
Calgary/Springbank	13,043	3,237	1,674	8,132	6	6
Chicoutimi/St-Honoré	9,240	2,568	252	6,420	0	0
Edmonton City Centre	5,629	3,703	1,472	454	13	13
Edmonton International	11,479	10,306	781	392	39	35
Edmonton/Villeneuve	5,913	718	333	4,862	884	884
Fort McMurray	6,834	5,131	911	792	7	7
Fredericton International	4,674	2,389	187	2,098	29	27
Gander International	2,505	1,247	472	786	251	249
Halifax/Robert L. Stanfield International	7,526	6,866	308	352	94	84
Hamilton	3,630	2,048	466	1,116	10	10
Kelowna	6,900	3,613	719	2,568	43	35
Kitchener/Waterloo	8,092	2,898	854	4,340	10	10
Langley	7,085	1,918	1,163	4,004	8	8
London	9,254	3,727	779	4,748	14	6
Moncton/Greater Moncton International	4,901	2,915	294	1,692	6	2
Montréal/Pierre Elliott Trudeau International	19,997	18,542	1,353	102	19	15
Montréal/St-Hubert	14,845	5,577	1,346	7,922	164	156
Oshawa	4,843	1,366	859	2,618	9	9
Ottawa/Macdonald-Cartier International	14,116	10,552	700	2,864	215	211
Pitt Meadows	9,920	1,927	1,359	6,634	592	592
Prince George	6,021	1,883	476	3,662	75	73
Québec/Jean Lesage International	11,185	6,054	1,325	3,806	66	60
Regina International	5,118	2,971	747	1,400	296	76
Saskatoon/John G. Diefenbaker International	8,485	4,675	930	2,880	268	118
Sault Ste. Marie	6,789	2,322	243	4,224	36	30
St. John's International	3,680	3,162	342	176	249	243
St-Jean	2,357	240	391	1,726	436	436
Thunder Bay	8,069	4,777	546	2,746	67	49
Toronto/Billy Bishop Toronto City	9,663	6,474	539	2,650	21	17
Toronto/Buttonville Municipal	11,542	3,032	2,393	6,117	6	6
Toronto/Lester B. Pearson International	36,191	34,940	1,163	88	19	19
Vancouver Harbour	4,834	4,752	76	6	6	0
Vancouver International	25,541	24,278	1,221	42	21	21
Victoria International	13,502	6,420	1,584	5,498	187	181
Whitehorse International	3,664	1,826	684	1,154	7	7
Windsor	2,307	1,203	286	818	0	0
Winnipeg/James Armstrong Richardson International	11,624	9,804	576	1,244	423	421
Winnipeg/St. Andrews	8,258	2,960	356	4,942	3	3
Yellowknife	5,929	3,880	389	1,660	60	60
<b>Total of NAV CANADA towers (42)</b>	<b>398,355</b>	<b>242,163</b>	<b>34,529</b>	<b>121,663</b>	<b>4,835</b>	<b>4,361</b>
						<b>474</b>

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

	Civil movements			Military movements		
	Total	Itinerant		Local	Total	Itinerant
		Commercial	Private and government			
number						
Brandon Municipal	2,272	1,348	568	356	629	547
Campbell River	2,716	1,178	506	1,032	14	14
Castlegar	583	420	87	76	17	17
Charlottetown	1,014	767	145	102	42	42
Churchill	930	884	40	6	4	4
Cranbrook	1,029	654	205	170	186	180
Deer Lake	1,516	1,244	130	142	23	23
Fort Nelson	2,024	1,603	169	252	25	25
Fort St. John	2,166	1,405	388	373	42	42
Grande Prairie	4,015	2,161	458	1,396	111	111
High Level	1,895	1,357	56	482	4	4
Îles-de-la-Madeleine	389	323	66	0	6	6
Inuvik/Mike Zubko	1,270	1,171	21	78	27	27
Iqaluit	1,780	1,567	119	94	12	12
Kamloops	2,990	1,336	531	1,123	98	58
Kenora	1,229	742	161	326	156	78
Kingston	2,814	1,144	340	1,330	73	55
Kuujuaq	1,126	1,010	74	42	8	2
La Grande Rivière	850	794	50	6	0	0
La Ronge	2,318	1,386	404	528	4	4
Lethbridge	2,107	862	485	760	80	40
Lloydminster	1,661	594	329	738	18	18
Medicine Hat	1,170	778	234	158	46	34
Mont-Joli	501	458	43	0	0	0
Montréal/Mirabel International	3,101	1,470	389	1,242	46	28
Nanaimo	3,181	1,312	924	945	498	68
Norman Wells	2,033	981	21	1,031	0	0
North Bay	5,489	1,368	481	3,640	157	145
Ottawa/Gatineau	4,504	937	935	2,632	58	52
Peace River	1,007	903	74	30	6	6
Penticton	2,842	846	434	1,562	58	58
Port Hardy	880	617	125	138	21	19
Prince Albert	2,320	1,503	533	284	43	35
Prince Rupert	376	298	60	18	0	0
Rankin Inlet	1,241	1,225	14	2	0	0
Red Deer Regional	3,724	1,168	884	1,672	84	50
Rouyn-Noranda	2,078	1,055	363	660	139	139
Saint John	1,637	873	312	452	13	13
Sept-Îles	2,541	2,013	274	254	4	4
Sioux Lookout	2,726	2,544	76	106	18	18
Smithers	1,022	647	81	294	2	2
St. Catharines	2,564	814	522	1,228	2	2
Sudbury	3,567	2,377	582	608	12	12
Terrace	1,532	1,042	64	426	0	0
Thompson	2,942	2,611	192	139	0	0
Timmins	2,228	1,833	353	42	4	4
Val-d'Or	1,952	1,093	409	450	2	2
Victoria Harbour	3,440	3,300	140	0	17	17
Wabush	1,325	1,152	121	52	0	0
Whitecourt	2,108	1,492	148	468	0	0
Williams Lake	778	608	144	26	4	4
<b>Total of all flight service stations (51)</b>	<b>103,503</b>	<b>61,268</b>	<b>14,264</b>	<b>27,971</b>	<b>2,813</b>	<b>2,021</b>
						<b>792</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	4,088	444	2,076	463	895	98	112
Boundary Bay	5,345	21	934	3,000	1,335	44	11
Calgary International	19,985	16,983	902	439	1,408	200	53
Calgary/Springbank	4,917	18	860	2,359	1,668	6	6
Chicoutimi/St-Honoré	2,820	496	94	1,978	250	2	0
Edmonton City Centre	5,188	1,420	754	1,529	999	473	13
Edmonton International	11,122	10,030	255	21	769	12	35
Edmonton/Villeneuve	1,935	0	183	535	333	0	884
Fort McMurray	6,049	1,638	3,431	62	775	136	7
Fredericton International	2,603	902	1,472	15	137	50	27
Gander International	1,968	624	596	27	304	168	249
Halifax/Robert L. Stanfield International	7,258	6,576	271	19	267	41	84
Hamilton	2,524	1,857	174	17	290	176	10
Kelowna	4,367	2,773	494	346	625	94	35
Kitchener/Waterloo	3,762	492	2,365	41	844	10	10
Langley	3,089	83	237	1,598	1,139	24	8
London	4,512	1,161	647	1,919	676	103	6
Moncton/Greater Moncton International	3,211	1,752	1,152	11	126	168	2
Montréal/Pierre Elliott Trudeau International	19,910	17,407	1,073	62	1,208	145	15
Montréal/St-Hubert	7,079	3,249	680	1,648	1,233	113	156
Oshawa	2,234	78	53	1,235	794	65	9
Ottawa/Macdonald-Cartier International	11,463	8,425	372	1,755	366	334	211
Pitt Meadows	3,878	23	1,063	841	1,309	50	592
Prince George	2,432	1,224	593	66	400	76	73
Québec/Jean Lesage International	7,439	3,861	1,942	251	889	436	60
Regina International	3,794	2,199	721	51	509	238	76
Saskatoon/John G. Diefenbaker International	5,723	3,154	883	638	653	277	118
Sault Ste. Marie	2,595	1,046	116	1,160	154	89	30
St. John's International	3,747	2,444	707	11	128	214	243
St-Jean	1,067	2	146	92	388	3	436
Thunder Bay	5,372	3,071	699	1,007	343	203	49
Toronto/Billy Bishop Toronto City	7,030	4,740	835	899	508	31	17
Toronto/Buttonville Municipal	5,431	202	2,724	106	2,311	82	6
Toronto/Lester B. Pearson International	36,122	34,217	700	23	1,151	12	19
Vancouver Harbour	4,834	4,119	628	5	72	4	6
Vancouver International	25,520	22,202	1,887	189	843	378	21
Victoria International	8,185	3,271	2,526	623	1,550	34	181
Whitehorse International	2,517	1,099	722	5	603	81	7
Windsor	1,489	721	447	35	259	27	0
Winnipeg/James Armstrong Richardson International	10,801	9,025	726	53	318	258	421
Winnipeg/St. Andrews	3,319	781	1,491	688	356	0	3
Yellowknife	4,329	3,211	651	18	307	82	60
<b>Total of NAV CANADA towers (42)</b>	<b>281,053</b>	<b>177,041</b>	<b>39,282</b>	<b>25,840</b>	<b>29,492</b>	<b>5,037</b>	<b>4,361</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	2,463	113	1,170	65	534	34	547
Campbell River	1,698	627	243	308	469	37	14
Castlegar	524	277	44	99	81	6	17
Charlottetown	954	719	48	0	92	53	42
Churchill	928	840	26	18	20	20	4
Cranbrook	1,039	575	69	10	193	12	180
Deer Lake	1,397	996	246	2	53	77	23
Fort Nelson	1,797	475	1,124	4	167	2	25
Fort St. John	1,835	769	630	6	374	14	42
Grande Prairie	2,730	1,242	773	146	428	30	111
High Level	1,417	463	888	6	53	3	4
Îles-de-la-Madeleine	395	281	36	6	12	54	6
Inuvik/Mike Zubko	1,219	970	201	0	3	18	27
Iqaluit	1,698	1,419	78	70	63	56	12
Kamloops	1,925	894	381	61	467	64	58
Kenora	981	404	325	13	145	16	78
Kingston	1,539	443	310	391	306	34	55
Kuujjuaq	1,086	711	297	2	44	30	2
La Grande Rivière	844	639	149	6	36	14	0
La Ronge	1,794	1,211	173	2	70	334	4
Lethbridge	1,387	397	56	409	467	18	40
Lloydminster	941	192	375	27	311	18	18
Medicine Hat	1,046	526	218	34	218	16	34
Mont-Joli	501	410	32	16	25	18	0
Montréal/Mirabel International	1,887	877	527	66	386	3	28
Nanaimo	2,304	461	651	200	895	29	68
Norman Wells	1,002	723	258	0	13	8	0
North Bay	1,994	682	334	352	416	65	145
Ottawa/Gatineau	1,924	109	520	308	827	108	52
Peace River	983	400	495	8	58	16	6
Penticton	1,338	293	512	41	419	15	58
Port Hardy	761	583	26	8	82	43	19
Prince Albert	2,071	1,413	70	20	174	359	35
Prince Rupert	358	290	4	4	44	16	0
Rankin Inlet	1,239	1,074	99	52	6	8	0
Red Deer Regional	2,102	227	748	193	854	30	50
Rouyn-Noranda	1,557	630	186	239	335	28	139
Saint John	1,198	753	84	36	306	6	13
Sept-Îles	2,291	1,232	653	128	184	90	4
Sioux Lookout	2,638	1,957	584	3	39	37	18
Smithers	730	419	224	4	67	14	2
St. Catharines	1,338	11	773	30	498	24	2
Sudbury	2,971	1,614	682	81	308	274	12
Terrace	1,106	561	479	2	55	9	0
Thompson	2,803	2,398	210	3	47	145	0
Timmins	2,190	1,571	250	12	184	169	4
Val-d'Or	1,504	761	312	20	318	91	2
Victoria Harbour	3,457	3,265	33	2	34	106	17
Wabush	1,273	838	273	41	93	28	0
Whitecourt	1,640	26	1,352	114	138	10	0
Williams Lake	756	444	158	6	142	2	4
<b>Total of all flight service stations (51)</b>	<b>77,553</b>	<b>39,205</b>	<b>18,389</b>	<b>3,674</b>	<b>11,553</b>	<b>2,711</b>	<b>2,021</b>

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

	Itinerant movements					Runway 88
	Total of IFR and VFR flights <sup>1</sup>	Instrument Flight Rules	Percentage Instrument Flight Rules	Visual Flight Rules	Percentage Visual Flight Rules	
	number	percent	number	percent	number	
Abbotsford	4,088	850	20.7	3,238	79.2	1,794
Boundary Bay	5,345	342	6.3	5,003	93.6	796
Calgary International	19,985	18,969	94.9	1,016	5.0	521
Calgary/Springbank	4,917	380	7.7	4,537	92.2	188
Chicoutimi/St-Honoré	2,820	221	7.8	2,599	92.1	263
Edmonton City Centre	5,188	2,137	41.1	3,051	58.8	1,626
Edmonton International	11,122	10,673	95.9	449	4.0	924
Edmonton/Villeneuve	1,935	43	2.2	1,892	97.7	199
Fort McMurray	6,049	2,105	34.7	3,944	65.2	188
Fredericton International	2,603	1,194	45.8	1,409	54.1	115
Gander International	1,968	1,392	70.7	576	29.2	236
Halifax/Robert L. Stanfield International	7,258	7,010	96.5	248	3.4	190
Hamilton	2,524	2,082	82.4	442	17.5	934
Kelowna	4,367	2,640	60.4	1,727	39.5	845
Kitchener/Waterloo	3,762	867	23.0	2,895	76.9	607
Langley	3,089	28	0.9	3,061	99.0	536
London	4,512	1,455	32.2	3,057	67.7	338
Moncton/Greater Moncton International	3,211	2,038	63.4	1,173	36.5	50
Montréal/Pierre Elliott Trudeau International	19,910	19,289	96.8	621	3.1	1,095
Montréal/St-Hubert	7,079	1,711	24.1	5,368	75.8	1,013
Oshawa	2,234	124	5.5	2,110	94.4	487
Ottawa/Macdonald-Cartier International	11,463	9,204	80.2	2,259	19.7	852
Pitt Meadows	3,878	31	0.7	3,847	99.2	1,894
Prince George	2,432	1,302	53.5	1,130	46.4	506
Québec/Jean Lesage International	7,439	4,905	65.9	2,534	34.0	974
Regina International	3,794	2,719	71.6	1,075	28.3	138
Saskatoon/John G. Diefenbaker International	5,723	3,681	64.3	2,042	35.6	241
Sault Ste. Marie	2,595	1,280	49.3	1,315	50.6	106
St. John's International	3,747	3,398	90.6	349	9.3	133
St-Jean	1,067	30	2.8	1,037	97.1	1,067
Thunder Bay	5,372	3,598	66.9	1,774	33.0	190
Toronto/Billy Bishop Toronto City	7,030	5,181	73.6	1,849	26.3	1,809
Toronto/Buttonville Municipal	5,431	755	13.9	4,676	86.0	998
Toronto/Lester B. Pearson International	36,122	36,000	99.6	122	0.3	168
Vancouver Harbour	4,834	23	0.4	4,811	99.5	2,054
Vancouver International	25,520	20,512	80.3	5,008	19.6	8,792
Victoria International	8,185	3,569	43.6	4,616	56.3	4,558
Whitehorse International	2,517	667	26.4	1,850	73.5	462
Windsor	1,489	823	55.2	666	44.7	109
Winnipeg/James Armstrong Richardson International	10,801	9,290	86.0	1,511	13.9	763
Winnipeg/St. Andrews	3,319	133	4.0	3,186	95.9	91
Yellowknife	4,329	1,924	44.4	2,405	55.5	372
<b>Total of NAV CANADA towers (42)</b>	<b>281,053</b>	<b>184,575</b>	<b>65.7</b>	<b>96,478</b>	<b>34.3</b>	<b>39,222</b>

1. Total excludes runway 88 flights.

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

	Itinerant movements					Runway 88
	Total of IFR and VFR flights <sup>1</sup>	Instrument Flight Rules	Percentage Instrument Flight Rules	Visual Flight Rules	Percentage Visual Flight Rules	
	number	percent	number	percent	number	
Brandon Municipal	2,463	344	13.9	2,119	86.0	481
Campbell River	1,698	493	29.0	1,205	70.9	323
Castlegar	524	289	55.1	235	44.8	76
Charlottetown	954	838	87.8	116	12.1	43
Churchill	928	884	95.2	44	4.7	26
Cranbrook	1,039	621	59.7	418	40.2	111
Deer Lake	1,397	1,252	89.6	145	10.3	27
Fort Nelson	1,797	501	27.8	1,296	72.1	77
Fort St. John	1,835	830	45.2	1,005	54.7	116
Grande Prairie	2,730	1,442	52.8	1,288	47.1	173
High Level	1,417	223	15.7	1,194	84.2	399
Îles-de-la-Madeleine	395	375	94.9	20	5.0	14
Inuvik/Mike Zubko	1,219	326	26.7	893	73.2	4
Iqaluit	1,698	1,312	77.2	386	22.7	0
Kamloops	1,925	1,005	52.2	920	47.7	391
Kenora	981	542	55.2	439	44.7	271
Kingston	1,539	598	38.8	941	61.1	183
Kuujuaq	1,086	418	38.4	668	61.5	31
La Grande Rivière	844	674	79.8	170	20.1	333
La Ronge	1,794	680	37.9	1,114	62.0	991
Lethbridge	1,387	519	37.4	868	62.5	32
Lloydminster	941	242	25.7	699	74.2	32
Medicine Hat	1,046	458	43.7	588	56.2	120
Mont-Joli	501	419	83.6	82	16.3	9
Montréal/Mirabel International	1,887	1,110	58.8	777	41.1	939
Nanaimo	2,304	667	28.9	1,637	71.0	758
Norman Wells	1,002	226	22.5	776	77.4	391
North Bay	1,994	808	40.5	1,186	59.4	724
Ottawa/Gatineau	1,924	236	12.2	1,688	87.7	389
Peace River	983	337	34.2	646	65.7	40
Penticton	1,338	305	22.7	1,033	77.2	173
Port Hardy	761	257	33.7	504	66.2	272
Prince Albert	2,071	1,472	71.0	599	28.9	195
Prince Rupert	358	259	72.3	99	27.6	24
Rankin Inlet	1,239	1,048	84.5	191	15.4	6
Red Deer Regional	2,102	370	17.6	1,732	82.3	296
Rouyn-Noranda	1,557	860	55.2	697	44.7	97
Saint John	1,198	1,014	84.6	184	15.3	18
Sept-Îles	2,291	1,650	72.0	641	27.9	337
Sioux Lookout	2,638	2,001	75.8	637	24.1	822
Smithers	730	421	57.6	309	42.3	282
St. Catharines	1,338	129	9.6	1,209	90.3	304
Sudbury	2,971	1,843	62.0	1,128	37.9	198
Terrace	1,106	549	49.6	557	50.3	200
Thompson	2,803	1,690	60.2	1,113	39.7	100
Timmins	2,190	1,735	79.2	455	20.7	193
Val-d'Or	1,504	845	56.1	659	43.8	362
Victoria Harbour	3,457	33	0.9	3,424	99.0	1,053
Wabush	1,273	1,146	90.0	127	9.9	173
Whitecourt	1,640	48	2.9	1,592	97.0	216
Williams Lake	756	469	62.0	287	37.9	146
<b>Total of all flight service stations (51)</b>	<b>77,553</b>	<b>36,813</b>	<b>47.5</b>	<b>40,740</b>	<b>52.5</b>	<b>12,971</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	4,088	449	206	2,818	594	21
Boundary Bay	5,345	17	63	5,040	225	0
Calgary International	19,985	13,474	5,295	355	861	0
Calgary/Springbank	4,917	32	96	3,863	925	1
Chicoutimi/St-Honoré	2,820	4	72	2,337	407	0
Edmonton City Centre	5,188	371	1,656	2,232	929	0
Edmonton International	11,122	7,267	3,376	440	39	0
Edmonton/Villeneuve	1,935	10	13	1,285	194	433
Fort McMurray	6,049	1,198	1,771	1,145	1,935	0
Fredericton International	2,603	380	738	1,380	105	0
Gander International	1,968	679	685	449	155	0
Halifax/Robert L. Stanfield International	7,258	4,086	2,796	182	194	0
Hamilton	2,524	1,375	755	265	129	0
Kelowna	4,367	1,029	1,659	1,274	405	0
Kitchener/Waterloo	3,762	185	510	2,805	260	2
Langley	3,089	0	79	2,405	603	2
London	4,512	421	1,047	2,871	173	0
Moncton/Greater Moncton International	3,211	1,135	744	1,291	41	0
Montréal/Pierre Elliott Trudeau International	19,910	12,444	6,769	418	279	0
Montréal/St-Hubert	7,079	271	975	5,499	334	0
Oshawa	2,234	15	31	2,061	127	0
Ottawa/Macdonald-Cartier International	11,463	6,103	3,120	1,941	299	0
Pitt Meadows	3,878	0	66	3,129	401	282
Prince George	2,432	391	972	588	448	33
Québec/Jean Lesage International	7,439	1,384	3,388	1,945	722	0
Regina International	3,794	1,762	806	1,136	90	0
Saskatoon/John G. Diefenbaker International	5,723	1,716	1,852	2,079	76	0
Sault Ste. Marie	2,595	36	1,206	1,291	62	0
St. John's International	3,747	1,461	1,869	65	352	0
St-Jean	1,067	0	4	844	86	133
Thunder Bay	5,372	735	2,961	1,319	357	0
Toronto/Billy Bishop Toronto City	7,030	2	5,135	1,544	349	0
Toronto/Buttonville Municipal	5,431	53	347	4,827	204	0
Toronto/Lester B. Pearson International	36,122	30,153	5,914	42	13	0
Vancouver Harbour	4,834	0	2,863	1,320	649	2
Vancouver International	25,520	12,061	9,921	2,681	857	0
Victoria International	8,185	1,223	2,329	4,171	462	0
Whitehorse International	2,517	467	544	1,037	467	2
Windsor	1,489	109	702	647	31	0
Winnipeg/James Armstrong Richardson International	10,801	5,256	4,209	680	656	0
Winnipeg/St. Andrews	3,319	0	804	2,248	267	0
Yellowknife	4,329	758	2,323	493	755	0
<b>Total of NAV CANADA towers (42)</b>	<b>281,053</b>	<b>108,512</b>	<b>80,671</b>	<b>74,442</b>	<b>16,517</b>	<b>911</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	2,463	44	312	1,720	190	197
Campbell River	1,698	53	694	466	485	0
Castlegar	524	10	290	179	45	0
Charlottetown	954	417	395	91	51	0
Churchill	928	20	858	28	22	0
Cranbrook	1,039	24	560	329	35	91
Deer Lake	1,397	165	1,114	51	67	0
Fort Nelson	1,797	90	417	258	1,032	0
Fort St. John	1,835	336	628	397	474	0
Grande Prairie	2,730	200	1,179	702	538	111
High Level	1,417	15	548	458	395	1
Îles-de-la-Madeleine	395	29	326	38	2	0
Inuvik/Mike Zubko	1,219	126	710	182	201	0
Iqaluit	1,698	410	1,202	24	62	0
Kamloops	1,925	165	987	435	338	0
Kenora	981	26	532	237	186	0
Kingston	1,539	29	519	832	159	0
Kuujuaq	1,086	138	631	106	211	0
La Grande Rivière	844	88	695	49	12	0
La Ronge	1,794	2	1,283	444	65	0
Lethbridge	1,387	55	441	805	86	0
Lloydminster	941	20	270	599	52	0
Medicine Hat	1,046	20	516	441	69	0
Mont-Joli	501	12	415	55	19	0
Montréal/Mirabel International	1,887	607	345	531	404	0
Nanaimo	2,304	28	500	1,618	136	22
Norman Wells	1,002	190	339	216	257	0
North Bay	1,994	90	818	449	604	33
Ottawa/Gatineau	1,924	68	172	1,422	262	0
Peace River	983	8	362	128	485	0
Penticton	1,338	24	338	568	406	2
Port Hardy	761	12	489	183	77	0
Prince Albert	2,071	6	1,460	496	109	0
Prince Rupert	358	27	248	28	55	0
Rankin Inlet	1,239	158	965	19	97	0
Red Deer Regional	2,102	60	411	1,515	115	1
Rouyn-Noranda	1,557	81	793	593	28	62
Saint John	1,198	362	638	141	57	0
Sept-Îles	2,291	52	1,468	353	418	0
Sioux Lookout	2,638	6	2,236	377	19	0
Smithers	730	6	450	71	203	0
St. Catharines	1,338	34	17	1,026	260	1
Sudbury	2,971	29	1,964	469	509	0
Terrace	1,106	16	550	46	494	0
Thompson	2,803	8	2,341	360	94	0
Timmins	2,190	12	1,842	198	138	0
Val-d'Or	1,504	107	774	445	178	0
Victoria Harbour	3,457	0	2,634	185	638	0
Wabush	1,273	24	1,040	115	94	0
Whitecourt	1,640	13	334	166	1,127	0
Williams Lake	756	24	489	137	106	0
<b>Total of all flight service stations (51)</b>	<b>77,553</b>	<b>4,546</b>	<b>39,539</b>	<b>20,781</b>	<b>12,166</b>	<b>521</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	2,950	357	110	92	41	83	450	5	0	0
Boundary Bay	4,990	301	46	6	0	2	0	0	0	0
Calgary International	729	552	1,478	1,907	959	4,635	7,894	938	181	712
Calgary/Springbank	4,410	338	149	13	3	4	0	0	0	0
Chicoutimi/St-Honoré	2,341	405	66	6	2	0	0	0	0	0
Edmonton City Centre	2,636	602	1,465	338	110	33	0	4	0	0
Edmonton International	313	209	412	1,048	454	2,735	5,256	417	164	114
Edmonton/Villeneuve	1,822	62	43	8	0	0	0	0	0	0
Fort McMurray	2,433	862	802	460	62	858	570	2	0	0
Fredericton International	1,421	137	188	248	195	360	46	2	0	6
Gander International	326	45	60	521	327	413	43	108	20	105
Halifax/Robert L. Stanfield International	82	209	413	1,141	803	1,681	2,366	244	129	190
Hamilton	268	432	178	364	161	52	432	13	492	132
Kelowna	1,474	181	346	553	44	945	806	0	17	1
Kitchener/Waterloo	3,001	91	486	47	31	38	68	0	0	0
Langley	2,929	123	37	0	0	0	0	0	0	0
London	2,890	254	204	159	394	417	190	0	4	0
Moncton/Greater Moncton International	1,197	139	177	485	79	647	243	0	240	4
Montréal/Pierre Elliott Trudeau International	489	197	860	796	3,200	6,468	5,075	1,418	0	1,407
Montréal/St-Hubert	4,958	756	811	353	184	11	6	0	0	0
Oshawa	2,076	114	34	2	0	1	0	0	7	0
Ottawa/Macdonald-Cartier International	1,938	228	1,073	333	526	3,420	3,360	286	44	255
Pitt Meadows	3,657	210	9	2	0	0	0	0	0	0
Prince George	864	137	216	645	16	370	183	1	0	0
Québec/Jean Lesage International	2,132	508	848	464	1,423	1,852	135	1	2	74
Regina International	1,006	226	471	369	55	907	667	11	82	0
Saskatoon/John G. Diefenbaker International	1,837	305	770	808	217	1,094	666	4	22	0
Sault Ste. Marie	1,280	149	587	90	324	163	0	2	0	0
St. John's International	38	49	270	679	800	520	989	308	80	14
St-Jean	1,005	13	49	0	0	0	0	0	0	0
Thunder Bay	1,335	347	2,211	236	183	764	288	8	0	0
Toronto/Billy Bishop Toronto City	1,532	243	615	68	4	4,566	0	2	0	0
Toronto/Buttonville Municipal	4,644	503	211	57	8	8	0	0	0	0
Toronto/Lester B. Pearson International	18	131	338	2,146	4,083	7,593	14,220	3,882	234	3,477
Vancouver Harbour	162	3,742	919	5	6	0	0	0	0	0
Vancouver International	940	3,702	924	2,597	1,805	5,497	6,231	1,610	266	1,948
Victoria International	3,678	1,057	162	424	684	1,509	623	16	32	0
Whitehorse International	1,299	223	240	60	71	457	161	0	0	6
Windsor	624	101	62	66	370	202	64	0	0	0
Winnipeg/James Armstrong Richardson International	667	625	2,785	384	1,020	1,971	2,316	357	622	54
Winnipeg/St. Andrews	2,177	942	199	1	0	0	0	0	0	0
Yellowknife	934	538	814	302	193	826	600	120	0	2
<b>Total of NAV CANADA towers (42)</b>	<b>75,502</b>	<b>20,345</b>	<b>22,138</b>	<b>18,283</b>	<b>18,837</b>	<b>51,102</b>	<b>53,948</b>	<b>9,759</b>	<b>2,638</b>	<b>8,501</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
	4,000	5,670	9,000	18,000	35,000	70,000	90,000	136,000		
number										
Brandon Municipal	1,912	68	394	29	39	21	0	0	0	0
Campbell River	842	115	66	468	175	30	2	0	0	0
Castlegar	195	23	26	59	68	153	0	0	0	0
Charlottetown	65	122	74	180	113	279	107	12	0	2
Churchill	38	12	117	98	132	461	10	60	0	0
Cranbrook	383	70	41	272	190	79	4	0	0	0
Deer Lake	80	12	74	380	666	74	109	2	0	0
Fort Nelson	927	141	310	190	131	56	42	0	0	0
Fort St. John	826	25	226	303	121	301	33	0	0	0
Grande Prairie	1,078	251	463	234	73	499	132	0	0	0
High Level	730	245	277	124	4	37	0	0	0	0
Îles-de-la-Madeleine	4	34	127	40	119	67	4	0	0	0
Inuvik/Mike Zubko	324	48	606	18	34	68	109	12	0	0
Iqaluit	26	16	529	149	300	319	289	18	0	52
Kamloops	596	152	187	377	124	417	72	0	0	0
Kenora	219	57	633	12	36	16	0	8	0	0
Kingston	904	47	166	301	111	10	0	0	0	0
Kuujuaq	239	78	457	4	106	88	92	2	0	20
La Grande Rivière	16	49	163	6	44	486	80	0	0	0
La Ronge	154	268	754	80	223	315	0	0	0	0
Lethbridge	738	136	133	294	19	67	0	0	0	0
Lloydminster	570	86	156	117	8	4	0	0	0	0
Medicine Hat	445	51	233	301	8	8	0	0	0	0
Mont-Joli	43	31	122	147	146	12	0	0	0	0
Montréal/Mirabel International	687	284	76	108	38	172	64	4	278	176
Nanaimo	1,317	459	78	38	16	396	0	0	0	0
Norman Wells	341	140	253	38	8	32	188	2	0	0
North Bay	970	244	407	84	175	59	16	39	0	0
Ottawa/Gatineau	1,468	207	88	92	47	22	0	0	0	0
Peace River	360	125	438	44	16	0	0	0	0	0
Penticton	862	114	46	126	11	178	1	0	0	0
Port Hardy	68	178	286	69	145	15	0	0	0	0
Prince Albert	237	115	400	449	514	356	0	0	0	0
Prince Rupert	28	30	71	44	50	135	0	0	0	0
Rankin Inlet	104	12	244	108	272	345	150	0	0	4
Red Deer Regional	1,413	188	230	98	64	18	49	42	0	0
Rouyn-Noranda	637	45	343	51	266	156	57	2	0	0
Saint John	127	151	146	256	206	290	22	0	0	0
Sept-Îles	493	281	446	460	561	44	4	2	0	0
Sioux Lookout	140	285	1,255	661	277	12	0	8	0	0
Smithers	256	35	66	236	36	101	0	0	0	0
St. Catharines	1,170	111	22	18	17	0	0	0	0	0
Sudbury	482	484	1,173	258	374	190	6	4	0	0
Terrace	406	100	132	173	141	154	0	0	0	0
Thompson	128	454	1,400	10	168	589	0	54	0	0
Timmins	171	285	1,080	80	448	126	0	0	0	0
Val-d'Or	509	86	239	68	343	185	72	0	0	2
Victoria Harbour	68	2,382	986	2	19	0	0	0	0	0
Wabush	93	109	317	326	416	8	4	0	0	0
Whitecourt	1,073	104	190	183	6	37	47	0	0	0
Williams Lake	217	18	29	444	6	41	1	0	0	0
<b>Total of all flight service stations (51)</b>	<b>25,179</b>	<b>9,163</b>	<b>16,775</b>	<b>8,707</b>	<b>7,630</b>	<b>7,528</b>	<b>1,766</b>	<b>271</b>	<b>278</b>	<b>256</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	3,997	440	2,055	460	833	97	112
Transborder	90	4	20	3	62	1	0
Other international	1	0	1	0	0	0	0
<b>Total</b>	<b>4,088</b>	<b>444</b>	<b>2,076</b>	<b>463</b>	<b>895</b>	<b>98</b>	<b>112</b>
<b>Boundary Bay</b>							
Domestic	5,229	21	932	2,940	1,281	44	11
Transborder	116	0	2	60	54	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>5,345</b>	<b>21</b>	<b>934</b>	<b>3,000</b>	<b>1,335</b>	<b>44</b>	<b>11</b>
<b>Calgary International</b>							
Domestic	16,000	13,391	800	433	1,127	198	51
Transborder	3,363	2,978	100	4	277	2	2
Other international	622	614	2	2	4	0	0
<b>Total</b>	<b>19,985</b>	<b>16,983</b>	<b>902</b>	<b>439</b>	<b>1,408</b>	<b>200</b>	<b>53</b>
<b>Calgary/Springbank</b>							
Domestic	4,866	18	858	2,357	1,621	6	6
Transborder	51	0	2	2	47	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>4,917</b>	<b>18</b>	<b>860</b>	<b>2,359</b>	<b>1,668</b>	<b>6</b>	<b>6</b>
<b>Chicoutimi/St-Honoré</b>							
Domestic	2,818	495	94	1,978	249	2	0
Transborder	2	1	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,820</b>	<b>496</b>	<b>94</b>	<b>1,978</b>	<b>250</b>	<b>2</b>	<b>0</b>
<b>Edmonton City Centre</b>							
Domestic	5,164	1,413	752	1,526	988	472	13
Transborder	23	7	2	3	11	0	0
Other international	1	0	0	0	0	1	0
<b>Total</b>	<b>5,188</b>	<b>1,420</b>	<b>754</b>	<b>1,529</b>	<b>999</b>	<b>473</b>	<b>13</b>
<b>Edmonton International</b>							
Domestic	9,550	8,548	237	19	703	12	31
Transborder	1,413	1,328	18	2	63	0	2
Other international	159	154	0	0	3	0	2
<b>Total</b>	<b>11,122</b>	<b>10,030</b>	<b>255</b>	<b>21</b>	<b>769</b>	<b>12</b>	<b>35</b>
<b>Edmonton/Villeneuve</b>							
Domestic	1,931	0	183	535	330	0	883
Transborder	3	0	0	0	3	0	0
Other international	1	0	0	0	0	0	1
<b>Total</b>	<b>1,935</b>	<b>0</b>	<b>183</b>	<b>535</b>	<b>333</b>	<b>0</b>	<b>884</b>
<b>Fort McMurray</b>							
Domestic	6,042	1,634	3,431	62	772	136	7
Transborder	7	4	0	0	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>6,049</b>	<b>1,638</b>	<b>3,431</b>	<b>62</b>	<b>775</b>	<b>136</b>	<b>7</b>
<b>Fredericton International</b>							
Domestic	2,576	890	1,465	15	130	50	26
Transborder	19	5	7	0	6	0	1
Other international	8	7	0	0	1	0	0
<b>Total</b>	<b>2,603</b>	<b>902</b>	<b>1,472</b>	<b>15</b>	<b>137</b>	<b>50</b>	<b>27</b>
<b>Gander International</b>							
Domestic	1,344	415	596	5	58	166	104
Transborder	288	88	0	8	117	1	74
Other international	336	121	0	14	129	1	71
<b>Total</b>	<b>1,968</b>	<b>624</b>	<b>596</b>	<b>27</b>	<b>304</b>	<b>168</b>	<b>249</b>

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI		Civil	Military	
number							
<b>Halifax/Robert L. Stanfield International</b>							
Domestic	5,951	5,409	262	15	174	41	50
Transborder	1,007	896	5	3	81	0	22
Other international	300	271	4	1	12	0	12
<b>Total</b>	<b>7,258</b>	<b>6,576</b>	<b>271</b>	<b>19</b>	<b>267</b>	<b>41</b>	<b>84</b>
<b>Hamilton</b>							
Domestic	1,928	1,427	142	17	165	167	10
Transborder	565	410	30	0	116	9	0
Other international	31	20	2	0	9	0	0
<b>Total</b>	<b>2,524</b>	<b>1,857</b>	<b>174</b>	<b>17</b>	<b>290</b>	<b>176</b>	<b>10</b>
<b>Kelowna</b>							
Domestic	4,083	2,587	470	343	555	94	34
Transborder	281	184	24	3	69	0	1
Other international	3	2	0	0	1	0	0
<b>Total</b>	<b>4,367</b>	<b>2,773</b>	<b>494</b>	<b>346</b>	<b>625</b>	<b>94</b>	<b>35</b>
<b>Kitchener/Waterloo</b>							
Domestic	3,597	478	2,321	38	740	10	10
Transborder	164	14	44	3	103	0	0
Other international	1	0	0	0	1	0	0
<b>Total</b>	<b>3,762</b>	<b>492</b>	<b>2,365</b>	<b>41</b>	<b>844</b>	<b>10</b>	<b>10</b>
<b>Langley</b>							
Domestic	3,081	83	237	1,598	1,131	24	8
Transborder	8	0	0	0	8	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>3,089</b>	<b>83</b>	<b>237</b>	<b>1,598</b>	<b>1,139</b>	<b>24</b>	<b>8</b>
<b>London</b>							
Domestic	4,286	1,035	639	1,919	584	103	6
Transborder	225	126	8	0	91	0	0
Other international	1	0	0	0	1	0	0
<b>Total</b>	<b>4,512</b>	<b>1,161</b>	<b>647</b>	<b>1,919</b>	<b>676</b>	<b>103</b>	<b>6</b>
<b>Moncton/Greater Moncton International</b>							
Domestic	3,104	1,666	1,152	11	107	166	2
Transborder	90	69	0	0	19	2	0
Other international	17	17	0	0	35	0	9
<b>Total</b>	<b>3,211</b>	<b>1,752</b>	<b>1,152</b>	<b>11</b>	<b>126</b>	<b>168</b>	<b>2</b>
<b>Montréal/Pierre Elliott Trudeau International</b>							
Domestic	11,937	10,185	839	50	713	145	5
Transborder	6,085	5,415	201	8	460	0	1
Other international	1,888	1,807	33	4	35	0	9
<b>Total</b>	<b>19,910</b>	<b>17,407</b>	<b>1,073</b>	<b>62</b>	<b>1,208</b>	<b>145</b>	<b>15</b>
<b>Montréal/St-Hubert</b>							
Domestic	6,919	3,238	671	1,644	1,098	112	156
Transborder	159	11	9	4	134	1	0
Other international	1	0	0	0	1	0	0
<b>Total</b>	<b>7,079</b>	<b>3,249</b>	<b>680</b>	<b>1,648</b>	<b>1,233</b>	<b>113</b>	<b>156</b>
<b>Oshawa</b>							
Domestic	2,210	73	53	1,234	777	65	8
Transborder	23	5	0	1	17	0	0
Other international	1	0	0	0	0	0	1
<b>Total</b>	<b>2,234</b>	<b>78</b>	<b>53</b>	<b>1,235</b>	<b>794</b>	<b>65</b>	<b>9</b>
<b>Ottawa/Macdonald-Cartier International</b>							
Domestic	9,382	6,501	353	1,739	275	320	194
Transborder	1,920	1,779	17	16	87	14	7
Other international	161	145	2	0	4	0	10
<b>Total</b>	<b>11,463</b>	<b>8,425</b>	<b>372</b>	<b>1,755</b>	<b>366</b>	<b>334</b>	<b>211</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	3,861	23	1,062	841	1,293	50	592
Transborder	16	0	0	0	16	0	0
Other international	1	0	1	0	0	0	0
<b>Total</b>	<b>3,878</b>	<b>23</b>	<b>1,063</b>	<b>841</b>	<b>1,309</b>	<b>50</b>	<b>592</b>
<b>Prince George</b>							
Domestic	2,423	1,223	593	66	392	76	73
Transborder	9	1	0	0	8	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,432</b>	<b>1,224</b>	<b>593</b>	<b>66</b>	<b>400</b>	<b>76</b>	<b>73</b>
<b>Québec/Jean Lesage International</b>							
Domestic	6,800	3,325	1,921	250	812	433	59
Transborder	555	465	16	1	71	2	0
Other international	84	71	5	0	6	1	1
<b>Total</b>	<b>7,439</b>	<b>3,861</b>	<b>1,942</b>	<b>251</b>	<b>889</b>	<b>436</b>	<b>60</b>
<b>Regina International</b>							
Domestic	3,345	1,862	717	51	403	238	74
Transborder	446	334	4	0	106	0	2
Other international	3	3	0	0	0	0	0
<b>Total</b>	<b>3,794</b>	<b>2,199</b>	<b>721</b>	<b>51</b>	<b>509</b>	<b>238</b>	<b>76</b>
<b>Saskatoon/John G. Diefenbaker International</b>							
Domestic	5,439	2,929	867	637	613	277	116
Transborder	284	225	16	1	40	0	2
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>5,723</b>	<b>3,154</b>	<b>883</b>	<b>638</b>	<b>653</b>	<b>277</b>	<b>118</b>
<b>Sault Ste. Marie</b>							
Domestic	2,559	1,046	113	1,158	124	89	29
Transborder	34	0	3	2	28	0	1
Other international	2	0	0	0	2	0	0
<b>Total</b>	<b>2,595</b>	<b>1,046</b>	<b>116</b>	<b>1,160</b>	<b>154</b>	<b>89</b>	<b>30</b>
<b>St. John's International</b>							
Domestic	3,290	2,278	696	2	63	209	42
Transborder	212	72	0	3	37	0	100
Other international	245	94	11	6	28	5	101
<b>Total</b>	<b>3,747</b>	<b>2,444</b>	<b>707</b>	<b>11</b>	<b>128</b>	<b>214</b>	<b>243</b>
<b>St-Jean</b>							
Domestic	1,067	2	146	92	388	3	436
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,067</b>	<b>2</b>	<b>146</b>	<b>92</b>	<b>388</b>	<b>3</b>	<b>436</b>
<b>Thunder Bay</b>							
Domestic	5,329	3,059	694	1,004	321	202	49
Transborder	43	12	5	3	22	1	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>5,372</b>	<b>3,071</b>	<b>699</b>	<b>1,007</b>	<b>343</b>	<b>203</b>	<b>49</b>
<b>Toronto/Billy Bishop Toronto City</b>							
Domestic	5,734	3,586	811	897	392	31	17
Transborder	1,296	1,154	24	2	116	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>7,030</b>	<b>4,740</b>	<b>835</b>	<b>899</b>	<b>508</b>	<b>31</b>	<b>17</b>
<b>Toronto/Buttonville Municipal</b>							
Domestic	5,192	170	2,690	105	2,140	81	6
Transborder	234	31	34	1	167	1	0
Other international	5	1	0	0	4	0	0
<b>Total</b>	<b>5,431</b>	<b>202</b>	<b>2,724</b>	<b>106</b>	<b>2,311</b>	<b>82</b>	<b>6</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	16,304	15,475	403	10	387	12	17
Transborder	15,183	14,188	256	12	726	0	1
Other international	4,635	4,554	41	1	38	0	1
<b>Total</b>	<b>36,122</b>	<b>34,217</b>	<b>700</b>	<b>23</b>	<b>1,151</b>	<b>12</b>	<b>19</b>
<b>Vancouver Harbour</b>							
Domestic	4,834	4,119	628	5	72	4	6
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>4,834</b>	<b>4,119</b>	<b>628</b>	<b>5</b>	<b>72</b>	<b>4</b>	<b>6</b>
<b>Vancouver International</b>							
Domestic	19,294	16,397	1,841	164	500	377	15
Transborder	4,721	4,313	44	25	332	1	6
Other international	1,505	1,492	2	0	11	0	0
<b>Total</b>	<b>25,520</b>	<b>22,202</b>	<b>1,887</b>	<b>189</b>	<b>843</b>	<b>378</b>	<b>21</b>
<b>Victoria International</b>							
Domestic	7,490	2,787	2,501	618	1,375	34	175
Transborder	694	483	25	5	175	0	6
Other international	1	1	0	0	0	0	0
<b>Total</b>	<b>8,185</b>	<b>3,271</b>	<b>2,526</b>	<b>623</b>	<b>1,550</b>	<b>34</b>	<b>181</b>
<b>Whitehorse International</b>							
Domestic	2,418	1,089	716	5	520	81	7
Transborder	91	2	6	0	83	0	0
Other international	8	8	0	0	0	0	0
<b>Total</b>	<b>2,517</b>	<b>1,099</b>	<b>722</b>	<b>5</b>	<b>603</b>	<b>81</b>	<b>7</b>
<b>Windsor</b>							
Domestic	1,419	711	438	35	209	26	0
Transborder	62	10	8	0	44	0	0
Other international	8	0	1	0	6	1	0
<b>Total</b>	<b>1,489</b>	<b>721</b>	<b>447</b>	<b>35</b>	<b>259</b>	<b>27</b>	<b>0</b>
<b>Winnipeg/James Armstrong Richardson International</b>							
Domestic	9,628	7,975	706	44	235	258	410
Transborder	1,161	1,046	19	9	79	0	8
Other international	12	4	1	0	4	0	3
<b>Total</b>	<b>10,801</b>	<b>9,025</b>	<b>726</b>	<b>53</b>	<b>318</b>	<b>258</b>	<b>421</b>
<b>Winnipeg/St. Andrews</b>							
Domestic	3,313	780	1,490	688	352	0	3
Transborder	5	0	1	0	4	0	0
Other international	1	1	0	0	0	0	0
<b>Total</b>	<b>3,319</b>	<b>781</b>	<b>1,491</b>	<b>688</b>	<b>356</b>	<b>0</b>	<b>3</b>
<b>Yellowknife</b>							
Domestic	4,326	3,211	651	18	304	82	60
Transborder	2	0	0	0	2	0	0
Other international	1	0	0	0	1	0	0
<b>Total</b>	<b>4,329</b>	<b>3,211</b>	<b>651</b>	<b>18</b>	<b>307</b>	<b>82</b>	<b>60</b>
<b>Total of NAV CANADA towers (42)</b>							
Domestic	230,060	131,994	38,226	25,628	25,306	4,993	3,913
Transborder	40,950	35,660	950	184	3,885	35	236
Other international	10,043	9,387	106	28	301	9	212
<b>Total</b>	<b>281,053</b>	<b>177,041</b>	<b>39,282</b>	<b>25,840</b>	<b>29,492</b>	<b>5,037</b>	<b>4,361</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	2,444	113	1,169	65	517	34	546
Transborder	19	0	1	0	17	0	1
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,463</b>	<b>113</b>	<b>1,170</b>	<b>65</b>	<b>534</b>	<b>34</b>	<b>547</b>
<b>Campbell River</b>							
Domestic	1,657	626	241	308	431	37	14
Transborder	41	1	2	0	38	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,698</b>	<b>627</b>	<b>243</b>	<b>308</b>	<b>469</b>	<b>37</b>	<b>14</b>
<b>Castlegar</b>							
Domestic	513	277	44	99	70	6	17
Transborder	11	0	0	0	11	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>524</b>	<b>277</b>	<b>44</b>	<b>99</b>	<b>81</b>	<b>6</b>	<b>17</b>
<b>Charlottetown</b>							
Domestic	935	709	47	0	84	53	42
Transborder	16	7	1	0	8	0	0
Other international	3	3	0	0	0	0	0
<b>Total</b>	<b>954</b>	<b>719</b>	<b>48</b>	<b>0</b>	<b>92</b>	<b>53</b>	<b>42</b>
<b>Churchill</b>							
Domestic	927	840	25	18	20	20	4
Transborder	0	0	0	0	0	0	0
Other international	1	0	1	0	0	0	0
<b>Total</b>	<b>928</b>	<b>840</b>	<b>26</b>	<b>18</b>	<b>20</b>	<b>20</b>	<b>4</b>
<b>Cranbrook</b>							
Domestic	1,022	575	68	9	178	12	180
Transborder	17	0	1	1	15	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,039</b>	<b>575</b>	<b>69</b>	<b>10</b>	<b>193</b>	<b>12</b>	<b>180</b>
<b>Deer Lake</b>							
Domestic	1,393	992	246	2	53	77	23
Transborder	0	0	0	0	0	0	0
Other international	4	4	0	0	0	0	0
<b>Total</b>	<b>1,397</b>	<b>996</b>	<b>246</b>	<b>2</b>	<b>53</b>	<b>77</b>	<b>23</b>
<b>Fort Nelson</b>							
Domestic	1,797	475	1,124	4	167	2	25
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,797</b>	<b>475</b>	<b>1,124</b>	<b>4</b>	<b>167</b>	<b>2</b>	<b>25</b>
<b>Fort St. John</b>							
Domestic	1,833	768	630	6	373	14	42
Transborder	1	0	0	0	1	0	0
Other international	1	1	0	0	0	0	0
<b>Total</b>	<b>1,835</b>	<b>769</b>	<b>630</b>	<b>6</b>	<b>374</b>	<b>14</b>	<b>42</b>
<b>Grande Prairie</b>							
Domestic	2,725	1,241	773	146	424	30	111
Transborder	5	1	0	0	4	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,730</b>	<b>1,242</b>	<b>773</b>	<b>146</b>	<b>428</b>	<b>30</b>	<b>111</b>
<b>High Level</b>							
Domestic	1,417	463	888	6	53	3	4
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,417</b>	<b>463</b>	<b>888</b>	<b>6</b>	<b>53</b>	<b>3</b>	<b>4</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	393	281	36	6	10	54	6
Transborder	2	0	0	0	2	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>395</b>	<b>281</b>	<b>36</b>	<b>6</b>	<b>12</b>	<b>54</b>	<b>6</b>
<b>Inuvik/Mike Zubko</b>							
Domestic	1,219	970	201	0	3	18	27
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,219</b>	<b>970</b>	<b>201</b>	<b>0</b>	<b>3</b>	<b>18</b>	<b>27</b>
<b>Iqaluit</b>							
Domestic	1,606	1,378	75	66	23	56	8
Transborder	17	7	0	0	10	0	0
Other international	75	34	3	4	30	0	4
<b>Total</b>	<b>1,698</b>	<b>1,419</b>	<b>78</b>	<b>70</b>	<b>63</b>	<b>56</b>	<b>12</b>
<b>Kamloops</b>							
Domestic	1,895	889	381	61	442	64	58
Transborder	30	5	0	0	25	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,925</b>	<b>894</b>	<b>381</b>	<b>61</b>	<b>467</b>	<b>64</b>	<b>58</b>
<b>Kenora</b>							
Domestic	941	404	324	13	106	16	78
Transborder	40	0	1	0	39	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>981</b>	<b>404</b>	<b>325</b>	<b>13</b>	<b>145</b>	<b>16</b>	<b>78</b>
<b>Kingston</b>							
Domestic	1,513	438	306	391	291	32	55
Transborder	25	5	4	0	15	1	0
Other international	1	0	0	0	0	1	0
<b>Total</b>	<b>1,539</b>	<b>443</b>	<b>310</b>	<b>391</b>	<b>306</b>	<b>34</b>	<b>55</b>
<b>Kuujjuaq</b>							
Domestic	1,084	711	296	2	44	30	1
Transborder	0	0	0	0	0	0	0
Other international	2	0	1	0	0	0	1
<b>Total</b>	<b>1,086</b>	<b>711</b>	<b>297</b>	<b>2</b>	<b>44</b>	<b>30</b>	<b>2</b>
<b>La Grande Rivière</b>							
Domestic	841	639	149	6	33	14	0
Transborder	3	0	0	0	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>844</b>	<b>639</b>	<b>149</b>	<b>6</b>	<b>36</b>	<b>14</b>	<b>0</b>
<b>La Ronge</b>							
Domestic	1,794	1,211	173	2	70	334	4
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,794</b>	<b>1,211</b>	<b>173</b>	<b>2</b>	<b>70</b>	<b>334</b>	<b>4</b>
<b>Lethbridge</b>							
Domestic	1,306	396	50	407	402	18	33
Transborder	81	1	6	2	65	0	7
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,387</b>	<b>397</b>	<b>56</b>	<b>409</b>	<b>467</b>	<b>18</b>	<b>40</b>
<b>Lloydminster</b>							
Domestic	940	192	375	27	310	18	18
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>941</b>	<b>192</b>	<b>375</b>	<b>27</b>	<b>311</b>	<b>18</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	1,034	518	218	34	216	16	32
Transborder	12	8	0	0	2	0	2
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,046</b>	<b>526</b>	<b>218</b>	<b>34</b>	<b>218</b>	<b>16</b>	<b>34</b>
<b>Mont-Joli</b>							
Domestic	501	410	32	16	25	18	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>501</b>	<b>410</b>	<b>32</b>	<b>16</b>	<b>25</b>	<b>18</b>	<b>0</b>
<b>Montréal/Mirabel International</b>							
Domestic	1,677	677	527	65	377	3	28
Transborder	203	193	0	1	9	0	0
Other international	7	7	0	0	0	0	0
<b>Total</b>	<b>1,887</b>	<b>877</b>	<b>527</b>	<b>66</b>	<b>386</b>	<b>3</b>	<b>28</b>
<b>Nanaimo</b>							
Domestic	2,255	458	651	199	851	29	67
Transborder	47	3	0	1	42	0	1
Other international	2	0	0	0	2	0	0
<b>Total</b>	<b>2,304</b>	<b>461</b>	<b>651</b>	<b>200</b>	<b>895</b>	<b>29</b>	<b>68</b>
<b>Norman Wells</b>							
Domestic	1,002	723	258	0	13	8	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,002</b>	<b>723</b>	<b>258</b>	<b>0</b>	<b>13</b>	<b>8</b>	<b>0</b>
<b>North Bay</b>							
Domestic	1,954	673	329	352	392	65	143
Transborder	40	9	5	0	24	0	2
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,994</b>	<b>682</b>	<b>334</b>	<b>352</b>	<b>416</b>	<b>65</b>	<b>145</b>
<b>Ottawa/Gatineau</b>							
Domestic	1,918	109	519	308	822	108	52
Transborder	6	0	1	0	5	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,924</b>	<b>109</b>	<b>520</b>	<b>308</b>	<b>827</b>	<b>108</b>	<b>52</b>
<b>Peace River</b>							
Domestic	983	400	495	8	58	16	6
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>983</b>	<b>400</b>	<b>495</b>	<b>8</b>	<b>58</b>	<b>16</b>	<b>6</b>
<b>Penticton</b>							
Domestic	1,316	293	510	41	399	15	58
Transborder	22	0	2	0	20	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,338</b>	<b>293</b>	<b>512</b>	<b>41</b>	<b>419</b>	<b>15</b>	<b>58</b>
<b>Port Hardy</b>							
Domestic	738	583	26	8	63	43	15
Transborder	23	0	0	0	19	0	4
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>761</b>	<b>583</b>	<b>26</b>	<b>8</b>	<b>82</b>	<b>43</b>	<b>19</b>
<b>Prince Albert</b>							
Domestic	2,070	1,413	70	20	173	359	35
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,071</b>	<b>1,413</b>	<b>70</b>	<b>20</b>	<b>174</b>	<b>359</b>	<b>35</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	344	290	3	3	32	16	0
Transborder	13	0	1	1	11	0	0
Other international	1	0	0	0	1	0	0
<b>Total</b>	<b>358</b>	<b>290</b>	<b>4</b>	<b>4</b>	<b>44</b>	<b>16</b>	<b>0</b>
<b>Rankin Inlet</b>							
Domestic	1,239	1,074	99	52	6	8	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,239</b>	<b>1,074</b>	<b>99</b>	<b>52</b>	<b>6</b>	<b>8</b>	<b>0</b>
<b>Red Deer Regional</b>							
Domestic	2,093	226	747	193	848	30	49
Transborder	9	1	1	0	6	0	1
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,102</b>	<b>227</b>	<b>748</b>	<b>193</b>	<b>854</b>	<b>30</b>	<b>50</b>
<b>Rouyn-Noranda</b>							
Domestic	1,557	630	186	239	335	28	139
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,557</b>	<b>630</b>	<b>186</b>	<b>239</b>	<b>335</b>	<b>28</b>	<b>139</b>
<b>Saint John</b>							
Domestic	1,088	739	84	36	210	6	13
Transborder	94	0	0	0	94	0	0
Other international	16	14	0	0	2	0	0
<b>Total</b>	<b>1,198</b>	<b>753</b>	<b>84</b>	<b>36</b>	<b>306</b>	<b>6</b>	<b>13</b>
<b>Sept-Îles</b>							
Domestic	2,284	1,231	653	128	178	90	4
Transborder	7	1	0	0	6	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,291</b>	<b>1,232</b>	<b>653</b>	<b>128</b>	<b>184</b>	<b>90</b>	<b>4</b>
<b>Sioux Lookout</b>							
Domestic	2,635	1,957	584	3	36	37	18
Transborder	3	0	0	0	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,638</b>	<b>1,957</b>	<b>584</b>	<b>3</b>	<b>39</b>	<b>37</b>	<b>18</b>
<b>Smithers</b>							
Domestic	730	419	224	4	67	14	2
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>730</b>	<b>419</b>	<b>224</b>	<b>4</b>	<b>67</b>	<b>14</b>	<b>2</b>
<b>St. Catharines</b>							
Domestic	1,276	4	769	30	447	24	2
Transborder	62	7	4	0	51	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,338</b>	<b>11</b>	<b>773</b>	<b>30</b>	<b>498</b>	<b>24</b>	<b>2</b>
<b>Sudbury</b>							
Domestic	2,955	1,612	682	81	296	272	12
Transborder	15	2	0	0	12	1	0
Other international	1	0	0	0	0	1	0
<b>Total</b>	<b>2,971</b>	<b>1,614</b>	<b>682</b>	<b>81</b>	<b>308</b>	<b>274</b>	<b>12</b>
<b>Terrace</b>							
Domestic	1,105	561	479	2	54	9	0
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,106</b>	<b>561</b>	<b>479</b>	<b>2</b>	<b>55</b>	<b>9</b>	<b>0</b>

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI		Civil	Military	
number							
<b>Thompson</b>							
Domestic	2,803	2,398	210	3	47	145	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,803</b>	<b>2,398</b>	<b>210</b>	<b>3</b>	<b>47</b>	<b>145</b>	<b>0</b>
<b>Timmins</b>							
Domestic	2,182	1,570	250	12	177	169	4
Transborder	8	1	0	0	7	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,190</b>	<b>1,571</b>	<b>250</b>	<b>12</b>	<b>184</b>	<b>169</b>	<b>4</b>
<b>Val-d'Or</b>							
Domestic	1,501	761	312	20	315	91	2
Transborder	3	0	0	0	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,504</b>	<b>761</b>	<b>312</b>	<b>20</b>	<b>318</b>	<b>91</b>	<b>2</b>
<b>Victoria Harbour</b>							
Domestic	3,115	2,923	33	2	34	106	17
Transborder	342	342	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>3,457</b>	<b>3,265</b>	<b>33</b>	<b>2</b>	<b>34</b>	<b>106</b>	<b>17</b>
<b>Wabush</b>							
Domestic	1,273	838	273	41	93	28	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,273</b>	<b>838</b>	<b>273</b>	<b>41</b>	<b>93</b>	<b>28</b>	<b>0</b>
<b>Whitecourt</b>							
Domestic	1,638	26	1,352	112	138	10	0
Transborder	2	0	0	2	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,640</b>	<b>26</b>	<b>1,352</b>	<b>114</b>	<b>138</b>	<b>10</b>	<b>0</b>
<b>Williams Lake</b>							
Domestic	754	444	158	6	140	2	4
Transborder	2	0	0	0	2	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>756</b>	<b>444</b>	<b>158</b>	<b>6</b>	<b>142</b>	<b>2</b>	<b>4</b>
<b>Total of all flight service stations (51)</b>							
Domestic	76,215	38,548	18,354	3,662	10,946	2,707	1,998
Transborder	1,224	594	30	8	572	2	18
Other international	114	63	5	4	35	2	5
<b>Total</b>	<b>77,553</b>	<b>39,205</b>	<b>18,389</b>	<b>3,674</b>	<b>11,553</b>	<b>2,711</b>	<b>2,021</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	15	9,902	20	14	93	19	644
Boundary Bay	8	13,293	30	13	116	19	838
Calgary International	3	20,151	12	18	62	18	800
Calgary/Springbank	9	13,049	6	9	113	10	788
Chicoutimi/St-Honoré	18	9,240	17	12	124	27	657
Edmonton City Centre	31	5,642	31	17	33	31	276
Edmonton International	12	11,518	6	12	59	10	461
Edmonton/Villeneuve	28	6,797	18	11	89	1	492
Fort McMurray	26	6,841	30	16	49	30	311
Fredericton International	36	4,703	3	13	49	31	396
Gander International	41	2,756	8	21	40	16	206
Halifax/Robert L. Stanfield International	23	7,620	31	20	49	31	354
Hamilton	39	3,640	21	10	45	10	204
Kelowna	25	6,943	16	12	51	19	331
Kitchener/Waterloo	22	8,102	25	15	78	11	623
Langley	24	7,093	10	15	70	4	383
London	17	9,268	30	12	80	4	581
Moncton/Greater Moncton International	33	4,907	31	9	43	31	400
Montréal/Pierre Elliott Trudeau International	4	20,016	11	18	62	30	741
Montréal/St-Hubert	5	15,009	20	14	125	12	1,173
Oshawa	34	4,852	10	10	63	10	378
Ottawa/Macdonald-Cartier International	6	14,331	10	11	95	25	704
Pitt Meadows	14	10,512	28	16	91	29	637
Prince George	29	6,096	6	12	67	19	342
Québec/Jean Lesage International	13	11,251	1	21	70	9	626
Regina International	32	5,414	23	9	42	25	326
Saskatoon/John G. Diefenbaker International	19	8,753	19	14	69	19	462
Sault Ste. Marie	27	6,825	6	9	83	2	487
St. John's International	37	3,929	4	9	22	4	175
St-Jean	40	2,793	11	17	52	1	341
Thunder Bay	21	8,136	24	12	76	5	443
Toronto/Billy Bishop Toronto City	16	9,684	7	13	69	9	497
Toronto/Buttonville Municipal	11	11,548	30	16	132	12	851
Toronto/Lester B. Pearson International	1	36,210	19	21	98	19	1,305
Vancouver Harbour	35	4,840	4	8	30	25	224
Vancouver International	2	25,562	20	16	83	20	960
Victoria International	7	13,689	4	17	81	4	624
Whitehorse International	38	3,671	1	15	46	1	282
Windsor	42	2,307	21	12	38	9	196
Winnipeg/James Armstrong Richardson International	10	12,047	6	15	50	19	500
Winnipeg/St. Andrews	20	8,261	6	10	75	5	535
Yellowknife	30	5,989	11	12	50	18	288

**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	11	2,901	12	11	39	29	200
Campbell River	15	2,730	31	10	69	29	210
Castlegar	48	600	4	11	14	4	57
Charlottetown	41	1,056	19	21	19	19	66
Churchill	44	934	3	12	8	10	48
Cranbrook	39	1,215	21	11	26	21	134
Deer Lake	32	1,539	11	13	27	22	86
Fort Nelson	25	2,049	6	12	26	31	141
Fort St. John	22	2,208	22	4	38	18	118
Grande Prairie	3	4,126	5	11	51	5	335
High Level	28	1,899	16	18	41	16	182
Îles-de-la-Madeleine	50	395	17	16	7	26	26
Inuvik/Mike Zubko	36	1,297	10	13	14	20	66
Iqaluit	29	1,792	16	14	15	13	90
Kamloops	9	3,088	28	13	64	28	201
Kenora	34	1,385	3	17	43	3	144
Kingston	13	2,887	8	14	50	8	192
Kuujuaq	40	1,134	1	10	18	25	59
La Grande Rivière	46	850	19	10	10	19	45
La Ronge	19	2,322	15	15	27	9	132
Lethbridge	23	2,187	31	17	32	18	182
Lloydminster	30	1,679	11	9	37	10	103
Medicine Hat	38	1,216	17	16	23	17	85
Mont-Joli	49	501	30	18	8	31	33
Montréal/Mirabel International	8	3,147	12	13	36	12	198
Nanaimo	5	3,679	19	18	64	19	266
Norman Wells	26	2,033	18	9	41	7	110
North Bay	1	5,646	10	14	102	9	448
Ottawa/Gatineau	2	4,562	31	14	82	13	316
Peace River	43	1,013	19	14	12	19	62
Penticton	12	2,900	6	12	55	6	228
Port Hardy	45	901	4	12	23	4	83
Prince Albert	18	2,363	11	11	33	18	162
Prince Rupert	51	376	25	17	8	25	26
Rankin Inlet	37	1,241	3	13	11	4	64
Red Deer Regional	4	3,808	31	10	64	31	285
Rouyn-Noranda	21	2,217	21	11	31	21	196
Saint John	31	1,650	2	13	25	31	136
Sept-Îles	17	2,545	8	16	29	12	189
Sioux Lookout	14	2,744	3	12	31	3	139
Smithers	42	1,024	31	11	60	7	99
St. Catharines	16	2,566	21	12	61	21	246
Sudbury	6	3,579	27	12	42	27	184
Terrace	33	1,532	16	14	71	16	136
Thompson	10	2,942	12	11	18	19	145
Timmins	20	2,232	6	9	24	17	102
Val-d'Or	27	1,954	16	21	49	9	143
Victoria Harbour	7	3,457	24	18	21	20	157
Wabush	35	1,325	27	13	16	31	82
Whitecourt	24	2,108	18	12	34	12	170
Williams Lake	47	782	26	19	12	9	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	24	4,088	1	13	35	13	242
Boundary Bay	17	5,345	1	13	45	1	347
Calgary International	3	19,985	12	18	62	18	794
Calgary/Springbank	19	4,917	1	10	41	29	311
Chicoutimi/St-Honoré	32	2,820	21	11	30	21	203
Edmonton City Centre	18	5,188	31	17	27	18	248
Edmonton International	6	11,122	16	7	39	19	443
Edmonton/Villeneuve	40	1,935	29	11	36	8	245
Fort McMurray	13	6,049	25	16	29	17	282
Fredericton International	33	2,603	22	12	18	31	194
Gander International	39	1,968	4	11	10	16	134
Halifax/Robert L. Stanfield International	10	7,258	19	13	23	31	294
Hamilton	35	2,524	1	13	18	11	128
Kelowna	22	4,367	17	10	21	10	178
Kitchener/Waterloo	27	3,762	28	15	49	11	271
Langley	31	3,089	1	12	33	1	213
London	21	4,512	9	12	29	5	276
Moncton/Greater Moncton International	30	3,211	31	17	19	31	244
Montréal/Pierre Elliott Trudeau International	4	19,910	11	18	62	30	729
Montréal/St-Hubert	11	7,079	25	17	51	30	575
Oshawa	38	2,234	7	11	27	21	176
Ottawa/Macdonald-Cartier International	5	11,463	11	17	44	25	508
Pitt Meadows	25	3,878	1	14	64	1	410
Prince George	37	2,432	4	16	14	19	122
Québec/Jean Lesage International	9	7,439	31	14	38	30	390
Regina International	26	3,794	12	16	18	5	184
Saskatoon/John G. Diefenbaker International	14	5,723	27	14	26	19	260
Sault Ste. Marie	34	2,595	26	15	17	26	144
St. John's International	28	3,747	3	7	15	2	155
St-Jean	42	1,067	1	14	33	1	273
Thunder Bay	16	5,372	27	15	32	5	249
Toronto/Billy Bishop Toronto City	12	7,030	7	13	31	9	323
Toronto/Buttonville Municipal	15	5,431	21	10	42	21	348
Toronto/Lester B. Pearson International	1	36,122	19	21	96	19	1,295
Vancouver Harbour	20	4,834	30	8	29	25	224
Vancouver International	2	25,520	20	16	83	20	958
Victoria International	8	8,185	1	13	41	19	375
Whitehorse International	36	2,517	15	10	31	15	194
Windsor	41	1,489	21	12	12	9	92
Winnipeg/James Armstrong Richardson International	7	10,801	19	14	38	20	439
Winnipeg/St. Andrews	29	3,319	20	11	29	25	188
Yellowknife	23	4,329	24	13	22	18	192

**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	6	2,463	29	12	33	29	188
Campbell River	19	1,698	3	14	17	20	97
Castlegar	48	524	4	11	8	4	43
Charlottetown	41	954	29	12	9	25	49
Churchill	43	928	4	10	8	10	48
Cranbrook	37	1,039	21	11	26	21	128
Deer Lake	26	1,397	9	16	24	9	77
Fort Nelson	17	1,797	10	10	18	31	131
Fort St. John	16	1,835	26	10	27	13	100
Grande Prairie	4	2,730	30	15	17	11	154
High Level	25	1,417	2	15	11	25	74
Îles-de-la-Madeleine	50	395	17	16	7	26	26
Inuvik/Mike Zubko	32	1,219	22	15	14	20	64
Iqaluit	20	1,698	13	14	14	13	88
Kamloops	13	1,925	28	13	24	4	106
Kenora	40	981	5	11	8	20	62
Kingston	23	1,539	25	12	15	25	95
Kuujuaq	35	1,086	4	16	10	25	59
La Grande Rivière	44	844	18	9	8	19	43
La Ronge	18	1,794	10	10	16	31	87
Lethbridge	27	1,387	30	10	22	31	99
Lloydminster	42	941	14	14	12	19	63
Medicine Hat	36	1,046	14	9	15	19	64
Mont-Joli	49	501	30	18	8	31	33
Montréal/Mirabel International	15	1,887	12	11	13	25	105
Nanaimo	7	2,304	19	18	22	19	158
Norman Wells	38	1,002	27	16	10	30	54
North Bay	12	1,994	17	16	16	25	119
Ottawa/Gatineau	14	1,924	12	15	24	13	138
Peace River	39	983	10	9	9	16	58
Penticton	28	1,338	4	9	16	4	75
Port Hardy	45	761	7	12	8	19	45
Prince Albert	11	2,071	18	14	22	18	140
Prince Rupert	51	358	15	10	6	27	19
Rankin Inlet	31	1,239	3	13	11	4	62
Red Deer Regional	10	2,102	1	11	39	1	160
Rouyn-Noranda	22	1,557	21	11	23	21	148
Saint John	33	1,198	25	18	9	19	68
Sept-Îles	8	2,291	12	16	15	30	132
Sioux Lookout	5	2,638	5	16	18	2	133
Smithers	47	730	19	10	8	19	44
St. Catharines	29	1,338	21	12	25	21	144
Sudbury	2	2,971	10	13	18	10	146
Terrace	34	1,106	13	15	18	12	71
Thompson	3	2,803	19	11	16	19	135
Timmins	9	2,190	12	16	15	10	99
Val-d'Or	24	1,504	29	14	17	10	81
Victoria Harbour	1	3,457	24	18	21	20	157
Wabush	30	1,273	17	10	14	31	72
Whitecourt	21	1,640	12	11	25	12	170
Williams Lake	46	756	26	19	12	9	41

**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	7	5,814	26	13	66	19	414
Boundary Bay	2	7,948	26	11	88	19	526
Calgary International	38	166	21	10	16	21	36
Calgary/Springbank	1	8,132	6	9	88	10	500
Chicoutimi/St-Honoré	5	6,420	17	13	112	27	520
Edmonton City Centre	34	454	31	19	18	31	54
Edmonton International	35	396	6	12	38	6	80
Edmonton/Villeneuve	10	4,862	18	11	82	6	308
Fort McMurray	32	792	1	16	24	1	128
Fredericton International	23	2,100	3	13	40	3	214
Gander International	33	788	8	21	36	10	88
Halifax/Robert L. Stanfield International	36	362	31	20	30	31	60
Hamilton	30	1,116	21	10	36	21	114
Kelowna	22	2,576	22	15	42	19	160
Kitchener/Waterloo	12	4,340	25	15	62	11	352
Langley	14	4,004	24	11	58	10	262
London	11	4,756	30	12	62	4	342
Moncton/Greater Moncton International	25	1,696	1	21	34	25	186
Montréal/Pierre Elliott Trudeau International	39	106	11	10	22	11	38
Montréal/St-Hubert	3	7,930	19	16	102	12	672
Oshawa	21	2,618	10	10	54	10	256
Ottawa/Macdonald-Cartier International	18	2,868	10	11	62	30	218
Pitt Meadows	4	6,634	25	9	76	31	404
Prince George	16	3,664	26	13	60	19	220
Québec/Jean Lesage International	15	3,812	1	21	60	9	286
Regina International	27	1,620	23	9	32	25	148
Saskatoon/John G. Diefenbaker International	17	3,030	19	14	48	5	216
Sault Ste. Marie	13	4,230	6	9	68	2	382
St. John's International	37	182	4	9	12	4	22
St-Jean	24	1,726	11	17	44	25	178
Thunder Bay	19	2,764	24	12	54	5	194
Toronto/Billy Bishop Toronto City	20	2,654	7	17	40	7	262
Toronto/Buttonville Municipal	6	6,117	5	8	100	12	516
Toronto/Lester B. Pearson International	40	88	3	11	6	29	18
Vancouver Harbour	42	6	4	8	2	4	4
Vancouver International	41	42	14	10	20	14	24
Victoria International	8	5,504	10	15	54	4	294
Whitehorse International	29	1,154	1	15	40	1	206
Windsor	31	818	18	13	26	9	104
Winnipeg/James Armstrong Richardson International	28	1,246	2	9	20	2	96
Winnipeg/St. Andrews	9	4,942	5	12	58	5	390
Yellowknife	26	1,660	11	12	34	28	108

**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	22	438	12	11	28	4	74
Campbell River	11	1,032	31	10	64	29	140
Castlegar	39	76	6	16	12	6	20
Charlottetown	36	102	19	21	18	19	24
Churchill	46	6	3	12	2	26	4
Cranbrook	30	176	2	15	14	22	36
Deer Lake	32	142	8	18	20	22	44
Fort Nelson	29	252	6	12	22	5	24
Fort St. John	25	373	22	4	38	18	44
Grande Prairie	5	1,396	5	11	44	5	244
High Level	18	482	16	18	38	16	116
Îles-de-la-Madeleine	0	0	0	0	0	0	0
Inuvik/Mike Zubko	38	78	15	18	8	7	10
Iqaluit	37	94	5	17	12	5	26
Kamloops	10	1,163	28	13	40	21	130
Kenora	24	404	3	17	40	3	96
Kingston	7	1,348	8	14	42	8	114
Kuujuaq	41	48	1	10	14	1	20
La Grande Rivière	47	6	11	16	2	11	2
La Ronge	17	528	21	18	26	9	48
Lethbridge	13	800	13	15	22	18	100
Lloydminster	14	738	11	9	34	10	62
Medicine Hat	31	170	15	9	16	17	40
Mont-Joli	0	0	0	0	0	0	0
Montréal/Mirabel International	8	1,260	24	10	36	12	94
Nanaimo	6	1,375	19	18	42	14	150
Norman Wells	12	1,031	18	9	40	7	72
North Bay	1	3,652	10	14	94	9	350
Ottawa/Gatineau	2	2,638	31	14	68	31	204
Peace River	43	30	14	11	6	14	6
Penticton	4	1,562	6	12	46	6	166
Port Hardy	33	140	4	12	20	4	54
Prince Albert	27	292	11	11	22	11	28
Prince Rupert	45	18	25	17	6	25	10
Rankin Inlet	48	2	4	11	2	4	2
Red Deer Regional	3	1,706	31	10	54	31	172
Rouyn-Noranda	15	660	19	11	22	25	66
Saint John	20	452	2	13	24	22	72
Sept-Îles	28	254	8	16	26	12	66
Sioux Lookout	35	106	3	12	24	3	24
Smithers	26	294	31	11	56	7	56
St. Catharines	9	1,228	29	16	40	28	114
Sudbury	16	608	26	15	34	26	60
Terrace	23	426	16	14	68	16	82
Thompson	34	139	30	22	11	22	22
Timmins	42	42	6	9	12	6	12
Val-d'Or	21	450	16	21	46	16	86
Victoria Harbour	0	0	0	0	0	0	0
Wabush	40	52	27	13	16	27	28
Whitecourt	19	468	18	12	30	2	70
Williams Lake	44	26	8	20	10	8	10

**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	7	5,814	26	13	66	19	414
Boundary Bay	2	7,948	26	11	88	19	526
Calgary International	38	166	21	10	16	21	36
Calgary/Springbank	1	8,132	6	9	88	10	500
Chicoutimi/St-Honoré	5	6,420	17	13	112	27	520
Edmonton City Centre	34	454	31	19	18	31	54
Edmonton International	35	392	6	12	38	6	80
Edmonton/Villeneuve	10	4,862	18	11	82	6	308
Fort McMurray	32	792	1	16	24	1	128
Fredericton International	23	2,098	3	13	40	3	214
Gander International	33	786	8	21	36	10	88
Halifax/Robert L. Stanfield International	36	352	31	20	30	31	60
Hamilton	30	1,116	21	10	36	21	114
Kelowna	22	2,568	22	15	42	19	160
Kitchener/Waterloo	12	4,340	25	15	62	11	352
Langley	14	4,004	24	11	58	10	262
London	11	4,748	30	12	62	4	342
Moncton/Greater Moncton International	25	1,692	1	21	34	25	186
Montréal/Pierre Elliott Trudeau International	39	102	11	10	22	11	38
Montréal/St-Hubert	3	7,922	19	16	102	12	672
Oshawa	21	2,618	10	10	54	10	256
Ottawa/Macdonald-Cartier International	18	2,864	10	11	62	30	216
Pitt Meadows	4	6,634	25	9	76	31	404
Prince George	16	3,662	26	13	60	19	220
Québec/Jean Lesage International	15	3,806	1	21	60	9	286
Regina International	27	1,400	23	9	32	25	138
Saskatoon/John G. Diefenbaker International	17	2,880	25	9	46	5	216
Sault Ste. Marie	13	4,224	6	9	68	2	382
St. John's International	37	176	4	9	12	4	22
St-Jean	24	1,726	11	17	44	25	178
Thunder Bay	19	2,746	24	12	54	5	192
Toronto/Billy Bishop Toronto City	20	2,650	7	17	40	7	262
Toronto/Buttonville Municipal	6	6,117	5	8	100	12	516
Toronto/Lester B. Pearson International	40	88	3	11	6	29	18
Vancouver Harbour	42	6	4	8	2	4	4
Vancouver International	41	42	14	10	20	14	24
Victoria International	8	5,498	10	15	54	4	294
Whitehorse International	29	1,154	1	15	40	1	206
Windsor	31	818	18	13	26	9	104
Winnipeg/James Armstrong Richardson International	28	1,244	2	9	20	2	96
Winnipeg/St. Andrews	9	4,942	5	12	58	5	390
Yellowknife	26	1,660	11	12	34	28	108

**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	24	356	12	11	28	2	44
Campbell River	10	1,032	31	10	64	29	140
Castlegar	39	76	6	16	12	6	20
Charlottetown	36	102	19	21	18	19	24
Churchill	46	6	3	12	2	26	4
Cranbrook	30	170	2	15	14	22	36
Deer Lake	32	142	8	18	20	22	44
Fort Nelson	29	252	6	12	22	5	24
Fort St. John	23	373	22	4	38	18	44
Grande Prairie	5	1,396	5	11	44	5	244
High Level	18	482	16	18	38	16	116
Îles-de-la-Madeleine	0	0	0	0	0	0	0
Inuvik/Mike Zubko	38	78	15	18	8	7	10
Iqaluit	37	94	5	17	12	5	26
Kamloops	9	1,123	3	16	36	21	130
Kenora	25	326	3	17	40	3	96
Kingston	6	1,330	8	14	42	8	114
Kuujuaq	41	42	1	10	14	1	20
La Grande Rivière	47	6	11	16	2	11	2
La Ronge	17	528	21	18	26	9	48
Lethbridge	13	760	13	15	22	18	100
Lloydminster	14	738	11	9	34	10	62
Medicine Hat	31	158	15	9	16	17	40
Mont-Joli	0	0	0	0	0	0	0
Montréal/Mirabel International	7	1,242	24	10	36	12	94
Nanaimo	12	945	19	18	42	19	108
Norman Wells	11	1,031	18	9	40	7	72
North Bay	1	3,640	10	14	94	9	350
Ottawa/Gatineau	2	2,632	31	14	68	31	204
Peace River	43	30	14	11	6	14	6
Penticton	4	1,562	6	12	46	6	166
Port Hardy	34	138	4	12	20	4	54
Prince Albert	27	284	11	11	22	11	28
Prince Rupert	45	18	25	17	6	25	10
Rankin Inlet	48	2	4	11	2	4	2
Red Deer Regional	3	1,672	31	10	54	31	172
Rouyn-Noranda	15	660	19	11	22	25	66
Saint John	20	452	2	13	24	22	72
Sept-Îles	28	254	8	16	26	12	66
Sioux Lookout	35	106	3	12	24	3	24
Smithers	26	294	31	11	56	7	56
St. Catharines	8	1,228	29	16	40	28	114
Sudbury	16	608	26	15	34	26	60
Terrace	22	426	16	14	68	16	82
Thompson	33	139	30	22	11	22	22
Timmins	42	42	6	9	12	6	12
Val-d'Or	21	450	16	21	46	16	86
Victoria Harbour	0	0	0	0	0	0	0
Wabush	40	52	27	13	16	27	28
Whitecourt	19	468	18	12	30	2	70
Williams Lake	44	26	8	20	10	8	10

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

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Abbotsford	0	0	0	0	0	0	0
Boundary Bay	0	0	0	0	0	0	0
Calgary International	0	0	0	0	0	0	0
Calgary/Springbank	0	0	0	0	0	0	0
Chicoutimi/St-Honoré	0	0	0	0	0	0	0
Edmonton City Centre	0	0	0	0	0	0	0
Edmonton International	12	4	17	14	2	17	2
Edmonton/Villeneuve	0	0	0	0	0	0	0
Fort McMurray	0	0	0	0	0	0	0
Fredericton International	18	2	2	16	2	2	2
Gander International	17	2	25	12	2	25	2
Halifax/Robert L. Stanfield International	4	10	6	22	4	6	4
Hamilton	0	0	0	0	0	0	0
Kelowna	6	8	1	15	2	13	4
Kitchener/Waterloo	0	0	0	0	0	0	0
Langley	0	0	0	0	0	0	0
London	5	8	8	18	8	8	8
Moncton/Greater Moncton International	15	4	5	8	2	5	2
Montréal/Pierre Elliott Trudeau International	14	4	4	14	2	4	2
Montréal/St-Hubert	7	8	20	15	2	25	4
Oshawa	0	0	0	0	0	0	0
Ottawa/Macdonald-Cartier International	13	4	27	17	2	27	2
Pitt Meadows	0	0	0	0	0	0	0
Prince George	19	2	18	8	2	18	2
Québec/Jean Lesage International	10	6	1	11	6	1	6
Regina International	1	220	26	8	10	12	20
Saskatoon/John G. Diefenbaker International	2	150	28	22	32	28	34
Sault Ste. Marie	9	6	18	14	6	18	6
St. John's International	8	6	17	18	6	17	6
St-Jean	0	0	0	0	0	0	0
Thunder Bay	3	18	1	13	8	1	12
Toronto/Billy Bishop Toronto City	16	4	8	14	4	8	4
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	11	6	11	13	2	11	2
Whitehorse International	0	0	0	0	0	0	0
Windsor	0	0	0	0	0	0	0
Winnipeg/James Armstrong Richardson International	20	2	16	6	2	16	2
Winnipeg/St. Andrews	0	0	0	0	0	0	0
Yellowknife	0	0	0	0	0	0	0

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

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Brandon Municipal	2	82	4	10	12	4	46
Campbell River	0	0	0	0	0	0	0
Castlegar	0	0	0	0	0	0	0
Charlottetown	0	0	0	0	0	0	0
Churchill	0	0	0	0	0	0	0
Cranbrook	14	6	2	14	6	2	6
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	5	40	28	13	40	28	40
Kenora	3	78	10	11	20	10	28
Kingston	8	18	19	18	18	19	18
Kuujuaq	13	6	13	13	6	13	6
La Grande Rivière	0	0	0	0	0	0	0
La Ronge	0	0	0	0	0	0	0
Lethbridge	4	40	10	22	16	11	22
Lloydminster	0	0	0	0	0	0	0
Medicine Hat	10	12	2	12	12	2	12
Mont-Joli	0	0	0	0	0	0	0
Montréal/Mirabel International	7	18	4	15	8	4	8
Nanaimo	1	430	1	14	32	14	124
Norman Wells	0	0	0	0	0	0	0
North Bay	9	12	18	10	6	18	10
Ottawa/Gatineau	12	6	13	18	6	13	6
Peace River	0	0	0	0	0	0	0
Penticton	0	0	0	0	0	0	0
Port Hardy	15	2	16	11	2	16	2
Prince Albert	11	8	14	11	4	14	6
Prince Rupert	0	0	0	0	0	0	0
Rankin Inlet	0	0	0	0	0	0	0
Red Deer Regional	6	34	7	14	14	7	14
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**

The main runway at Greater Moncton International Airport will be closed for a massive reconstruction from May to August 2011.

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

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

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

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

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

Effective September 2010, the Calgary Airport Authority no longer permits anyone with a student pilot permit to take off or land at the Calgary International Airport. This has resulted in increased training flights at the nearby Calgary/Springbank Airport.

Effective July 1, 2010, NAV CANADA has changed the method it uses to collect local movements at the airports with air traffic control towers. This change may make comparisons to previous months' counts unreliable.

Effective June 23, 2010, Virgin America Airlines launched direct daily service between Toronto/Lester B Pearson International, Ontario and California's two busiest terminals, in Los Angeles and San Francisco.

## **Appendix II**

---

### **Glossary of terms**

#### **Air carrier**

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

**Level I-III air carriers:** Effective 2010, Canadian air carriers that, in each of the two calendar years immediately preceding the report year, realized annual gross revenues of \$2,000,000 or more for the air services for which the air carrier held a licence. Also includes foreign air carriers.

**Level IV-VI air carriers:** Effective 2010, Canadian air carriers that, in the calendar year immediately preceding the report year, realized annual gross revenues of less than \$2,000,000 for the air services for which the air carrier held a licence. Between 2000 and 2009, levels IV and VI were not applicable.

#### **Aircraft movement**

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

#### **Class of operation**

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

#### **Commercial**

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

#### **Domestic itinerant movements**

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

#### **FSS**

Flight service station.

#### **Government-Civil**

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

#### **Government-Military**

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

## I.F.R. flight

A flight conducted in accordance with Instrument Flight Rules.

## International movements

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

## Itinerant movements

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

## Local movements

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

## Maximum take-off weight

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

## Other commercial

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

## Power plant

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

## Private aircraft

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

## **Runway 88**

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

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

## **Simulated approaches**

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

## **TC**

Transport Canada.

## **Tower control zone**

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

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

A flight conducted in accordance with Visual flight rules.

## **Weight group**

The classification of weight classes in groups for statistical purposes.