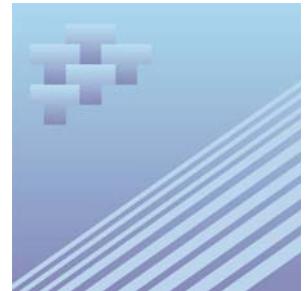


# Aircraft Movement Statistics: NAV CANADA Towers and Flight Service Stations (TP 141)



March 2012



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)

March 2012

Published by authority of the Minister responsible for Statistics Canada

© Minister of Industry, 2012 and the © Minister of Transport, 2012

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

<http://www.statcan.gc.ca/reference/copyright-droit-auteur-eng.htm>

April 2012

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, Conrad Ogrodnik, John Scolli** and **Bev Pomfret** contributed to the preparation of this publication.

# Table of contents

---

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

**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

---

There were 456,313 aircraft take-offs and landings at the 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations in March 2012 compared with 452,257 movements in March 2011.

Itinerant movements (flights from one airport to another) increased 1.6% (+5,016 movements) in March 2012 from the same month the previous year. These airports reported 322,508 movements compared with 317,492 movements in March 2011.

In March 2012, there were 133,805 local movements (flights that remain in the vicinity of the airport) recorded. This represents a decrease of 0.7% (-960 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, March 2011 to March 2012	NAV CANADA Flight Service Stations number	Percentage change, March 2011 to March 2012	Total number	Percentage change, March 2011 to March 2012
	number	percent	number	percent	number	percent
<b>Grand total</b>	<b>365,870</b>	<b>-0.1</b>	<b>90,443</b>	<b>5.2</b>	<b>456,313</b>	<b>0.9</b>
<b>Itinerant movements</b>						
Air carriers	210,314	1.1	51,513	1.7	261,827	1.2
Other commercial movements	20,101	5.1	2,440	-5.2	22,541	3.8
Private movements	22,026	7.5	7,260	8.3	29,286	7.7
Government civil movements	4,321	-12.9	1,822	-2.4	6,143	-10.0
Government military movements	1,976	-10.5	735	-20.4	2,711	-13.4
Itinerant total	258,738	1.5	63,770	1.7	322,508	1.6
<b>Local movements</b>						
Civil local movements	106,744	-3.9	26,527	14.9	133,271	-0.7
Military local movements	388	2.6	146	-24.4	534	-6.5
Local total	107,132	-3.9	26,673	14.6	133,805	-0.7

## Analysis

---

There were 456,313 aircraft take-offs and landings at the 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations in March 2012 compared with 452,257 movements in March 2011. Year-over-year increases were reported by 50 airports. Toronto/Lester B. Pearson International, Ontario (37,012 movements) followed by Vancouver International, British Columbia (24,121 movements) were the most active sites in March 2012.

Itinerant movements (flights from one airport to another) increased 1.6% (+5,016 movements) in March 2012 from the same month the previous year. These airports reported 322,508 movements compared with 317,492 movements in March 2011. Year-over-year variations ranged from an increase of 1,460 movements (+27.8%) at Toronto/Billy Bishop Toronto City, Ontario to a drop of 1,031 movements (-23.1%) at Moncton/Greater Moncton International, New Brunswick. Forty-nine airports reported year-over-year increases in the number of itinerant aircraft movements in March 2012.

In March 2012, there were 133,805 local movements (flights that remain in the vicinity of the airport) recorded. This represents a decrease of 0.7% (-960 movements) compared with the previous year. Montréal/St-Hubert, Quebec (9,000 movements) followed by Calgary/Springbank, Alberta (6,902 movements) recorded the largest number of local movements.

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

There were 264,713 domestic itinerant movements reported by 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations in March 2012, up 1.6% (+4,246 movements) from March 2011. Vancouver International, British Columbia (17,853 movements) followed by Calgary International, Alberta (15,509 movements) reported the greatest number of domestic itinerant movements. Forty-seven airports reported year-over-year increases in the number of domestic movements in March 2012.

Seventy-two airports recorded 43,656 transborder itinerant movements (between Canada and the United States) in March 2012, remaining virtually unchanged (-0.3%) from March 2011. Toronto/Lester B. Pearson International, Ontario (16,256 movements) reported the greatest number of transborder itinerant movements.

In March 2012, forty-five airports reported 14,139 other international itinerant movements, up 6.7% from March 2011. Toronto/Lester B. Pearson International, Ontario, recorded 6,025 other international itinerant movements. This represents 42.6% 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	14	9,049	29	3,083	3	5,966
Boundary Bay	13	9,281	24	3,557	5	5,724
Calgary International	4	19,825	4	19,705	38	120
Calgary/Springbank	9	10,935	19	4,033	2	6,902
Chicoutimi/St-Honoré	20	7,559	37	1,719	4	5,840
Edmonton City Centre	30	4,940	16	4,338	33	602
Edmonton International	7	12,056	5	11,718	35	338
Edmonton/Villeneuve	27	5,440	41	846	9	4,594
Fort McMurray	33	4,602	21	3,936	32	666
Fredericton International	18	8,258	22	3,600	8	4,658
Gander International	41	2,124	39	1,372	30	752
Halifax/Robert L. Stanfield International	21	7,179	9	6,863	36	316
Hamilton	39	2,774	34	2,084	31	690
Kelowna	24	6,350	20	3,962	20	2,388
Kitchener/Waterloo	16	8,578	26	3,456	7	5,122
Langley	32	4,741	35	1,993	17	2,748
London	23	6,897	25	3,467	14	3,430
Moncton/Greater Moncton International	29	5,270	27	3,428	23	1,842
Montréal/Pierre Elliott Trudeau International	3	20,094	3	20,012	39	82
Montréal/St-Hubert	5	15,563	11	6,563	1	9,000
Oshawa	34	4,297	32	2,299	22	1,998
Ottawa/Macdonald-Cartier International	6	13,970	6	11,394	18	2,576
Pitt Meadows	26	6,069	33	2,117	11	3,952
Prince George	37	3,039	36	1,939	28	1,100
Québec/Jean Lesage International	8	11,374	8	7,758	12	3,616
Regina International	31	4,865	23	3,561	26	1,304
Saskatoon/John G. Diefenbaker International	19	8,037	13	5,495	19	2,542
Sault Ste. Marie	25	6,080	30	2,620	13	3,460
St. John's International	36	3,248	28	3,166	40	82
St-Jean	40	2,323	42	719	24	1,604
Thunder Bay	17	8,559	14	5,239	16	3,320
Toronto/Billy Bishop Toronto City	15	8,811	10	6,715	21	2,096
Toronto/Buttonville Municipal	10	10,773	15	5,061	6	5,712
Toronto/Lester B. Pearson International	1	37,012	1	36,792	37	220
Vancouver Harbour	35	4,161	17	4,161	0	0
Vancouver International	2	24,121	2	24,105	41	16
Victoria International	12	9,881	12	6,473	15	3,408
Whitehorse International	38	2,892	38	1,514	25	1,378
Windsor	42	1,800	40	1,372	34	428
Winnipeg/James Armstrong Richardson International	11	10,684	7	9,748	29	936
Winnipeg/St. Andrews	22	6,941	31	2,613	10	4,328
Yellowknife	28	5,418	18	4,142	27	1,276
<b>Total of NAV CANADA towers (42)</b>	.	<b>365,870</b>	.	<b>258,738</b>	.	<b>107,132</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	21	1,696	35	864	11	832
Campbell River	32	1,337	28	1,057	25	280
Castlegar	38	1,028	47	598	22	430
Charlottetown	39	934	36	810	28	124
Churchill	47	719	42	703	45	16
Cranbrook	43	802	40	760	41	42
Deer Lake	19	1,816	20	1,400	23	416
Fort Nelson	27	1,507	21	1,397	31	110
Fort St. John	4	3,664	12	1,672	3	1,992
Grande Prairie	2	3,798	6	2,194	6	1,604
High Level	37	1,074	48	582	18	492
Îles-de-la-Madeleine	49	631	45	631	0	0
Inuvik/Mike Zubko	41	909	34	889	43	20
Iqaluit	28	1,504	15	1,462	40	42
Kamloops	15	2,300	10	1,686	12	614
Kenora	34	1,285	38	777	16	508
Kingston	11	2,505	13	1,511	9	994
Kuujuaq	35	1,167	26	1,083	36	84
La Grande Rivière	44	788	39	765	42	23
La Ronge	23	1,627	17	1,452	27	175
Lethbridge	26	1,532	27	1,077	20	455
Lloydminster	31	1,369	37	807	14	562
Medicine Hat	30	1,459	29	1,044	24	415
Mont-Joli	48	642	44	642	0	0
Montréal/Mirabel International	12	2,415	30	1,029	7	1,386
Nanaimo	13	2,364	19	1,410	10	954
Norman Wells	18	2,046	8	1,962	35	84
North Bay	1	5,375	9	1,797	1	3,578
Ottawa/Gatineau	3	3,684	16	1,460	2	2,224
Peace River	45	747	43	651	32	96
Penticton	17	2,101	32	934	8	1,167
Port Hardy	42	823	41	705	29	118
Prince Albert	24	1,557	14	1,499	38	58
Prince Rupert	51	281	51	271	48	10
Rankin Inlet	40	916	33	910	49	6
Red Deer Regional	5	3,185	18	1,425	4	1,760
Rouyn-Noranda	33	1,292	24	1,204	34	88
Saint John	22	1,661	25	1,143	15	518
Sept-Îles	7	2,974	4	2,498	19	476
Sioux Lookout	9	2,666	1	2,595	37	71
Smithers	50	559	49	547	47	12
St. Catharines	8	2,965	23	1,221	5	1,744
Sudbury	6	3,002	3	2,498	17	504
Terrace	29	1,466	31	1,028	21	438
Thompson	14	2,336	5	2,323	46	13
Timmins	16	2,247	7	2,157	33	90
Val-d'Or	25	1,547	22	1,273	26	274
Victoria Harbour	10	2,554	2	2,538	44	16
Wabush	20	1,727	11	1,673	39	54
Whitecourt	36	1,136	50	544	13	592
Williams Lake	46	724	46	612	30	112
<b>Total of all flight service stations (51)</b>	.	<b>90,443</b>	.	<b>63,770</b>	.	<b>26,673</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	8,985	2,432	587	5,966	64	64
Boundary Bay	9,279	2,621	934	5,724	2	2
Calgary International	19,785	18,250	1,415	120	40	40
Calgary/Springbank	10,927	2,870	1,155	6,902	8	8
Chicoutimi/St-Honoré	7,545	1,627	92	5,826	14	0
Edmonton City Centre	4,921	3,079	1,246	596	19	13
Edmonton International	12,011	10,982	701	328	45	35
Edmonton/Villeneuve	5,440	542	304	4,594	0	0
Fort McMurray	4,598	3,301	631	666	4	4
Fredericton International	8,217	3,429	136	4,652	41	35
Gander International	2,016	1,092	172	752	108	0
Halifax/Robert L. Stanfield International	6,999	6,416	281	302	180	166
Hamilton	2,765	1,721	354	690	9	9
Kelowna	6,312	3,511	429	2,372	38	22
Kitchener/Waterloo	8,578	2,668	788	5,122	0	0
Langley	4,623	1,078	797	2,748	118	118
London	6,876	2,853	601	3,422	21	13
Moncton/Greater Moncton International	5,260	3,203	219	1,838	10	6
Montréal/Pierre Elliott Trudeau International	20,079	18,903	1,094	82	15	15
Montréal/St-Hubert	15,465	5,288	1,177	9,000	98	98
Oshawa	4,295	1,551	746	1,998	2	2
Ottawa/Macdonald-Cartier International	13,840	10,483	785	2,572	130	126
Pitt Meadows	6,069	1,139	978	3,952	0	0
Prince George	3,029	1,575	356	1,098	10	8
Québec/Jean Lesage International	11,307	6,676	1,027	3,604	67	55
Regina International	4,649	2,994	543	1,112	216	24
Saskatoon/John G. Diefenbaker International	7,913	4,672	755	2,486	124	68
Sault Ste. Marie	6,052	2,420	174	3,458	28	26
St. John's International	3,081	2,778	221	82	167	167
St-Jean	2,213	215	398	1,600	110	106
Thunder Bay	8,524	4,804	402	3,318	35	33
Toronto/Billy Bishop Toronto City	8,803	6,335	372	2,096	8	8
Toronto/Buttonville Municipal	10,763	2,929	2,122	5,712	10	10
Toronto/Lester B. Pearson International	36,983	35,588	1,175	220	29	29
Vancouver Harbour	4,161	4,124	37	0	0	0
Vancouver International	24,091	23,203	872	16	30	30
Victoria International	9,693	5,429	884	3,380	188	160
Whitehorse International	2,888	1,300	214	1,374	4	0
Windsor	1,786	1,110	252	424	14	10
Winnipeg/James Armstrong Richardson International	10,409	8,929	544	936	275	275
Winnipeg/St. Andrews	6,939	2,343	268	4,328	2	2
Yellowknife	5,337	3,952	109	1,276	81	81
<b>Total of NAV CANADA towers (42)</b>	<b>363,506</b>	<b>230,415</b>	<b>26,347</b>	<b>106,744</b>	<b>2,364</b>	<b>1,976</b>
						<b>388</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	1,401	353	258	790	295	253
Campbell River	1,331	839	218	274	6	0
Castlegar	1,026	567	29	430	2	2
Charlottetown	906	660	126	120	28	24
Churchill	719	663	40	16	0	0
Cranbrook	797	679	76	42	5	5
Deer Lake	1,779	1,292	71	416	37	37
Fort Nelson	1,486	1,312	64	110	21	21
Fort St. John	3,658	1,438	228	1,992	6	6
Grande Prairie	3,796	1,850	342	1,604	2	2
High Level	1,074	512	70	492	0	0
Îles-de-la-Madeleine	621	445	176	0	10	0
Inuvik/Mike Zubko	907	842	45	20	2	0
Iqaluit	1,492	1,333	117	42	12	12
Kamloops	2,292	1,384	294	614	8	8
Kenora	1,171	638	75	458	114	64
Kingston	2,457	1,118	355	984	48	38
Kuujuaq	1,161	1,040	37	84	6	6
La Grande Rivière	788	721	44	23	0	0
La Ronge	1,623	1,378	70	175	4	4
Lethbridge	1,520	755	310	455	12	12
Lloydminster	1,361	504	295	562	8	8
Medicine Hat	1,453	826	212	415	6	6
Mont-Joli	629	572	57	0	13	13
Montréal/Mirabel International	2,403	821	200	1,382	12	8
Nanaimo	2,364	923	487	954	0	0
Norman Wells	2,043	1,954	5	84	3	3
North Bay	5,320	1,398	348	3,574	55	51
Ottawa/Gatineau	3,674	655	795	2,224	10	10
Peace River	747	591	60	96	0	0
Penticton	2,095	737	191	1,167	6	6
Port Hardy	809	604	91	114	14	10
Prince Albert	1,547	1,290	199	58	10	10
Prince Rupert	281	252	19	10	0	0
Rankin Inlet	916	910	0	6	0	0
Red Deer Regional	3,183	860	563	1,760	2	2
Rouyn-Noranda	1,292	1,044	160	88	0	0
Saint John	1,656	842	298	516	5	3
Sept-Îles	2,972	2,308	188	476	2	2
Sioux Lookout	2,620	2,436	113	71	46	46
Smithers	559	467	80	12	0	0
St. Catharines	2,965	815	406	1,744	0	0
Sudbury	2,994	2,196	294	504	8	8
Terrace	1,466	970	58	438	0	0
Thompson	2,336	2,147	176	13	0	0
Timmins	2,241	2,024	127	90	6	6
Val-d'Or	1,529	1,008	247	274	18	18
Victoria Harbour	2,545	2,410	119	16	9	9
Wabush	1,727	1,569	104	54	0	0
Whitecourt	1,136	480	64	592	0	0
Williams Lake	694	521	81	92	30	10
<b>Total of all flight service stations (51)</b>	<b>89,562</b>	<b>53,953</b>	<b>9,082</b>	<b>26,527</b>	<b>881</b>	<b>735</b>
						<b>146</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	3,083	486	1,894	52	497	90	64
Boundary Bay	3,557	11	780	1,830	916	18	2
Calgary International	19,705	17,090	755	405	1,261	154	40
Calgary/Springbank	4,033	26	803	2,041	1,141	14	8
Chicoutimi/St-Honoré	1,719	590	34	1,003	90	2	0
Edmonton City Centre	4,338	1,254	559	1,266	592	654	13
Edmonton International	11,718	10,713	221	48	679	22	35
Edmonton/Villeneuve	846	0	83	459	302	2	0
Fort McMurray	3,936	1,707	1,540	54	605	26	4
Fredericton International	3,600	735	2,694	0	98	38	35
Gander International	1,372	1,014	39	39	146	26	108
Halifax/Robert L. Stanfield International	6,863	6,031	377	8	257	24	166
Hamilton	2,084	1,564	143	14	234	120	9
Kelowna	3,962	2,816	353	342	343	86	22
Kitchener/Waterloo	3,456	399	2,213	56	784	4	0
Langley	1,993	6	68	1,004	794	3	118
London	3,467	1,179	239	1,435	539	62	13
Moncton/Greater Moncton International	3,428	1,786	1,416	1	117	102	6
Montréal/Pierre Elliott Trudeau International	20,012	17,871	962	70	937	157	15
Montréal/St-Hubert	6,563	3,068	659	1,561	1,125	52	98
Oshawa	2,299	41	172	1,338	655	91	2
Ottawa/Macdonald-Cartier International	11,394	8,548	204	1,731	321	464	126
Pitt Meadows	2,117	6	856	277	968	10	0
Prince George	1,939	1,198	330	47	275	81	8
Québec/Jean Lesage International	7,758	4,482	1,808	386	697	330	55
Regina International	3,561	2,288	661	45	365	178	24
Saskatoon/John G. Diefenbaker International	5,495	3,468	990	214	448	307	68
Sault Ste. Marie	2,620	1,104	33	1,283	97	77	26
St. John's International	3,166	2,416	343	19	71	150	167
St-Jean	719	2	130	83	396	2	106
Thunder Bay	5,239	3,515	180	1,109	248	154	33
Toronto/Billy Bishop Toronto City	6,715	5,159	326	850	356	16	8
Toronto/Buttonville Municipal	5,061	268	2,574	87	2,078	44	10
Toronto/Lester B. Pearson International	36,792	34,985	570	33	1,151	24	29
Vancouver Harbour	4,161	3,829	295	0	36	1	0
Vancouver International	24,105	21,725	1,379	99	631	241	30
Victoria International	6,473	3,090	2,129	210	848	36	160
Whitehorse International	1,514	886	404	10	172	42	0
Windsor	1,372	545	539	26	232	20	10
Winnipeg/James Armstrong Richardson International	9,748	8,608	270	51	200	344	275
Winnipeg/St. Andrews	2,613	494	1,344	505	268	0	2
Yellowknife	4,142	3,155	787	10	56	53	81
<b>Total of NAV CANADA towers (42)</b>	<b>258,738</b>	<b>178,158</b>	<b>32,156</b>	<b>20,101</b>	<b>22,026</b>	<b>4,321</b>	<b>1,976</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	864	108	210	35	219	39	253
Campbell River	1,057	626	125	88	196	22	0
Castlegar	598	262	50	255	21	8	2
Charlottetown	810	594	64	2	89	37	24
Churchill	703	649	8	6	12	28	0
Cranbrook	760	649	30	0	70	6	5
Deer Lake	1,400	1,187	105	0	6	65	37
Fort Nelson	1,397	480	831	1	55	9	21
Fort St. John	1,672	819	618	1	196	32	6
Grande Prairie	2,194	1,120	659	71	319	23	2
High Level	582	338	170	4	58	12	0
Îles-de-la-Madeleine	631	355	90	0	10	166	10
Inuvik/Mike Zubko	889	613	229	0	27	18	2
Iqaluit	1,462	1,197	80	56	75	42	12
Kamloops	1,686	1,028	305	51	249	45	8
Kenora	777	518	108	12	51	24	64
Kingston	1,511	528	280	310	331	24	38
Kuujjuaq	1,083	896	140	4	7	30	6
La Grande Rivière	765	573	142	6	42	2	0
La Ronge	1,452	1,324	52	2	22	48	4
Lethbridge	1,077	465	33	257	290	20	12
Lloydminster	807	214	265	25	269	26	8
Medicine Hat	1,044	539	184	103	195	17	6
Mont-Joli	642	441	119	12	25	32	13
Montréal/Mirabel International	1,029	758	59	4	198	2	8
Nanaimo	1,410	390	521	12	449	38	0
Norman Wells	1,962	560	1,393	1	3	2	3
North Bay	1,797	676	449	273	298	50	51
Ottawa/Gatineau	1,460	132	336	187	738	57	10
Peace River	651	471	112	8	45	15	0
Penticton	934	324	378	35	177	14	6
Port Hardy	705	567	31	6	38	53	10
Prince Albert	1,499	1,245	36	9	93	106	10
Prince Rupert	271	244	6	2	7	12	0
Rankin Inlet	910	825	18	67	0	0	0
Red Deer Regional	1,425	176	571	113	527	36	2
Rouyn-Noranda	1,204	842	154	48	140	20	0
Saint John	1,143	720	59	63	294	4	3
Sept-Îles	2,498	1,477	803	28	108	80	2
Sioux Lookout	2,595	2,168	152	116	25	88	46
Smithers	547	390	71	6	64	16	0
St. Catharines	1,221	11	756	48	406	0	0
Sudbury	2,498	2,001	157	38	234	60	8
Terrace	1,028	616	352	2	46	12	0
Thompson	2,323	1,858	287	2	18	158	0
Timmins	2,157	1,891	133	0	80	47	6
Val-d'Or	1,273	888	118	2	223	24	18
Victoria Harbour	2,538	2,384	26	0	6	113	9
Wabush	1,673	1,257	310	2	82	22	0
Whitecourt	544	53	366	61	56	8	0
Williams Lake	612	408	107	6	71	10	10
<b>Total of all flight service stations (51)</b>	<b>63,770</b>	<b>38,855</b>	<b>12,658</b>	<b>2,440</b>	<b>7,260</b>	<b>1,822</b>	<b>735</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	3,083	849	27.5	2,234	72.4	1,326
Boundary Bay	3,557	222	6.2	3,335	93.7	514
Calgary International	19,705	18,754	95.1	951	4.8	335
Calgary/Springbank	4,033	304	7.5	3,729	92.4	95
Chicoutimi/St-Honoré	1,719	201	11.6	1,518	88.3	104
Edmonton City Centre	4,338	2,021	46.5	2,317	53.4	1,186
Edmonton International	11,718	11,303	96.4	415	3.5	593
Edmonton/Villeneuve	846	47	5.5	799	94.4	92
Fort McMurray	3,936	2,188	55.5	1,748	44.4	138
Fredericton International	3,600	977	27.1	2,623	72.8	91
Gander International	1,372	1,038	75.6	334	24.3	53
Halifax/Robert L. Stanfield International	6,863	6,536	95.2	327	4.7	164
Hamilton	2,084	1,822	87.4	262	12.5	948
Kelowna	3,962	2,636	66.5	1,326	33.4	527
Kitchener/Waterloo	3,456	659	19.0	2,797	80.9	586
Langley	1,993	30	1.5	1,963	98.4	496
London	3,467	1,285	37.0	2,182	62.9	263
Moncton/Greater Moncton International	3,428	1,972	57.5	1,456	42.4	78
Montréal/Pierre Elliott Trudeau International	20,012	19,606	97.9	406	2.0	1,033
Montréal/St-Hubert	6,563	1,848	28.1	4,715	71.8	807
Oshawa	2,299	117	5.0	2,182	94.9	472
Ottawa/Macdonald-Cartier International	11,394	9,213	80.8	2,181	19.1	451
Pitt Meadows	2,117	40	1.8	2,077	98.1	1,259
Prince George	1,939	1,332	68.6	607	31.3	236
Québec/Jean Lesage International	7,758	5,486	70.7	2,272	29.2	709
Regina International	3,561	2,671	75.0	890	24.9	88
Saskatoon/John G. Diefenbaker International	5,495	3,900	70.9	1,595	29.0	117
Sault Ste. Marie	2,620	1,193	45.5	1,427	54.4	89
St. John's International	3,166	2,918	92.1	248	7.8	82
St-Jean	719	7	0.9	712	99.0	268
Thunder Bay	5,239	3,703	70.6	1,536	29.3	133
Toronto/Billy Bishop Toronto City	6,715	5,272	78.5	1,443	21.4	1,481
Toronto/Buttonville Municipal	5,061	810	16.0	4,251	83.9	1,093
Toronto/Lester B. Pearson International	36,792	36,651	99.6	141	0.3	232
Vancouver Harbour	4,161	64	1.5	4,097	98.4	1,270
Vancouver International	24,105	20,663	85.7	3,442	14.2	7,873
Victoria International	6,473	3,468	53.5	3,005	46.4	3,031
Whitehorse International	1,514	583	38.5	931	61.4	430
Windsor	1,372	712	51.8	660	48.1	54
Winnipeg/James Armstrong Richardson International	9,748	9,016	92.4	732	7.5	253
Winnipeg/St. Andrews	2,613	106	4.0	2,507	95.9	85
Yellowknife	4,142	2,149	51.8	1,993	48.1	610
<b>Total of NAV CANADA towers (42)</b>	<b>258,738</b>	<b>184,372</b>	<b>71.3</b>	<b>74,366</b>	<b>28.7</b>	<b>29,745</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	864	208	24.0	656	75.9	22
Campbell River	1,057	521	49.2	536	50.7	291
Castlegar	598	262	43.8	336	56.1	54
Charlottetown	810	637	78.6	173	21.3	52
Churchill	703	674	95.8	29	4.1	17
Cranbrook	760	681	89.6	79	10.3	89
Deer Lake	1,400	1,230	87.8	170	12.1	27
Fort Nelson	1,397	522	37.3	875	62.6	21
Fort St. John	1,672	923	55.2	749	44.7	64
Grande Prairie	2,194	1,289	58.7	905	41.2	78
High Level	582	232	39.8	350	60.1	83
Îles-de-la-Madeleine	631	433	68.6	198	31.3	325
Inuvik/Mike Zubko	889	281	31.6	608	68.3	21
Iqaluit	1,462	1,199	82.0	263	17.9	0
Kamloops	1,686	1,180	69.9	506	30.0	339
Kenora	777	431	55.4	346	44.5	138
Kingston	1,511	642	42.4	869	57.5	122
Kuujuaq	1,083	485	44.7	598	55.2	17
La Grande Rivière	765	622	81.3	143	18.6	50
La Ronge	1,452	670	46.1	782	53.8	383
Lethbridge	1,077	599	55.6	478	44.3	19
Lloydminster	807	257	31.8	550	68.1	12
Medicine Hat	1,044	488	46.7	556	53.2	86
Mont-Joli	642	612	95.3	30	4.6	4
Montréal/Mirabel International	1,029	843	81.9	186	18.0	720
Nanaimo	1,410	515	36.5	895	63.4	547
Norman Wells	1,962	207	10.5	1,755	89.4	135
North Bay	1,797	764	42.5	1,033	57.4	405
Ottawa/Gatineau	1,460	219	15.0	1,241	85.0	226
Peace River	651	399	61.2	252	38.7	11
Penticton	934	270	28.9	664	71.0	115
Port Hardy	705	191	27.0	514	72.9	198
Prince Albert	1,499	1,347	89.8	152	10.1	32
Prince Rupert	271	205	75.6	66	24.3	21
Rankin Inlet	910	782	85.9	128	14.0	0
Red Deer Regional	1,425	296	20.7	1,129	79.2	218
Rouyn-Noranda	1,204	1,052	87.3	152	12.6	23
Saint John	1,143	927	81.1	216	18.8	33
Sept-Îles	2,498	1,949	78.0	549	21.9	317
Sioux Lookout	2,595	1,929	74.3	666	25.6	140
Smithers	547	378	69.1	169	30.8	273
St. Catharines	1,221	101	8.2	1,120	91.7	244
Sudbury	2,498	1,880	75.2	618	24.7	97
Terrace	1,028	611	59.4	417	40.5	183
Thompson	2,323	1,578	67.9	745	32.0	4
Timmins	2,157	1,890	87.6	267	12.3	50
Val-d'Or	1,273	936	73.5	337	26.4	137
Victoria Harbour	2,538	77	3.0	2,461	96.9	767
Wabush	1,673	1,472	87.9	201	12.0	87
Whitecourt	544	62	11.3	482	88.6	43
Williams Lake	612	418	68.3	194	31.6	82
<b>Total of all flight service stations (51)</b>	<b>63,770</b>	<b>36,376</b>	<b>57.0</b>	<b>27,394</b>	<b>43.0</b>	<b>7,422</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	3,083	482	333	1,373	882	13
Boundary Bay	3,557	22	72	3,260	203	0
Calgary International	19,705	13,072	5,567	282	784	0
Calgary/Springbank	4,033	35	84	3,046	868	0
Chicoutimi/St-Honoré	1,719	0	120	1,371	225	3
Edmonton City Centre	4,338	309	1,684	1,637	708	0
Edmonton International	11,718	7,040	4,295	357	26	0
Edmonton/Villeneuve	846	25	12	716	93	0
Fort McMurray	3,936	1,248	1,127	790	771	0
Fredericton International	3,600	64	973	2,454	109	0
Gander International	1,372	421	578	280	93	0
Halifax/Robert L. Stanfield International	6,863	3,854	2,618	149	242	0
Hamilton	2,084	1,226	627	110	121	0
Kelowna	3,962	1,242	1,427	965	328	0
Kitchener/Waterloo	3,456	180	392	2,693	191	0
Langley	1,993	0	0	1,664	271	58
London	3,467	392	928	2,010	137	0
Moncton/Greater Moncton International	3,428	849	1,092	1,419	68	0
Montréal/Pierre Elliott Trudeau International	20,012	12,847	6,696	304	165	0
Montréal/St-Hubert	6,563	221	1,127	4,981	234	0
Oshawa	2,299	20	30	2,113	136	0
Ottawa/Macdonald-Cartier International	11,394	6,233	2,952	1,864	345	0
Pitt Meadows	2,117	2	9	1,883	223	0
Prince George	1,939	481	891	329	238	0
Québec/Jean Lesage International	7,758	1,342	4,000	1,571	845	0
Regina International	3,561	1,795	761	935	69	1
Saskatoon/John G. Diefenbaker International	5,495	1,942	1,907	1,612	34	0
Sault Ste. Marie	2,620	66	1,152	1,358	44	0
St. John's International	3,166	1,242	1,541	20	363	0
St-Jean	719	2	0	646	29	42
Thunder Bay	5,239	469	3,294	1,231	245	0
Toronto/Billy Bishop Toronto City	6,715	21	5,195	1,150	349	0
Toronto/Buttonville Municipal	5,061	101	384	4,203	372	1
Toronto/Lester B. Pearson International	36,792	29,998	6,754	36	4	0
Vancouver Harbour	4,161	0	2,468	987	706	0
Vancouver International	24,105	12,019	9,351	1,999	736	0
Victoria International	6,473	1,044	2,303	2,808	318	0
Whitehorse International	1,514	394	465	428	227	0
Windsor	1,372	79	706	554	33	0
Winnipeg/James Armstrong Richardson International	9,748	5,243	3,877	440	188	0
Winnipeg/St. Andrews	2,613	0	510	1,884	217	2
Yellowknife	4,142	695	2,397	245	805	0
<b>Total of NAV CANADA towers (42)</b>	<b>258,738</b>	<b>106,717</b>	<b>80,699</b>	<b>58,157</b>	<b>13,045</b>	<b>120</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	864	24	289	427	124	0
Campbell River	1,057	34	640	237	146	0
Castlegar	598	10	260	275	53	0
Charlottetown	810	208	413	118	71	0
Churchill	703	37	640	24	2	0
Cranbrook	760	26	609	103	22	0
Deer Lake	1,400	186	1,060	16	138	0
Fort Nelson	1,397	92	429	147	729	0
Fort St. John	1,672	306	617	167	582	0
Grande Prairie	2,194	253	904	625	412	0
High Level	582	4	269	136	173	0
Îles-de-la-Madeleine	631	18	413	80	120	0
Inuvik/Mike Zubko	889	106	520	40	223	0
Iqaluit	1,462	365	1,010	16	71	0
Kamloops	1,686	128	979	355	224	0
Kenora	777	6	478	178	115	0
Kingston	1,511	32	551	855	73	0
Kuujuaq	1,083	177	788	79	39	0
La Grande Rivière	765	92	611	30	32	0
La Ronge	1,452	2	1,111	217	122	0
Lethbridge	1,077	66	504	468	39	0
Lloydminster	807	10	272	485	40	0
Medicine Hat	1,044	4	555	441	44	0
Mont-Joli	642	33	566	31	12	0
Montréal/Mirabel International	1,029	555	292	68	114	0
Nanaimo	1,410	25	403	890	92	0
Norman Wells	1,962	188	255	137	1,382	0
North Bay	1,797	91	722	303	681	0
Ottawa/Gatineau	1,460	4	159	1,037	260	0
Peace River	651	11	409	129	102	0
Penticton	934	11	306	228	389	0
Port Hardy	705	0	477	124	104	0
Prince Albert	1,499	4	1,338	133	24	0
Prince Rupert	271	20	190	9	52	0
Rankin Inlet	910	196	696	2	16	0
Red Deer Regional	1,425	43	277	1,017	87	1
Rouyn-Noranda	1,204	126	963	113	2	0
Saint John	1,143	186	712	189	56	0
Sept-Îles	2,498	63	1,852	279	304	0
Sioux Lookout	2,595	2	2,165	392	36	0
Smithers	547	17	396	65	69	0
St. Catharines	1,221	7	21	959	234	0
Sudbury	2,498	49	1,816	348	285	0
Terrace	1,028	30	613	24	361	0
Thompson	2,323	31	1,958	232	102	0
Timmins	2,157	10	2,001	80	66	0
Val-d'Or	1,273	134	851	188	100	0
Victoria Harbour	2,538	0	1,713	73	752	0
Wabush	1,673	45	1,385	63	180	0
Whitecourt	544	17	50	68	409	0
Williams Lake	612	6	426	77	103	0
<b>Total of all flight service stations (51)</b>	<b>63,770</b>	<b>4,090</b>	<b>36,934</b>	<b>12,777</b>	<b>9,968</b>	<b>1</b>

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

	Maximum take-off weight in kilograms									
	2,000 and under	2,001 to 4,000	4,001 to 5,670	5,671 to 9,000	9,001 to 18,000	18,001 to 35,000	35,001 to 70,000	70,001 to 90,000	90,001 to 136,000	136,001 and over
	number									
Abbotsford	1,858	312	186	115	27	151	428	6	0	0
Boundary Bay	3,281	233	25	14	0	4	0	0	0	0
Calgary International	641	468	1,602	1,888	1,001	4,513	8,039	635	254	664
Calgary/Springbank	3,649	243	126	12	0	3	0	0	0	0
Chicoutimi/St-Honoré	1,363	240	116	0	0	0	0	0	0	0
Edmonton City Centre	2,011	368	1,534	284	114	27	0	0	0	0
Edmonton International	264	188	759	1,160	560	2,900	5,296	188	196	207
Edmonton/Villeneuve	777	33	20	16	0	0	0	0	0	0
Fort McMurray	1,372	389	424	393	72	868	416	2	0	0
Fredericton International	2,517	117	291	216	135	275	21	0	0	28
Gander International	285	4	38	497	226	217	38	32	5	30
Halifax/Robert L. Stanfield International	90	200	396	1,077	798	1,474	2,202	164	215	247
Hamilton	130	321	166	361	162	33	305	10	451	145
Kelowna	1,115	183	228	571	36	760	1,059	0	10	0
Kitchener/Waterloo	2,840	71	352	57	45	29	60	0	2	0
Langley	1,874	98	20	0	1	0	0	0	0	0
London	2,015	119	219	164	364	420	162	2	2	0
Moncton/Greater Moncton International	1,447	120	176	433	57	666	222	0	285	22
Montréal/Pierre Elliott Trudeau International	333	111	792	785	2,920	6,500	5,492	1,599	2	1,478
Montréal/St-Hubert	4,579	546	792	457	170	5	10	3	1	0
Oshawa	2,174	73	24	26	2	0	0	0	0	0
Ottawa/Macdonald-Cartier International	1,894	169	1,114	313	653	3,323	3,190	332	47	359
Pitt Meadows	1,977	132	6	0	2	0	0	0	0	0
Prince George	476	88	159	613	17	398	188	0	0	0
Québec/Jean Lesage International	1,929	442	965	763	1,289	1,838	421	11	0	100
Regina International	866	145	370	367	56	898	763	2	70	24
Saskatoon/John G. Diefenbaker International	1,323	357	704	764	266	1,108	904	0	46	23
Sault Ste. Marie	1,354	73	579	73	183	323	35	0	0	0
St. John's International	12	23	250	615	701	546	724	168	87	40
St-Jean	717	0	0	2	0	0	0	0	0	0
Thunder Bay	1,263	177	2,329	225	125	878	241	1	0	0
Toronto/Billy Bishop Toronto City	1,242	122	352	200	6	4,793	0	0	0	0
Toronto/Buttonville Municipal	4,219	371	352	77	22	20	0	0	0	0
Toronto/Lester B. Pearson International	17	187	388	1,905	3,751	8,159	14,777	3,730	527	3,351
Vancouver Harbour	55	3,145	960	0	0	1	0	0	0	0
Vancouver International	403	3,138	948	2,924	1,718	5,006	6,250	1,196	431	2,091
Victoria International	2,415	834	157	518	832	1,073	580	28	36	0
Whitehorse International	569	181	183	120	2	256	199	0	0	4
Windsor	517	217	81	90	295	160	8	2	2	0
Winnipeg/James Armstrong Richardson International	330	362	2,760	326	794	1,864	2,275	243	662	132
Winnipeg/St. Andrews	1,934	590	87	0	0	0	0	2	0	0
Yellowknife	709	476	753	369	211	835	652	137	0	0
<b>Total of NAV CANADA towers (42)</b>	<b>58,836</b>	<b>15,666</b>	<b>21,783</b>	<b>18,790</b>	<b>17,613</b>	<b>50,324</b>	<b>54,957</b>	<b>8,493</b>	<b>3,331</b>	<b>8,945</b>

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

	Maximum take-off weight in kilograms									
	2,000 and under	2,001 to 4,000	4,001 to 5,670	5,671 to 9,000	9,001 to 18,000	18,001 to 35,000	35,001 to 70,000	70,001 to 90,000	90,001 to 136,000	136,001 and over
	number									
Brandon Municipal	432	73	238	27	46	0	0	48	0	0
Campbell River	336	48	17	513	137	6	0	0	0	0
Castlegar	302	21	15	80	46	130	4	0	0	0
Charlottetown	119	134	33	168	68	186	100	2	0	0
Churchill	2	28	89	8	131	422	23	0	0	0
Cranbrook	69	54	34	323	92	188	0	0	0	0
Deer Lake	102	12	57	444	508	169	106	2	0	0
Fort Nelson	504	80	387	154	134	82	56	0	0	0
Fort St. John	709	42	197	292	126	278	28	0	0	0
Grande Prairie	773	268	374	105	14	457	203	0	0	0
High Level	227	59	167	129	0	0	0	0	0	0
Îles-de-la-Madeleine	14	172	133	130	162	18	2	0	0	0
Inuvik/Mike Zubko	232	34	452	14	3	56	98	0	0	0
Iqaluit	45	6	399	116	266	326	220	16	8	60
Kamloops	389	146	137	285	142	506	81	0	0	0
Kenora	166	35	536	4	26	2	0	8	0	0
Kingston	828	79	104	270	196	14	0	20	0	0
Kuujjuaq	41	83	584	8	127	89	119	6	2	24
La Grande Rivière	52	10	161	18	76	339	80	29	0	0
La Ronge	183	236	605	86	248	90	0	4	0	0
Lethbridge	397	101	167	327	60	23	0	2	0	0
Lloydminster	498	24	145	140	0	0	0	0	0	0
Medicine Hat	439	44	240	311	7	3	0	0	0	0
Mont-Joli	22	19	151	267	116	62	0	5	0	0
Montréal/Mirabel International	144	92	11	110	6	147	56	6	269	188
Nanaimo	556	386	54	45	38	331	0	0	0	0
Norman Wells	868	181	667	34	0	30	182	0	0	0
North Bay	924	100	414	83	180	43	31	10	0	12
Ottawa/Gatineau	1,185	106	82	85	0	0	0	2	0	0
Peace River	139	100	342	54	16	0	0	0	0	0
Penticton	517	94	22	118	16	167	0	0	0	0
Port Hardy	60	162	278	65	138	2	0	0	0	0
Prince Albert	129	30	228	422	362	324	0	4	0	0
Prince Rupert	9	6	58	40	40	118	0	0	0	0
Rankin Inlet	16	69	107	6	209	337	161	0	0	5
Red Deer Regional	925	176	180	68	27	45	4	0	0	0
Rouyn-Noranda	113	2	486	13	336	151	103	0	0	0
Saint John	174	153	126	214	200	242	32	2	0	0
Sept-Îles	354	231	655	435	551	254	16	2	0	0
Sioux Lookout	179	332	1,261	683	140	0	0	0	0	0
Smithers	122	22	72	178	59	94	0	0	0	0
St. Catharines	1,089	93	19	14	4	2	0	0	0	0
Sudbury	410	193	1,065	248	216	350	14	2	0	0
Terrace	254	97	157	184	115	219	2	0	0	0
Thompson	108	288	1,181	18	213	515	0	0	0	0
Timmins	111	135	1,016	85	460	348	0	2	0	0
Val-d'Or	262	26	359	32	339	173	74	0	8	0
Victoria Harbour	24	1,546	953	6	9	0	0	0	0	0
Wabush	170	67	415	465	429	125	2	0	0	0
Whitecourt	461	16	42	16	2	0	7	0	0	0
Williams Lake	164	16	12	406	4	6	4	0	0	0
<b>Total of all flight service stations (51)</b>	<b>16,348</b>	<b>6,527</b>	<b>15,684</b>	<b>8,346</b>	<b>6,840</b>	<b>7,469</b>	<b>1,808</b>	<b>172</b>	<b>287</b>	<b>289</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	3,010	458	1,885	49	464	90	64
Transborder	53	8	9	3	33	0	0
Other international	20	20	0	0	0	0	0
<b>Total</b>	<b>3,083</b>	<b>486</b>	<b>1,894</b>	<b>52</b>	<b>497</b>	<b>90</b>	<b>64</b>
<b>Boundary Bay</b>							
Domestic	3,500	9	780	1,813	878	18	2
Transborder	57	2	0	17	38	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>3,557</b>	<b>11</b>	<b>780</b>	<b>1,830</b>	<b>916</b>	<b>18</b>	<b>2</b>
<b>Calgary International</b>							
Domestic	15,509	13,274	664	396	982	154	39
Transborder	3,461	3,088	91	9	272	0	1
Other international	735	728	0	0	7	0	0
<b>Total</b>	<b>19,705</b>	<b>17,090</b>	<b>755</b>	<b>405</b>	<b>1,261</b>	<b>154</b>	<b>40</b>
<b>Calgary/Springbank</b>							
Domestic	3,965	26	798	2,041	1,078	14	8
Transborder	68	0	5	0	63	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>4,033</b>	<b>26</b>	<b>803</b>	<b>2,041</b>	<b>1,141</b>	<b>14</b>	<b>8</b>
<b>Chicoutimi/St-Honoré</b>							
Domestic	1,719	590	34	1,003	90	2	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,719</b>	<b>590</b>	<b>34</b>	<b>1,003</b>	<b>90</b>	<b>2</b>	<b>0</b>
<b>Edmonton City Centre</b>							
Domestic	4,293	1,236	557	1,255	579	654	12
Transborder	43	16	2	11	13	0	1
Other international	2	2	0	0	0	0	0
<b>Total</b>	<b>4,338</b>	<b>1,254</b>	<b>559</b>	<b>1,266</b>	<b>592</b>	<b>654</b>	<b>13</b>
<b>Edmonton International</b>							
Domestic	9,867	8,937	209	37	632	22	30
Transborder	1,559	1,489	12	11	47	0	0
Other international	292	287	0	0	0	0	5
<b>Total</b>	<b>11,718</b>	<b>10,713</b>	<b>221</b>	<b>48</b>	<b>679</b>	<b>22</b>	<b>35</b>
<b>Edmonton/Villeneuve</b>							
Domestic	844	0	83	459	300	2	0
Transborder	1	0	0	0	1	0	0
Other international	1	0	0	0	1	0	0
<b>Total</b>	<b>846</b>	<b>0</b>	<b>83</b>	<b>459</b>	<b>302</b>	<b>2</b>	<b>0</b>
<b>Fort McMurray</b>							
Domestic	3,931	1,704	1,540	54	603	26	4
Transborder	5	3	0	0	2	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>3,936</b>	<b>1,707</b>	<b>1,540</b>	<b>54</b>	<b>605</b>	<b>26</b>	<b>4</b>
<b>Fredericton International</b>							
Domestic	3,561	720	2,689	0	90	38	24
Transborder	25	6	5	0	8	0	6
Other international	14	9	0	0	0	0	5
<b>Total</b>	<b>3,600</b>	<b>735</b>	<b>2,694</b>	<b>0</b>	<b>98</b>	<b>38</b>	<b>35</b>
<b>Gander International</b>							
Domestic	1,067	936	38	0	16	26	51
Transborder	135	26	0	20	62	0	27
Other international	170	52	1	19	68	0	30
<b>Total</b>	<b>1,372</b>	<b>1,014</b>	<b>39</b>	<b>39</b>	<b>146</b>	<b>26</b>	<b>108</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	5,344	4,643	368	2	178	24	129
Transborder	975	873	8	1	72	0	21
Other international	544	515	1	5	7	0	16
<b>Total</b>	<b>6,863</b>	<b>6,031</b>	<b>377</b>	<b>8</b>	<b>257</b>	<b>24</b>	<b>166</b>
<b>Hamilton</b>							
Domestic	1,326	960	99	14	126	118	9
Transborder	681	537	38	0	104	2	0
Other international	77	67	6	0	4	0	0
<b>Total</b>	<b>2,084</b>	<b>1,564</b>	<b>143</b>	<b>14</b>	<b>234</b>	<b>120</b>	<b>9</b>
<b>Kelowna</b>							
Domestic	3,605	2,523	351	342	281	86	22
Transborder	301	237	2	0	62	0	0
Other international	56	56	0	0	0	0	0
<b>Total</b>	<b>3,962</b>	<b>2,816</b>	<b>353</b>	<b>342</b>	<b>343</b>	<b>86</b>	<b>22</b>
<b>Kitchener/Waterloo</b>							
Domestic	3,245	331	2,184	56	670	4	0
Transborder	202	61	29	0	112	0	0
Other international	9	7	0	0	2	0	0
<b>Total</b>	<b>3,456</b>	<b>399</b>	<b>2,213</b>	<b>56</b>	<b>784</b>	<b>4</b>	<b>0</b>
<b>Langley</b>							
Domestic	1,992	6	68	1,003	794	3	118
Transborder	1	0	0	1	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,993</b>	<b>6</b>	<b>68</b>	<b>1,004</b>	<b>794</b>	<b>3</b>	<b>118</b>
<b>London</b>							
Domestic	3,184	979	232	1,435	464	61	13
Transborder	251	169	6	0	75	1	0
Other international	32	31	1	0	0	0	0
<b>Total</b>	<b>3,467</b>	<b>1,179</b>	<b>239</b>	<b>1,435</b>	<b>539</b>	<b>62</b>	<b>13</b>
<b>Moncton/Greater Moncton International</b>							
Domestic	3,256	1,625	1,413	1	109	102	6
Transborder	135	126	1	0	8	0	0
Other international	37	35	2	0	0	0	0
<b>Total</b>	<b>3,428</b>	<b>1,786</b>	<b>1,416</b>	<b>1</b>	<b>117</b>	<b>102</b>	<b>6</b>
<b>Montréal/Pierre Elliott Trudeau International</b>							
Domestic	10,970	9,511	709	37	544	157	12
Transborder	6,330	5,725	212	23	367	0	3
Other international	2,712	2,635	41	10	26	0	0
<b>Total</b>	<b>20,012</b>	<b>17,871</b>	<b>962</b>	<b>70</b>	<b>937</b>	<b>157</b>	<b>15</b>
<b>Montréal/St-Hubert</b>							
Domestic	6,377	3,047	647	1,557	976	52	98
Transborder	182	21	12	4	145	0	0
Other international	4	0	0	0	4	0	0
<b>Total</b>	<b>6,563</b>	<b>3,068</b>	<b>659</b>	<b>1,561</b>	<b>1,125</b>	<b>52</b>	<b>98</b>
<b>Oshawa</b>							
Domestic	2,257	35	167	1,336	626	91	2
Transborder	40	6	5	0	29	0	0
Other international	2	0	0	2	0	0	0
<b>Total</b>	<b>2,299</b>	<b>41</b>	<b>172</b>	<b>1,338</b>	<b>655</b>	<b>91</b>	<b>2</b>
<b>Ottawa/Macdonald-Cartier International</b>							
Domestic	8,570	5,934	167	1,715	222	435	97
Transborder	2,280	2,087	35	15	97	29	17
Other international	544	527	2	1	2	0	12
<b>Total</b>	<b>11,394</b>	<b>8,548</b>	<b>204</b>	<b>1,731</b>	<b>321</b>	<b>464</b>	<b>126</b>

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI			Civil	Military
number							
<b>Pitt Meadows</b>							
Domestic	2,112	6	856	277	963	10	0
Transborder	5	0	0	0	5	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,117</b>	<b>6</b>	<b>856</b>	<b>277</b>	<b>968</b>	<b>10</b>	<b>0</b>
<b>Prince George</b>							
Domestic	1,908	1,179	330	47	263	81	8
Transborder	18	6	0	0	12	0	0
Other international	13	13	0	0	0	0	0
<b>Total</b>	<b>1,939</b>	<b>1,198</b>	<b>330</b>	<b>47</b>	<b>275</b>	<b>81</b>	<b>8</b>
<b>Québec/Jean Lesage International</b>							
Domestic	6,792	3,567	1,800	383	663	330	49
Transborder	636	594	7	1	29	0	5
Other international	330	321	1	2	5	0	1
<b>Total</b>	<b>7,758</b>	<b>4,482</b>	<b>1,808</b>	<b>386</b>	<b>697</b>	<b>330</b>	<b>55</b>
<b>Regina International</b>							
Domestic	3,040	1,819	657	44	322	176	22
Transborder	411	359	4	1	43	2	2
Other international	110	110	0	0	0	0	0
<b>Total</b>	<b>3,561</b>	<b>2,288</b>	<b>661</b>	<b>45</b>	<b>365</b>	<b>178</b>	<b>24</b>
<b>Saskatoon/John G. Diefenbaker International</b>							
Domestic	5,065	3,079	974	213	426	307	66
Transborder	338	297	16	1	22	0	2
Other international	92	92	0	0	0	0	0
<b>Total</b>	<b>5,495</b>	<b>3,468</b>	<b>990</b>	<b>214</b>	<b>448</b>	<b>307</b>	<b>68</b>
<b>Sault Ste. Marie</b>							
Domestic	2,598	1,097	33	1,280	87	75	26
Transborder	13	1	0	1	10	1	0
Other international	9	6	0	2	0	1	0
<b>Total</b>	<b>2,620</b>	<b>1,104</b>	<b>33</b>	<b>1,283</b>	<b>97</b>	<b>77</b>	<b>26</b>
<b>St. John's International</b>							
Domestic	2,781	2,221	340	4	35	150	31
Transborder	181	90	0	5	16	0	70
Other international	204	105	3	10	20	0	66
<b>Total</b>	<b>3,166</b>	<b>2,416</b>	<b>343</b>	<b>19</b>	<b>71</b>	<b>150</b>	<b>167</b>
<b>St-Jean</b>							
Domestic	717	2	130	82	395	2	106
Transborder	2	0	0	1	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>719</b>	<b>2</b>	<b>130</b>	<b>83</b>	<b>396</b>	<b>2</b>	<b>106</b>
<b>Thunder Bay</b>							
Domestic	5,175	3,479	180	1,109	220	154	33
Transborder	30	2	0	0	28	0	0
Other international	34	34	0	0	0	0	0
<b>Total</b>	<b>5,239</b>	<b>3,515</b>	<b>180</b>	<b>1,109</b>	<b>248</b>	<b>154</b>	<b>33</b>
<b>Toronto/Billy Bishop Toronto City</b>							
Domestic	5,420	3,957	322	844	274	15	8
Transborder	1,295	1,202	4	6	82	1	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>6,715</b>	<b>5,159</b>	<b>326</b>	<b>850</b>	<b>356</b>	<b>16</b>	<b>8</b>
<b>Toronto/Buttonville Municipal</b>							
Domestic	4,835	230	2,545	78	1,928	44	10
Transborder	223	38	29	9	147	0	0
Other international	3	0	0	0	3	0	0
<b>Total</b>	<b>5,061</b>	<b>268</b>	<b>2,574</b>	<b>87</b>	<b>2,078</b>	<b>44</b>	<b>10</b>

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI		Civil	Military	
number							
<b>Toronto/Lester B. Pearson International</b>							
Domestic	14,511	13,733	289	19	420	24	26
Transborder	16,256	15,327	222	12	692	0	3
Other international	6,025	5,925	59	2	39	0	0
<b>Total</b>	<b>36,792</b>	<b>34,985</b>	<b>570</b>	<b>33</b>	<b>1,151</b>	<b>24</b>	<b>29</b>
<b>Vancouver Harbour</b>							
Domestic	4,161	3,829	295	0	36	1	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>4,161</b>	<b>3,829</b>	<b>295</b>	<b>0</b>	<b>36</b>	<b>1</b>	<b>0</b>
<b>Vancouver International</b>							
Domestic	17,853	15,823	1,330	73	361	241	25
Transborder	4,647	4,313	44	22	267	0	1
Other international	1,605	1,589	5	4	3	0	4
<b>Total</b>	<b>24,105</b>	<b>21,725</b>	<b>1,379</b>	<b>99</b>	<b>631</b>	<b>241</b>	<b>30</b>
<b>Victoria International</b>							
Domestic	5,844	2,599	2,106	208	737	34	160
Transborder	584	446	23	2	111	2	0
Other international	45	45	0	0	0	0	0
<b>Total</b>	<b>6,473</b>	<b>3,090</b>	<b>2,129</b>	<b>210</b>	<b>848</b>	<b>36</b>	<b>160</b>
<b>Whitehorse International</b>							
Domestic	1,472	872	399	10	149	42	0
Transborder	34	9	4	0	21	0	0
Other international	8	5	1	0	2	0	0
<b>Total</b>	<b>1,514</b>	<b>886</b>	<b>404</b>	<b>10</b>	<b>172</b>	<b>42</b>	<b>0</b>
<b>Windsor</b>							
Domestic	1,275	518	520	16	193	20	8
Transborder	81	18	14	10	37	0	2
Other international	16	9	5	0	2	0	0
<b>Total</b>	<b>1,372</b>	<b>545</b>	<b>539</b>	<b>26</b>	<b>232</b>	<b>20</b>	<b>10</b>
<b>Winnipeg/James Armstrong Richardson International</b>							
Domestic	8,254	7,218	254	33	149	339	261
Transborder	1,218	1,116	16	17	50	5	14
Other international	276	274	0	1	1	0	0
<b>Total</b>	<b>9,748</b>	<b>8,608</b>	<b>270</b>	<b>51</b>	<b>200</b>	<b>344</b>	<b>275</b>
<b>Winnipeg/St. Andrews</b>							
Domestic	2,606	493	1,342	504	265	0	2
Transborder	6	1	1	1	3	0	0
Other international	1	0	1	0	0	0	0
<b>Total</b>	<b>2,613</b>	<b>494</b>	<b>1,344</b>	<b>505</b>	<b>268</b>	<b>0</b>	<b>2</b>
<b>Yellowknife</b>							
Domestic	4,141	3,155	787	10	55	53	81
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>4,142</b>	<b>3,155</b>	<b>787</b>	<b>10</b>	<b>56</b>	<b>53</b>	<b>81</b>
<b>Total of NAV CANADA towers (42)</b>							
Domestic	201,952	126,360	31,171	19,839	18,643	4,277	1,662
Transborder	42,764	38,299	856	204	3,187	43	175
Other international	14,022	13,499	129	58	196	1	139
<b>Total</b>	<b>258,738</b>	<b>178,158</b>	<b>32,156</b>	<b>20,101</b>	<b>22,026</b>	<b>4,321</b>	<b>1,976</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	852	107	210	35	210	39	251
Transborder	12	1	0	0	9	0	2
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>864</b>	<b>108</b>	<b>210</b>	<b>35</b>	<b>219</b>	<b>39</b>	<b>253</b>
<b>Campbell River</b>							
Domestic	1,032	626	125	88	171	22	0
Transborder	23	0	0	0	23	0	0
Other international	2	0	0	0	2	0	0
<b>Total</b>	<b>1,057</b>	<b>626</b>	<b>125</b>	<b>88</b>	<b>196</b>	<b>22</b>	<b>0</b>
<b>Castlegar</b>							
Domestic	584	256	50	255	13	8	2
Transborder	14	6	0	0	8	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>598</b>	<b>262</b>	<b>50</b>	<b>255</b>	<b>21</b>	<b>8</b>	<b>2</b>
<b>Charlottetown</b>							
Domestic	798	588	64	2	83	37	24
Transborder	7	1	0	0	6	0	0
Other international	5	5	0	0	0	0	0
<b>Total</b>	<b>810</b>	<b>594</b>	<b>64</b>	<b>2</b>	<b>89</b>	<b>37</b>	<b>24</b>
<b>Churchill</b>							
Domestic	703	649	8	6	12	28	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>703</b>	<b>649</b>	<b>8</b>	<b>6</b>	<b>12</b>	<b>28</b>	<b>0</b>
<b>Cranbrook</b>							
Domestic	745	645	29	0	62	6	3
Transborder	15	4	1	0	8	0	2
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>760</b>	<b>649</b>	<b>30</b>	<b>0</b>	<b>70</b>	<b>6</b>	<b>5</b>
<b>Deer Lake</b>							
Domestic	1,392	1,179	105	0	6	65	37
Transborder	0	0	0	0	0	0	0
Other international	8	8	0	0	0	0	0
<b>Total</b>	<b>1,400</b>	<b>1,187</b>	<b>105</b>	<b>0</b>	<b>6</b>	<b>65</b>	<b>37</b>
<b>Fort Nelson</b>							
Domestic	1,397	480	831	1	55	9	21
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,397</b>	<b>480</b>	<b>831</b>	<b>1</b>	<b>55</b>	<b>9</b>	<b>21</b>
<b>Fort St. John</b>							
Domestic	1,670	818	618	1	195	32	6
Transborder	2	1	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,672</b>	<b>819</b>	<b>618</b>	<b>1</b>	<b>196</b>	<b>32</b>	<b>6</b>
<b>Grande Prairie</b>							
Domestic	2,193	1,120	659	71	318	23	2
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,194</b>	<b>1,120</b>	<b>659</b>	<b>71</b>	<b>319</b>	<b>23</b>	<b>2</b>
<b>High Level</b>							
Domestic	582	338	170	4	58	12	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>582</b>	<b>338</b>	<b>170</b>	<b>4</b>	<b>58</b>	<b>12</b>	<b>0</b>

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI		Civil	Military	
number							
<b>Îles-de-la-Madeleine</b>							
Domestic	629	353	90	0	10	166	10
Transborder	0	0	0	0	0	0	0
Other international	2	2	0	0	0	0	0
<b>Total</b>	<b>631</b>	<b>355</b>	<b>90</b>	<b>0</b>	<b>10</b>	<b>166</b>	<b>10</b>
<b>Inuvik/Mike Zubko</b>							
Domestic	882	609	229	0	24	18	2
Transborder	7	4	0	0	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>889</b>	<b>613</b>	<b>229</b>	<b>0</b>	<b>27</b>	<b>18</b>	<b>2</b>
<b>Iqaluit</b>							
Domestic	1,395	1,171	79	53	40	42	10
Transborder	11	6	0	1	4	0	0
Other international	56	20	1	2	31	0	2
<b>Total</b>	<b>1,462</b>	<b>1,197</b>	<b>80</b>	<b>56</b>	<b>75</b>	<b>42</b>	<b>12</b>
<b>Kamloops</b>							
Domestic	1,659	1,017	305	51	233	45	8
Transborder	26	10	0	0	16	0	0
Other international	1	1	0	0	0	0	0
<b>Total</b>	<b>1,686</b>	<b>1,028</b>	<b>305</b>	<b>51</b>	<b>249</b>	<b>45</b>	<b>8</b>
<b>Kenora</b>							
Domestic	777	518	108	12	51	24	64
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>777</b>	<b>518</b>	<b>108</b>	<b>12</b>	<b>51</b>	<b>24</b>	<b>64</b>
<b>Kingston</b>							
Domestic	1,493	526	279	308	319	24	37
Transborder	18	2	1	2	12	0	1
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,511</b>	<b>528</b>	<b>280</b>	<b>310</b>	<b>331</b>	<b>24</b>	<b>38</b>
<b>Kuujjuaq</b>							
Domestic	1,082	896	140	4	6	30	6
Transborder	0	0	0	0	0	0	0
Other international	1	0	0	0	1	0	0
<b>Total</b>	<b>1,083</b>	<b>896</b>	<b>140</b>	<b>4</b>	<b>7</b>	<b>30</b>	<b>6</b>
<b>La Grande Rivière</b>							
Domestic	765	573	142	6	42	2	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>765</b>	<b>573</b>	<b>142</b>	<b>6</b>	<b>42</b>	<b>2</b>	<b>0</b>
<b>La Ronge</b>							
Domestic	1,452	1,324	52	2	22	48	4
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,452</b>	<b>1,324</b>	<b>52</b>	<b>2</b>	<b>22</b>	<b>48</b>	<b>4</b>
<b>Lethbridge</b>							
Domestic	1,010	464	29	252	233	20	12
Transborder	67	1	4	5	57	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,077</b>	<b>465</b>	<b>33</b>	<b>257</b>	<b>290</b>	<b>20</b>	<b>12</b>
<b>Lloydminster</b>							
Domestic	805	213	264	25	269	26	8
Transborder	2	1	1	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>807</b>	<b>214</b>	<b>265</b>	<b>25</b>	<b>269</b>	<b>26</b>	<b>8</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	1,036	536	184	103	190	17	6
Transborder	8	3	0	0	5	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,044</b>	<b>539</b>	<b>184</b>	<b>103</b>	<b>195</b>	<b>17</b>	<b>6</b>
<b>Mont-Joli</b>							
Domestic	642	441	119	12	25	32	13
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>642</b>	<b>441</b>	<b>119</b>	<b>12</b>	<b>25</b>	<b>32</b>	<b>13</b>
<b>Montréal/Mirabel International</b>							
Domestic	797	552	57	4	174	2	8
Transborder	227	203	2	0	22	0	0
Other international	5	3	0	0	2	0	0
<b>Total</b>	<b>1,029</b>	<b>758</b>	<b>59</b>	<b>4</b>	<b>198</b>	<b>2</b>	<b>8</b>
<b>Nanaimo</b>							
Domestic	1,371	385	514	12	422	38	0
Transborder	38	4	7	0	27	0	0
Other international	1	1	0	0	0	0	0
<b>Total</b>	<b>1,410</b>	<b>390</b>	<b>521</b>	<b>12</b>	<b>449</b>	<b>38</b>	<b>0</b>
<b>Norman Wells</b>							
Domestic	1,962	560	1,393	1	3	2	3
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,962</b>	<b>560</b>	<b>1,393</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>3</b>
<b>North Bay</b>							
Domestic	1,775	661	446	273	294	50	51
Transborder	13	6	3	0	4	0	0
Other international	9	9	0	0	0	0	0
<b>Total</b>	<b>1,797</b>	<b>676</b>	<b>449</b>	<b>273</b>	<b>298</b>	<b>50</b>	<b>51</b>
<b>Ottawa/Gatineau</b>							
Domestic	1,456	132	336	187	734	57	10
Transborder	4	0	0	0	4	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,460</b>	<b>132</b>	<b>336</b>	<b>187</b>	<b>738</b>	<b>57</b>	<b>10</b>
<b>Peace River</b>							
Domestic	651	471	112	8	45	15	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>651</b>	<b>471</b>	<b>112</b>	<b>8</b>	<b>45</b>	<b>15</b>	<b>0</b>
<b>Penticton</b>							
Domestic	924	323	377	35	169	14	6
Transborder	10	1	1	0	8	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>934</b>	<b>324</b>	<b>378</b>	<b>35</b>	<b>177</b>	<b>14</b>	<b>6</b>
<b>Port Hardy</b>							
Domestic	698	567	31	6	31	53	10
Transborder	7	0	0	0	7	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>705</b>	<b>567</b>	<b>31</b>	<b>6</b>	<b>38</b>	<b>53</b>	<b>10</b>
<b>Prince Albert</b>							
Domestic	1,499	1,245	36	9	93	106	10
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,499</b>	<b>1,245</b>	<b>36</b>	<b>9</b>	<b>93</b>	<b>106</b>	<b>10</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	266	244	6	2	2	12	0
Transborder	5	0	0	0	5	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>271</b>	<b>244</b>	<b>6</b>	<b>2</b>	<b>7</b>	<b>12</b>	<b>0</b>
<b>Rankin Inlet</b>							
Domestic	910	825	18	67	0	0	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>910</b>	<b>825</b>	<b>18</b>	<b>67</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Red Deer Regional</b>							
Domestic	1,410	172	570	113	517	36	2
Transborder	15	4	1	0	10	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,425</b>	<b>176</b>	<b>571</b>	<b>113</b>	<b>527</b>	<b>36</b>	<b>2</b>
<b>Rouyn-Noranda</b>							
Domestic	1,200	838	154	48	140	20	0
Transborder	0	0	0	0	0	0	0
Other international	4	4	0	0	0	0	0
<b>Total</b>	<b>1,204</b>	<b>842</b>	<b>154</b>	<b>48</b>	<b>140</b>	<b>20</b>	<b>0</b>
<b>Saint John</b>							
Domestic	1,040	701	58	61	213	4	3
Transborder	81	1	1	2	77	0	0
Other international	22	18	0	0	4	0	0
<b>Total</b>	<b>1,143</b>	<b>720</b>	<b>59</b>	<b>63</b>	<b>294</b>	<b>4</b>	<b>3</b>
<b>Sept-Îles</b>							
Domestic	2,489	1,476	803	28	100	80	2
Transborder	9	1	0	0	8	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,498</b>	<b>1,477</b>	<b>803</b>	<b>28</b>	<b>108</b>	<b>80</b>	<b>2</b>
<b>Sioux Lookout</b>							
Domestic	2,595	2,168	152	116	25	88	46
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,595</b>	<b>2,168</b>	<b>152</b>	<b>116</b>	<b>25</b>	<b>88</b>	<b>46</b>
<b>Smithers</b>							
Domestic	544	388	71	6	63	16	0
Transborder	3	2	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>547</b>	<b>390</b>	<b>71</b>	<b>6</b>	<b>64</b>	<b>16</b>	<b>0</b>
<b>St. Catharines</b>							
Domestic	1,161	9	745	45	362	0	0
Transborder	60	2	11	3	44	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,221</b>	<b>11</b>	<b>756</b>	<b>48</b>	<b>406</b>	<b>0</b>	<b>0</b>
<b>Sudbury</b>							
Domestic	2,480	1,998	156	38	220	60	8
Transborder	18	3	1	0	14	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,498</b>	<b>2,001</b>	<b>157</b>	<b>38</b>	<b>234</b>	<b>60</b>	<b>8</b>
<b>Terrace</b>							
Domestic	1,026	615	352	2	45	12	0
Transborder	1	0	0	0	1	0	0
Other international	1	1	0	0	0	0	0
<b>Total</b>	<b>1,028</b>	<b>616</b>	<b>352</b>	<b>2</b>	<b>46</b>	<b>12</b>	<b>0</b>

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI			Civil	Military
number							
<b>Thompson</b>							
Domestic	2,323	1,858	287	2	18	158	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,323</b>	<b>1,858</b>	<b>287</b>	<b>2</b>	<b>18</b>	<b>158</b>	<b>0</b>
<b>Timmins</b>							
Domestic	2,153	1,891	133	0	76	47	6
Transborder	4	0	0	0	4	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,157</b>	<b>1,891</b>	<b>133</b>	<b>0</b>	<b>80</b>	<b>47</b>	<b>6</b>
<b>Val-d'Or</b>							
Domestic	1,273	888	118	2	223	24	18
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>888</b>	<b>118</b>	<b>2</b>	<b>223</b>	<b>24</b>	<b>18</b>
<b>Victoria Harbour</b>							
Domestic	2,356	2,202	26	0	6	113	9
Transborder	182	182	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,538</b>	<b>2,384</b>	<b>26</b>	<b>0</b>	<b>6</b>	<b>113</b>	<b>9</b>
<b>Wabush</b>							
Domestic	1,672	1,257	309	2	82	22	0
Transborder	1	0	1	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,673</b>	<b>1,257</b>	<b>310</b>	<b>2</b>	<b>82</b>	<b>22</b>	<b>0</b>
<b>Whitecourt</b>							
Domestic	544	53	366	61	56	8	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>544</b>	<b>53</b>	<b>366</b>	<b>61</b>	<b>56</b>	<b>8</b>	<b>0</b>
<b>Williams Lake</b>							
Domestic	611	408	107	6	70	10	10
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>612</b>	<b>408</b>	<b>107</b>	<b>6</b>	<b>71</b>	<b>10</b>	<b>10</b>
<b>Total of all flight service stations (51)</b>							
Domestic	62,761	38,334	12,622	2,425	6,830	1,822	728
Transborder	892	449	35	13	390	0	5
Other international	117	72	1	2	40	0	2
<b>Total</b>	<b>63,770</b>	<b>38,855</b>	<b>12,658</b>	<b>2,440</b>	<b>7,260</b>	<b>1,822</b>	<b>735</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	14	9,049	21	11	114	8	656
Boundary Bay	13	9,281	30	11	107	23	629
Calgary International	4	19,825	7	18	59	21	784
Calgary/Springbank	9	10,935	24	15	107	10	647
Chicoutimi/St-Honoré	20	7,559	22	20	105	20	854
Edmonton City Centre	30	4,940	21	17	32	21	267
Edmonton International	7	12,056	7	12	48	7	532
Edmonton/Villeneuve	27	5,440	7	11	100	31	436
Fort McMurray	33	4,602	19	12	37	19	241
Fredericton International	18	8,258	19	13	71	17	597
Gander International	41	2,124	2	19	38	2	188
Halifax/Robert L. Stanfield International	21	7,179	19	14	31	7	304
Hamilton	39	2,774	12	13	17	14	150
Kelowna	24	6,350	18	15	69	19	311
Kitchener/Waterloo	16	8,578	22	12	91	21	627
Langley	32	4,741	7	15	67	25	412
London	23	6,897	17	20	81	14	545
Moncton/Greater Moncton International	29	5,270	19	22	44	19	327
Montréal/Pierre Elliott Trudeau International	3	20,094	19	18	67	12	723
Montréal/St-Hubert	5	15,563	21	11	147	20	1,127
Oshawa	34	4,297	11	9	57	11	378
Ottawa/Macdonald-Cartier International	6	13,970	6	13	78	19	663
Pitt Meadows	26	6,069	7	13	96	24	704
Prince George	37	3,039	5	12	37	5	179
Québec/Jean Lesage International	8	11,374	20	14	92	20	677
Regina International	31	4,865	31	15	40	31	245
Saskatoon/John G. Diefenbaker International	19	8,037	9	16	55	21	391
Sault Ste. Marie	25	6,080	5	20	77	7	371
St. John's International	36	3,248	14	11	17	29	146
St-Jean	40	2,323	31	14	54	31	282
Thunder Bay	17	8,559	10	13	125	26	541
Toronto/Billy Bishop Toronto City	15	8,811	10	14	71	10	508
Toronto/Buttonville Municipal	10	10,773	18	17	141	14	868
Toronto/Lester B. Pearson International	1	37,012	2	18	99	9	1,325
Vancouver Harbour	35	4,161	1	16	26	30	183
Vancouver International	2	24,121	16	18	68	8	875
Victoria International	12	9,881	30	11	78	7	541
Whitehorse International	38	2,892	28	14	71	28	297
Windsor	42	1,800	4	19	22	20	101
Winnipeg/James Armstrong Richardson International	11	10,684	20	16	43	20	462
Winnipeg/St. Andrews	22	6,941	13	15	85	28	473
Yellowknife	28	5,418	30	15	57	10	318

**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	21	1,696	18	15	49	15	222
Campbell River	32	1,337	8	16	27	24	90
Castlegar	38	1,028	19	12	58	9	86
Charlottetown	39	934	10	18	13	10	60
Churchill	47	719	13	17	17	22	50
Cranbrook	43	802	8	18	15	8	45
Deer Lake	19	1,816	15	8	30	15	141
Fort Nelson	27	1,507	17	15	20	27	123
Fort St. John	4	3,664	6	15	71	7	355
Grande Prairie	2	3,798	8	16	50	25	218
High Level	37	1,074	20	14	39	19	89
Îles-de-la-Madeleine	49	631	16	15	9	16	44
Inuvik/Mike Zubko	41	909	20	16	20	28	46
Iqaluit	28	1,504	19	9	21	19	85
Kamloops	15	2,300	3	11	43	7	146
Kenora	34	1,285	21	11	50	21	115
Kingston	11	2,505	14	10	48	14	228
Kuujuaq	35	1,167	16	8	13	16	57
La Grande Rivière	44	788	16	19	16	27	53
La Ronge	23	1,627	9	14	23	15	112
Lethbridge	26	1,532	31	11	24	31	108
Lloydminster	31	1,369	16	14	29	15	102
Medicine Hat	30	1,459	14	10	35	31	110
Mont-Joli	48	642	12	10	8	12	38
Montréal/Mirabel International	12	2,415	18	14	32	30	154
Nanaimo	13	2,364	7	16	33	8	169
Norman Wells	18	2,046	29	18	20	29	122
North Bay	1	5,375	14	15	76	23	397
Ottawa/Gatineau	3	3,684	10	13	68	10	287
Peace River	45	747	10	11	13	28	44
Penticton	17	2,101	7	9	44	7	220
Port Hardy	42	823	7	16	18	7	59
Prince Albert	24	1,557	29	19	17	15	98
Prince Rupert	51	281	20	11	12	16	20
Rankin Inlet	40	916	7	14	9	7	51
Red Deer Regional	5	3,185	29	9	65	21	283
Rouyn-Noranda	33	1,292	19	20	20	20	79
Saint John	22	1,661	25	11	28	4	146
Sept-Îles	7	2,974	10	11	46	1	196
Sioux Lookout	9	2,666	10	13	26	9	124
Smithers	50	559	13	12	12	30	32
St. Catharines	8	2,965	20	20	51	16	175
Sudbury	6	3,002	5	18	37	11	173
Terrace	29	1,466	22	13	27	27	95
Thompson	14	2,336	15	11	20	1	115
Timmins	16	2,247	30	15	18	30	99
Val-d'Or	25	1,547	1	11	28	19	113
Victoria Harbour	10	2,554	9	10	18	9	119
Wabush	20	1,727	22	15	25	22	115
Whitecourt	36	1,136	6	14	49	6	133
Williams Lake	46	724	19	15	39	19	75

**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	29	3,083	21	10	25	8	206
Boundary Bay	24	3,557	8	15	44	24	341
Calgary International	4	19,705	7	18	59	21	780
Calgary/Springbank	19	4,033	10	10	43	10	321
Chicoutimi/St-Honoré	37	1,719	15	14	21	20	152
Edmonton City Centre	16	4,338	8	17	24	21	221
Edmonton International	5	11,718	7	12	44	7	510
Edmonton/Villeneuve	41	846	9	13	11	31	68
Fort McMurray	21	3,936	14	8	24	14	191
Fredericton International	22	3,600	17	10	22	17	229
Gander International	39	1,372	1	14	11	1	73
Halifax/Robert L. Stanfield International	9	6,863	21	10	23	7	268
Hamilton	34	2,084	22	10	10	14	108
Kelowna	20	3,962	19	12	21	23	166
Kitchener/Waterloo	26	3,456	14	14	33	14	272
Langley	35	1,993	25	15	44	25	268
London	25	3,467	14	16	30	14	259
Moncton/Greater Moncton International	27	3,428	4	14	15	20	171
Montréal/Pierre Elliott Trudeau International	3	20,012	19	18	67	12	721
Montréal/St-Hubert	11	6,563	6	14	52	6	440
Oshawa	32	2,299	11	9	53	11	280
Ottawa/Macdonald-Cartier International	6	11,394	19	11	43	19	489
Pitt Meadows	33	2,117	24	14	49	24	328
Prince George	36	1,939	9	9	14	9	87
Québec/Jean Lesage International	8	7,758	23	16	39	30	369
Regina International	23	3,561	31	15	18	22	152
Saskatoon/John G. Diefenbaker International	13	5,495	15	16	35	21	251
Sault Ste. Marie	30	2,620	11	15	16	5	133
St. John's International	28	3,166	7	17	13	29	138
St-Jean	42	719	31	11	26	31	126
Thunder Bay	14	5,239	10	12	27	9	265
Toronto/Billy Bishop Toronto City	10	6,715	16	17	33	14	289
Toronto/Buttonville Municipal	15	5,061	5	12	37	14	372
Toronto/Lester B. Pearson International	1	36,792	2	18	99	9	1,313
Vancouver Harbour	17	4,161	1	16	26	30	183
Vancouver International	2	24,105	16	18	68	8	875
Victoria International	12	6,473	24	13	38	7	321
Whitehorse International	38	1,514	29	16	14	29	79
Windsor	40	1,372	11	16	12	11	67
Winnipeg/James Armstrong Richardson International	7	9,748	20	15	38	21	400
Winnipeg/St. Andrews	31	2,613	28	11	25	28	161
Yellowknife	18	4,142	10	14	41	10	274

**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	35	864	15	15	22	15	96
Campbell River	28	1,057	7	16	12	25	69
Castlegar	47	598	9	14	9	9	38
Charlottetown	36	810	10	14	11	10	44
Churchill	42	703	22	11	7	22	50
Cranbrook	40	760	18	15	7	27	34
Deer Lake	20	1,400	1	8	10	12	62
Fort Nelson	21	1,397	27	9	18	27	113
Fort St. John	12	1,672	7	11	14	7	93
Grande Prairie	6	2,194	7	13	14	14	104
High Level	48	582	14	11	8	14	40
Îles-de-la-Madeleine	45	631	16	15	9	16	44
Inuvik/Mike Zubko	34	889	5	13	9	28	46
Iqaluit	15	1,462	28	14	17	19	71
Kamloops	10	1,686	25	12	15	25	84
Kenora	38	777	13	10	10	19	51
Kingston	13	1,511	18	11	14	21	100
Kuujuaq	26	1,083	7	11	8	5	51
La Grande Rivière	39	765	27	9	11	27	42
La Ronge	17	1,452	28	9	15	15	98
Lethbridge	27	1,077	10	14	13	10	65
Lloydminster	37	807	16	14	9	15	48
Medicine Hat	29	1,044	21	14	18	8	58
Mont-Joli	44	642	12	10	8	12	38
Montréal/Mirabel International	30	1,029	30	8	8	30	72
Nanaimo	19	1,410	7	16	13	25	83
Norman Wells	8	1,962	29	18	20	29	118
North Bay	9	1,797	14	15	18	27	102
Ottawa/Gatineau	16	1,460	17	16	22	17	110
Peace River	43	651	7	13	7	28	40
Penticton	32	934	18	12	15	18	64
Port Hardy	41	705	13	16	8	22	50
Prince Albert	14	1,499	30	11	17	15	98
Prince Rupert	51	271	16	19	6	16	20
Rankin Inlet	33	910	7	14	9	7	51
Red Deer Regional	18	1,425	2	11	21	21	91
Rouyn-Noranda	24	1,204	1	16	9	20	71
Saint John	25	1,143	10	11	8	20	61
Sept-Îles	4	2,498	7	11	16	2	116
Sioux Lookout	1	2,595	9	13	17	9	120
Smithers	49	547	1	10	8	30	32
St. Catharines	23	1,221	10	14	19	14	99
Sudbury	3	2,498	27	18	16	14	118
Terrace	31	1,028	21	10	12	27	63
Thompson	5	2,323	15	11	19	1	115
Timmins	7	2,157	23	16	15	6	94
Val-d'Or	22	1,273	7	11	12	21	62
Victoria Harbour	2	2,538	1	8	16	8	115
Wabush	11	1,673	27	11	17	27	87
Whitecourt	50	544	6	13	7	31	41
Williams Lake	46	612	6	8	8	22	33

**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	3	5,966	21	11	98	8	450
Boundary Bay	5	5,724	16	15	94	16	436
Calgary International	38	120	5	16	8	25	20
Calgary/Springbank	2	6,902	24	15	82	8	416
Chicoutimi/St-Honoré	4	5,840	22	20	104	20	702
Edmonton City Centre	33	602	13	11	20	21	46
Edmonton International	35	338	11	13	12	29	24
Edmonton/Villeneuve	9	4,594	7	11	94	31	368
Fort McMurray	32	666	19	12	24	19	96
Fredericton International	8	4,658	19	13	54	17	368
Gander International	30	752	2	19	36	2	122
Halifax/Robert L. Stanfield International	36	316	19	14	16	7	36
Hamilton	31	690	12	13	14	21	50
Kelowna	20	2,388	18	15	56	19	150
Kitchener/Waterloo	7	5,122	22	9	66	21	390
Langley	17	2,748	7	15	50	30	192
London	14	3,430	17	20	72	14	286
Moncton/Greater Moncton International	23	1,842	19	22	34	19	178
Montréal/Pierre Elliott Trudeau International	39	82	17	7	6	26	10
Montréal/St-Hubert	1	9,000	21	11	116	20	728
Oshawa	22	1,998	30	15	36	21	162
Ottawa/Macdonald-Cartier International	18	2,576	6	13	50	19	174
Pitt Meadows	11	3,952	7	13	84	7	472
Prince George	28	1,100	5	12	32	5	106
Québec/Jean Lesage International	12	3,616	20	14	58	20	324
Regina International	26	1,304	3	11	26	17	106
Saskatoon/John G. Diefenbaker International	19	2,542	12	11	38	12	148
Sault Ste. Marie	13	3,460	5	20	74	22	266
St. John's International	40	82	10	18	10	31	12
St-Jean	24	1,604	6	12	42	31	156
Thunder Bay	16	3,320	10	13	106	10	292
Toronto/Billy Bishop Toronto City	21	2,096	10	14	44	10	300
Toronto/Buttonville Municipal	6	5,712	18	17	120	14	496
Toronto/Lester B. Pearson International	37	220	3	11	18	23	50
Vancouver Harbour	0	0	0	0	0	0	0
Vancouver International	41	16	23	21	4	23	4
Victoria International	15	3,408	30	11	60	21	222
Whitehorse International	25	1,378	28	14	66	28	224
Windsor	34	428	4	19	18	18	46
Winnipeg/James Armstrong Richardson International	29	936	20	16	20	20	70
Winnipeg/St. Andrews	10	4,328	13	15	70	28	312
Yellowknife	27	1,276	30	15	44	18	98

**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	11	832	18	15	42	15	126
Campbell River	25	280	8	16	20	26	34
Castlegar	22	430	19	12	52	10	56
Charlottetown	28	124	10	18	10	10	16
Churchill	45	16	13	17	16	13	16
Cranbrook	41	42	8	18	14	8	14
Deer Lake	23	416	3	12	24	15	82
Fort Nelson	31	110	17	15	18	15	24
Fort St. John	3	1,992	6	15	66	8	274
Grande Prairie	6	1,604	1	16	42	25	144
High Level	18	492	20	14	36	13	66
Îles-de-la-Madeleine	0	0	0	0	0	0	0
Inuvik/Mike Zubko	43	20	20	16	18	20	18
Iqaluit	40	42	19	9	14	19	14
Kamloops	12	614	3	11	34	7	70
Kenora	16	508	21	11	48	21	76
Kingston	9	994	14	10	40	14	156
Kuujuaq	36	84	16	8	12	16	16
La Grande Rivière	42	23	16	19	10	27	11
La Ronge	27	175	9	14	13	7	20
Lethbridge	20	455	26	10	20	15	48
Lloydminster	14	562	24	14	22	24	68
Medicine Hat	24	415	14	10	28	31	60
Mont-Joli	0	0	0	0	0	0	0
Montréal/Mirabel International	7	1,386	18	14	32	18	104
Nanaimo	10	954	15	11	30	8	94
Norman Wells	35	84	14	10	8	26	10
North Bay	1	3,578	23	9	66	23	306
Ottawa/Gatineau	2	2,224	11	10	52	11	192
Peace River	32	96	10	11	8	9	14
Penticton	8	1,167	7	9	36	7	158
Port Hardy	29	118	7	16	14	7	28
Prince Albert	38	58	29	19	14	4	22
Prince Rupert	48	10	20	11	10	20	10
Rankin Inlet	49	6	22	16	4	22	6
Red Deer Regional	4	1,760	29	9	54	21	192
Rouyn-Noranda	34	88	19	20	14	19	18
Saint John	15	518	25	11	24	4	100
Sept-Îles	19	476	10	11	36	1	100
Sioux Lookout	37	71	10	13	18	10	18
Smithers	47	12	13	12	10	13	10
St. Catharines	5	1,744	20	20	44	22	110
Sudbury	17	504	5	18	22	11	88
Terrace	21	438	22	13	24	5	56
Thompson	46	13	21	13	6	21	8
Timmins	33	90	1	19	12	1	16
Val-d'Or	26	274	1	11	24	19	66
Victoria Harbour	44	16	14	17	6	14	8
Wabush	39	54	22	15	24	22	48
Whitecourt	13	592	6	14	42	6	104
Williams Lake	30	112	19	15	36	19	50

**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	3	5,966	21	11	98	8	450
Boundary Bay	5	5,724	16	15	94	16	436
Calgary International	38	120	5	16	8	25	20
Calgary/Springbank	2	6,902	24	15	82	8	416
Chicoutimi/St-Honoré	4	5,826	22	20	104	20	702
Edmonton City Centre	33	596	13	11	20	21	46
Edmonton International	35	328	11	13	12	29	24
Edmonton/Villeneuve	9	4,594	7	11	94	31	368
Fort McMurray	32	666	19	12	24	19	96
Fredericton International	8	4,652	19	13	54	17	368
Gander International	30	752	2	19	36	2	122
Halifax/Robert L. Stanfield International	36	302	19	14	16	7	36
Hamilton	31	690	12	13	14	21	50
Kelowna	20	2,372	18	15	56	19	150
Kitchener/Waterloo	7	5,122	22	9	66	21	390
Langley	17	2,748	7	15	50	30	192
London	14	3,422	17	20	72	14	286
Moncton/Greater Moncton International	23	1,838	19	22	34	19	178
Montréal/Pierre Elliott Trudeau International	39	82	17	7	6	26	10
Montréal/St-Hubert	1	9,000	21	11	116	20	728
Oshawa	22	1,998	30	15	36	21	162
Ottawa/Macdonald-Cartier International	18	2,572	6	13	50	19	174
Pitt Meadows	11	3,952	7	13	84	7	472
Prince George	28	1,098	5	12	32	5	106
Québec/Jean Lesage International	12	3,604	20	14	58	20	324
Regina International	27	1,112	3	11	26	17	106
Saskatoon/John G. Diefenbaker International	19	2,486	12	11	38	12	144
Sault Ste. Marie	13	3,458	5	20	74	22	266
St. John's International	40	82	10	18	10	31	12
St-Jean	24	1,600	6	12	42	31	156
Thunder Bay	16	3,318	10	13	106	10	292
Toronto/Billy Bishop Toronto City	21	2,096	10	14	44	10	300
Toronto/Buttonville Municipal	6	5,712	18	17	120	14	496
Toronto/Lester B. Pearson International	37	220	3	11	18	23	50
Vancouver Harbour	0	0	0	0	0	0	0
Vancouver International	41	16	23	21	4	23	4
Victoria International	15	3,380	30	11	60	7	220
Whitehorse International	25	1,374	28	14	66	28	224
Windsor	34	424	4	19	18	18	46
Winnipeg/James Armstrong Richardson International	29	936	20	16	20	20	70
Winnipeg/St. Andrews	10	4,328	13	15	70	28	312
Yellowknife	26	1,276	30	15	44	18	98

**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	11	790	18	15	42	15	122
Campbell River	25	274	8	16	20	26	34
Castlegar	22	430	19	12	52	10	56
Charlottetown	28	120	10	18	10	10	16
Churchill	44	16	13	17	16	13	16
Cranbrook	41	42	8	18	14	8	14
Deer Lake	23	416	3	12	24	15	82
Fort Nelson	30	110	17	15	18	15	24
Fort St. John	3	1,992	6	15	66	8	274
Grande Prairie	6	1,604	1	16	42	25	144
High Level	17	492	20	14	36	13	66
Îles-de-la-Madeleine	0	0	0	0	0	0	0
Inuvik/Mike Zubko	43	20	20	16	18	20	18
Iqaluit	40	42	19	9	14	19	14
Kamloops	12	614	3	11	34	7	70
Kenora	19	458	1	16	26	1	66
Kingston	9	984	14	10	40	14	156
Kuujuaq	35	84	16	8	12	16	16
La Grande Rivière	42	23	16	19	10	27	11
La Ronge	27	175	9	14	13	7	20
Lethbridge	20	455	26	10	20	15	48
Lloydminster	14	562	24	14	22	24	68
Medicine Hat	24	415	14	10	28	31	60
Mont-Joli	0	0	0	0	0	0	0
Montréal/Mirabel International	7	1,382	18	14	32	18	104
Nanaimo	10	954	15	11	30	8	94
Norman Wells	36	84	14	10	8	26	10
North Bay	1	3,574	23	9	66	23	306
Ottawa/Gatineau	2	2,224	11	10	52	11	192
Peace River	31	96	10	11	8	9	14
Penticton	8	1,167	7	9	36	7	158
Port Hardy	29	114	7	16	14	7	28
Prince Albert	38	58	29	19	14	4	22
Prince Rupert	48	10	20	11	10	20	10
Rankin Inlet	49	6	22	16	4	22	6
Red Deer Regional	4	1,760	29	9	54	21	192
Rouyn-Noranda	34	88	19	20	14	19	18
Saint John	15	516	25	11	24	4	100
Sept-Îles	18	476	10	11	36	1	100
Sioux Lookout	37	71	10	13	18	10	18
Smithers	47	12	13	12	10	13	10
St. Catharines	5	1,744	20	20	44	22	110
Sudbury	16	504	5	18	22	11	88
Terrace	21	438	22	13	24	5	56
Thompson	46	13	21	13	6	21	8
Timmins	33	90	1	19	12	1	16
Val-d'Or	26	274	1	11	24	19	66
Victoria Harbour	45	16	14	17	6	14	8
Wabush	39	54	22	15	24	22	48
Whitecourt	13	592	6	14	42	6	104
Williams Lake	32	92	19	15	18	19	32

**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	6	14	23	15	6	23	6
Edmonton City Centre	11	6	28	19	6	28	6
Edmonton International	8	10	6	19	2	8	4
Edmonton/Villeneuve	0	0	0	0	0	0	0
Fort McMurray	0	0	0	0	0	0	0
Fredericton International	10	6	24	13	4	24	4
Gander International	0	0	0	0	0	0	0
Halifax/Robert L. Stanfield International	5	14	23	18	6	23	8
Hamilton	0	0	0	0	0	0	0
Kelowna	4	16	9	16	10	9	14
Kitchener/Waterloo	0	0	0	0	0	0	0
Langley	0	0	0	0	0	0	0
London	9	8	8	14	4	8	8
Moncton/Greater Moncton International	13	4	1	9	2	1	2
Montréal/Pierre Elliott Trudeau International	0	0	0	0	0	0	0
Montréal/St-Hubert	0	0	0	0	0	0	0
Oshawa	0	0	0	0	0	0	0
Ottawa/Macdonald-Cartier International	12	4	6	19	2	6	2
Pitt Meadows	0	0	0	0	0	0	0
Prince George	18	2	14	11	2	14	2
Québec/Jean Lesage International	7	12	12	13	8	12	10
Regina International	1	192	23	12	12	23	28
Saskatoon/John G. Diefenbaker International	2	56	29	12	8	29	10
Sault Ste. Marie	17	2	16	10	2	16	2
St. John's International	0	0	0	0	0	0	0
St-Jean	16	4	22	11	4	22	4
Thunder Bay	19	2	7	11	2	7	2
Toronto/Billy Bishop Toronto City	0	0	0	0	0	0	0
Toronto/Buttonville Municipal	0	0	0	0	0	0	0
Toronto/Lester B. Pearson International	0	0	0	0	0	0	0
Vancouver Harbour	0	0	0	0	0	0	0
Vancouver International	0	0	0	0	0	0	0
Victoria International	3	28	21	10	10	21	20
Whitehorse International	14	4	5	12	4	5	4
Windsor	15	4	8	13	2	8	4
Winnipeg/James Armstrong Richardson International	0	0	0	0	0	0	0
Winnipeg/St. Andrews	0	0	0	0	0	0	0
Yellowknife	0	0	0	0	0	0	0

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

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Brandon Municipal	2	42	16	15	12	16	12
Campbell River	5	6	19	17	2	22	4
Castlegar	0	0	0	0	0	0	0
Charlottetown	6	4	12	9	2	12	2
Churchill	0	0	0	0	0	0	0
Cranbrook	0	0	0	0	0	0	0
Deer Lake	0	0	0	0	0	0	0
Fort Nelson	0	0	0	0	0	0	0
Fort St. John	0	0	0	0	0	0	0
Grande Prairie	0	0	0	0	0	0	0
High Level	0	0	0	0	0	0	0
Îles-de-la-Madeleine	0	0	0	0	0	0	0
Inuvik/Mike Zubko	0	0	0	0	0	0	0
Iqaluit	0	0	0	0	0	0	0
Kamloops	0	0	0	0	0	0	0
Kenora	1	50	21	11	24	21	36
Kingston	4	10	23	16	8	23	8
Kuujuaq	0	0	0	0	0	0	0
La Grande Rivière	0	0	0	0	0	0	0
La Ronge	0	0	0	0	0	0	0
Lethbridge	0	0	0	0	0	0	0
Lloydminster	0	0	0	0	0	0	0
Medicine Hat	0	0	0	0	0	0	0
Mont-Joli	0	0	0	0	0	0	0
Montréal/Mirabel International	8	4	5	13	2	5	2
Nanaimo	0	0	0	0	0	0	0
Norman Wells	0	0	0	0	0	0	0
North Bay	7	4	7	12	4	7	4
Ottawa/Gatineau	0	0	0	0	0	0	0
Peace River	0	0	0	0	0	0	0
Penticton	0	0	0	0	0	0	0
Port Hardy	9	4	1	11	2	1	2
Prince Albert	0	0	0	0	0	0	0
Prince Rupert	0	0	0	0	0	0	0
Rankin Inlet	0	0	0	0	0	0	0
Red Deer Regional	0	0	0	0	0	0	0
Rouyn-Noranda	0	0	0	0	0	0	0
Saint John	10	2	26	10	2	26	2
Sept-Îles	0	0	0	0	0	0	0
Sioux Lookout	0	0	0	0	0	0	0
Smithers	0	0	0	0	0	0	0
St. Catharines	0	0	0	0	0	0	0
Sudbury	0	0	0	0	0	0	0
Terrace	0	0	0	0	0	0	0
Thompson	0	0	0	0	0	0	0
Timmins	0	0	0	0	0	0	0
Val-d'Or	0	0	0	0	0	0	0
Victoria Harbour	0	0	0	0	0	0	0
Wabush	0	0	0	0	0	0	0
Whitecourt	0	0	0	0	0	0	0
Williams Lake	3	20	19	15	18	19	18

# 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**

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

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

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

Starting in November 2011, Westjet launched its new twice-weekly seasonal service from Toronto to San Juan, Puerto Rico, two new flights flying out of London to Las Vegas and Cancun, Mexico. It has also increased service between Edmonton and Calgary from five to seven flights daily, and increased service between Vancouver and Toronto for the winter from five to six flights daily.

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

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

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

Bearskin Airlines has initiated daily non-stop flights between Kitchener/Waterloo and Montreal/Pierre Elliott Trudeau International Airport in May 2011.

In May 2011 WestJet has begun the reintroduction of flights from Hamilton, 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 Toronto/Billy Bishop Toronto City Airport to Windsor and Sault Ste. Marie.

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

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

## **Appendix II**

---

### **Glossary of terms**

#### **Air carrier**

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

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

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

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

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

#### **Aircraft movement**

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

#### **Class of operation**

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

#### **Commercial**

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

#### **Domestic itinerant movements**

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

#### **FSS**

Flight service station.

## **Government-Civil**

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

## **Government-Military**

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

## **I.F.R. flight**

A flight conducted in accordance with Instrument Flight Rules.

## **International movements**

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

## **Itinerant movements**

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

## **Local movements**

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

## **Maximum take-off weight**

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

## **Other commercial**

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

## **Power plant**

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

## **Private aircraft**

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

## **Runway 88**

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

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

## **Simulated approaches**

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

## **TC**

Transport Canada.

## **Tower control zone**

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

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

A flight conducted in accordance with Visual flight rules.

## **Weight group**

The classification of weight classes in groups for statistical purposes.