

Catalogue no. 51-007-X

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



January 2013



Statistics
Canada

Statistique
Canada

Canada

How to obtain more information

For information about this product or the wide range of services and data available from Statistics Canada, visit our website, www.statcan.gc.ca.

You can also contact us by

e-mail at infostats@statcan.gc.ca

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

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

Depository Services Program

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

To access this product

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

Standards of service to the public

Statistics Canada is committed to serving its clients in a prompt, reliable and courteous manner. To this end, this agency has developed standards of service that its employees observe. To obtain a copy of these service standards, please contact Statistics Canada toll-free at 1-800-263-1136. The service standards are also published at www.statcan.gc.ca 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)

January 2013

Published by authority of the Minister responsible for Statistics Canada

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

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

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

April 2013

Catalogue no. 51-007-X

ISSN 1911-6314

Frequency: Monthly

Ottawa

Cette publication est également disponible en français.

Note of appreciation

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

User information

Symbols

The following standard symbols are used in Statistics Canada publications:

- . not available for any reference period
- .. not available for a specific reference period
- ... not applicable
- 0 true zero or a value rounded to zero
- 0^s value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
- p preliminary
- r revised
- x suppressed to meet the confidentiality requirements of the *Statistics Act*
- E use with caution
- F too unreliable to be published
- * significantly different from reference category ($p < 0.05$)

Acknowledgements

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

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

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

Table of contents

Highlights	5
Analysis	6
Related products	7
Statistical tables	
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 359,540 aircraft take-offs and landings at the 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations in January 2013 compared with 355,245 movements in January 2012.

Itinerant movements (flights from one airport to another) increased (+364 movements) in January 2013 from the same month in 2012. These airports reported 275,310 movements compared with 274,946 movements in January 2012.

There were 84,230 local movements (flights that remain in the vicinity of the airport) in January 2013 compared with 80,299 movements in January 2012.

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

	NAV CANADA towers		NAV CANADA Flight Service Stations		Total	
	number	Percentage change, January 2012 to January 2013	number	Percentage change, January 2012 to January 2013	number	Percentage change, January 2012 to January 2013
Grand total	293,170	2.1	66,370	-2.4	359,540	1.2
Itinerant movements						
Air carriers	191,314	-0.1	42,395	-2.0	233,709	-0.5
Other commercial movements	13,054	5.9	2,064	25.2	15,118	8.2
Private movements	15,144	6.7	4,514	-4.6	19,658	3.9
Government civil movements	3,517	-8.0	1,322	-6.6	4,839	-7.6
Government military movements	1,597	3.3	389	-19.0	1,986	-2.0
Itinerant total	224,626	0.5	50,684	-1.7	275,310	0.1
Local movements						
Civil local movements	68,182	7.3	15,626	-3.8	83,808	5.1
Military local movements	362	6.5	60	-70.6	422	-22.4
Local total	68,544	7.3	15,686	-4.6	84,230	4.9

Analysis

There were 359,540 aircraft take-offs and landings at the 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations in January 2013 compared with 355,245 movements in January 2012. Year-over-year increases were reported by 46 airports. Toronto/Lester B. Pearson International, Ontario (35,807 movements) and Vancouver International, British Columbia (22,919 movements) were the most active sites in January.

Itinerant movements (flights from one airport to another) increased (+364 movements) in January 2013 from the same month in 2012. These airports reported 275,310 movements compared with 274,946 movements in January 2012. Year-over-year variations ranged from an increase of 730 movements (+3.7%) at Calgary International, Alberta to a drop of 671 movements (-6.4%) at Ottawa/Macdonald-Cartier International, Ontario. Forty-five airports reported year-over-year increases in the number of itinerant aircraft movements in January 2013.

In January 2013, there were 84,230 local movements (flights that remain in the vicinity of the airport) recorded. This represents an increase of 4.9% (+3,931 movements) compared with the previous year. Calgary/Springbank, Alberta (6,366 movements) and Abbotsford, British Columbia (5,998 movements) recorded the largest number of local movements.

Itinerant movements: domestic, transborder and international

There were 221,538 domestic itinerant movements reported by 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations in January 2013, down 0.1% (-257 movements) from January 2012. Vancouver International, British Columbia (16,907 movements) and Calgary International, Alberta (16,219 movements) reported the greatest number of domestic itinerant movements. Fifty airports reported year-over-year decreases in the number of domestic movements in January 2013.

Seventy airports recorded 40,839 transborder itinerant movements (between Canada and the United States) in January 2013, up 2.9% from the same month in 2012. Toronto/Lester B. Pearson International, Ontario (16,114 movements) reported the greatest number of transborder itinerant movements.

In January 2013, forty-three airports reported 12,933 other international itinerant movements, down 3.9% from January 2012. Toronto/Lester B. Pearson International, Ontario, recorded 5,598 other international itinerant movements. This represents 43.3% 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	10	8,652	24	2,654	2	5,998
Boundary Bay	15	7,065	26	2,447	4	4,618
Calgary International	3	20,305	3	20,203	41	102
Calgary/Springbank	8	10,196	14	3,830	1	6,366
Chicoutimi/St-Honoré	40	1,289	41	379	24	910
Edmonton City Centre	27	3,741	19	3,203	27	538
Edmonton International	5	12,577	5	12,307	34	270
Edmonton/Villeneuve	30	3,185	40	587	9	2,598
Fort McMurray	25	3,956	15	3,770	36	186
Fredericton International	11	7,827	17	3,575	5	4,252
Gander International	36	2,265	34	1,539	25	726
Halifax/Robert L. Stanfield International	17	6,238	8	6,036	35	202
Hamilton	37	2,169	32	1,747	29	422
Kelowna	19	5,556	16	3,602	14	1,954
Kitchener/Waterloo	20	5,493	28	2,385	7	3,108
Langley	33	2,502	38	1,110	19	1,392
London	23	4,931	27	2,387	10	2,544
Moncton/Greater Moncton International	24	4,523	21	2,895	16	1,628
Montréal/Pierre Elliott Trudeau International	4	18,529	4	18,377	37	152
Montréal/St-Hubert	21	5,223	23	2,723	11	2,500
Oshawa	31	3,064	31	1,852	21	1,212
Ottawa/Macdonald-Cartier International	6	11,358	6	9,770	17	1,588
Pitt Meadows	28	3,533	36	1,305	13	2,228
Prince George	38	1,977	33	1,581	31	396
Québec/Jean Lesage International	13	7,272	9	5,946	20	1,326
Regina International	26	3,933	18	3,225	26	708
Saskatoon/John G. Diefenbaker International	14	7,100	12	5,214	15	1,886
Sault Ste. Marie	34	2,392	35	1,480	23	912
St. John's International	32	2,967	22	2,851	38	116
St-Jean	42	620	42	200	30	420
Thunder Bay	16	6,605	13	4,307	12	2,298
Toronto/Billy Bishop Toronto City	12	7,423	10	5,937	18	1,486
Toronto/Buttonville Municipal	18	5,779	25	2,479	6	3,300
Toronto/Lester B. Pearson International	1	35,807	1	35,705	39	102
Vancouver Harbour	35	2,317	29	2,313	42	4
Vancouver International	2	22,919	2	22,817	40	102
Victoria International	7	10,654	11	5,870	3	4,784
Whitehorse International	41	1,184	39	868	33	316
Windsor	39	1,595	37	1,129	28	466
Winnipeg/James Armstrong Richardson International	9	10,034	7	9,064	22	970
Winnipeg/St. Andrews	22	4,963	30	1,889	8	3,074
Yellowknife	29	3,452	20	3,068	32	384
Total of NAV CANADA towers (42)	.	293,170	.	224,626	.	68,544

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	42	599	50	367	18	232
Campbell River	15	1,569	28	829	9	740
Castlegar	48	464	49	370	26	94
Charlottetown	38	688	33	626	31	62
Churchill	37	698	31	690	44	8
Cranbrook	33	881	27	843	37	38
Deer Lake	17	1,498	13	1,272	19	226
Fort Nelson	27	1,096	19	1,060	38	36
Fort St. John	21	1,437	12	1,325	24	112
Grande Prairie	1	3,084	5	1,976	5	1,108
High Level	49	413	48	387	39	26
Îles-de-la-Madeleine	50	406	47	406	0	0
Inuvik/Mike Zubko	40	627	36	569	32	58
Iqaluit	25	1,251	15	1,211	34	40
Kamloops	8	2,354	7	1,614	8	740
Kenora	34	805	35	599	20	206
Kingston	13	1,793	18	1,103	10	690
Kuujuuaq	36	752	30	736	42	16
La Grande Rivière	45	527	42	527	0	0
La Ronge	24	1,260	16	1,148	25	112
Lethbridge	7	2,373	14	1,221	4	1,152
Lloydminster	29	1,008	37	568	13	440
Medicine Hat	23	1,262	21	1,026	17	236
Mont-Joli	41	615	34	615	0	0
Montréal/Mirabel International	10	2,088	23	988	6	1,100
Nanaimo	18	1,486	20	1,026	12	460
Norman Wells	39	636	38	568	29	68
North Bay	3	2,603	17	1,109	2	1,494
Ottawa/Gatineau	9	2,135	39	557	1	1,578
Peace River	43	588	40	548	36	40
Penticton	32	970	41	540	14	430
Port Hardy	47	468	46	450	41	18
Prince Albert	14	1,617	8	1,607	43	10
Prince Rupert	51	197	51	197	0	0
Rankin Inlet	35	802	29	780	40	22
Red Deer Regional	5	2,537	11	1,333	3	1,204
Rouyn-Noranda	31	979	24	973	45	6
Saint John	22	1,306	22	994	16	312
Sept-Îles	12	2,042	6	1,894	21	148
Sioux Lookout	4	2,550	2	2,462	27	88
Smithers	46	519	45	455	30	64
St. Catharines	26	1,182	32	686	11	496
Sudbury	6	2,429	4	2,009	15	420
Terrace	30	994	25	954	35	40
Thompson	2	2,633	1	2,519	23	114
Timmins	11	2,081	3	2,033	33	48
Val-d'Or	28	1,013	26	883	22	130
Victoria Harbour	16	1,538	9	1,534	46	4
Wabush	19	1,480	10	1,480	0	0
Whitecourt	20	1,452	44	506	7	946
Williams Lake	44	585	43	511	28	74
Total of all flight service stations (51)	.	66,370	.	50,684	.	15,686

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

	Civil movements			Military movements				
	Total	Itinerant		Local	Total	Itinerant		Local
		Commercial	Private and government			Commercial	Private and government	
	number							
Abbotsford	8,631	1,943	690	5,998	21	21	0	
Boundary Bay	7,063	1,729	716	4,618	2	2	0	
Calgary International	20,268	18,925	1,241	102	37	37	0	
Calgary/Springbank	10,196	2,943	887	6,366	0	0	0	
Chicoutimi/St-Honoré	1,283	363	16	904	6	0	6	
Edmonton City Centre	3,739	2,202	999	538	2	2	0	
Edmonton International	12,517	11,545	726	246	60	36	24	
Edmonton/Villeneuve	3,185	408	179	2,598	0	0	0	
Fort McMurray	3,950	3,098	672	180	6	0	6	
Fredericton International	7,801	3,471	92	4,238	26	12	14	
Gander International	2,091	1,219	150	722	174	170	4	
Halifax/Robert L. Stanfield International	6,148	5,741	209	198	90	86	4	
Hamilton	2,161	1,574	169	418	8	4	4	
Kelowna	5,556	3,304	298	1,954	0	0	0	
Kitchener/Waterloo	5,488	1,885	495	3,108	5	5	0	
Langley	2,466	619	455	1,392	36	36	0	
London	4,925	1,993	392	2,540	6	2	4	
Moncton/Greater Moncton International	4,495	2,709	180	1,606	28	6	22	
Montréal/Pierre Elliott Trudeau International	18,514	17,438	924	152	15	15	0	
Montréal/St-Hubert	5,124	1,900	724	2,500	99	99	0	
Oshawa	3,056	1,173	673	1,210	8	6	2	
Ottawa/Macdonald-Cartier International	11,211	9,207	418	1,586	147	145	2	
Pitt Meadows	3,533	713	592	2,228	0	0	0	
Prince George	1,973	1,421	160	392	4	0	4	
Québec/Jean Lesage International	7,222	5,366	542	1,314	50	38	12	
Regina International	3,754	2,899	287	568	179	39	140	
Saskatoon/John G. Diefenbaker International	6,946	4,597	549	1,800	154	68	86	
Sault Ste. Marie	2,386	1,419	55	912	6	6	0	
St. John's International	2,857	2,524	217	116	110	110	0	
St-Jean	575	75	80	420	45	45	0	
Thunder Bay	6,569	4,062	209	2,298	36	36	0	
Toronto/Billy Bishop Toronto City	7,417	5,751	180	1,486	6	6	0	
Toronto/Buttonville Municipal	5,779	1,510	969	3,300	0	0	0	
Toronto/Lester B. Pearson International	35,792	34,786	904	102	15	15	0	
Vancouver Harbour	2,310	2,299	7	4	7	7	0	
Vancouver International	22,905	22,068	735	102	14	14	0	
Victoria International	10,516	4,986	746	4,784	138	138	0	
Whitehorse International	1,172	757	99	316	12	12	0	
Windsor	1,591	916	211	464	4	2	2	
Winnipeg/James Armstrong Richardson International	9,788	8,244	580	964	246	240	6	
Winnipeg/St. Andrews	4,963	1,737	152	3,074	0	0	0	
Yellowknife	3,295	2,849	82	364	157	137	20	
Total of NAV CANADA towers (42)	291,211	204,368	18,661	68,182	1,959	1,597	362	

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

	Civil movements			Military movements				
	Total	Itinerant		Local	Total	Itinerant		Local
		Commercial	Private and government					
	number							
Brandon Municipal	573	220	129	224	26	18	8	
Campbell River	1,563	704	123	736	6	2	4	
Castlegar	462	336	34	92	2	0	2	
Charlottetown	684	542	84	58	4	0	4	
Churchill	688	654	26	8	10	10	0	
Cranbrook	873	741	94	38	8	8	0	
Deer Lake	1,486	1,184	76	226	12	12	0	
Fort Nelson	1,086	1,013	37	36	10	10	0	
Fort St. John	1,437	1,179	146	112	0	0	0	
Grande Prairie	3,082	1,670	304	1,108	2	2	0	
High Level	413	364	23	26	0	0	0	
Îles-de-la-Madeleine	406	362	44	0	0	0	0	
Inuvik/Mike Zubko	621	543	20	58	6	6	0	
Iqaluit	1,218	1,118	60	40	33	33	0	
Kamloops	2,352	1,370	242	740	2	2	0	
Kenora	790	550	34	206	15	15	0	
Kingston	1,757	842	231	684	36	30	6	
Kuujuuaq	750	713	21	16	2	2	0	
La Grande Rivière	527	501	26	0	0	0	0	
La Ronge	1,256	1,084	60	112	4	4	0	
Lethbridge	2,371	920	299	1,152	2	2	0	
Lloydminster	1,008	424	144	440	0	0	0	
Medicine Hat	1,250	840	174	236	12	12	0	
Mont-Joli	615	554	61	0	0	0	0	
Montréal/Mirabel International	2,036	782	162	1,092	52	44	8	
Nanaimo	1,486	768	258	460	0	0	0	
Norman Wells	634	566	2	66	2	0	2	
North Bay	2,583	984	117	1,482	20	8	12	
Ottawa/Gatineau	2,127	252	297	1,578	8	8	0	
Peace River	584	494	52	38	4	2	2	
Penticton	940	456	54	430	30	30	0	
Port Hardy	460	354	88	18	8	8	0	
Prince Albert	1,567	1,390	167	10	50	50	0	
Prince Rupert	197	183	14	0	0	0	0	
Rankin Inlet	800	772	8	20	2	0	2	
Red Deer Regional	2,537	726	607	1,204	0	0	0	
Rouyn-Noranda	975	860	109	6	4	4	0	
Saint John	1,294	761	229	304	12	4	8	
Sept-Îles	2,040	1,793	99	148	2	2	0	
Sioux Lookout	2,520	2,395	37	88	30	30	0	
Smithers	519	429	26	64	0	0	0	
St. Catharines	1,182	468	218	496	0	0	0	
Sudbury	2,424	1,828	176	420	5	5	0	
Terrace	994	886	68	40	0	0	0	
Thompson	2,629	2,383	132	114	4	4	0	
Timmins	2,079	1,924	107	48	2	2	0	
Val-d'Or	1,013	802	81	130	0	0	0	
Victoria Harbour	1,530	1,450	76	4	8	8	0	
Wabush	1,480	1,426	54	0	0	0	0	
Whitecourt	1,440	446	48	946	12	12	0	
Williams Lake	583	453	58	72	2	0	2	
Total of all flight service stations (51)	65,921	44,459	5,836	15,626	449	389	60	

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI			Civil	Military
	number						
Abbotsford	2,654	444	1,483	16	615	75	21
Boundary Bay	2,447	4	430	1,295	697	19	2
Calgary International	20,203	17,793	686	446	1,087	154	37
Calgary/Springbank	3,830	15	753	2,175	887	0	0
Chicoutimi/St-Honoré	379	209	11	143	16	0	0
Edmonton City Centre	3,203	1,090	371	741	447	552	2
Edmonton International	12,307	11,081	333	131	724	2	36
Edmonton/Villeneuve	587	4	59	345	177	2	0
Fort McMurray	3,770	2,110	935	53	614	58	0
Fredericton International	3,575	740	2,731	0	66	26	12
Gander International	1,539	1,151	42	26	115	35	170
Halifax/Robert L. Stanfield International	6,036	5,427	304	10	173	36	86
Hamilton	1,747	1,412	85	77	136	33	4
Kelowna	3,602	2,624	544	136	227	71	0
Kitchener/Waterloo	2,385	396	1,465	24	493	2	5
Langley	1,110	2	52	565	449	6	36
London	2,387	977	140	876	339	53	2
Moncton/Greater Moncton International	2,895	1,603	1,102	4	84	96	6
Montréal/Pierre Elliott Trudeau International	18,377	16,718	691	29	789	135	15
Montréal/St-Hubert	2,723	1,283	338	279	662	62	99
Oshawa	1,852	7	65	1,101	602	71	6
Ottawa/Macdonald-Cartier International	9,770	7,647	187	1,373	202	216	145
Pitt Meadows	1,305	6	516	191	579	13	0
Prince George	1,581	1,111	298	12	112	48	0
Québec/Jean Lesage International	5,946	4,019	1,082	265	311	231	38
Regina International	3,225	2,390	471	38	170	117	39
Saskatoon/John G. Diefenbaker International	5,214	3,605	811	181	253	296	68
Sault Ste. Marie	1,480	1,060	32	327	40	15	6
St. John's International	2,851	2,179	341	4	58	159	110
St-Jean	200	0	14	61	80	0	45
Thunder Bay	4,307	3,318	129	615	109	100	36
Toronto/Billy Bishop Toronto City	5,937	4,815	265	671	176	4	6
Toronto/Buttonville Municipal	2,479	198	1,280	32	839	130	0
Toronto/Lester B. Pearson International	35,705	34,209	547	30	894	10	15
Vancouver Harbour	2,313	2,129	170	0	7	0	7
Vancouver International	22,817	20,652	1,359	57	539	196	14
Victoria International	5,870	2,858	1,995	133	739	7	138
Whitehorse International	868	617	139	1	72	27	12
Windsor	1,129	455	448	13	209	2	2
Winnipeg/James Armstrong Richardson International	9,064	8,001	209	34	191	389	240
Winnipeg/St. Andrews	1,889	422	1,023	292	152	0	0
Yellowknife	3,068	2,432	165	252	13	69	137
Total of NAV CANADA towers (42)	224,626	167,213	24,101	13,054	15,144	3,517	1,597

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	367	106	112	2	87	42	18
Campbell River	829	553	81	70	119	4	2
Castlegar	370	183	82	71	34	0	0
Charlottetown	626	532	10	0	54	30	0
Churchill	690	650	4	0	12	14	10
Cranbrook	843	690	51	0	88	6	8
Deer Lake	1,272	1,160	24	0	20	56	12
Fort Nelson	1,060	458	554	1	35	2	10
Fort St. John	1,325	843	332	4	141	5	0
Grande Prairie	1,976	1,112	549	9	278	26	2
High Level	387	296	68	0	9	14	0
Îles-de-la-Madeleine	406	316	44	2	0	44	0
Inuvik/Mike Zubko	569	424	51	68	2	18	6
Iqaluit	1,211	1,025	48	45	30	30	33
Kamloops	1,614	977	366	27	208	34	2
Kenora	599	386	80	84	16	18	15
Kingston	1,103	473	218	151	225	6	30
Kuujuuaq	736	683	30	0	2	19	2
La Grande Rivière	527	366	97	38	16	10	0
La Ronge	1,148	1,078	6	0	12	48	4
Lethbridge	1,221	506	19	395	275	24	2
Lloydminster	568	174	242	8	118	26	0
Medicine Hat	1,026	615	65	160	166	8	12
Mont-Joli	615	480	72	2	33	28	0
Montréal/Mirabel International	988	707	70	5	158	4	44
Nanaimo	1,026	375	382	11	244	14	0
Norman Wells	568	500	64	2	0	2	0
North Bay	1,109	656	161	167	108	9	8
Ottawa/Gatineau	557	79	135	38	277	20	8
Peace River	548	435	57	2	42	10	2
Penticton	540	213	221	22	46	8	30
Port Hardy	450	342	12	0	26	62	8
Prince Albert	1,607	1,363	23	4	57	110	50
Prince Rupert	197	183	0	0	2	12	0
Rankin Inlet	780	772	0	0	0	8	0
Red Deer Regional	1,333	219	423	84	582	25	0
Rouyn-Noranda	973	664	196	0	83	26	4
Saint John	994	683	50	28	221	8	4
Sept-Îles	1,894	1,321	423	49	27	72	2
Sioux Lookout	2,462	1,995	152	248	7	30	30
Smithers	455	325	82	22	18	8	0
St. Catharines	686	6	454	8	208	10	0
Sudbury	2,009	1,527	176	125	139	37	5
Terrace	954	539	347	0	40	28	0
Thompson	2,519	1,919	460	4	4	128	4
Timmins	2,033	1,815	107	2	58	49	2
Val-d'Or	883	758	38	6	65	16	0
Victoria Harbour	1,534	1,450	0	0	2	74	8
Wabush	1,480	1,278	132	16	26	28	0
Whitecourt	506	40	322	84	42	6	12
Williams Lake	511	404	49	0	52	6	0
Total of all flight service stations (51)	50,684	34,654	7,741	2,064	4,514	1,322	389

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 ¹	Instrument Flight Rules	Percentage Instrument Flight Rules	Visual Flight Rules	Percentage Visual Flight Rules	
	number		percent	number	percent	
Abbotsford	2,654	671	25.2	1,983	74.7	1,068
Boundary Bay	2,447	161	6.5	2,286	93.4	428
Calgary International	20,203	19,380	95.9	823	4.0	360
Calgary/Springbank	3,830	318	8.3	3,512	91.6	68
Chicoutimi/St-Honoré	379	63	16.6	316	83.3	38
Edmonton City Centre	3,203	1,709	53.3	1,494	46.6	1,054
Edmonton International	12,307	11,830	96.1	477	3.8	493
Edmonton/Villeneuve	587	63	10.7	524	89.2	132
Fort McMurray	3,770	2,736	72.5	1,034	27.4	139
Fredericton International	3,575	961	26.8	2,614	73.1	152
Gander International	1,539	996	64.7	543	35.2	53
Halifax/Robert L. Stanfield International	6,036	5,843	96.8	193	3.1	100
Hamilton	1,747	1,578	90.3	169	9.6	542
Kelowna	3,602	2,749	76.3	853	23.6	400
Kitchener/Waterloo	2,385	590	24.7	1,795	75.2	256
Langley	1,110	1	0.0	1,109	99.9	392
London	2,387	1,095	45.8	1,292	54.1	200
Moncton/Greater Moncton International	2,895	1,765	60.9	1,130	39.0	51
Montréal/Pierre Elliott Trudeau International	18,377	18,169	98.8	208	1.1	408
Montréal/St-Hubert	2,723	1,082	39.7	1,641	60.2	357
Oshawa	1,852	97	5.2	1,755	94.7	348
Ottawa/Macdonald-Cartier International	9,770	8,181	83.7	1,589	16.2	173
Pitt Meadows	1,305	14	1.0	1,291	98.9	711
Prince George	1,581	1,316	83.2	265	16.7	167
Québec/Jean Lesage International	5,946	4,838	81.3	1,108	18.6	490
Regina International	3,225	2,662	82.5	563	17.4	93
Saskatoon/John G. Diefenbaker International	5,214	4,058	77.8	1,156	22.1	79
Sault Ste. Marie	1,480	1,106	74.7	374	25.2	18
St. John's International	2,851	2,673	93.7	178	6.2	33
St-Jean	200	6	3.0	194	97.0	134
Thunder Bay	4,307	3,432	79.6	875	20.3	44
Toronto/Billy Bishop Toronto City	5,937	4,877	82.1	1,060	17.8	951
Toronto/Buttonville Municipal	2,479	433	17.4	2,046	82.5	662
Toronto/Lester B. Pearson International	35,705	35,574	99.6	131	0.3	101
Vancouver Harbour	2,313	219	9.4	2,094	90.5	674
Vancouver International	22,817	20,395	89.3	2,422	10.6	3,026
Victoria International	5,870	3,313	56.4	2,557	43.5	1,274
Whitehorse International	868	571	65.7	297	34.2	89
Windsor	1,129	615	54.4	514	45.5	81
Winnipeg/James Armstrong Richardson International	9,064	8,562	94.4	502	5.5	187
Winnipeg/St. Andrews	1,889	104	5.5	1,785	94.4	74
Yellowknife	3,068	2,295	74.8	773	25.1	119
Total of NAV CANADA towers (42)	224,626	177,101	78.8	47,525	21.2	16,219

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 ¹	Instrument Flight Rules	Percentage Instrument Flight Rules	Visual Flight Rules	Percentage Visual Flight Rules	
	number		percent	number	percent	
Brandon Municipal	367	145	39.5	222	60.4	81
Campbell River	829	527	63.5	302	36.4	260
Castlegar	370	229	61.8	141	38.1	73
Charlottetown	626	555	88.6	71	11.3	14
Churchill	690	673	97.5	17	2.4	0
Cranbrook	843	732	86.8	111	13.1	154
Deer Lake	1,272	1,206	94.8	66	5.1	9
Fort Nelson	1,060	473	44.6	587	55.3	21
Fort St. John	1,325	950	71.6	375	28.3	36
Grande Prairie	1,976	1,316	66.5	660	33.4	56
High Level	387	261	67.4	126	32.5	51
Îles-de-la-Madeleine	406	374	92.1	32	7.8	28
Inuvik/Mike Zubko	569	308	54.1	261	45.8	27
Iqaluit	1,211	1,068	88.1	143	11.8	2
Kamloops	1,614	1,128	69.8	486	30.1	443
Kenora	599	442	73.7	157	26.2	179
Kingston	1,103	553	50.1	550	49.8	104
Kuujuuaq	736	407	55.2	329	44.7	0
La Grande Rivière	527	430	81.5	97	18.4	77
La Ronge	1,148	738	64.2	410	35.7	205
Lethbridge	1,221	593	48.5	628	51.4	18
Lloydminster	568	264	46.4	304	53.5	28
Medicine Hat	1,026	521	50.7	505	49.2	86
Mont-Joli	615	586	95.2	29	4.7	5
Montréal/Mirabel International	988	774	78.3	214	21.6	575
Nanaimo	1,026	575	56.0	451	43.9	442
Norman Wells	568	227	39.9	341	60.0	7
North Bay	1,109	688	62.0	421	37.9	329
Ottawa/Gatineau	557	113	20.2	444	79.7	201
Peace River	548	402	73.3	146	26.6	1
Penticton	540	247	45.7	293	54.2	77
Port Hardy	450	235	52.2	215	47.7	311
Prince Albert	1,607	1,485	92.4	122	7.5	32
Prince Rupert	197	150	76.1	47	23.8	1
Rankin Inlet	780	772	98.9	8	1.0	296
Red Deer Regional	1,333	379	28.4	954	71.5	161
Rouyn-Noranda	973	954	98.0	19	1.9	15
Saint John	994	883	88.8	111	11.1	14
Sept-Îles	1,894	1,608	84.8	286	15.1	209
Sioux Lookout	2,462	2,059	83.6	403	16.3	176
Smithers	455	371	81.5	84	18.4	246
St. Catharines	686	78	11.3	608	88.6	172
Sudbury	2,009	1,629	81.0	380	18.9	161
Terrace	954	642	67.2	312	32.7	83
Thompson	2,519	1,621	64.3	898	35.6	43
Timmins	2,033	1,811	89.0	222	10.9	49
Val-d'Or	883	793	89.8	90	10.1	84
Victoria Harbour	1,534	278	18.1	1,256	81.8	562
Wabush	1,480	1,426	96.3	54	3.6	300
Whitecourt	506	66	13.0	440	86.9	31
Williams Lake	511	420	82.1	91	17.8	57
Total of all flight service stations (51)	50,684	35,165	69.4	15,519	30.6	6,592

1. Total excludes runway 88 flights.

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

	Total	Jet	Turboprop	Piston	Helicopters	Gliders
	number					
Abbotsford	2,654	449	106	1,210	889	0
Boundary Bay	2,447	9	16	2,258	164	0
Calgary International	20,203	12,994	6,221	269	719	0
Calgary/Springbank	3,830	50	98	2,947	735	0
Chicoutimi/St-Honoré	379	0	61	228	90	0
Edmonton City Centre	3,203	197	1,470	1,046	490	0
Edmonton International	12,307	7,184	4,659	252	212	0
Edmonton/Villeneuve	587	14	14	469	90	0
Fort McMurray	3,770	1,466	1,364	345	595	0
Fredericton International	3,575	18	963	2,514	80	0
Gander International	1,539	353	586	496	104	0
Halifax/Robert L. Stanfield International	6,036	3,142	2,621	60	213	0
Hamilton	1,747	1,080	529	120	18	0
Kelowna	3,602	1,320	1,459	387	436	0
Kitchener/Waterloo	2,385	252	310	1,624	199	0
Langley	1,110	0	0	853	257	0
London	2,387	337	782	1,198	70	0
Moncton/Greater Moncton International	2,895	685	1,067	1,129	14	0
Montréal/Pierre Elliott Trudeau International	18,377	12,224	5,916	124	113	0
Montréal/St-Hubert	2,723	163	841	1,477	242	0
Oshawa	1,852	15	43	1,712	82	0
Ottawa/Macdonald-Cartier International	9,770	5,687	2,475	1,426	182	0
Pitt Meadows	1,305	0	4	960	341	0
Prince George	1,581	235	1,084	97	165	0
Québec/Jean Lesage International	5,946	1,265	3,520	541	620	0
Regina International	3,225	1,665	899	586	75	0
Saskatoon/John G. Diefenbaker International	5,214	1,931	2,088	1,155	40	0
Sault Ste. Marie	1,480	72	1,036	360	12	0
St. John's International	2,851	1,144	1,350	0	357	0
St-Jean	200	0	0	194	6	0
Thunder Bay	4,307	410	3,052	707	138	0
Toronto/Billy Bishop Toronto City	5,937	4	4,913	807	213	0
Toronto/Buttonville Municipal	2,479	60	283	1,881	255	0
Toronto/Lester B. Pearson International	35,705	29,400	6,272	26	7	0
Vancouver Harbour	2,313	0	1,252	516	545	0
Vancouver International	22,817	11,377	9,136	1,706	598	0
Victoria International	5,870	1,035	2,019	2,579	237	0
Whitehorse International	868	356	284	161	67	0
Windsor	1,129	90	610	415	14	0
Winnipeg/James Armstrong Richardson International	9,064	5,190	3,491	234	149	0
Winnipeg/St. Andrews	1,889	0	515	1,288	86	0
Yellowknife	3,068	791	1,982	139	156	0
Total of NAV CANADA towers (42)	224,626	102,664	75,391	36,496	10,075	0

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

	Total	Jet	Turboprop	Piston	Helicopters	Gliders
	number					
Brandon Municipal	367	36	134	171	26	0
Campbell River	829	8	571	81	169	0
Castlegar	370	4	233	92	41	0
Charlottetown	626	153	388	57	28	0
Churchill	690	180	504	0	6	0
Cranbrook	843	18	668	112	45	0
Deer Lake	1,272	115	1,093	28	36	0
Fort Nelson	1,060	54	429	70	507	0
Fort St. John	1,325	211	734	142	238	0
Grande Prairie	1,976	254	919	505	298	0
High Level	387	8	284	41	54	0
Îles-de-la-Madeleine	406	12	349	42	3	0
Inuvik/Mike Zubko	569	114	314	26	115	0
Iqaluit	1,211	301	858	10	42	0
Kamloops	1,614	135	921	313	245	0
Kenora	599	6	411	99	83	0
Kingston	1,103	17	513	500	73	0
Kuujuuaq	736	157	575	0	4	0
La Grande Rivière	527	84	431	12	0	0
La Ronge	1,148	6	958	167	17	0
Lethbridge	1,221	37	547	623	14	0
Lloydminster	568	19	241	267	41	0
Medicine Hat	1,026	44	614	349	19	0
Mont-Joli	615	36	560	15	4	0
Montréal/Mirabel International	988	524	254	46	164	0
Nanaimo	1,026	32	371	594	29	0
Norman Wells	568	209	169	132	58	0
North Bay	1,109	45	639	119	306	0
Ottawa/Gatineau	557	0	91	358	108	0
Peace River	548	12	356	136	44	0
Penticton	540	20	272	63	185	0
Port Hardy	450	4	264	102	80	0
Prince Albert	1,607	62	1,415	73	57	0
Prince Rupert	197	4	150	2	41	0
Rankin Inlet	780	195	585	0	0	0
Red Deer Regional	1,333	50	309	915	59	0
Rouyn-Noranda	973	127	832	14	0	0
Saint John	994	201	647	125	21	0
Sept-Îles	1,894	66	1,583	90	155	0
Sioux Lookout	2,462	2	2,129	295	36	0
Smithers	455	12	372	16	55	0
St. Catharines	686	10	14	520	142	0
Sudbury	2,009	34	1,555	256	164	0
Terrace	954	42	634	4	274	0
Thompson	2,519	89	2,013	151	266	0
Timmins	2,033	3	1,892	77	61	0
Val-d'Or	883	118	673	68	24	0
Victoria Harbour	1,534	0	905	39	590	0
Wabush	1,480	52	1,375	33	20	0
Whitecourt	506	18	44	68	376	0
Williams Lake	511	4	415	60	32	0
Total of all flight service stations (51)	50,684	3,944	33,207	8,078	5,455	0

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	1,803	247	127	16	15	12	417	17	0	0
Boundary Bay	2,260	149	28	10	0	0	0	0	0	0
Calgary International	577	446	1,616	2,296	874	4,552	8,263	720	240	619
Calgary/Springbank	3,489	172	133	36	0	0	0	0	0	0
Chicoutimi/St-Honoré	271	49	59	0	0	0	0	0	0	0
Edmonton City Centre	1,402	153	1,268	303	61	16	0	0	0	0
Edmonton International	196	278	985	1,208	659	2,948	5,352	346	143	192
Edmonton/Villeneuve	497	61	17	10	2	0	0	0	0	0
Fort McMurray	806	308	500	457	70	990	535	104	0	0
Fredericton International	2,560	106	233	243	125	304	4	0	0	0
Gander International	475	11	9	509	215	225	14	63	4	14
Halifax/Robert L. Stanfield International	41	185	268	1,003	863	1,446	1,777	179	189	85
Hamilton	110	229	141	290	126	37	250	1	427	136
Kelowna	738	136	340	458	57	875	998	0	0	0
Kitchener/Waterloo	1,802	52	293	30	22	122	64	0	0	0
Langley	1,046	15	38	8	3	0	0	0	0	0
London	1,219	45	157	93	318	400	155	0	0	0
Moncton/Greater Moncton International	1,131	97	121	337	45	705	111	0	348	0
Montréal/Pierre Elliott Trudeau International	132	79	427	510	2,572	6,646	5,252	1,443	0	1,316
Montréal/St-Hubert	1,426	225	581	360	113	12	2	4	0	0
Oshawa	1,724	64	34	21	7	0	0	2	0	0
Ottawa/Macdonald-Cartier International	1,460	84	657	237	637	3,120	3,085	208	46	236
Pitt Meadows	1,267	31	6	0	1	0	0	0	0	0
Prince George	213	49	172	551	14	398	184	0	0	0
Québec/Jean Lesage International	1,033	150	664	568	1,056	1,821	622	0	0	32
Regina International	454	223	304	302	148	837	802	6	70	79
Saskatoon/John G. Diefenbaker International	929	310	705	743	235	1,207	953	4	46	82
Sault Ste. Marie	359	50	530	68	181	260	32	0	0	0
St. John's International	9	14	196	582	720	339	688	194	85	24
St-Jean	200	0	0	0	0	0	0	0	0	0
Thunder Bay	706	150	2,081	221	112	801	227	9	0	0
Toronto/Billy Bishop Toronto City	850	44	189	177	4	4,673	0	0	0	0
Toronto/Buttonville Municipal	2,018	138	245	49	13	16	0	0	0	0
Toronto/Lester B. Pearson International	12	130	330	1,634	3,080	8,224	15,099	4,230	167	2,799
Vancouver Harbour	31	1,624	651	0	7	0	0	0	0	0
Vancouver International	437	2,489	747	2,697	1,902	4,888	6,251	1,094	296	2,016
Victoria International	2,242	662	93	425	856	991	546	19	36	0
Whitehorse International	199	43	109	93	4	250	164	0	0	6
Windsor	365	215	65	87	79	294	22	2	0	0
Winnipeg/James Armstrong Richardson International	214	258	2,507	281	875	1,617	2,394	128	641	149
Winnipeg/St. Andrews	1,301	537	51	0	0	0	0	0	0	0
Yellowknife	145	400	583	320	180	845	492	96	0	7
Total of NAV CANADA towers (42)	38,149	10,708	18,260	17,233	16,251	49,871	54,755	8,869	2,738	7,792

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	173	14	132	32	8	0	0	8	0	0
Campbell River	234	19	18	469	83	6	0	0	0	0
Castlegar	118	53	15	35	88	61	0	0	0	0
Charlottetown	39	130	16	179	54	66	142	0	0	0
Churchill	2	0	122	16	173	365	6	6	0	0
Cranbrook	102	47	56	396	122	118	0	2	0	0
Deer Lake	42	10	8	478	626	13	95	0	0	0
Fort Nelson	405	73	183	192	137	44	26	0	0	0
Fort St. John	349	31	191	280	152	302	20	0	0	0
Grande Prairie	537	286	334	106	10	503	200	0	0	0
High Level	70	38	121	154	2	2	0	0	0	0
Îles-de-la-Madeleine	2	43	91	105	148	17	0	0	0	0
Inuvik/Mike Zubko	55	22	272	66	2	52	94	6	0	0
Iqaluit	0	6	304	170	177	294	180	22	8	50
Kamloops	416	93	113	269	151	502	70	0	0	0
Kenora	103	4	484	3	0	0	0	5	0	0
Kingston	524	19	89	198	255	10	0	8	0	0
Kuujuuaq	2	0	442	4	13	137	118	0	0	20
La Grande Rivière	4	15	92	33	19	288	76	0	0	0
La Ronge	65	115	494	136	219	119	0	0	0	0
Lethbridge	580	53	125	448	12	2	0	1	0	0
Lloydminster	292	16	119	135	6	0	0	0	0	0
Medicine Hat	357	14	273	349	8	9	16	0	0	0
Mont-Joli	19	0	130	212	118	116	20	0	0	0
Montréal/Mirabel International	193	77	13	56	4	144	37	10	268	186
Nanaimo	341	281	15	29	47	313	0	0	0	0
Norman Wells	105	123	83	30	2	36	189	0	0	0
North Bay	402	57	388	52	165	19	21	5	0	0
Ottawa/Gatineau	418	42	23	72	0	0	0	2	0	0
Peace River	109	69	261	87	18	2	2	0	0	0
Penticton	224	87	21	36	10	162	0	0	0	0
Port Hardy	16	167	18	139	100	10	0	0	0	0
Prince Albert	61	67	253	403	285	538	0	0	0	0
Prince Rupert	4	0	54	23	40	76	0	0	0	0
Rankin Inlet	0	0	118	2	80	460	120	0	0	0
Red Deer Regional	815	159	165	141	4	49	0	0	0	0
Rouyn-Noranda	14	0	298	12	363	179	103	4	0	0
Saint John	85	142	93	219	147	306	0	2	0	0
Sept-Îles	171	68	503	254	439	437	22	0	0	0
Sioux Lookout	95	260	1,343	700	43	1	0	20	0	0
Smithers	66	14	55	172	42	106	0	0	0	0
St. Catharines	587	73	13	5	4	4	0	0	0	0
Sudbury	284	100	938	187	86	394	18	2	0	0
Terrace	216	60	119	156	143	260	0	0	0	0
Thompson	266	214	1,356	24	115	544	0	0	0	0
Timmins	73	120	1,041	70	366	363	0	0	0	0
Val-d'Or	80	12	241	18	328	106	90	0	8	0
Victoria Harbour	2	855	667	2	8	0	0	0	0	0
Wabush	16	37	238	469	425	280	15	0	0	0
Whitecourt	439	4	24	26	1	12	0	0	0	0
Williams Lake	92	2	14	403	0	0	0	0	0	0
Total of all flight service stations (51)	9,664	4,191	12,579	8,252	5,848	7,827	1,680	103	284	256

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							
Abbotsford							
Domestic	2,611	434	1,481	16	584	75	21
Transborder	35	2	2	0	31	0	0
Other international	8	8	0	0	0	0	0
Total	2,654	444	1,483	16	615	75	21
Boundary Bay							
Domestic	2,423	2	428	1,291	681	19	2
Transborder	24	2	2	4	16	0	0
Other international	0	0	0	0	0	0	0
Total	2,447	4	430	1,295	697	19	2
Calgary International							
Domestic	16,219	14,128	609	438	856	154	34
Transborder	3,239	2,930	74	6	226	0	3
Other international	745	735	3	2	5	0	0
Total	20,203	17,793	686	446	1,087	154	37
Calgary/Springbank							
Domestic	3,764	15	748	2,171	830	0	0
Transborder	66	0	5	4	57	0	0
Other international	0	0	0	0	0	0	0
Total	3,830	15	753	2,175	887	0	0
Chicoutimi/St-Honoré							
Domestic	379	209	11	143	16	0	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	379	209	11	143	16	0	0
Edmonton City Centre							
Domestic	3,182	1,090	365	739	434	552	2
Transborder	21	0	6	2	13	0	0
Other international	0	0	0	0	0	0	0
Total	3,203	1,090	371	741	447	552	2
Edmonton International							
Domestic	10,569	9,447	326	108	654	2	32
Transborder	1,439	1,346	7	21	61	0	4
Other international	299	288	0	2	9	0	0
Total	12,307	11,081	333	131	724	2	36
Edmonton/Villeneuve							
Domestic	585	4	59	345	175	2	0
Transborder	2	0	0	0	2	0	0
Other international	0	0	0	0	0	0	0
Total	587	4	59	345	177	2	0
Fort McMurray							
Domestic	3,755	2,100	935	53	609	58	0
Transborder	5	0	0	0	5	0	0
Other international	10	10	0	0	0	0	0
Total	3,770	2,110	935	53	614	58	0
Fredericton International							
Domestic	3,567	740	2,730	0	62	24	11
Transborder	7	0	0	0	4	2	1
Other international	1	0	1	0	0	0	0
Total	3,575	740	2,731	0	66	26	12
Gander International							
Domestic	1,260	1,097	39	4	11	35	74
Transborder	124	17	1	11	48	0	47
Other international	155	37	2	11	56	0	49
Total	1,539	1,151	42	26	115	35	170

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							
Halifax/Robert L. Stanfield International							
Domestic	5,184	4,704	291	2	98	33	56
Transborder	702	603	6	3	69	3	18
Other international	150	120	7	5	6	0	12
Total	6,036	5,427	304	10	173	36	86
Hamilton							
Domestic	1,118	890	57	75	59	33	4
Transborder	547	451	22	0	74	0	0
Other international	82	71	6	2	3	0	0
Total	1,747	1,412	85	77	136	33	4
Kelowna							
Domestic	3,130	2,230	540	136	153	71	0
Transborder	412	334	4	0	74	0	0
Other international	60	60	0	0	0	0	0
Total	3,602	2,624	544	136	227	71	0
Kitchener/Waterloo							
Domestic	2,140	277	1,434	24	400	2	3
Transborder	234	110	31	0	91	0	2
Other international	11	9	0	0	2	0	0
Total	2,385	396	1,465	24	493	2	5
Langley							
Domestic	1,106	2	52	564	446	6	36
Transborder	4	0	0	1	3	0	0
Other international	0	0	0	0	0	0	0
Total	1,110	2	52	565	449	6	36
London							
Domestic	2,163	798	134	874	302	53	2
Transborder	170	126	6	1	37	0	0
Other international	54	53	0	1	0	0	0
Total	2,387	977	140	876	339	53	2
Moncton/Greater Moncton International							
Domestic	2,809	1,529	1,101	4	74	95	6
Transborder	71	61	0	0	9	1	0
Other international	15	13	1	0	1	0	0
Total	2,895	1,603	1,102	4	84	96	6
Montréal/Pierre Elliott Trudeau International							
Domestic	9,859	8,756	522	15	423	135	8
Transborder	6,054	5,568	137	9	334	0	6
Other international	2,464	2,394	32	5	32	0	1
Total	18,377	16,718	691	29	789	135	15
Montréal/St-Hubert							
Domestic	2,602	1,273	331	279	560	61	98
Transborder	120	10	7	0	101	1	1
Other international	1	0	0	0	1	0	0
Total	2,723	1,283	338	279	662	62	99
Oshawa							
Domestic	1,832	7	59	1,101	588	71	6
Transborder	19	0	5	0	14	0	0
Other international	1	0	1	0	0	0	0
Total	1,852	7	65	1,101	602	71	6
Ottawa/Macdonald-Cartier International							
Domestic	7,243	5,235	173	1,362	128	206	139
Transborder	2,039	1,935	14	8	70	10	2
Other international	488	477	0	3	4	0	4
Total	9,770	7,647	187	1,373	202	216	145

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							
Pitt Meadows							
Domestic	1,301	6	516	191	575	13	0
Transborder	4	0	0	0	4	0	0
Other international	0	0	0	0	0	0	0
Total	1,305	6	516	191	579	13	0
Prince George							
Domestic	1,564	1,101	298	12	105	48	0
Transborder	6	1	0	0	5	0	0
Other international	11	9	0	0	2	0	0
Total	1,581	1,111	298	12	112	48	0
Québec/Jean Lesage International							
Domestic	5,105	3,226	1,077	264	275	230	33
Transborder	523	476	5	1	36	0	5
Other international	318	317	0	0	0	1	0
Total	5,946	4,019	1,082	265	311	231	38
Regina International							
Domestic	2,710	1,921	467	36	131	117	38
Transborder	371	325	4	2	39	0	1
Other international	144	144	0	0	0	0	0
Total	3,225	2,390	471	38	170	117	39
Saskatoon/John G. Diefenbaker International							
Domestic	4,766	3,184	805	181	237	292	67
Transborder	320	293	6	0	16	4	1
Other international	128	128	0	0	0	0	0
Total	5,214	3,605	811	181	253	296	68
Sault Ste. Marie							
Domestic	1,464	1,052	30	327	35	14	6
Transborder	9	3	1	0	5	0	0
Other international	7	5	1	0	0	1	0
Total	1,480	1,060	32	327	40	15	6
St. John's International							
Domestic	2,606	2,052	341	0	34	159	20
Transborder	126	64	0	1	14	0	47
Other international	119	63	0	3	10	0	43
Total	2,851	2,179	341	4	58	159	110
St-Jean							
Domestic	199	0	13	61	80	0	45
Transborder	0	0	0	0	0	0	0
Other international	1	0	1	0	0	0	0
Total	200	0	14	61	80	0	45
Thunder Bay							
Domestic	4,268	3,287	128	615	103	100	35
Transborder	12	5	0	0	6	0	1
Other international	27	26	1	0	0	0	0
Total	4,307	3,318	129	615	109	100	36
Toronto/Billy Bishop Toronto City							
Domestic	4,583	3,502	261	671	139	4	6
Transborder	1,354	1,313	4	0	37	0	0
Other international	0	0	0	0	0	0	0
Total	5,937	4,815	265	671	176	4	6
Toronto/Buttonville Municipal							
Domestic	2,368	181	1,260	31	766	130	0
Transborder	109	15	20	1	73	0	0
Other international	2	2	0	0	0	0	0
Total	2,479	198	1,280	32	839	130	0

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							
Toronto/Lester B. Pearson International							
Domestic	13,993	13,450	244	17	260	7	15
Transborder	16,114	15,281	232	7	591	3	0
Other international	5,598	5,478	71	6	43	0	0
Total	35,705	34,209	547	30	894	10	15
Vancouver Harbour							
Domestic	2,313	2,129	170	0	7	0	7
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	2,313	2,129	170	0	7	0	7
Vancouver International							
Domestic	16,907	15,062	1,306	38	292	195	14
Transborder	4,298	3,985	51	19	243	0	0
Other international	1,612	1,605	2	0	4	1	0
Total	22,817	20,652	1,359	57	539	196	14
Victoria International							
Domestic	5,289	2,391	1,976	133	644	7	138
Transborder	536	422	19	0	95	0	0
Other international	45	45	0	0	0	0	0
Total	5,870	2,858	1,995	133	739	7	138
Whitehorse International							
Domestic	851	611	137	1	64	27	11
Transborder	14	4	2	0	8	0	0
Other international	3	2	0	0	0	0	1
Total	868	617	139	1	72	27	12
Windsor							
Domestic	1,034	430	426	13	161	2	2
Transborder	68	6	18	0	44	0	0
Other international	27	19	4	0	4	0	0
Total	1,129	455	448	13	209	2	2
Winnipeg/James Armstrong Richardson International							
Domestic	7,795	6,833	199	21	128	385	229
Transborder	982	886	10	12	60	4	10
Other international	287	282	0	1	3	0	1
Total	9,064	8,001	209	34	191	389	240
Winnipeg/St. Andrews							
Domestic	1,883	422	1,021	292	148	0	0
Transborder	6	0	2	0	4	0	0
Other international	0	0	0	0	0	0	0
Total	1,889	422	1,023	292	152	0	0
Yellowknife							
Domestic	3,064	2,431	165	251	11	69	137
Transborder	3	0	0	1	2	0	0
Other international	1	1	0	0	0	0	0
Total	3,068	2,432	165	252	13	69	137
Total of NAV CANADA towers (42)							
Domestic	171,563	118,238	23,265	12,899	12,338	3,486	1,337
Transborder	40,189	36,574	703	114	2,621	28	149
Other international	12,874	12,401	133	41	185	3	111
Total	224,626	167,213	24,101	13,054	15,144	3,517	1,597

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							
Brandon Municipal							
Domestic	356	103	112	2	79	42	18
Transborder	11	3	0	0	8	0	0
Other international	0	0	0	0	0	0	0
Total	367	106	112	2	87	42	18
Campbell River							
Domestic	825	553	81	70	115	4	2
Transborder	3	0	0	0	3	0	0
Other international	1	0	0	0	1	0	0
Total	829	553	81	70	119	4	2
Castlegar							
Domestic	365	183	82	71	29	0	0
Transborder	5	0	0	0	5	0	0
Other international	0	0	0	0	0	0	0
Total	370	183	82	71	34	0	0
Charlottetown							
Domestic	622	532	10	0	50	30	0
Transborder	4	0	0	0	4	0	0
Other international	0	0	0	0	0	0	0
Total	626	532	10	0	54	30	0
Churchill							
Domestic	690	650	4	0	12	14	10
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	690	650	4	0	12	14	10
Cranbrook							
Domestic	828	686	50	0	78	6	8
Transborder	15	4	1	0	10	0	0
Other international	0	0	0	0	0	0	0
Total	843	690	51	0	88	6	8
Deer Lake							
Domestic	1,272	1,160	24	0	20	56	12
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	1,272	1,160	24	0	20	56	12
Fort Nelson							
Domestic	1,060	458	554	1	35	2	10
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	1,060	458	554	1	35	2	10
Fort St. John							
Domestic	1,324	842	332	4	141	5	0
Transborder	1	1	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	1,325	843	332	4	141	5	0
Grande Prairie							
Domestic	1,971	1,109	549	9	276	26	2
Transborder	2	1	0	0	1	0	0
Other international	3	2	0	0	1	0	0
Total	1,976	1,112	549	9	278	26	2
High Level							
Domestic	387	296	68	0	9	14	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	387	296	68	0	9	14	0

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						
Îles-de-la-Madeleine							
Domestic	406	316	44	2	0	44	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	406	316	44	2	0	44	0
Inuvik/Mike Zubko							
Domestic	567	423	50	68	2	18	6
Transborder	2	1	1	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	569	424	51	68	2	18	6
Iqaluit							
Domestic	1,172	1,013	48	42	11	30	28
Transborder	13	5	0	1	6	0	1
Other international	26	7	0	2	13	0	4
Total	1,211	1,025	48	45	30	30	33
Kamloops							
Domestic	1,585	968	366	27	188	34	2
Transborder	29	9	0	0	20	0	0
Other international	0	0	0	0	0	0	0
Total	1,614	977	366	27	208	34	2
Kenora							
Domestic	598	385	80	84	16	18	15
Transborder	1	1	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	599	386	80	84	16	18	15
Kingston							
Domestic	1,087	469	216	151	215	6	30
Transborder	16	4	2	0	10	0	0
Other international	0	0	0	0	0	0	0
Total	1,103	473	218	151	225	6	30
Kuujuuaq							
Domestic	736	683	30	0	2	19	2
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	736	683	30	0	2	19	2
La Grande Rivière							
Domestic	527	366	97	38	16	10	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	527	366	97	38	16	10	0
La Ronge							
Domestic	1,147	1,078	6	0	11	48	4
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
Total	1,148	1,078	6	0	12	48	4
Lethbridge							
Domestic	1,176	503	15	393	239	24	2
Transborder	45	3	4	2	36	0	0
Other international	0	0	0	0	0	0	0
Total	1,221	506	19	395	275	24	2
Lloydminster							
Domestic	568	174	242	8	118	26	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	568	174	242	8	118	26	0

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							
Medicine Hat							
Domestic	1,018	612	65	160	161	8	12
Transborder	8	3	0	0	5	0	0
Other international	0	0	0	0	0	0	0
Total	1,026	615	65	160	166	8	12
Mont-Joli							
Domestic	614	480	72	2	32	28	0
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
Total	615	480	72	2	33	28	0
Montréal/Mirabel International							
Domestic	765	495	70	3	149	4	44
Transborder	217	207	0	1	9	0	0
Other international	6	5	0	1	0	0	0
Total	988	707	70	5	158	4	44
Nanaimo							
Domestic	1,001	373	375	11	228	14	0
Transborder	25	2	7	0	16	0	0
Other international	0	0	0	0	0	0	0
Total	1,026	375	382	11	244	14	0
Norman Wells							
Domestic	568	500	64	2	0	2	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	568	500	64	2	0	2	0
North Bay							
Domestic	1,099	650	161	167	104	9	8
Transborder	5	1	0	0	4	0	0
Other international	5	5	0	0	0	0	0
Total	1,109	656	161	167	108	9	8
Ottawa/Gatineau							
Domestic	555	79	135	38	275	20	8
Transborder	2	0	0	0	2	0	0
Other international	0	0	0	0	0	0	0
Total	557	79	135	38	277	20	8
Peace River							
Domestic	548	435	57	2	42	10	2
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	548	435	57	2	42	10	2
Penticton							
Domestic	530	208	221	22	41	8	30
Transborder	8	3	0	0	5	0	0
Other international	2	2	0	0	0	0	0
Total	540	213	221	22	46	8	30
Port Hardy							
Domestic	450	342	12	0	26	62	8
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	450	342	12	0	26	62	8
Prince Albert							
Domestic	1,606	1,363	23	4	56	110	50
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
Total	1,607	1,363	23	4	57	110	50

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							
Prince Rupert							
Domestic	196	183	0	0	1	12	0
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
Total	197	183	0	0	2	12	0
Rankin Inlet							
Domestic	780	772	0	0	0	8	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	780	772	0	0	0	8	0
Red Deer Regional							
Domestic	1,319	218	421	84	571	25	0
Transborder	14	1	2	0	11	0	0
Other international	0	0	0	0	0	0	0
Total	1,333	219	423	84	582	25	0
Rouyn-Noranda							
Domestic	963	654	196	0	83	26	4
Transborder	0	0	0	0	0	0	0
Other international	10	10	0	0	0	0	0
Total	973	664	196	0	83	26	4
Saint John							
Domestic	934	682	50	28	162	8	4
Transborder	57	1	0	0	56	0	0
Other international	3	0	0	0	3	0	0
Total	994	683	50	28	221	8	4
Sept-Îles							
Domestic	1,891	1,319	423	49	26	72	2
Transborder	2	1	0	0	1	0	0
Other international	1	1	0	0	0	0	0
Total	1,894	1,321	423	49	27	72	2
Sioux Lookout							
Domestic	2,461	1,995	152	247	7	30	30
Transborder	0	0	0	0	0	0	0
Other international	1	0	0	1	0	0	0
Total	2,462	1,995	152	248	7	30	30
Smithers							
Domestic	454	324	82	22	18	8	0
Transborder	0	0	0	0	0	0	0
Other international	1	1	0	0	0	0	0
Total	455	325	82	22	18	8	0
St. Catharines							
Domestic	661	3	451	8	189	10	0
Transborder	25	3	3	0	19	0	0
Other international	0	0	0	0	0	0	0
Total	686	6	454	8	208	10	0
Sudbury							
Domestic	1,997	1,524	176	125	130	37	5
Transborder	12	3	0	0	9	0	0
Other international	0	0	0	0	0	0	0
Total	2,009	1,527	176	125	139	37	5
Terrace							
Domestic	954	539	347	0	40	28	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	954	539	347	0	40	28	0

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							
Thompson							
Domestic	2,519	1,919	460	4	4	128	4
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	2,519	1,919	460	4	4	128	4
Timmins							
Domestic	2,031	1,815	107	2	56	49	2
Transborder	2	0	0	0	2	0	0
Other international	0	0	0	0	0	0	0
Total	2,033	1,815	107	2	58	49	2
Val-d'Or							
Domestic	883	758	38	6	65	16	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	883	758	38	6	65	16	0
Victoria Harbour							
Domestic	1,413	1,329	0	0	2	74	8
Transborder	121	121	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	1,534	1,450	0	0	2	74	8
Wabush							
Domestic	1,480	1,278	132	16	26	28	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	1,480	1,278	132	16	26	28	0
Whitecourt							
Domestic	506	40	322	84	42	6	12
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	506	40	322	84	42	6	12
Williams Lake							
Domestic	510	404	49	0	51	6	0
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
Total	511	404	49	0	52	6	0
Total of all flight service stations (51)							
Domestic	49,975	34,243	7,721	2,056	4,249	1,322	384
Transborder	650	378	20	4	247	0	1
Other international	59	33	0	4	18	0	4
Total	50,684	34,654	7,741	2,064	4,514	1,322	389

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	10	8,652	24	11	115	10	572
Boundary Bay	15	7,065	15	15	106	12	579
Calgary International	3	20,305	31	18	61	31	799
Calgary/Springbank	8	10,196	16	11	124	25	668
Chicoutimi/St-Honoré	40	1,289	15	14	53	29	231
Edmonton City Centre	27	3,741	3	13	37	25	238
Edmonton International	5	12,577	24	15	46	24	531
Edmonton/Villeneuve	30	3,185	8	15	63	5	304
Fort McMurray	25	3,956	16	14	25	23	222
Fredericton International	11	7,827	15	13	67	18	553
Gander International	36	2,265	28	10	34	28	169
Halifax/Robert L. Stanfield International	17	6,238	14	18	20	21	237
Hamilton	37	2,169	15	14	29	10	132
Kelowna	19	5,556	29	11	60	24	302
Kitchener/Waterloo	20	5,493	16	11	91	15	603
Langley	33	2,502	11	13	48	11	230
London	23	4,931	17	15	61	15	427
Moncton/Greater Moncton International	24	4,523	12	12	39	29	298
Montréal/Pierre Elliott Trudeau International	4	18,529	8	18	57	15	683
Montréal/St-Hubert	21	5,223	15	15	122	16	704
Oshawa	31	3,064	12	16	72	10	348
Ottawa/Macdonald-Cartier International	6	11,358	15	11	99	10	609
Pitt Meadows	28	3,533	12	15	77	11	505
Prince George	38	1,977	8	14	31	9	105
Québec/Jean Lesage International	13	7,272	16	14	63	15	511
Regina International	26	3,933	23	14	32	23	252
Saskatoon/John G. Diefenbaker International	14	7,100	26	11	66	3	357
Sault Ste. Marie	34	2,392	5	15	46	10	260
St. John's International	32	2,967	4	12	23	4	162
St-Jean	42	620	12	12	17	12	88
Thunder Bay	16	6,605	27	19	80	27	604
Toronto/Billy Bishop Toronto City	12	7,423	12	13	73	27	428
Toronto/Buttonville Municipal	18	5,779	5	14	83	27	575
Toronto/Lester B. Pearson International	1	35,807	15	18	100	18	1,283
Vancouver Harbour	35	2,317	17	8	24	24	138
Vancouver International	2	22,919	26	8	71	2	868
Victoria International	7	10,654	12	14	89	28	543
Whitehorse International	41	1,184	8	13	25	16	68
Windsor	39	1,595	8	10	27	10	104
Winnipeg/James Armstrong Richardson International	9	10,034	17	11	46	23	459
Winnipeg/St. Andrews	22	4,963	9	15	88	9	380
Yellowknife	29	3,452	24	16	31	29	169

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	42	599	9	14	24	9	76
Campbell River	15	1,569	24	12	37	11	121
Castlegar	48	464	9	11	23	19	37
Charlottetown	38	688	9	19	18	9	70
Churchill	37	698	4	19	7	15	37
Cranbrook	33	881	12	16	13	12	41
Deer Lake	17	1,498	12	13	28	12	93
Fort Nelson	27	1,096	3	11	19	3	84
Fort St. John	21	1,437	14	15	31	16	89
Grande Prairie	1	3,084	9	12	56	9	227
High Level	49	413	12	18	11	24	24
Îles-de-la-Madeleine	50	406	4	8	4	11	20
Inuvik/Mike Zubko	40	627	29	16	25	29	66
Iqaluit	25	1,251	15	14	12	31	65
Kamloops	8	2,354	18	15	57	18	217
Kenora	34	805	24	11	32	24	71
Kingston	13	1,793	10	17	42	26	143
Kuujuuaq	36	752	9	12	7	28	42
La Grande Rivière	45	527	18	13	8	7	28
La Ronge	24	1,260	11	10	16	16	74
Lethbridge	7	2,373	26	12	42	26	153
Lloydminster	29	1,008	11	16	31	11	98
Medicine Hat	23	1,262	22	19	20	24	81
Mont-Joli	41	615	8	7	7	29	40
Montréal/Mirabel International	10	2,088	2	14	33	8	142
Nanaimo	18	1,486	10	12	34	2	145
Norman Wells	39	636	31	15	16	31	41
North Bay	3	2,603	15	15	62	10	237
Ottawa/Gatineau	9	2,135	14	14	55	26	220
Peace River	43	588	5	15	10	11	49
Penticton	32	970	9	14	25	31	82
Port Hardy	47	468	17	12	9	17	31
Prince Albert	14	1,617	22	15	14	23	90
Prince Rupert	51	197	6	10	5	6	12
Rankin Inlet	35	802	6	20	10	25	52
Red Deer Regional	5	2,537	9	13	79	5	230
Rouyn-Noranda	31	979	15	16	9	22	55
Saint John	22	1,306	28	18	24	11	73
Sept-Îles	12	2,042	10	15	26	21	114
Sioux Lookout	4	2,550	23	10	20	23	126
Smithers	46	519	9	14	21	9	49
St. Catharines	26	1,182	27	12	37	27	144
Sudbury	6	2,429	15	12	40	10	185
Terrace	30	994	9	15	18	10	69
Thompson	2	2,633	28	14	25	31	132
Timmins	11	2,081	24	12	29	24	121
Val-d'Or	28	1,013	15	15	28	15	97
Victoria Harbour	16	1,538	15	8	15	25	85
Wabush	19	1,480	29	11	14	29	80
Whitecourt	20	1,452	12	11	43	9	119
Williams Lake	44	585	20	13	11	21	41

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

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Abbotsford	24	2,654	17	10	29	17	190
Boundary Bay	26	2,447	12	16	44	12	265
Calgary International	3	20,203	31	18	61	31	799
Calgary/Springbank	14	3,830	24	14	32	25	246
Chicoutimi/St-Honoré	41	379	29	12	11	29	63
Edmonton City Centre	19	3,203	25	12	19	25	204
Edmonton International	5	12,307	16	8	43	24	511
Edmonton/Villeneuve	40	587	20	14	11	5	54
Fort McMurray	15	3,770	22	11	21	23	222
Fredericton International	17	3,575	11	14	21	15	234
Gander International	34	1,539	30	12	13	29	82
Halifax/Robert L. Stanfield International	8	6,036	2	17	19	21	229
Hamilton	32	1,747	8	1	10	24	89
Kelowna	16	3,602	12	14	18	11	157
Kitchener/Waterloo	28	2,385	10	14	36	10	244
Langley	38	1,110	17	14	25	11	114
London	27	2,387	10	16	24	15	189
Moncton/Greater Moncton International	21	2,895	18	14	24	18	152
Montréal/Pierre Elliott Trudeau International	4	18,377	8	18	55	15	683
Montréal/St-Hubert	23	2,723	16	11	39	16	266
Oshawa	31	1,852	5	15	41	10	230
Ottawa/Macdonald-Cartier International	6	9,770	7	11	42	10	459
Pitt Meadows	36	1,305	11	11	34	11	203
Prince George	33	1,581	4	9	13	9	95
Québec/Jean Lesage International	9	5,946	15	14	32	15	319
Regina International	18	3,225	7	16	19	23	150
Saskatoon/John G. Diefenbaker International	12	5,214	24	15	27	3	227
Sault Ste. Marie	35	1,480	8	17	13	10	104
St. John's International	22	2,851	3	12	13	29	132
St-Jean	42	200	10	15	7	12	24
Thunder Bay	13	4,307	26	11	26	14	238
Toronto/Billy Bishop Toronto City	10	5,937	27	13	27	10	303
Toronto/Buttonville Municipal	25	2,479	10	14	36	10	283
Toronto/Lester B. Pearson International	1	35,705	15	18	100	18	1,283
Vancouver Harbour	29	2,313	17	8	24	24	138
Vancouver International	2	22,817	18	16	68	2	868
Victoria International	11	5,870	12	15	38	11	304
Whitehorse International	39	868	16	11	9	3	42
Windsor	37	1,129	1	11	11	15	67
Winnipeg/James Armstrong Richardson International	7	9,064	23	16	32	23	385
Winnipeg/St. Andrews	30	1,889	9	15	22	9	128
Yellowknife	20	3,068	18	10	17	29	131

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	50	367	2	14	5	4	29
Campbell River	28	829	10	8	9	11	51
Castlegar	49	370	15	15	7	31	26
Charlottetown	33	626	9	19	8	9	46
Churchill	31	690	4	19	7	15	35
Cranbrook	27	843	20	14	10	17	39
Deer Lake	13	1,272	9	18	10	29	57
Fort Nelson	19	1,060	3	12	15	3	66
Fort St. John	12	1,325	9	10	15	30	65
Grande Prairie	5	1,976	6	13	12	8	92
High Level	48	387	24	16	7	24	24
Îles-de-la-Madeleine	47	406	4	8	4	11	20
Inuvik/Mike Zubko	36	569	29	15	10	16	32
Iqaluit	15	1,211	24	14	9	7	55
Kamloops	7	1,614	18	15	15	3	78
Kenora	35	599	10	14	7	23	37
Kingston	18	1,103	1	11	17	5	74
Kuujuuaq	30	736	9	12	7	28	38
La Grande Rivière	42	527	18	13	8	7	28
La Ronge	16	1,148	9	8	10	30	68
Lethbridge	14	1,221	26	12	16	5	76
Lloydminster	37	568	4	9	7	4	33
Medicine Hat	21	1,026	21	16	17	24	61
Mont-Joli	34	615	8	7	7	29	40
Montréal/Mirabel International	23	988	10	9	7	10	66
Nanaimo	20	1,026	11	12	15	11	78
Norman Wells	38	568	31	15	12	31	33
North Bay	17	1,109	10	13	12	10	81
Ottawa/Gatineau	39	557	5	11	10	5	53
Peace River	40	548	26	13	7	11	39
Penticton	41	540	31	15	13	31	44
Port Hardy	46	450	4	15	5	16	27
Prince Albert	8	1,607	22	15	14	23	90
Prince Rupert	51	197	6	10	5	6	12
Rankin Inlet	29	780	11	18	9	25	52
Red Deer Regional	11	1,333	5	12	21	5	96
Rouyn-Noranda	24	973	15	16	9	22	55
Saint John	22	994	8	19	7	3	46
Sept-Îles	6	1,894	15	8	16	15	105
Sioux Lookout	2	2,462	23	10	20	23	126
Smithers	45	455	13	12	9	13	28
St. Catharines	32	686	27	14	19	27	78
Sudbury	4	2,009	10	13	14	10	135
Terrace	25	954	9	15	18	10	69
Thompson	1	2,519	30	15	16	31	132
Timmins	3	2,033	3	16	12	10	107
Val-d'Or	26	883	21	9	8	15	51
Victoria Harbour	9	1,534	15	8	15	25	85
Wabush	10	1,480	29	11	14	29	80
Whitecourt	44	506	24	13	10	24	48
Williams Lake	43	511	23	9	7	21	27

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

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Abbotsford	2	5,998	24	11	96	10	432
Boundary Bay	4	4,618	9	12	80	10	354
Calgary International	41	102	9	19	6	27	18
Calgary/Springbank	1	6,366	16	11	98	25	422
Chicoutimi/St-Honoré	24	910	15	14	48	29	168
Edmonton City Centre	27	538	3	13	22	27	54
Edmonton International	34	270	3	11	10	25	32
Edmonton/Villeneuve	9	2,598	8	15	56	26	254
Fort McMurray	36	186	5	10	16	5	44
Fredericton International	5	4,252	15	13	48	18	334
Gander International	25	726	14	12	24	28	98
Halifax/Robert L. Stanfield International	35	202	11	9	10	12	32
Hamilton	29	422	15	14	26	10	46
Kelowna	14	1,954	29	11	42	18	148
Kitchener/Waterloo	7	3,108	16	11	70	15	378
Langley	19	1,392	28	11	40	3	132
London	10	2,544	26	15	48	17	282
Moncton/Greater Moncton International	16	1,628	12	12	26	29	152
Montréal/Pierre Elliott Trudeau International	37	152	26	13	24	26	52
Montréal/St-Hubert	11	2,500	15	15	94	16	438
Oshawa	21	1,212	12	16	40	10	118
Ottawa/Macdonald-Cartier International	17	1,588	15	11	64	15	172
Pitt Meadows	13	2,228	24	14	58	11	302
Prince George	31	396	8	14	28	8	56
Québec/Jean Lesage International	20	1,326	16	14	46	15	192
Regina International	26	708	23	14	24	23	102
Saskatoon/John G. Diefenbaker International	15	1,886	26	11	54	26	162
Sault Ste. Marie	23	912	5	15	40	10	156
St. John's International	38	116	4	12	14	4	52
St-Jean	30	420	12	12	16	12	64
Thunder Bay	12	2,298	27	19	76	27	416
Toronto/Billy Bishop Toronto City	18	1,486	12	13	54	12	214
Toronto/Buttonville Municipal	6	3,300	5	14	66	26	384
Toronto/Lester B. Pearson International	39	102	19	18	8	29	32
Vancouver Harbour	42	4	18	9	2	18	2
Vancouver International	40	102	26	8	28	26	36
Victoria International	3	4,784	12	14	66	28	314
Whitehorse International	33	316	8	13	20	13	34
Windsor	28	466	30	14	20	10	52
Winnipeg/James Armstrong Richardson International	22	970	17	11	24	17	90
Winnipeg/St. Andrews	8	3,074	9	15	66	9	252
Yellowknife	32	384	26	11	26	27	46

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

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Brandon Municipal	18	232	9	14	20	9	50
Campbell River	9	740	24	12	30	9	72
Castlegar	26	94	9	11	20	9	20
Charlottetown	31	62	9	19	10	9	24
Churchill	44	8	16	11	4	16	6
Cranbrook	37	38	12	16	12	12	16
Deer Lake	19	226	10	9	24	12	66
Fort Nelson	38	36	25	17	10	3	18
Fort St. John	24	112	14	15	28	16	30
Grande Prairie	5	1,108	9	12	48	9	162
High Level	39	26	12	18	10	12	10
Îles-de-la-Madeleine	0	0	0	0	0	0	0
Inuvik/Mike Zubko	32	58	29	16	18	29	34
Iqaluit	34	40	10	10	6	31	14
Kamloops	8	740	18	15	42	18	140
Kenora	20	206	24	11	30	24	44
Kingston	10	690	10	17	32	26	82
Kuuujuaq	42	16	11	9	4	11	4
La Grande Rivière	0	0	0	0	0	0	0
La Ronge	25	112	11	10	12	11	22
Lethbridge	4	1,152	11	16	28	11	88
Lloydminster	13	440	11	16	26	11	70
Medicine Hat	17	236	22	19	18	5	30
Mont-Joli	0	0	0	0	0	0	0
Montréal/Mirabel International	6	1,100	2	14	32	8	92
Nanaimo	12	460	10	12	28	2	76
Norman Wells	29	68	16	12	8	16	14
North Bay	2	1,494	15	15	56	21	176
Ottawa/Gatineau	1	1,578	14	14	52	14	184
Peace River	36	40	5	15	8	5	10
Penticton	14	430	9	14	24	9	46
Port Hardy	41	18	17	12	6	17	12
Prince Albert	43	10	12	12	8	12	8
Prince Rupert	0	0	0	0	0	0	0
Rankin Inlet	40	22	6	20	8	6	10
Red Deer Regional	3	1,204	9	13	62	9	150
Rouyn-Noranda	45	6	11	22	4	11	4
Saint John	16	312	28	18	18	27	34
Sept-Îles	21	148	10	15	18	10	30
Sioux Lookout	27	88	26	14	12	27	32
Smithers	30	64	9	14	16	9	24
St. Catharines	11	496	27	12	22	27	66
Sudbury	15	420	15	12	36	15	76
Terrace	35	40	31	16	14	31	14
Thompson	23	114	25	13	18	25	22
Timmins	33	48	24	12	24	24	30
Val-d'Or	22	130	15	15	26	15	46
Victoria Harbour	46	4	30	8	2	30	2
Wabush	0	0	0	0	0	0	0
Whitecourt	7	946	23	12	40	9	98
Williams Lake	28	74	20	13	10	20	18

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

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Abbotsford	2	5,998	24	11	96	10	432
Boundary Bay	4	4,618	9	12	80	10	354
Calgary International	39	102	9	19	6	27	18
Calgary/Springbank	1	6,366	16	11	98	25	422
Chicoutimi/St-Honoré	24	904	15	14	48	29	168
Edmonton City Centre	27	538	3	13	22	27	54
Edmonton International	34	246	3	11	10	25	30
Edmonton/Villeneuve	9	2,598	8	15	56	26	254
Fort McMurray	36	180	5	10	16	5	44
Fredericton International	5	4,238	15	13	48	18	334
Gander International	25	722	14	12	24	28	98
Halifax/Robert L. Stanfield International	35	198	11	9	10	12	30
Hamilton	30	418	15	14	26	10	46
Kelowna	14	1,954	29	11	42	18	148
Kitchener/Waterloo	7	3,108	16	11	70	15	378
Langley	19	1,392	28	11	40	3	132
London	10	2,540	26	15	48	17	282
Moncton/Greater Moncton International	16	1,606	12	12	26	29	152
Montréal/Pierre Elliott Trudeau International	37	152	26	13	24	26	52
Montréal/St-Hubert	11	2,500	15	15	94	16	438
Oshawa	21	1,210	12	16	40	10	118
Ottawa/Macdonald-Cartier International	17	1,586	15	11	64	15	172
Pitt Meadows	13	2,228	24	14	58	11	302
Prince George	31	392	8	14	28	8	56
Québec/Jean Lesage International	20	1,314	16	14	46	15	192
Regina International	26	568	22	14	20	26	92
Saskatoon/John G. Diefenbaker International	15	1,800	26	11	54	26	154
Sault Ste. Marie	23	912	5	15	40	10	156
St. John's International	38	116	4	12	14	4	52
St-Jean	29	420	12	12	16	12	64
Thunder Bay	12	2,298	27	19	76	27	416
Toronto/Billy Bishop Toronto City	18	1,486	12	13	54	12	214
Toronto/Buttonville Municipal	6	3,300	5	14	66	26	384
Toronto/Lester B. Pearson International	40	102	19	18	8	29	32
Vancouver Harbour	42	4	18	9	2	18	2
Vancouver International	41	102	26	8	28	26	36
Victoria International	3	4,784	12	14	66	28	314
Whitehorse International	33	316	8	13	20	13	34
Windsor	28	464	30	14	20	10	52
Winnipeg/James Armstrong Richardson International	22	964	17	11	24	17	86
Winnipeg/St. Andrews	8	3,074	9	15	66	9	252
Yellowknife	32	364	26	11	26	27	44

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	19	224	9	14	20	9	46
Campbell River	9	736	24	12	30	9	72
Castlegar	26	92	9	11	20	9	20
Charlottetown	32	58	9	19	10	9	24
Churchill	44	8	16	11	4	16	6
Cranbrook	36	38	12	16	12	12	16
Deer Lake	18	226	10	9	24	12	66
Fort Nelson	38	36	25	17	10	3	18
Fort St. John	24	112	14	15	28	16	30
Grande Prairie	5	1,108	9	12	48	9	162
High Level	39	26	12	18	10	12	10
Îles-de-la-Madeleine	0	0	0	0	0	0	0
Inuvik/Mike Zubko	31	58	29	16	18	29	34
Iqaluit	34	40	10	10	6	31	14
Kamloops	8	740	18	15	42	18	140
Kenora	20	206	24	11	30	24	44
Kingston	10	684	10	17	32	26	82
Kuuujuaq	42	16	11	9	4	11	4
La Grande Rivière	0	0	0	0	0	0	0
La Ronge	25	112	11	10	12	11	22
Lethbridge	4	1,152	11	16	28	11	88
Lloydminster	13	440	11	16	26	11	70
Medicine Hat	17	236	22	19	18	5	30
Mont-Joli	0	0	0	0	0	0	0
Montréal/Mirabel International	6	1,092	2	14	32	8	92
Nanaimo	12	460	10	12	28	2	76
Norman Wells	29	66	16	12	8	16	14
North Bay	2	1,482	15	15	56	21	176
Ottawa/Gatineau	1	1,578	14	14	52	14	184
Peace River	37	38	5	15	8	5	10
Penticton	14	430	9	14	24	9	46
Port Hardy	41	18	17	12	6	17	12
Prince Albert	43	10	12	12	8	12	8
Prince Rupert	0	0	0	0	0	0	0
Rankin Inlet	40	20	6	20	8	6	10
Red Deer Regional	3	1,204	9	13	62	9	150
Rouyn-Noranda	45	6	11	22	4	11	4
Saint John	16	304	28	18	18	27	34
Sept-Îles	21	148	10	15	18	10	30
Sioux Lookout	27	88	26	14	12	27	32
Smithers	30	64	9	14	16	9	24
St. Catharines	11	496	27	12	22	27	66
Sudbury	15	420	15	12	36	15	76
Terrace	35	40	31	16	14	31	14
Thompson	23	114	25	13	18	25	22
Timmins	33	48	24	12	24	24	30
Val-d'Or	22	130	15	15	26	15	46
Victoria Harbour	46	4	30	8	2	30	2
Wabush	0	0	0	0	0	0	0
Whitecourt	7	946	23	12	40	9	98
Williams Lake	28	72	20	13	10	20	18

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

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Abbotsford	0	0	0	0	0	0	0
Boundary Bay	0	0	0	0	0	0	0
Calgary International	0	0	0	0	0	0	0
Calgary/Springbank	0	0	0	0	0	0	0
Chicoutimi/St-Honoré	10	6	9	14	6	9	6
Edmonton City Centre	0	0	0	0	0	0	0
Edmonton International	3	24	26	21	6	26	6
Edmonton/Villeneuve	0	0	0	0	0	0	0
Fort McMurray	8	6	7	14	2	7	2
Fredericton International	6	14	2	11	14	2	14
Gander International	13	4	29	15	4	29	4
Halifax/Robert L. Stanfield International	11	4	12	18	2	12	2
Hamilton	12	4	11	11	2	11	2
Kelowna	0	0	0	0	0	0	0
Kitchener/Waterloo	0	0	0	0	0	0	0
Langley	0	0	0	0	0	0	0
London	14	4	22	12	4	22	4
Moncton/Greater Moncton International	4	22	8	10	8	8	16
Montréal/Pierre Elliott Trudeau International	0	0	0	0	0	0	0
Montréal/St-Hubert	0	0	0	0	0	0	0
Oshawa	18	2	22	13	2	22	2
Ottawa/Macdonald-Cartier International	16	2	16	15	2	16	2
Pitt Meadows	0	0	0	0	0	0	0
Prince George	15	4	30	15	4	30	4
Québec/Jean Lesage International	7	12	9	10	4	9	6
Regina International	1	140	14	15	10	14	24
Saskatoon/John G. Diefenbaker International	2	86	25	19	10	25	22
Sault Ste. Marie	0	0	0	0	0	0	0
St. John's International	0	0	0	0	0	0	0
St-Jean	0	0	0	0	0	0	0
Thunder Bay	0	0	0	0	0	0	0
Toronto/Billy Bishop Toronto City	0	0	0	0	0	0	0
Toronto/Buttonville Municipal	0	0	0	0	0	0	0
Toronto/Lester B. Pearson International	0	0	0	0	0	0	0
Vancouver Harbour	0	0	0	0	0	0	0
Vancouver International	0	0	0	0	0	0	0
Victoria International	0	0	0	0	0	0	0
Whitehorse International	0	0	0	0	0	0	0
Windsor	17	2	11	11	2	11	2
Winnipeg/James Armstrong Richardson International	9	6	17	12	4	17	4
Winnipeg/St. Andrews	0	0	0	0	0	0	0
Yellowknife	5	20	22	17	10	22	10

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	8	9	13	4	9	4
Campbell River	7	4	14	16	2	14	2
Castlegar	8	2	19	14	2	19	2
Charlottetown	6	4	14	17	2	14	2
Churchill	0	0	0	0	0	0	0
Cranbrook	0	0	0	0	0	0	0
Deer Lake	0	0	0	0	0	0	0
Fort Nelson	0	0	0	0	0	0	0
Fort St. John	0	0	0	0	0	0	0
Grande Prairie	0	0	0	0	0	0	0
High Level	0	0	0	0	0	0	0
Îles-de-la-Madeleine	0	0	0	0	0	0	0
Inuvik/Mike Zubko	0	0	0	0	0	0	0
Iqaluit	0	0	0	0	0	0	0
Kamloops	0	0	0	0	0	0	0
Kenora	0	0	0	0	0	0	0
Kingston	5	6	24	16	4	24	4
Kuujuuaq	0	0	0	0	0	0	0
La Grande Rivière	0	0	0	0	0	0	0
La Ronge	0	0	0	0	0	0	0
Lethbridge	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	3	8	16	14	8	16	8
Nanaimo	0	0	0	0	0	0	0
Norman Wells	10	2	27	15	2	27	2
North Bay	1	12	10	10	4	22	6
Ottawa/Gatineau	0	0	0	0	0	0	0
Peace River	9	2	10	16	2	10	2
Penticton	0	0	0	0	0	0	0
Port Hardy	0	0	0	0	0	0	0
Prince Albert	0	0	0	0	0	0	0
Prince Rupert	0	0	0	0	0	0	0
Rankin Inlet	11	2	8	11	2	8	2
Red Deer Regional	0	0	0	0	0	0	0
Rouyn-Noranda	0	0	0	0	0	0	0
Saint John	4	8	11	17	6	11	6
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	12	2	30	14	2	30	2

Methodology

Survey universe

Coverage

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

Methodology survey

The Itinerant movement record is designed to capture:

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

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

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

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

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

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

Other parameter files information includes registered aircraft identifications and their corresponding aircraft types, maximum take-off weights, types of power plant (piston, jet or turboprop); whether the aircraft are fixed wing, helicopters or gliders. This information also provides a basis for identifying type of flights (commercial, private and government) and the geographical area in which the flights take place.

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

Data quality and limitations

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

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

To maintain uniformity in the reporting of source data, ASC issues to air traffic control units an "Air traffic designators" handbook (TP 143) listing the official Transport Canada aircraft type designators and the designators of various domestic and international air carriers. This handbook and another titled "Canada flight supplement" listing various airport codes serve as references to help ensure the reporting of the proper aircraft identity and the point of origin and destination of flights.

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

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

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

Appendix I

Factors influencing the data

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

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

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

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

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

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

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

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

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

Appendix II

Glossary of terms

Air carrier

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

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

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

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

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

Aircraft movement

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

Class of operation

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

Commercial

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

Domestic itinerant movements

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

FSS

Flight service station.

Government-Civil

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

Government-Military

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

I.F.R. flight

A flight conducted in accordance with Instrument Flight Rules.

International movements

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

Itinerant movements

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

Local movements

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

Maximum take-off weight

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

Other commercial

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

Power plant

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

Private aircraft

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

Runway 88

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

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

Simulated approaches

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

TC

Transport Canada.

Tower control zone

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

V.F.R. flight

A flight conducted in accordance with Visual flight rules.

Weight group

The classification of weight classes in groups for statistical purposes.