

Catalogue no. 51-007-X

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



April 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, e-mail us at 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 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 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)

April 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>

May 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
- 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 **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

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 461,954 aircraft take-offs and landings at the 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations in April 2012 compared with 463,684 movements in April 2011.

Itinerant movements (flights from one airport to another) increased 1.7% (+5,404 movements) in April 2012 from the same month the previous year. These airports reported 323,501 movements compared with 318,097 movements in April 2011.

In April 2012, there were 138,453 local movements (flights that remain in the vicinity of the airport) recorded. This represents a decrease of 4.9% (-7,134 movements) compared with the previous year.

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

	NAV CANADA towers		NAV CANADA Flight Service Stations		Total	
	number	percent	number	percent	number	percent
Grand total	369,420	-0.5	92,534	0.2	461,954	-0.4
Itinerant movements						
Air carriers	204,283	2.5	51,005	4.5	255,288	2.9
Other commercial movements	21,288	-0.8	2,924	-12.1	24,212	-2.3
Private movements	24,990	0.5	8,958	-0.7	33,948	0.2
Government civil movements	4,059	-19.1	1,706	-9.2	5,765	-16.4
Government military movements	3,396	-4.4	892	3.8	4,288	-2.8
Itinerant total	258,016	1.5	65,485	2.5	323,501	1.7
Local movements						
Civil local movements	110,920	-4.9	26,809	-3.0	137,729	-4.6
Military local movements	484	3.6	240	-70.1	724	-42.9
Local total	111,404	-4.9	27,049	-4.9	138,453	-4.9

Analysis

There were 461,954 aircraft take-offs and landings at the 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations in April 2012 compared with 463,684 movements in April 2011. Year-over-year increases were reported by 48 airports. Toronto/Lester B. Pearson International, Ontario (35,409 movements) followed by Vancouver International, British Columbia (23,206 movements) were the most active sites in April 2012.

Itinerant movements (flights from one airport to another) increased 1.7% (+5,404 movements) in April 2012 from the same month the previous year. These airports reported 323,501 movements compared with 318,097 movements in April 2011. Year-over-year variations ranged from an increase of 1,804 movements (+34.3%) at Toronto/Billy Bishop Toronto City, Ontario to a drop of 1,095 movements (-16.8%) at Montréal/St-Hubert, Quebec. Forty-seven airports reported year-over-year increases in the number of itinerant aircraft movements in April 2012.

In April 2012, there were 138,453 local movements (flights that remain in the vicinity of the airport) recorded. This represents a decrease of 4.9% (-7,134 movements) compared with the previous year. Abbotsford, British Columbia (7,952 movements) followed by Boundary Bay, British Columbia (7,872 movements) recorded the largest number of local movements.

Itinerant movements: domestic, transborder and international

There were 269,101 domestic itinerant movements reported by 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations in April 2012, up 1.6% (+4,338 movements) from April 2011. Vancouver International, British Columbia (17,226 movements) followed by Calgary International, Alberta (14,658 movements) reported the greatest number of domestic itinerant movements. Forty-eight airports reported year-over-year increases in the number of domestic movements in April 2012.

Seventy-six airports recorded 42,107 transborder itinerant movements (between Canada and the United States) in April 2012, up 1.5% from April 2011. Toronto/Lester B. Pearson International, Ontario (15,678 movements) reported the greatest number of transborder itinerant movements.

In April 2012, forty-three airports reported 12,293 other international itinerant movements, up 3.7% from April 2011. Toronto/Lester B. Pearson International, Ontario, recorded 5,515 other international itinerant movements. This represents 44.9% 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	8	11,635	24	3,683	1	7,952
Boundary Bay	5	12,601	16	4,729	2	7,872
Calgary International	4	18,786	4	18,618	37	168
Calgary/Springbank	12	11,212	19	4,248	3	6,964
Chicoutimi/St-Honoré	25	6,306	37	1,794	9	4,512
Edmonton City Centre	35	4,466	20	4,094	35	372
Edmonton International	11	11,259	5	10,827	34	432
Edmonton/Villeneuve	29	5,540	41	1,296	11	4,244
Fort McMurray	24	6,394	18	4,372	21	2,022
Fredericton International	27	6,202	31	3,084	15	3,118
Gander International	41	2,401	38	1,661	32	740
Halifax/Robert L. Stanfield International	22	6,927	11	6,657	36	270
Hamilton	40	2,884	36	1,940	31	944
Kelowna	23	6,621	22	3,951	17	2,670
Kitchener/Waterloo	18	8,702	23	3,776	7	4,926
Langley	26	6,230	26	3,250	16	2,980
London	28	5,787	25	3,319	19	2,468
Moncton/Greater Moncton International	31	4,930	29	3,138	24	1,792
Montréal/Pierre Elliott Trudeau International	3	19,088	3	18,940	39	148
Montréal/St-Hubert	9	11,587	13	5,409	5	6,178
Oshawa	32	4,794	33	2,804	22	1,990
Ottawa/Macdonald-Cartier International	7	12,058	6	10,184	23	1,874
Pitt Meadows	15	9,151	30	3,119	6	6,032
Prince George	34	4,485	35	2,007	18	2,478
Québec/Jean Lesage International	10	11,557	8	7,681	13	3,876
Regina International	36	4,176	28	3,170	30	1,006
Saskatoon/John G. Diefenbaker International	20	7,137	15	5,115	20	2,022
Sault Ste. Marie	21	7,055	34	2,771	10	4,284
St. John's International	37	3,313	27	3,245	41	68
St-Jean	39	2,885	42	1,189	25	1,696
Thunder Bay	17	8,717	14	5,355	14	3,362
Toronto/Billy Bishop Toronto City	16	8,757	9	7,067	26	1,690
Toronto/Buttonville Municipal	6	12,305	12	5,903	4	6,402
Toronto/Lester B. Pearson International	1	35,409	1	35,249	38	160
Vancouver Harbour	33	4,702	17	4,694	42	8
Vancouver International	2	23,206	2	23,128	40	78
Victoria International	14	11,027	10	6,949	12	4,078
Whitehorse International	38	3,022	39	1,482	27	1,540
Windsor	42	2,030	40	1,404	33	626
Winnipeg/James Armstrong Richardson International	13	11,168	7	9,788	28	1,380
Winnipeg/St. Andrews	19	7,719	32	2,879	8	4,840
Yellowknife	30	5,189	21	4,047	29	1,142
Total of NAV CANADA towers (42)	.	369,420	.	258,016	.	111,404

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	26	1,664	35	885	12	779
Campbell River	30	1,541	27	1,081	22	460
Castlegar	35	1,290	36	792	21	498
Charlottetown	42	846	39	762	37	84
Churchill	46	719	43	717	48	2
Cranbrook	40	882	38	782	32	100
Deer Lake	32	1,400	21	1,320	38	80
Fort Nelson	23	1,760	14	1,598	28	162
Fort St. John	21	1,784	20	1,408	23	376
Grande Prairie	8	2,976	8	1,958	9	1,018
High Level	37	1,029	44	703	26	326
Îles-de-la-Madeleine	50	440	50	440	0	0
Inuvik/Mike Zubko	44	746	41	724	44	22
Iqaluit	29	1,559	18	1,515	41	44
Kamloops	6	3,061	12	1,760	6	1,301
Kenora	28	1,590	34	908	15	682
Kingston	12	2,741	15	1,587	7	1,154
Kuujuuaq	39	1,012	33	914	33	98
La Grande Rivière	45	742	42	724	45	18
La Ronge	18	1,862	17	1,558	27	304
Lethbridge	20	1,788	24	1,152	16	636
Lloydminster	31	1,476	40	748	13	728
Medicine Hat	25	1,707	28	1,079	17	628
Mont-Joli	49	586	47	586	0	0
Montréal/Mirabel International	7	3,019	31	1,001	4	2,018
Nanaimo	15	2,394	16	1,562	11	832
Norman Wells	14	2,628	5	2,254	24	374
North Bay	1	4,394	11	1,790	1	2,604
Ottawa/Gatineau	4	3,438	22	1,318	3	2,120
Peace River	48	629	48	585	42	44
Penticton	17	2,032	32	958	8	1,074
Port Hardy	41	873	37	787	36	86
Prince Albert	24	1,712	13	1,620	34	92
Prince Rupert	51	280	51	272	47	8
Rankin Inlet	38	1,017	29	1,017	0	0
Red Deer Regional	2	4,022	19	1,496	2	2,526
Rouyn-Noranda	36	1,201	26	1,111	35	90
Saint John	27	1,655	25	1,145	18	510
Sept-Îles	11	2,753	6	2,245	19	508
Sioux Lookout	13	2,670	4	2,570	31	100
Smithers	47	638	49	492	30	146
St. Catharines	5	3,401	9	1,821	5	1,580
Sudbury	3	3,785	1	2,809	10	976
Terrace	33	1,371	30	1,013	25	358
Thompson	10	2,761	3	2,717	40	44
Timmins	16	2,134	7	2,088	39	46
Val-d'Or	22	1,772	23	1,268	20	504
Victoria Harbour	9	2,801	2	2,787	46	14
Wabush	19	1,831	10	1,806	43	25
Whitecourt	34	1,356	45	632	14	724
Williams Lake	43	766	46	620	29	146
Total of all flight service stations (51)	.	92,534	.	65,485	.	27,049

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

	Civil movements			Military movements				
	Total	Itinerant		Local	Total	Itinerant		Local
		Commercial	Private and government			Local	Local	
	number							
Abbotsford	11,551	2,695	904	7,952	84	84	0	
Boundary Bay	12,572	3,390	1,310	7,872	29	29	0	
Calgary International	18,744	17,378	1,198	168	42	42	0	
Calgary/Springbank	11,208	3,071	1,173	6,964	4	4	0	
Chicoutimi/St-Honoré	6,285	1,661	126	4,498	21	7	14	
Edmonton City Centre	4,456	2,954	1,130	372	10	10	0	
Edmonton International	11,209	10,181	624	404	50	22	28	
Edmonton/Villeneuve	5,076	500	332	4,244	464	464	0	
Fort McMurray	6,386	3,797	575	2,014	8	0	8	
Fredericton International	6,134	2,836	186	3,112	68	62	6	
Gander International	2,260	1,219	301	740	141	141	0	
Halifax/Robert L. Stanfield International	6,843	6,286	291	266	84	80	4	
Hamilton	2,866	1,545	387	934	18	8	10	
Kelowna	6,535	3,337	574	2,624	86	40	46	
Kitchener/Waterloo	8,693	2,838	929	4,926	9	9	0	
Langley	5,445	1,396	1,069	2,980	785	785	0	
London	5,768	2,684	624	2,460	19	11	8	
Moncton/Greater Moncton International	4,918	2,924	208	1,786	12	6	6	
Montréal/Pierre Elliott Trudeau International	19,079	17,821	1,112	146	9	7	2	
Montréal/St-Hubert	11,532	4,265	1,089	6,178	55	55	0	
Oshawa	4,790	2,014	786	1,990	4	4	0	
Ottawa/Macdonald-Cartier International	11,939	9,549	534	1,856	119	101	18	
Pitt Meadows	9,151	1,705	1,414	6,032	0	0	0	
Prince George	4,463	1,609	392	2,462	22	6	16	
Québec/Jean Lesage International	11,508	6,417	1,215	3,876	49	49	0	
Regina International	3,989	2,586	555	848	187	29	158	
Saskatoon/John G. Diefenbaker International	6,910	4,308	714	1,888	227	93	134	
Sault Ste. Marie	7,036	2,533	231	4,272	19	7	12	
St. John's International	3,181	2,830	283	68	132	132	0	
St-Jean	2,356	203	457	1,696	529	529	0	
Thunder Bay	8,659	4,914	391	3,354	58	50	8	
Toronto/Billy Bishop Toronto City	8,748	6,587	471	1,690	9	9	0	
Toronto/Buttonville Municipal	12,298	3,733	2,163	6,402	7	7	0	
Toronto/Lester B. Pearson International	35,399	34,106	1,133	160	10	10	0	
Vancouver Harbour	4,699	4,666	25	8	3	3	0	
Vancouver International	23,184	22,182	924	78	22	22	0	
Victoria International	10,863	5,398	1,389	4,076	164	162	2	
Whitehorse International	2,992	1,188	266	1,538	30	28	2	
Windsor	2,026	1,159	243	624	4	2	2	
Winnipeg/James Armstrong Richardson International	10,942	8,707	855	1,380	226	226	0	
Winnipeg/St. Andrews	7,716	2,526	350	4,840	3	3	0	
Yellowknife	5,131	3,873	116	1,142	58	58	0	
Total of NAV CANADA towers (42)	365,540	225,571	29,049	110,920	3,880	3,396	484	

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			Commercial	Private and government	
	number							
Brandon Municipal	1,474	363	346	765	190	176	14	
Campbell River	1,536	839	237	460	5	5	0	
Castlegar	1,274	741	41	492	16	10	6	
Charlottetown	808	634	96	78	38	32	6	
Churchill	715	703	10	2	4	4	0	
Cranbrook	873	629	144	100	9	9	0	
Deer Lake	1,385	1,236	69	80	15	15	0	
Fort Nelson	1,726	1,432	132	162	34	34	0	
Fort St. John	1,780	1,116	288	376	4	4	0	
Grande Prairie	2,964	1,543	413	1,008	12	2	10	
High Level	1,029	637	66	326	0	0	0	
Îles-de-la-Madeleine	438	391	47	0	2	2	0	
Inuvik/Mike Zubko	715	681	20	14	31	23	8	
Iqaluit	1,537	1,409	84	44	22	22	0	
Kamloops	3,037	1,387	351	1,299	24	22	2	
Kenora	1,465	754	91	620	125	63	62	
Kingston	2,701	1,135	422	1,144	40	30	10	
Kuujuuaq	1,008	868	42	98	4	4	0	
La Grande Rivière	742	693	31	18	0	0	0	
La Ronge	1,862	1,397	161	304	0	0	0	
Lethbridge	1,707	820	301	586	81	31	50	
Lloydminster	1,466	501	237	728	10	10	0	
Medicine Hat	1,690	861	201	628	17	17	0	
Mont-Joli	574	532	42	0	12	12	0	
Montréal/Mirabel International	3,001	777	220	2,004	18	4	14	
Nanaimo	2,369	799	738	832	25	25	0	
Norman Wells	2,627	2,234	19	374	1	1	0	
North Bay	4,280	1,264	412	2,604	114	114	0	
Ottawa/Gatineau	3,391	570	711	2,110	47	37	10	
Peace River	627	542	41	44	2	2	0	
Penticton	1,999	539	388	1,072	33	31	2	
Port Hardy	863	628	149	86	10	10	0	
Prince Albert	1,666	1,336	242	88	46	42	4	
Prince Rupert	280	251	21	8	0	0	0	
Rankin Inlet	1,017	1,003	14	0	0	0	0	
Red Deer Regional	3,966	1,000	480	2,486	56	16	40	
Rouyn-Noranda	1,201	955	156	90	0	0	0	
Saint John	1,651	844	299	508	4	2	2	
Sept-Îles	2,741	2,043	190	508	12	12	0	
Sioux Lookout	2,646	2,474	72	100	24	24	0	
Smithers	638	435	57	146	0	0	0	
St. Catharines	3,388	904	904	1,580	13	13	0	
Sudbury	3,771	2,305	490	976	14	14	0	
Terrace	1,371	955	58	358	0	0	0	
Thompson	2,761	2,520	197	44	0	0	0	
Timmins	2,134	1,908	180	46	0	0	0	
Val-d'Or	1,766	990	272	504	6	6	0	
Victoria Harbour	2,799	2,685	100	14	2	2	0	
Wabush	1,831	1,683	123	25	0	0	0	
Whitecourt	1,352	530	98	724	4	4	0	
Williams Lake	760	453	161	146	6	6	0	
Total of all flight service stations (51)	91,402	53,929	10,664	26,809	1,132	892	240	

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	3,683	434	2,153	108	844	60	84
Boundary Bay	4,729	7	993	2,390	1,287	23	29
Calgary International	18,618	16,249	794	335	1,113	85	42
Calgary/Springbank	4,248	21	934	2,116	1,158	15	4
Chicoutimi/St-Honoré	1,794	498	37	1,126	126	0	7
Edmonton City Centre	4,094	1,114	627	1,213	660	470	10
Edmonton International	10,827	9,934	217	30	616	8	22
Edmonton/Villeneuve	1,296	0	126	374	332	0	464
Fort McMurray	4,372	1,601	2,088	108	549	26	0
Fredericton International	3,084	734	2,100	2	85	101	62
Gander International	1,661	1,131	71	17	180	121	141
Halifax/Robert L. Stanfield International	6,657	5,869	374	43	255	36	80
Hamilton	1,940	1,399	138	8	267	120	8
Kelowna	3,951	2,666	341	330	490	84	40
Kitchener/Waterloo	3,776	342	2,446	50	921	8	9
Langley	3,250	10	133	1,253	1,052	17	785
London	3,319	1,047	304	1,333	565	59	11
Moncton/Greater Moncton International	3,138	1,636	1,281	7	84	124	6
Montréal/Pierre Elliott Trudeau International	18,940	16,934	806	81	945	167	7
Montréal/St-Hubert	5,409	2,152	714	1,399	1,016	73	55
Oshawa	2,804	31	328	1,655	717	69	4
Ottawa/Macdonald-Cartier International	10,184	8,059	274	1,216	326	208	101
Pitt Meadows	3,119	2	1,188	515	1,388	26	0
Prince George	2,007	1,143	445	21	314	78	6
Québec/Jean Lesage International	7,681	4,242	1,889	286	856	359	49
Regina International	3,170	2,124	423	39	375	180	29
Saskatoon/John G. Diefenbaker International	5,115	3,255	817	236	452	262	93
Sault Ste. Marie	2,771	1,055	106	1,372	136	95	7
St. John's International	3,245	2,505	311	14	142	141	132
St-Jean	1,189	6	136	61	457	0	529
Thunder Bay	5,355	3,329	236	1,349	292	99	50
Toronto/Billy Bishop Toronto City	7,067	5,092	550	945	460	11	9
Toronto/Buttonville Municipal	5,903	242	3,421	70	2,121	42	7
Toronto/Lester B. Pearson International	35,249	33,454	617	35	1,113	20	10
Vancouver Harbour	4,694	4,301	365	0	25	0	3
Vancouver International	23,128	20,867	1,224	91	697	227	22
Victoria International	6,949	2,879	2,204	315	1,377	12	162
Whitehorse International	1,482	761	425	2	240	26	28
Windsor	1,404	532	558	69	235	8	2
Winnipeg/James Armstrong Richardson International	9,788	8,429	249	29	299	556	226
Winnipeg/St. Andrews	2,879	608	1,273	645	349	1	3
Yellowknife	4,047	3,359	514	0	74	42	58
Total of NAV CANADA towers (42)	258,016	170,053	34,230	21,288	24,990	4,059	3,396

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	885	128	214	21	267	79	176
Campbell River	1,081	580	114	145	231	6	5
Castlegar	792	242	33	466	39	2	10
Charlottetown	762	590	43	1	88	8	32
Churchill	717	693	10	0	0	10	4
Cranbrook	782	547	42	40	144	0	9
Deer Lake	1,320	1,176	60	0	20	49	15
Fort Nelson	1,598	513	919	0	130	2	34
Fort St. John	1,408	733	383	0	280	8	4
Grande Prairie	1,958	1,029	438	76	385	28	2
High Level	703	408	227	2	51	15	0
Îles-de-la-Madeleine	440	315	76	0	11	36	2
Inuvik/Mike Zubko	724	556	125	0	6	14	23
Iqaluit	1,515	1,282	86	41	54	30	22
Kamloops	1,760	921	311	155	296	55	22
Kenora	908	571	176	7	45	46	63
Kingston	1,587	484	315	336	397	25	30
Kuujuuaq	914	794	52	22	14	28	4
La Grande Rivière	724	570	117	6	21	10	0
La Ronge	1,558	1,379	18	0	36	125	0
Lethbridge	1,152	424	49	347	289	12	31
Lloydminster	748	209	257	35	233	4	10
Medicine Hat	1,079	516	177	168	189	12	17
Mont-Joli	586	416	102	14	26	16	12
Montréal/Mirabel International	1,001	679	92	6	219	1	4
Nanaimo	1,562	359	427	13	720	18	25
Norman Wells	2,254	620	1,613	1	13	6	1
North Bay	1,790	622	393	249	382	30	114
Ottawa/Gatineau	1,318	130	302	138	687	24	37
Peace River	585	348	186	8	35	6	2
Penticton	958	305	218	16	358	30	31
Port Hardy	787	591	35	2	95	54	10
Prince Albert	1,620	1,296	32	8	88	154	42
Prince Rupert	272	239	12	0	13	8	0
Rankin Inlet	1,017	941	10	52	4	10	0
Red Deer Regional	1,496	222	688	90	466	14	16
Rouyn-Noranda	1,111	730	199	26	138	18	0
Saint John	1,145	734	34	76	292	7	2
Sept-Îles	2,245	1,404	602	37	130	60	12
Sioux Lookout	2,570	2,141	198	135	20	52	24
Smithers	492	375	60	0	42	15	0
St. Catharines	1,821	4	876	24	882	22	13
Sudbury	2,809	1,920	294	91	357	133	14
Terrace	1,013	579	374	2	37	21	0
Thompson	2,717	2,189	323	8	28	169	0
Timmins	2,088	1,800	92	16	110	70	0
Val-d'Or	1,268	807	177	6	248	24	6
Victoria Harbour	2,787	2,670	14	1	6	94	2
Wabush	1,806	1,319	350	14	97	26	0
Whitecourt	632	40	473	17	96	2	4
Williams Lake	620	415	32	6	143	18	6
Total of all flight service stations (51)	65,485	38,555	12,450	2,924	8,958	1,706	892

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	3,683	866	23.5	2,817	76.4	1,848
Boundary Bay	4,729	244	5.1	4,485	94.8	817
Calgary International	18,618	17,810	95.6	808	4.3	341
Calgary/Springbank	4,248	252	5.9	3,996	94.0	80
Chicoutimi/St-Honoré	1,794	210	11.7	1,584	88.2	141
Edmonton City Centre	4,094	1,755	42.8	2,339	57.1	1,358
Edmonton International	10,827	10,481	96.8	346	3.1	713
Edmonton/Villeneuve	1,296	38	2.9	1,258	97.0	191
Fort McMurray	4,372	2,022	46.2	2,350	53.7	321
Fredericton International	3,084	858	27.8	2,226	72.1	103
Gander International	1,661	1,067	64.2	594	35.7	156
Halifax/Robert L. Stanfield International	6,657	6,331	95.1	326	4.8	183
Hamilton	1,940	1,623	83.6	317	16.3	1,139
Kelowna	3,951	2,363	59.8	1,588	40.1	633
Kitchener/Waterloo	3,776	590	15.6	3,186	84.3	741
Langley	3,250	62	1.9	3,188	98.0	700
London	3,319	1,197	36.0	2,122	63.9	445
Moncton/Greater Moncton International	3,138	1,816	57.8	1,322	42.1	62
Montréal/Pierre Elliott Trudeau International	18,940	18,528	97.8	412	2.1	1,008
Montréal/St-Hubert	5,409	1,574	29.0	3,835	70.9	733
Oshawa	2,804	103	3.6	2,701	96.3	520
Ottawa/Macdonald-Cartier International	10,184	8,661	85.0	1,523	14.9	403
Pitt Meadows	3,119	35	1.1	3,084	98.8	1,536
Prince George	2,007	1,266	63.0	741	36.9	429
Québec/Jean Lesage International	7,681	5,192	67.5	2,489	32.4	578
Regina International	3,170	2,475	78.0	695	21.9	73
Saskatoon/John G. Diefenbaker International	5,115	3,719	72.7	1,396	27.2	141
Sault Ste. Marie	2,771	1,180	42.5	1,591	57.4	149
St. John's International	3,245	2,992	92.2	253	7.7	111
St-Jean	1,189	13	1.0	1,176	98.9	354
Thunder Bay	5,355	3,424	63.9	1,931	36.0	218
Toronto/Billy Bishop Toronto City	7,067	5,329	75.4	1,738	24.5	1,968
Toronto/Buttonville Municipal	5,903	764	12.9	5,139	87.0	1,409
Toronto/Lester B. Pearson International	35,249	35,138	99.6	111	0.3	209
Vancouver Harbour	4,694	114	2.4	4,580	97.5	1,517
Vancouver International	23,128	19,503	84.3	3,625	15.6	8,021
Victoria International	6,949	3,252	46.7	3,697	53.2	3,365
Whitehorse International	1,482	501	33.8	981	66.1	469
Windsor	1,404	658	46.8	746	53.1	90
Winnipeg/James Armstrong Richardson International	9,788	8,758	89.4	1,030	10.5	273
Winnipeg/St. Andrews	2,879	86	2.9	2,793	97.0	123
Yellowknife	4,047	2,077	51.3	1,970	48.6	471
Total of NAV CANADA towers (42)	258,016	174,927	67.8	83,089	32.2	34,140

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	885	194	21.9	691	78.0	54
Campbell River	1,081	470	43.4	611	56.5	257
Castlegar	792	239	30.1	553	69.8	105
Charlottetown	762	643	84.3	119	15.6	33
Churchill	717	681	94.9	36	5.0	13
Cranbrook	782	597	76.3	185	23.6	114
Deer Lake	1,320	1,222	92.5	98	7.4	13
Fort Nelson	1,598	536	33.5	1,062	66.4	23
Fort St. John	1,408	800	56.8	608	43.1	114
Grande Prairie	1,958	1,181	60.3	777	39.6	140
High Level	703	168	23.8	535	76.1	115
Îles-de-la-Madeleine	440	367	83.4	73	16.5	60
Inuvik/Mike Zubko	724	247	34.1	477	65.8	24
Iqaluit	1,515	1,201	79.2	314	20.7	0
Kamloops	1,760	1,044	59.3	716	40.6	327
Kenora	908	416	45.8	492	54.1	166
Kingston	1,587	631	39.7	956	60.2	161
Kuujuuaq	914	432	47.2	482	52.7	20
La Grande Rivière	724	590	81.4	134	18.5	121
La Ronge	1,558	678	43.5	880	56.4	345
Lethbridge	1,152	534	46.3	618	53.6	25
Lloydminster	748	241	32.2	507	67.7	30
Medicine Hat	1,079	438	40.5	641	59.4	57
Mont-Joli	586	552	94.1	34	5.8	14
Montréal/Mirabel International	1,001	740	73.9	261	26.0	1,048
Nanaimo	1,562	474	30.3	1,088	69.6	670
Norman Wells	2,254	196	8.6	2,058	91.3	634
North Bay	1,790	707	39.4	1,083	60.5	306
Ottawa/Gatineau	1,318	190	14.4	1,128	85.5	265
Peace River	585	306	52.3	279	47.6	12
Penticton	958	252	26.3	706	73.6	115
Port Hardy	787	202	25.6	585	74.3	301
Prince Albert	1,620	1,388	85.6	232	14.3	38
Prince Rupert	272	206	75.7	66	24.2	18
Rankin Inlet	1,017	914	89.8	103	10.1	6
Red Deer Regional	1,496	354	23.6	1,142	76.3	260
Rouyn-Noranda	1,111	975	87.7	136	12.2	19
Saint John	1,145	909	79.3	236	20.6	25
Sept-Îles	2,245	1,846	82.2	399	17.7	241
Sioux Lookout	2,570	1,733	67.4	837	32.5	194
Smithers	492	369	75.0	123	25.0	238
St. Catharines	1,821	99	5.4	1,722	94.5	258
Sudbury	2,809	1,789	63.6	1,020	36.3	157
Terrace	1,013	576	56.8	437	43.1	212
Thompson	2,717	1,653	60.8	1,064	39.1	22
Timmins	2,088	1,776	85.0	312	14.9	108
Val-d'Or	1,268	867	68.3	401	31.6	236
Victoria Harbour	2,787	123	4.4	2,664	95.5	1,023
Wabush	1,806	1,601	88.6	205	11.3	58
Whitecourt	632	53	8.3	579	91.6	62
Williams Lake	620	437	70.4	183	29.5	99
Total of all flight service stations (51)	65,485	34,837	53.2	30,648	46.8	8,956

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	3,683	463	550	1,755	882	33
Boundary Bay	4,729	7	40	4,416	266	0
Calgary International	18,618	12,643	5,041	239	695	0
Calgary/Springbank	4,248	29	78	3,176	965	0
Chicoutimi/St-Honoré	1,794	5	104	1,495	190	0
Edmonton City Centre	4,094	293	1,388	1,575	838	0
Edmonton International	10,827	6,752	3,728	322	25	0
Edmonton/Villeneuve	1,296	19	10	894	144	229
Fort McMurray	4,372	1,197	1,212	847	1,116	0
Fredericton International	3,084	71	825	2,129	59	0
Gander International	1,661	420	666	438	137	0
Halifax/Robert L. Stanfield International	6,657	3,608	2,596	180	273	0
Hamilton	1,940	1,058	553	206	123	0
Kelowna	3,951	1,136	1,353	1,086	376	0
Kitchener/Waterloo	3,776	170	337	3,008	261	0
Langley	3,250	0	6	2,416	446	382
London	3,319	342	887	1,942	147	1
Moncton/Greater Moncton International	3,138	690	1,054	1,337	57	0
Montréal/Pierre Elliott Trudeau International	18,940	12,089	6,386	321	144	0
Montréal/St-Hubert	5,409	191	1,040	3,958	220	0
Oshawa	2,804	24	29	2,631	120	0
Ottawa/Macdonald-Cartier International	10,184	5,818	2,823	1,366	177	0
Pitt Meadows	3,119	2	3	2,903	210	1
Prince George	2,007	444	865	346	352	0
Québec/Jean Lesage International	7,681	1,268	3,833	1,859	721	0
Regina International	3,170	1,647	728	737	58	0
Saskatoon/John G. Diefenbaker International	5,115	1,876	1,826	1,385	28	0
Sault Ste. Marie	2,771	41	1,158	1,502	70	0
St. John's International	3,245	1,323	1,564	65	293	0
St-Jean	1,189	0	6	923	20	240
Thunder Bay	5,355	369	3,136	1,578	272	0
Toronto/Billy Bishop Toronto City	7,067	10	5,253	1,375	429	0
Toronto/Buttonville Municipal	5,903	55	331	5,165	352	0
Toronto/Lester B. Pearson International	35,249	28,534	6,677	35	3	0
Vancouver Harbour	4,694	0	2,808	1,192	694	0
Vancouver International	23,128	11,394	8,958	2,053	723	0
Victoria International	6,949	973	2,160	3,436	380	0
Whitehorse International	1,482	328	390	542	222	0
Windsor	1,404	92	693	606	13	0
Winnipeg/James Armstrong Richardson International	9,788	4,928	4,009	676	175	0
Winnipeg/St. Andrews	2,879	0	684	1,988	207	0
Yellowknife	4,047	628	2,541	376	502	0
Total of NAV CANADA towers (42)	258,016	100,937	78,329	64,479	13,385	886

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

	Total	Jet	Turboprop	Piston	Helicopters	Gliders
	number					
Brandon Municipal	885	30	241	495	68	51
Campbell River	1,081	18	615	274	174	0
Castlegar	792	4	244	509	35	0
Charlottetown	762	234	384	94	50	0
Churchill	717	37	664	6	10	0
Cranbrook	782	17	523	215	27	0
Deer Lake	1,320	240	969	46	65	0
Fort Nelson	1,598	92	457	148	901	0
Fort St. John	1,408	302	514	236	356	0
Grande Prairie	1,958	232	828	524	374	0
High Level	703	0	275	201	227	0
Îles-de-la-Madeleine	440	10	351	79	0	0
Inuvik/Mike Zubko	724	106	378	115	125	0
Iqaluit	1,515	339	1,093	14	69	0
Kamloops	1,760	116	882	494	268	0
Kenora	908	6	544	165	193	0
Kingston	1,587	43	525	931	88	0
Kuujuuaq	914	160	694	6	54	0
La Grande Rivière	724	127	573	11	13	0
La Ronge	1,558	0	1,196	240	122	0
Lethbridge	1,152	59	460	593	40	0
Lloydminster	748	11	249	468	20	0
Medicine Hat	1,079	14	528	482	55	0
Mont-Joli	586	12	525	36	13	0
Montréal/Mirabel International	1,001	501	232	94	174	0
Nanaimo	1,562	23	372	1,085	75	7
Norman Wells	2,254	176	263	202	1,613	0
North Bay	1,790	113	687	394	577	19
Ottawa/Gatineau	1,318	2	133	956	226	1
Peace River	585	20	287	98	180	0
Penticton	958	29	295	375	259	0
Port Hardy	787	52	490	134	111	0
Prince Albert	1,620	32	1,386	141	61	0
Prince Rupert	272	18	197	3	54	0
Rankin Inlet	1,017	230	775	2	10	0
Red Deer Regional	1,496	45	408	837	206	0
Rouyn-Noranda	1,111	96	900	105	10	0
Saint John	1,145	241	666	196	42	0
Sept-Îles	2,245	48	1,695	256	246	0
Sioux Lookout	2,570	2	2,020	500	48	0
Smithers	492	10	391	28	63	0
St. Catharines	1,821	16	30	1,210	369	196
Sudbury	2,809	16	1,800	681	312	0
Terrace	1,013	15	587	29	382	0
Thompson	2,717	35	2,085	463	134	0
Timmins	2,088	17	1,892	116	63	0
Val-d'Or	1,268	104	754	250	160	0
Victoria Harbour	2,787	0	2,039	117	631	0
Wabush	1,806	31	1,476	116	183	0
Whitecourt	632	12	42	101	477	0
Williams Lake	620	20	421	138	41	0
Total of all flight service stations (51)	65,485	4,113	36,035	15,009	10,054	274

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

	Maximum take-off weight in kilograms									
	2,000 and under	2,001 to 4,000	4,001 to 5,670	5,671 to 9,000	9,001 to 18,000	18,001 to 35,000	35,001 to 70,000	70,001 to 90,000	90,001 to 136,000	136,001 and over
	number									
Abbotsford	2,257	346	211	222	58	180	400	5	4	0
Boundary Bay	4,433	230	35	11	16	4	0	0	0	0
Calgary International	527	461	1,378	1,718	951	4,275	7,868	619	199	622
Calgary/Springbank	3,661	309	255	19	4	0	0	0	0	0
Chicoutimi/St-Honoré	1,398	289	102	0	1	4	0	0	0	0
Edmonton City Centre	2,088	331	1,340	225	84	26	0	0	0	0
Edmonton International	227	147	499	965	574	2,762	5,174	184	164	131
Edmonton/Villeneuve	1,214	19	52	11	0	0	0	0	0	0
Fort McMurray	1,696	552	479	363	46	825	411	0	0	0
Fredericton International	2,122	127	88	316	85	304	34	0	0	8
Gander International	428	26	50	510	216	310	40	38	9	34
Halifax/Robert L. Stanfield International	119	219	347	1,048	767	1,400	2,124	205	152	276
Hamilton	215	254	169	319	159	59	274	5	376	110
Kelowna	1,354	81	259	537	37	726	947	0	10	0
Kitchener/Waterloo	3,175	95	345	43	26	30	62	0	0	0
Langley	3,074	77	80	12	5	2	0	0	0	0
London	1,936	106	202	157	391	389	136	0	2	0
Moncton/Greater Moncton International	1,345	121	150	411	52	563	221	0	249	26
Montréal/Pierre Elliott Trudeau International	341	112	714	681	2,682	6,636	4,949	1,476	6	1,343
Montréal/St-Hubert	3,718	415	723	399	144	5	5	0	0	0
Oshawa	2,609	141	26	22	6	0	0	0	0	0
Ottawa/Macdonald-Cartier International	1,369	105	936	305	591	3,386	2,835	383	46	228
Pitt Meadows	2,969	146	0	0	4	0	0	0	0	0
Prince George	556	103	196	587	14	370	180	0	0	1
Québec/Jean Lesage International	2,073	472	796	730	1,187	1,936	373	4	0	110
Regina International	626	166	350	356	57	869	682	0	64	0
Saskatoon/John G. Diefenbaker International	1,176	283	655	744	238	1,140	836	2	41	0
Sault Ste. Marie	1,540	70	569	56	150	374	12	0	0	0
St. John's International	51	17	285	625	668	569	768	149	80	33
St-Jean	1,181	2	6	0	0	0	0	0	0	0
Thunder Bay	1,577	238	2,192	170	115	855	206	2	0	0
Toronto/Billy Bishop Toronto City	1,495	169	320	219	10	4,851	0	3	0	0
Toronto/Buttonville Municipal	5,141	366	295	74	13	14	0	0	0	0
Toronto/Lester B. Pearson International	10	161	362	1,958	3,661	7,719	14,062	3,756	367	3,193
Vancouver Harbour	62	3,678	951	0	3	0	0	0	0	0
Vancouver International	466	3,191	813	2,661	1,621	4,790	6,238	1,100	395	1,853
Victoria International	2,984	909	141	452	812	1,057	550	14	30	0
Whitehorse International	633	145	168	78	2	304	152	0	0	0
Windsor	559	207	90	111	292	142	3	0	0	0
Winnipeg/James Armstrong Richardson International	457	430	2,647	380	909	2,009	2,115	237	559	45
Winnipeg/St. Andrews	2,012	743	124	0	0	0	0	0	0	0
Yellowknife	486	533	634	365	254	933	587	253	0	2
Total of NAV CANADA towers (42)	65,360	16,592	20,034	17,860	16,905	49,818	52,244	8,435	2,753	8,015

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	492	80	214	26	14	38	0	21	0	0
Campbell River	414	46	28	476	108	8	1	0	0	0
Castlegar	526	16	12	56	38	144	0	0	0	0
Charlottetown	71	118	55	180	58	180	98	2	0	0
Churchill	6	10	81	12	179	408	21	0	0	0
Cranbrook	164	71	52	282	64	149	0	0	0	0
Deer Lake	81	11	19	429	449	216	111	4	0	0
Fort Nelson	527	60	531	161	150	123	46	0	0	0
Fort St. John	526	46	151	255	123	274	33	0	0	0
Grande Prairie	678	208	348	61	24	462	177	0	0	0
High Level	401	89	93	115	0	4	1	0	0	0
Îles-de-la-Madeleine	10	69	87	114	145	13	0	2	0	0
Inuvik/Mike Zubko	101	34	341	2	80	60	96	10	0	0
Iqaluit	59	2	469	86	261	341	197	30	16	54
Kamloops	574	116	155	248	128	468	71	0	0	0
Kenora	204	59	597	2	18	20	0	8	0	0
Kingston	884	102	98	270	215	10	2	6	0	0
Kuujuuaq	62	0	522	2	111	81	116	4	0	16
La Grande Rivière	24	0	140	12	50	374	111	13	0	0
La Ronge	167	271	650	80	232	158	0	0	0	0
Lethbridge	507	117	175	286	44	15	6	2	0	0
Lloydminster	463	26	128	125	4	0	0	2	0	0
Medicine Hat	502	27	249	295	2	4	0	0	0	0
Mont-Joli	20	25	94	258	144	43	0	2	0	0
Montréal/Mirabel International	217	90	2	96	6	115	63	6	241	165
Nanaimo	853	329	14	23	15	328	0	0	0	0
Norman Wells	1,000	113	886	39	0	32	184	0	0	0
North Bay	942	72	405	146	163	47	7	8	0	0
Ottawa/Gatineau	1,058	110	54	90	2	4	0	0	0	0
Peace River	196	71	268	38	6	0	6	0	0	0
Penticton	558	74	25	116	11	174	0	0	0	0
Port Hardy	54	174	300	71	136	52	0	0	0	0
Prince Albert	139	55	203	392	317	514	0	0	0	0
Prince Rupert	23	4	50	30	53	112	0	0	0	0
Rankin Inlet	8	56	117	6	299	345	176	6	0	4
Red Deer Regional	889	118	285	73	2	46	71	12	0	0
Rouyn-Noranda	111	4	434	8	332	144	78	0	0	0
Saint John	154	179	137	214	148	271	40	2	0	0
Sept-Îles	348	152	557	380	579	215	12	2	0	0
Sioux Lookout	245	351	1,194	660	108	12	0	0	0	0
Smithers	78	24	64	164	57	105	0	0	0	0
St. Catharines	1,660	94	41	14	4	4	0	4	0	0
Sudbury	521	376	1,060	258	235	351	0	8	0	0
Terrace	243	113	168	167	115	207	0	0	0	0
Thompson	154	454	1,291	26	239	553	0	0	0	0
Timmins	123	142	940	103	466	314	0	0	0	0
Val-d'Or	346	30	349	28	309	128	64	0	14	0
Victoria Harbour	21	1,903	861	0	2	0	0	0	0	0
Wabush	190	115	427	457	458	155	4	0	0	0
Whitecourt	560	8	44	14	6	0	0	0	0	0
Williams Lake	157	14	26	411	12	0	0	0	0	0
Total of all flight service stations (51)	18,311	6,828	15,491	7,857	6,721	7,821	1,792	154	271	239

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	3,590	411	2,136	101	798	60	84
Transborder	85	15	17	7	46	0	0
Other international	8	8	0	0	0	0	0
Total	3,683	434	2,153	108	844	60	84
Boundary Bay							
Domestic	4,645	3	988	2,376	1,229	23	26
Transborder	84	4	5	14	58	0	3
Other international	0	0	0	0	0	0	0
Total	4,729	7	993	2,390	1,287	23	29
Calgary International							
Domestic	14,658	12,656	684	329	866	84	39
Transborder	3,266	2,907	107	6	243	1	2
Other international	694	686	3	0	4	0	1
Total	18,618	16,249	794	335	1,113	85	42
Calgary/Springbank							
Domestic	4,178	20	929	2,115	1,095	15	4
Transborder	70	1	5	1	63	0	0
Other international	0	0	0	0	0	0	0
Total	4,248	21	934	2,116	1,158	15	4
Chicoutimi/St-Honoré							
Domestic	1,794	498	37	1,126	126	0	7
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	1,794	498	37	1,126	126	0	7
Edmonton City Centre							
Domestic	4,050	1,104	619	1,206	642	470	9
Transborder	44	10	8	7	18	0	1
Other international	0	0	0	0	0	0	0
Total	4,094	1,114	627	1,213	660	470	10
Edmonton International							
Domestic	9,060	8,254	192	23	565	8	18
Transborder	1,514	1,429	25	7	50	0	3
Other international	253	251	0	0	1	0	1
Total	10,827	9,934	217	30	616	8	22
Edmonton/Villeneuve							
Domestic	1,295	0	126	374	331	0	464
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
Total	1,296	0	126	374	332	0	464
Fort McMurray							
Domestic	4,367	1,601	2,087	108	545	26	0
Transborder	5	0	1	0	4	0	0
Other international	0	0	0	0	0	0	0
Total	4,372	1,601	2,088	108	549	26	0
Fredericton International							
Domestic	3,054	720	2,093	2	77	101	61
Transborder	22	6	7	0	8	0	1
Other international	8	8	0	0	0	0	0
Total	3,084	734	2,100	2	85	101	62
Gander International							
Domestic	1,343	1,043	61	1	37	121	80
Transborder	142	33	3	8	69	0	29
Other international	176	55	7	8	74	0	32
Total	1,661	1,131	71	17	180	121	141

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	5,298	4,632	366	39	171	36	54
Transborder	824	717	8	2	80	0	17
Other international	535	520	0	2	4	0	9
Total	6,657	5,869	374	43	255	36	80
Hamilton							
Domestic	1,283	881	102	8	164	120	8
Transborder	594	465	29	0	100	0	0
Other international	63	53	7	0	3	0	0
Total	1,940	1,399	138	8	267	120	8
Kelowna							
Domestic	3,713	2,471	332	328	458	84	40
Transborder	212	169	9	2	32	0	0
Other international	26	26	0	0	0	0	0
Total	3,951	2,666	341	330	490	84	40
Kitchener/Waterloo							
Domestic	3,605	311	2,413	48	818	8	7
Transborder	170	31	33	2	102	0	2
Other international	1	0	0	0	1	0	0
Total	3,776	342	2,446	50	921	8	9
Langley							
Domestic	3,244	10	133	1,252	1,047	17	785
Transborder	6	0	0	1	5	0	0
Other international	0	0	0	0	0	0	0
Total	3,250	10	133	1,253	1,052	17	785
London							
Domestic	3,086	882	293	1,330	516	59	6
Transborder	217	149	11	3	49	0	5
Other international	16	16	0	0	0	0	0
Total	3,319	1,047	304	1,333	565	59	11
Moncton/Greater Moncton International							
Domestic	3,017	1,522	1,281	7	77	124	6
Transborder	78	72	0	0	6	0	0
Other international	43	42	0	0	1	0	0
Total	3,138	1,636	1,281	7	84	124	6
Montréal/Pierre Elliott Trudeau International							
Domestic	10,528	9,158	595	50	554	166	5
Transborder	6,131	5,556	186	23	365	0	1
Other international	2,281	2,220	25	8	26	1	1
Total	18,940	16,934	806	81	945	167	7
Montréal/St-Hubert							
Domestic	5,273	2,139	708	1,397	903	71	55
Transborder	135	13	6	1	113	2	0
Other international	1	0	0	1	0	0	0
Total	5,409	2,152	714	1,399	1,016	73	55
Oshawa							
Domestic	2,765	29	322	1,654	687	69	4
Transborder	38	2	6	1	29	0	0
Other international	1	0	0	0	1	0	0
Total	2,804	31	328	1,655	717	69	4
Ottawa/Macdonald-Cartier International							
Domestic	7,625	5,705	251	1,197	196	195	81
Transborder	2,251	2,062	21	19	127	13	9
Other international	308	292	2	0	3	0	11
Total	10,184	8,059	274	1,216	326	208	101

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	3,101	2	1,188	514	1,371	26	0
Transborder	18	0	0	1	17	0	0
Other international	0	0	0	0	0	0	0
Total	3,119	2	1,188	515	1,388	26	0
Prince George							
Domestic	1,994	1,136	443	21	310	78	6
Transborder	4	0	0	0	4	0	0
Other international	9	7	2	0	0	0	0
Total	2,007	1,143	445	21	314	78	6
Québec/Jean Lesage International							
Domestic	6,785	3,409	1,873	283	812	359	49
Transborder	626	570	14	3	39	0	0
Other international	270	263	2	0	5	0	0
Total	7,681	4,242	1,889	286	856	359	49
Regina International							
Domestic	2,711	1,729	409	38	327	180	28
Transborder	398	335	14	1	47	0	1
Other international	61	60	0	0	1	0	0
Total	3,170	2,124	423	39	375	180	29
Saskatoon/John G. Diefenbaker International							
Domestic	4,742	2,928	806	236	417	262	93
Transborder	325	279	11	0	35	0	0
Other international	48	48	0	0	0	0	0
Total	5,115	3,255	817	236	452	262	93
Sault Ste. Marie							
Domestic	2,754	1,050	105	1,372	127	95	5
Transborder	13	1	1	0	9	0	2
Other international	4	4	0	0	0	0	0
Total	2,771	1,055	106	1,372	136	95	7
St. John's International							
Domestic	2,841	2,297	304	0	71	141	28
Transborder	192	92	2	6	42	0	50
Other international	212	116	5	8	29	0	54
Total	3,245	2,505	311	14	142	141	132
St-Jean							
Domestic	1,187	6	136	61	455	0	529
Transborder	2	0	0	0	2	0	0
Other international	0	0	0	0	0	0	0
Total	1,189	6	136	61	457	0	529
Thunder Bay							
Domestic	5,302	3,304	236	1,349	264	99	50
Transborder	39	11	0	0	28	0	0
Other international	14	14	0	0	0	0	0
Total	5,355	3,329	236	1,349	292	99	50
Toronto/Billy Bishop Toronto City							
Domestic	5,614	3,736	542	932	384	11	9
Transborder	1,453	1,356	8	13	76	0	0
Other international	0	0	0	0	0	0	0
Total	7,067	5,092	550	945	460	11	9
Toronto/Buttonville Municipal							
Domestic	5,689	215	3,395	63	1,969	40	7
Transborder	211	25	26	7	152	1	0
Other international	3	2	0	0	0	1	0
Total	5,903	242	3,421	70	2,121	42	7

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	14,056	13,342	294	19	373	20	8
Transborder	15,678	14,695	270	11	700	0	2
Other international	5,515	5,417	53	5	40	0	0
Total	35,249	33,454	617	35	1,113	20	10
Vancouver Harbour							
Domestic	4,690	4,299	365	0	23	0	3
Transborder	4	2	0	0	2	0	0
Other international	0	0	0	0	0	0	0
Total	4,694	4,301	365	0	25	0	3
Vancouver International							
Domestic	17,226	15,271	1,187	68	454	227	19
Transborder	4,413	4,124	32	21	233	0	3
Other international	1,489	1,472	5	2	10	0	0
Total	23,128	20,867	1,224	91	697	227	22
Victoria International							
Domestic	6,364	2,433	2,185	315	1,258	12	161
Transborder	564	425	19	0	119	0	1
Other international	21	21	0	0	0	0	0
Total	6,949	2,879	2,204	315	1,377	12	162
Whitehorse International							
Domestic	1,428	760	422	2	203	26	15
Transborder	50	0	2	0	35	0	13
Other international	4	1	1	0	2	0	0
Total	1,482	761	425	2	240	26	28
Windsor							
Domestic	1,325	516	530	60	211	8	0
Transborder	73	16	27	9	19	0	2
Other international	6	0	1	0	5	0	0
Total	1,404	532	558	69	235	8	2
Winnipeg/James Armstrong Richardson International							
Domestic	8,491	7,241	236	19	221	556	218
Transborder	1,196	1,090	13	10	75	0	8
Other international	101	98	0	0	3	0	0
Total	9,788	8,429	249	29	299	556	226
Winnipeg/St. Andrews							
Domestic	2,871	606	1,273	644	344	1	3
Transborder	8	2	0	1	5	0	0
Other international	0	0	0	0	0	0	0
Total	2,879	608	1,273	645	349	1	3
Yellowknife							
Domestic	4,041	3,355	514	0	74	42	56
Transborder	3	3	0	0	0	0	0
Other international	3	1	0	0	0	0	2
Total	4,047	3,359	514	0	74	42	58
Total of NAV CANADA towers (42)							
Domestic	204,683	121,685	33,191	21,067	21,570	4,040	3,130
Transborder	41,159	36,667	926	187	3,207	17	155
Other international	12,174	11,701	113	34	213	2	111
Total	258,016	170,053	34,230	21,288	24,990	4,059	3,396

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	861	127	212	21	248	77	176
Transborder	14	1	2	0	11	0	0
Other international	10	0	0	0	8	2	0
Total	885	128	214	21	267	79	176
Campbell River							
Domestic	1,055	580	114	145	205	6	5
Transborder	26	0	0	0	26	0	0
Other international	0	0	0	0	0	0	0
Total	1,081	580	114	145	231	6	5
Castlegar							
Domestic	788	242	33	466	35	2	10
Transborder	4	0	0	0	4	0	0
Other international	0	0	0	0	0	0	0
Total	792	242	33	466	39	2	10
Charlottetown							
Domestic	744	582	43	1	78	8	32
Transborder	10	0	0	0	10	0	0
Other international	8	8	0	0	0	0	0
Total	762	590	43	1	88	8	32
Churchill							
Domestic	716	693	10	0	0	10	3
Transborder	0	0	0	0	0	0	0
Other international	1	0	0	0	0	0	1
Total	717	693	10	0	0	10	4
Cranbrook							
Domestic	769	545	37	40	138	0	9
Transborder	13	2	5	0	6	0	0
Other international	0	0	0	0	0	0	0
Total	782	547	42	40	144	0	9
Deer Lake							
Domestic	1,312	1,168	60	0	20	49	15
Transborder	0	0	0	0	0	0	0
Other international	8	8	0	0	0	0	0
Total	1,320	1,176	60	0	20	49	15
Fort Nelson							
Domestic	1,598	513	919	0	130	2	34
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	1,598	513	919	0	130	2	34
Fort St. John							
Domestic	1,403	732	383	0	276	8	4
Transborder	5	1	0	0	4	0	0
Other international	0	0	0	0	0	0	0
Total	1,408	733	383	0	280	8	4
Grande Prairie							
Domestic	1,953	1,029	438	76	380	28	2
Transborder	5	0	0	0	5	0	0
Other international	0	0	0	0	0	0	0
Total	1,958	1,029	438	76	385	28	2
High Level							
Domestic	703	408	227	2	51	15	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	703	408	227	2	51	15	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	438	313	76	0	11	36	2
Transborder	0	0	0	0	0	0	0
Other international	2	2	0	0	0	0	0
Total	440	315	76	0	11	36	2
Inuvik/Mike Zubko							
Domestic	721	556	125	0	3	14	23
Transborder	3	0	0	0	3	0	0
Other international	0	0	0	0	0	0	0
Total	724	556	125	0	6	14	23
Iqaluit							
Domestic	1,448	1,260	84	36	19	30	19
Transborder	21	7	0	2	12	0	0
Other international	46	15	2	3	23	0	3
Total	1,515	1,282	86	41	54	30	22
Kamloops							
Domestic	1,753	920	311	155	291	55	21
Transborder	7	1	0	0	5	0	1
Other international	0	0	0	0	0	0	0
Total	1,760	921	311	155	296	55	22
Kenora							
Domestic	905	571	176	7	45	46	60
Transborder	3	0	0	0	0	0	3
Other international	0	0	0	0	0	0	0
Total	908	571	176	7	45	46	63
Kingston							
Domestic	1,557	483	308	336	375	25	30
Transborder	28	1	5	0	22	0	0
Other international	2	0	2	0	0	0	0
Total	1,587	484	315	336	397	25	30
Kuujuuaq							
Domestic	914	794	52	22	14	28	4
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	914	794	52	22	14	28	4
La Grande Rivière							
Domestic	724	570	117	6	21	10	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	724	570	117	6	21	10	0
La Ronge							
Domestic	1,558	1,379	18	0	36	125	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	1,558	1,379	18	0	36	125	0
Lethbridge							
Domestic	1,080	423	43	340	231	12	31
Transborder	71	1	5	7	58	0	0
Other international	1	0	1	0	0	0	0
Total	1,152	424	49	347	289	12	31
Lloydminster							
Domestic	746	207	257	35	233	4	10
Transborder	2	2	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	748	209	257	35	233	4	10

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	1,071	513	175	168	186	12	17
Transborder	8	3	2	0	3	0	0
Other international	0	0	0	0	0	0	0
Total	1,079	516	177	168	189	12	17
Mont-Joli							
Domestic	586	416	102	14	26	16	12
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	586	416	102	14	26	16	12
Montréal/Mirabel International							
Domestic	794	487	92	6	204	1	4
Transborder	198	183	0	0	15	0	0
Other international	9	9	0	0	0	0	0
Total	1,001	679	92	6	219	1	4
Nanaimo							
Domestic	1,540	358	427	13	699	18	25
Transborder	22	1	0	0	21	0	0
Other international	0	0	0	0	0	0	0
Total	1,562	359	427	13	720	18	25
Norman Wells							
Domestic	2,254	620	1,613	1	13	6	1
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	2,254	620	1,613	1	13	6	1
North Bay							
Domestic	1,766	616	385	249	374	30	112
Transborder	23	5	8	0	8	0	2
Other international	1	1	0	0	0	0	0
Total	1,790	622	393	249	382	30	114
Ottawa/Gatineau							
Domestic	1,316	130	302	138	685	24	37
Transborder	1	0	0	0	1	0	0
Other international	1	0	0	0	1	0	0
Total	1,318	130	302	138	687	24	37
Peace River							
Domestic	584	348	186	8	34	6	2
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
Total	585	348	186	8	35	6	2
Penticton							
Domestic	951	303	217	16	354	30	31
Transborder	7	2	1	0	4	0	0
Other international	0	0	0	0	0	0	0
Total	958	305	218	16	358	30	31
Port Hardy							
Domestic	773	591	35	2	81	54	10
Transborder	14	0	0	0	14	0	0
Other international	0	0	0	0	0	0	0
Total	787	591	35	2	95	54	10
Prince Albert							
Domestic	1,620	1,296	32	8	88	154	42
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	1,620	1,296	32	8	88	154	42

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	267	239	12	0	8	8	0
Transborder	5	0	0	0	5	0	0
Other international	0	0	0	0	0	0	0
Total	272	239	12	0	13	8	0
Rankin Inlet							
Domestic	1,017	941	10	52	4	10	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	1,017	941	10	52	4	10	0
Red Deer Regional							
Domestic	1,480	220	685	90	455	14	16
Transborder	16	2	3	0	11	0	0
Other international	0	0	0	0	0	0	0
Total	1,496	222	688	90	466	14	16
Rouyn-Noranda							
Domestic	1,108	727	199	26	138	18	0
Transborder	3	3	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	1,111	730	199	26	138	18	0
Saint John							
Domestic	1,042	710	34	74	215	7	2
Transborder	76	0	0	2	74	0	0
Other international	27	24	0	0	3	0	0
Total	1,145	734	34	76	292	7	2
Sept-Îles							
Domestic	2,235	1,400	602	36	125	60	12
Transborder	7	2	0	1	4	0	0
Other international	3	2	0	0	1	0	0
Total	2,245	1,404	602	37	130	60	12
Sioux Lookout							
Domestic	2,569	2,141	198	134	20	52	24
Transborder	1	0	0	1	0	0	0
Other international	0	0	0	0	0	0	0
Total	2,570	2,141	198	135	20	52	24
Smithers							
Domestic	491	375	60	0	41	15	0
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
Total	492	375	60	0	42	15	0
St. Catharines							
Domestic	1,767	2	868	24	838	22	13
Transborder	54	2	8	0	44	0	0
Other international	0	0	0	0	0	0	0
Total	1,821	4	876	24	882	22	13
Sudbury							
Domestic	2,798	1,918	294	90	349	133	14
Transborder	11	2	0	1	8	0	0
Other international	0	0	0	0	0	0	0
Total	2,809	1,920	294	91	357	133	14
Terrace							
Domestic	1,010	579	374	2	34	21	0
Transborder	3	0	0	0	3	0	0
Other international	0	0	0	0	0	0	0
Total	1,013	579	374	2	37	21	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	2,717	2,189	323	8	28	169	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	2,717	2,189	323	8	28	169	0
Timmins							
Domestic	2,086	1,800	92	16	108	70	0
Transborder	2	0	0	0	2	0	0
Other international	0	0	0	0	0	0	0
Total	2,088	1,800	92	16	110	70	0
Val-d'Or							
Domestic	1,268	807	177	6	248	24	6
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	1,268	807	177	6	248	24	6
Victoria Harbour							
Domestic	2,506	2,389	14	1	6	94	2
Transborder	281	281	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	2,787	2,670	14	1	6	94	2
Wabush							
Domestic	1,804	1,319	350	14	95	26	0
Transborder	2	0	0	0	2	0	0
Other international	0	0	0	0	0	0	0
Total	1,806	1,319	350	14	97	26	0
Whitecourt							
Domestic	632	40	473	17	96	2	4
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	632	40	473	17	96	2	4
Williams Lake							
Domestic	620	415	32	6	143	18	6
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	620	415	32	6	143	18	6
Total of all flight service stations (51)							
Domestic	64,418	37,984	12,406	2,907	8,535	1,704	882
Transborder	948	502	39	14	387	0	6
Other international	119	69	5	3	36	2	4
Total	65,485	38,555	12,450	2,924	8,958	1,706	892

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	8	11,635	7	13	96	7	567
Boundary Bay	5	12,601	20	11	121	29	677
Calgary International	4	18,786	19	18	58	24	744
Calgary/Springbank	12	11,212	15	13	104	3	717
Chicoutimi/St-Honoré	25	6,306	25	9	84	3	478
Edmonton City Centre	35	4,466	15	15	31	21	215
Edmonton International	11	11,259	19	15	44	17	465
Edmonton/Villeneuve	29	5,540	17	15	86	28	424
Fort McMurray	24	6,394	18	15	56	12	395
Fredericton International	27	6,202	3	21	68	1	443
Gander International	41	2,401	1	23	30	2	186
Halifax/Robert L. Stanfield International	22	6,927	26	17	25	20	286
Hamilton	40	2,884	20	10	31	13	164
Kelowna	23	6,621	27	13	50	10	312
Kitchener/Waterloo	18	8,702	2	11	101	18	756
Langley	26	6,230	12	14	74	21	352
London	28	5,787	18	21	60	13	411
Moncton/Greater Moncton International	31	4,930	26	17	57	26	373
Montréal/Pierre Elliott Trudeau International	3	19,088	27	18	62	27	746
Montréal/St-Hubert	9	11,587	30	14	130	30	1,506
Oshawa	32	4,794	17	16	54	18	429
Ottawa/Macdonald-Cartier International	7	12,058	18	11	74	18	625
Pitt Meadows	15	9,151	21	12	108	21	628
Prince George	34	4,485	23	16	64	21	249
Québec/Jean Lesage International	10	11,557	3	16	89	18	684
Regina International	36	4,176	5	15	51	18	256
Saskatoon/John G. Diefenbaker International	20	7,137	23	16	63	4	409
Sault Ste. Marie	21	7,055	6	18	84	6	473
St. John's International	37	3,313	16	17	15	11	139
St-Jean	39	2,885	13	13	56	28	321
Thunder Bay	17	8,717	11	13	88	11	686
Toronto/Billy Bishop Toronto City	16	8,757	25	21	67	28	477
Toronto/Buttonville Municipal	6	12,305	28	12	136	28	898
Toronto/Lester B. Pearson International	1	35,409	5	18	102	5	1,288
Vancouver Harbour	33	4,702	20	16	29	20	212
Vancouver International	2	23,206	10	8	73	27	872
Victoria International	14	11,027	17	13	71	4	548
Whitehorse International	38	3,022	17	16	51	19	291
Windsor	42	2,030	29	11	31	27	151
Winnipeg/James Armstrong Richardson International	13	11,168	27	10	50	18	468
Winnipeg/St. Andrews	19	7,719	18	13	79	4	545
Yellowknife	30	5,189	13	16	45	13	265

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	26	1,664	26	11	37	26	162
Campbell River	30	1,541	5	12	22	5	119
Castlegar	35	1,290	14	15	56	14	102
Charlottetown	42	846	26	18	10	27	50
Churchill	46	719	24	14	8	4	41
Cranbrook	40	882	22	10	19	2	50
Deer Lake	32	1,400	3	16	28	3	80
Fort Nelson	23	1,760	19	14	36	24	151
Fort St. John	21	1,784	3	11	37	18	125
Grande Prairie	8	2,976	8	14	53	11	183
High Level	37	1,029	21	9	51	21	159
Îles-de-la-Madeleine	50	440	24	14	7	20	22
Inuvik/Mike Zubko	44	746	23	16	18	23	53
Iqaluit	29	1,559	23	14	13	23	77
Kamloops	6	3,061	21	11	40	21	181
Kenora	28	1,590	12	14	42	4	231
Kingston	12	2,741	29	12	55	3	213
Kuuujuaq	39	1,012	28	14	20	23	70
La Grande Rivière	45	742	30	9	11	30	48
La Ronge	18	1,862	9	14	19	18	116
Lethbridge	20	1,788	23	20	36	11	134
Lloydminster	31	1,476	2	16	31	11	125
Medicine Hat	25	1,707	19	18	37	22	126
Mont-Joli	49	586	16	18	7	24	33
Montréal/Mirabel International	7	3,019	18	9	63	18	233
Nanaimo	15	2,394	21	14	38	21	226
Norman Wells	14	2,628	5	18	24	14	132
North Bay	1	4,394	11	10	61	18	335
Ottawa/Gatineau	4	3,438	14	14	62	14	270
Peace River	48	629	3	16	11	3	58
Penticton	17	2,032	19	21	47	19	190
Port Hardy	41	873	26	10	27	26	93
Prince Albert	24	1,712	19	13	23	19	126
Prince Rupert	51	280	17	12	6	30	20
Rankin Inlet	38	1,017	13	12	10	13	53
Red Deer Regional	2	4,022	13	14	71	12	259
Rouyn-Noranda	36	1,201	13	20	15	13	65
Saint John	27	1,655	16	14	38	19	123
Sept-Îles	11	2,753	3	16	36	13	171
Sioux Lookout	13	2,670	12	16	27	12	142
Smithers	47	638	18	14	38	18	66
St. Catharines	5	3,401	29	15	72	29	479
Sudbury	3	3,785	12	19	46	13	292
Terrace	33	1,371	12	17	43	5	102
Thompson	10	2,761	17	16	16	13	144
Timmins	16	2,134	5	18	19	5	118
Val-d'Or	22	1,772	12	15	45	13	171
Victoria Harbour	9	2,801	20	17	24	19	155
Wabush	19	1,831	30	20	18	30	106
Whitecourt	34	1,356	19	12	34	19	142
Williams Lake	43	766	11	17	17	21	59

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	3,683	17	10	28	9	179
Boundary Bay	16	4,729	14	15	42	7	324
Calgary International	4	18,618	19	18	58	24	742
Calgary/Springbank	19	4,248	22	13	39	21	277
Chicoutimi/St-Honoré	37	1,794	3	14	19	18	129
Edmonton City Centre	20	4,094	21	15	29	21	209
Edmonton International	5	10,827	17	7	40	17	445
Edmonton/Villeneuve	41	1,296	22	15	32	28	210
Fort McMurray	18	4,372	4	15	21	18	223
Fredericton International	31	3,084	1	11	20	1	197
Gander International	38	1,661	16	10	12	21	96
Halifax/Robert L. Stanfield International	11	6,657	26	17	25	26	265
Hamilton	36	1,940	17	7	11	4	116
Kelowna	22	3,951	19	14	20	17	170
Kitchener/Waterloo	23	3,776	28	11	46	28	342
Langley	26	3,250	21	11	45	21	316
London	25	3,319	7	13	22	13	205
Moncton/Greater Moncton International	29	3,138	25	11	16	26	191
Montréal/Pierre Elliott Trudeau International	3	18,940	27	18	62	5	715
Montréal/St-Hubert	13	5,409	30	11	42	30	478
Oshawa	33	2,804	17	16	32	18	239
Ottawa/Macdonald-Cartier International	6	10,184	5	16	37	18	433
Pitt Meadows	30	3,119	7	13	44	7	278
Prince George	35	2,007	25	16	14	25	97
Québec/Jean Lesage International	8	7,681	13	11	36	13	378
Regina International	28	3,170	23	13	17	18	154
Saskatoon/John G. Diefenbaker International	15	5,115	24	14	30	18	256
Sault Ste. Marie	34	2,771	12	17	18	2	150
St. John's International	27	3,245	11	6	13	11	137
St-Jean	42	1,189	14	12	31	14	245
Thunder Bay	14	5,355	4	14	30	4	292
Toronto/Billy Bishop Toronto City	9	7,067	7	14	34	18	319
Toronto/Buttonville Municipal	12	5,903	13	18	41	13	394
Toronto/Lester B. Pearson International	1	35,249	5	18	102	5	1,284
Vancouver Harbour	17	4,694	20	16	29	20	212
Vancouver International	2	23,128	10	8	73	27	872
Victoria International	10	6,949	14	15	37	20	318
Whitehorse International	39	1,482	24	14	12	25	75
Windsor	40	1,404	7	12	14	29	96
Winnipeg/James Armstrong Richardson International	7	9,788	5	15	36	24	409
Winnipeg/St. Andrews	32	2,879	4	13	24	4	185
Yellowknife	21	4,047	17	11	23	12	182

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	885	28	10	28	28	102
Campbell River	27	1,081	14	16	11	7	56
Castlegar	36	792	14	9	10	12	49
Charlottetown	39	762	27	15	10	27	50
Churchill	43	717	6	9	6	4	41
Cranbrook	38	782	6	11	10	8	37
Deer Lake	21	1,320	2	8	10	11	61
Fort Nelson	14	1,598	10	9	24	24	151
Fort St. John	20	1,408	18	8	12	4	81
Grande Prairie	8	1,958	16	17	14	16	94
High Level	44	703	2	16	9	18	39
Îles-de-la-Madeleine	50	440	24	14	7	20	22
Inuvik/Mike Zubko	41	724	11	14	7	25	49
Iqaluit	18	1,515	9	14	12	23	75
Kamloops	12	1,760	21	11	12	27	93
Kenora	34	908	18	15	9	4	59
Kingston	15	1,587	30	11	14	13	99
Kuujuuaq	33	914	30	16	9	23	48
La Grande Rivière	42	724	18	13	9	30	44
La Ronge	17	1,558	18	8	17	18	94
Lethbridge	24	1,152	28	12	11	21	71
Lloydminster	40	748	2	18	10	4	54
Medicine Hat	28	1,079	4	15	12	21	66
Mont-Joli	47	586	16	18	7	24	33
Montréal/Mirabel International	31	1,001	26	8	10	26	74
Nanaimo	16	1,562	7	12	23	7	94
Norman Wells	5	2,254	5	18	24	2	120
North Bay	11	1,790	13	14	19	13	121
Ottawa/Gatineau	22	1,318	12	15	18	14	104
Peace River	48	585	3	16	9	3	38
Penticton	32	958	29	10	22	29	86
Port Hardy	37	787	26	10	27	26	93
Prince Albert	13	1,620	19	15	14	19	100
Prince Rupert	51	272	30	17	6	30	20
Rankin Inlet	29	1,017	13	12	10	13	53
Red Deer Regional	19	1,496	21	11	18	21	105
Rouyn-Noranda	26	1,111	3	16	9	17	65
Saint John	25	1,145	15	11	11	19	67
Sept-Îles	6	2,245	12	16	19	30	113
Sioux Lookout	4	2,570	12	8	21	16	127
Smithers	49	492	5	10	7	18	34
St. Catharines	9	1,821	28	11	44	29	325
Sudbury	1	2,809	12	18	22	13	168
Terrace	30	1,013	19	15	14	26	79
Thompson	3	2,717	17	16	16	12	129
Timmins	7	2,088	5	9	12	5	106
Val-d'Or	23	1,268	18	14	10	12	77
Victoria Harbour	2	2,787	20	17	24	19	153
Wabush	10	1,806	3	16	13	30	98
Whitecourt	45	632	23	15	10	19	52
Williams Lake	46	620	8	11	6	9	35

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	1	7,952	7	13	82	7	444
Boundary Bay	2	7,872	20	11	98	29	478
Calgary International	37	168	21	11	20	21	40
Calgary/Springbank	3	6,964	15	13	92	3	520
Chicoutimi/St-Honoré	9	4,512	25	9	74	3	360
Edmonton City Centre	35	372	15	15	18	19	38
Edmonton International	34	432	20	14	16	16	40
Edmonton/Villeneuve	11	4,244	17	15	84	30	268
Fort McMurray	21	2,022	18	15	40	12	216
Fredericton International	15	3,118	3	21	62	2	258
Gander International	32	740	1	23	26	2	98
Halifax/Robert L. Stanfield International	36	270	6	20	10	18	24
Hamilton	31	944	20	10	20	5	64
Kelowna	17	2,670	2	9	38	11	156
Kitchener/Waterloo	7	4,926	2	11	84	18	438
Langley	16	2,980	12	14	54	13	174
London	19	2,468	18	21	50	18	220
Moncton/Greater Moncton International	24	1,792	26	17	42	25	186
Montréal/Pierre Elliott Trudeau International	39	148	27	11	24	26	60
Montréal/St-Hubert	5	6,178	30	14	94	30	1,028
Oshawa	22	1,990	17	14	40	18	190
Ottawa/Macdonald-Cartier International	23	1,874	18	11	46	18	192
Pitt Meadows	6	6,032	21	12	78	21	408
Prince George	18	2,478	23	16	58	14	184
Québec/Jean Lesage International	13	3,876	3	16	56	18	306
Regina International	30	1,006	5	15	36	18	102
Saskatoon/John G. Diefenbaker International	20	2,022	4	9	40	4	158
Sault Ste. Marie	10	4,284	6	18	76	6	368
St. John's International	41	68	3	19	4	5	8
St-Jean	25	1,696	13	13	48	12	142
Thunder Bay	14	3,362	15	12	70	11	426
Toronto/Billy Bishop Toronto City	26	1,690	28	15	44	28	248
Toronto/Buttonville Municipal	4	6,402	28	12	100	25	538
Toronto/Lester B. Pearson International	38	160	28	10	20	22	42
Vancouver Harbour	42	8	9	15	4	9	6
Vancouver International	40	78	28	9	30	28	40
Victoria International	12	4,078	17	13	50	4	250
Whitehorse International	27	1,540	17	16	50	19	226
Windsor	33	626	1	12	22	27	80
Winnipeg/James Armstrong Richardson International	28	1,380	26	10	26	18	80
Winnipeg/St. Andrews	8	4,840	18	13	64	4	360
Yellowknife	29	1,142	8	13	24	13	90

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	12	779	26	11	32	26	128
Campbell River	22	460	5	12	16	5	74
Castlegar	21	498	14	15	52	14	64
Charlottetown	37	84	1	19	6	20	14
Churchill	48	2	24	14	2	24	2
Cranbrook	32	100	22	10	16	22	20
Deer Lake	38	80	3	16	24	3	30
Fort Nelson	28	162	19	14	30	19	44
Fort St. John	23	376	27	10	28	27	68
Grande Prairie	9	1,018	8	14	46	11	102
High Level	26	326	21	9	48	21	136
Îles-de-la-Madeleine	0	0	0	0	0	0	0
Inuvik/Mike Zubko	44	22	23	16	16	23	16
Iqaluit	41	44	3	18	4	3	8
Kamloops	6	1,301	21	11	28	28	108
Kenora	15	682	12	14	40	4	172
Kingston	7	1,154	29	12	42	3	136
Kuuujuaq	33	98	28	14	18	23	22
La Grande Rivière	45	18	22	12	4	21	4
La Ronge	27	304	9	14	14	9	26
Lethbridge	16	636	23	20	32	11	74
Lloydminster	13	728	2	16	26	11	92
Medicine Hat	17	628	19	18	32	22	70
Mont-Joli	0	0	0	0	0	0	0
Montréal/Mirabel International	4	2,018	18	9	60	18	178
Nanaimo	11	832	21	14	30	21	162
Norman Wells	24	374	26	15	14	26	58
North Bay	1	2,604	11	10	56	18	244
Ottawa/Gatineau	3	2,120	13	9	52	13	166
Peace River	42	44	3	20	10	3	20
Penticton	8	1,074	19	21	42	19	148
Port Hardy	36	86	9	13	8	9	14
Prince Albert	34	92	19	13	10	19	26
Prince Rupert	47	8	17	12	4	17	8
Rankin Inlet	0	0	0	0	0	0	0
Red Deer Regional	2	2,526	13	14	68	12	218
Rouyn-Noranda	35	90	30	21	14	19	22
Saint John	18	510	16	14	30	18	58
Sept-Îles	19	508	14	10	26	14	80
Sioux Lookout	31	100	9	10	16	9	20
Smithers	30	146	13	9	32	19	44
St. Catharines	5	1,580	29	19	48	29	154
Sudbury	10	976	12	19	36	13	124
Terrace	25	358	12	17	40	28	56
Thompson	40	44	13	5	8	13	22
Timmins	39	46	8	20	14	8	18
Val-d'Or	20	504	12	15	40	13	96
Victoria Harbour	46	14	10	16	6	10	6
Wabush	43	25	25	19	11	25	17
Whitecourt	14	724	19	11	28	19	90
Williams Lake	29	146	15	20	16	21	30

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	1	7,952	7	13	82	7	444
Boundary Bay	2	7,872	20	11	98	29	478
Calgary International	37	168	21	11	20	21	40
Calgary/Springbank	3	6,964	15	13	92	3	520
Chicoutimi/St-Honoré	9	4,498	25	9	74	3	360
Edmonton City Centre	35	372	15	15	18	19	38
Edmonton International	34	404	20	14	16	16	36
Edmonton/Villeneuve	11	4,244	17	15	84	30	268
Fort McMurray	20	2,014	18	15	40	12	216
Fredericton International	15	3,112	3	21	62	2	258
Gander International	32	740	1	23	26	2	98
Halifax/Robert L. Stanfield International	36	266	6	20	10	18	24
Hamilton	30	934	20	10	20	5	64
Kelowna	17	2,624	2	9	38	11	156
Kitchener/Waterloo	7	4,926	2	11	84	18	438
Langley	16	2,980	12	14	54	13	174
London	19	2,460	18	21	50	18	220
Moncton/Greater Moncton International	24	1,786	26	17	42	25	186
Montréal/Pierre Elliott Trudeau International	39	146	27	11	24	26	60
Montréal/St-Hubert	5	6,178	30	14	94	30	1,028
Oshawa	21	1,990	17	14	40	18	190
Ottawa/Macdonald-Cartier International	23	1,856	18	11	44	18	188
Pitt Meadows	6	6,032	21	12	78	21	408
Prince George	18	2,462	23	16	58	21	180
Québec/Jean Lesage International	13	3,876	3	16	56	18	306
Regina International	31	848	5	15	36	18	100
Saskatoon/John G. Diefenbaker International	22	1,888	4	9	40	4	156
Sault Ste. Marie	10	4,272	6	18	76	6	358
St. John's International	41	68	3	19	4	5	8
St-Jean	25	1,696	13	13	48	12	142
Thunder Bay	14	3,354	15	12	70	11	426
Toronto/Billy Bishop Toronto City	26	1,690	28	15	44	28	248
Toronto/Buttonville Municipal	4	6,402	28	12	100	25	538
Toronto/Lester B. Pearson International	38	160	28	10	20	22	42
Vancouver Harbour	42	8	9	15	4	9	6
Vancouver International	40	78	28	9	30	28	40
Victoria International	12	4,076	17	13	50	4	250
Whitehorse International	27	1,538	17	16	50	19	226
Windsor	33	624	1	12	22	27	80
Winnipeg/James Armstrong Richardson International	28	1,380	26	10	26	18	80
Winnipeg/St. Andrews	8	4,840	18	13	64	4	360
Yellowknife	29	1,142	8	13	24	13	90

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	12	765	26	11	32	26	128
Campbell River	22	460	5	12	16	5	74
Castlegar	21	492	14	15	52	14	64
Charlottetown	38	78	1	19	6	20	14
Churchill	48	2	24	14	2	24	2
Cranbrook	31	100	22	10	16	22	20
Deer Lake	37	80	3	16	24	3	30
Fort Nelson	28	162	19	14	30	19	44
Fort St. John	23	376	27	10	28	27	68
Grande Prairie	9	1,008	8	14	46	11	102
High Level	26	326	21	9	48	21	136
Îles-de-la-Madeleine	0	0	0	0	0	0	0
Inuvik/Mike Zubko	45	14	23	16	8	23	8
Iqaluit	40	44	3	18	4	3	8
Kamloops	6	1,299	21	11	28	28	108
Kenora	16	620	4	11	34	4	172
Kingston	7	1,144	29	12	42	3	136
Kuuujuaq	33	98	28	14	18	23	22
La Grande Rivière	44	18	22	12	4	21	4
La Ronge	27	304	9	14	14	9	26
Lethbridge	17	586	19	18	28	11	58
Lloydminster	13	728	2	16	26	11	92
Medicine Hat	15	628	19	18	32	22	70
Mont-Joli	0	0	0	0	0	0	0
Montréal/Mirabel International	4	2,004	18	9	60	18	178
Nanaimo	11	832	21	14	30	21	162
Norman Wells	24	374	26	15	14	26	58
North Bay	1	2,604	11	10	56	18	244
Ottawa/Gatineau	3	2,110	13	9	52	13	166
Peace River	41	44	3	20	10	3	20
Penticton	8	1,072	19	21	42	19	148
Port Hardy	36	86	9	13	8	9	14
Prince Albert	35	88	19	13	10	19	26
Prince Rupert	47	8	17	12	4	17	8
Rankin Inlet	0	0	0	0	0	0	0
Red Deer Regional	2	2,486	13	14	68	12	218
Rouyn-Noranda	34	90	30	21	14	19	22
Saint John	19	508	16	14	30	18	58
Sept-Îles	18	508	14	10	26	14	80
Sioux Lookout	32	100	9	10	16	9	20
Smithers	29	146	13	9	32	19	44
St. Catharines	5	1,580	29	19	48	29	154
Sudbury	10	976	12	19	36	13	124
Terrace	25	358	12	17	40	28	56
Thompson	42	44	13	5	8	13	22
Timmins	39	46	8	20	14	8	18
Val-d'Or	20	504	12	15	40	13	96
Victoria Harbour	46	14	10	16	6	10	6
Wabush	43	25	25	19	11	25	17
Whitecourt	14	724	19	11	28	19	90
Williams Lake	30	146	15	20	16	21	30

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	7	14	28	13	10	28	14
Edmonton City Centre	0	0	0	0	0	0	0
Edmonton International	4	28	11	15	4	11	6
Edmonton/Villeneuve	0	0	0	0	0	0	0
Fort McMurray	10	8	4	15	8	4	8
Fredericton International	13	6	13	13	2	13	2
Gander International	0	0	0	0	0	0	0
Halifax/Robert L. Stanfield International	15	4	25	9	2	25	4
Hamilton	9	10	28	16	6	28	6
Kelowna	3	46	27	13	24	27	34
Kitchener/Waterloo	0	0	0	0	0	0	0
Langley	0	0	0	0	0	0	0
London	11	8	28	16	8	28	8
Moncton/Greater Moncton International	14	6	13	10	2	13	2
Montréal/Pierre Elliott Trudeau International	16	2	4	13	2	4	2
Montréal/St-Hubert	0	0	0	0	0	0	0
Oshawa	0	0	0	0	0	0	0
Ottawa/Macdonald-Cartier International	5	18	12	11	4	12	6
Pitt Meadows	0	0	0	0	0	0	0
Prince George	6	16	14	12	14	14	14
Québec/Jean Lesage International	0	0	0	0	0	0	0
Regina International	1	158	5	17	8	3	22
Saskatoon/John G. Diefenbaker International	2	134	11	22	22	11	34
Sault Ste. Marie	8	12	6	9	6	6	10
St. John's International	0	0	0	0	0	0	0
St-Jean	0	0	0	0	0	0	0
Thunder Bay	12	8	8	14	4	8	4
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	19	2	22	13	2	22	2
Whitehorse International	17	2	13	14	2	13	2
Windsor	18	2	28	16	2	28	2
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	4	14	3	9	4	3	4
Campbell River	0	0	0	0	0	0	0
Castlegar	10	6	28	18	4	28	4
Charlottetown	11	6	16	8	2	25	4
Churchill	0	0	0	0	0	0	0
Cranbrook	0	0	0	0	0	0	0
Deer Lake	0	0	0	0	0	0	0
Fort Nelson	0	0	0	0	0	0	0
Fort St. John	0	0	0	0	0	0	0
Grande Prairie	6	10	15	10	6	15	10
High Level	0	0	0	0	0	0	0
Îles-de-la-Madeleine	0	0	0	0	0	0	0
Inuvik/Mike Zubko	9	8	23	16	8	23	8
Iqaluit	0	0	0	0	0	0	0
Kamloops	13	2	23	13	1	23	1
Kenora	1	62	12	14	20	2	30
Kingston	8	10	30	16	8	30	8
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	2	50	23	20	16	19	18
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	5	14	19	12	6	19	6
Nanaimo	0	0	0	0	0	0	0
Norman Wells	0	0	0	0	0	0	0
North Bay	0	0	0	0	0	0	0
Ottawa/Gatineau	7	10	19	10	10	19	10
Peace River	0	0	0	0	0	0	0
Penticton	15	2	24	9	2	24	2
Port Hardy	0	0	0	0	0	0	0
Prince Albert	12	4	21	12	4	21	4
Prince Rupert	0	0	0	0	0	0	0
Rankin Inlet	0	0	0	0	0	0	0
Red Deer Regional	3	40	22	14	26	22	26
Rouyn-Noranda	0	0	0	0	0	0	0
Saint John	14	2	16	9	2	16	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	0	0	0	0	0	0	0

Methodology

Survey universe

Coverage

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

Methodology survey

The Itinerant movement record is designed to capture:

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

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

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

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

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

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

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

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

Data quality and limitations

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

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

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

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

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

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

Appendix I

Factors influencing the data

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.

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.