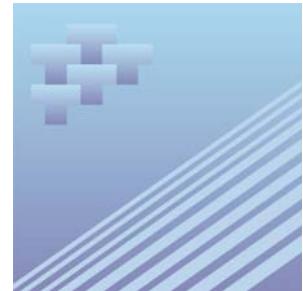


Catalogue no. 51-007-X

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



November 2010



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Statistics Canada  
Transportation Division

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

November 2010

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## Symbols

The following standard symbols are used in Statistics Canada publications:

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

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## Highlights

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- Aircraft take-offs and landings at the 93 Canadian airports with NAVCANADA air traffic control towers and flight service stations decreased 6.3% in November 2010 from November 2009. These airports reported 426,547 movements in November compared with 455,466 movements in November 2009.
- There were 299,114 itinerant movements (flights from one airport to another) reported in November 2010. This represents a 4.8% decrease (-15,189 movements) compared with the same month a year earlier.
- In November 2010, there were 127,433 local movements (flights that remain in the vicinity of the airport) recorded. This represents a decrease of 9.7% (-13,730 movements) compared with the previous year. Montreal/St-Hubert, Quebec recorded the largest gain, increasing by 2,052 local movements (+23.5%).

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

	NAV CANADA towers	Percentage change, November 2009 to November 2010	NAV CANADA Flight Service Stations	Percentage change, November 2009 to November 2010	Total	Percentage change, November 2009 to November 2010
	number	percent	number	percent	number	percent
<b>Grand total</b>	<b>343,065</b>	<b>-5.6</b>	<b>83,482</b>	<b>-9.5</b>	<b>426,547</b>	<b>-6.3</b>
<b>Itinerant movements</b>						
Air carriers	191,111	0.0	47,526	-4.3	238,637	-0.8
Other commercial movements	21,185	-22.2	2,576	-16.2	23,761	-21.6
Private movements	21,323	-15.1	7,376	-10.8	28,699	-14.1
Government civil movements	3,784	-8.5	1,478	-17.8	5,262	-11.4
Government military movements	2,042	-27.8	713	-38.1	2,755	-30.8
Itinerant total	239,445	-4.4	59,669	-6.7	299,114	-4.8
<b>Local movements</b>						
Civil local movements	102,966	-8.0	23,633	-15.2	126,599	-9.4
Military local movements	654	-35.2	180	-54.3	834	-40.6
Local total	103,620	-8.2	23,813	-15.8	127,433	-9.7

## Analysis

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Aircraft take-offs and landings at the 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations decreased 6.3% in November 2010 from November 2009. These airports reported 426,547 movements in November compared with 455,466 movements in November 2009. Toronto/Lester B Pearson International, Ontario (33,305 movements) followed by Vancouver International, British Columbia (21,875 movements) were the most active sites in November 2010. Year-over-year increases were reported by 35 airports.

There were 299,114 itinerant movements (flights from one airport to another) reported in November 2010. This represents a 4.8% decrease (-15,189 movements) compared with the same month a year earlier. The year-over-year variations ranged from an increase of 63.6% (477 movements) at Wabush, Newfoundland and Labrador to a decline of 59.4% (-1,069 movements) at Edmonton/Villeneuve, Alberta. Year-over-year increases in the number of itinerant aircraft movements were reported by 40 airports in November 2010.

In November 2010, there were 127,433 local movements (flights that remain in the vicinity of the airport) recorded. This represents a decrease of 9.7% (-13,730 movements) compared with the previous year. Montreal/St-Hubert, Quebec recorded the largest gain, increasing by 2,052 local movements (+23.5%).

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

There were 249,719 domestic itinerant movements reported in November 2010, down 6.6% (-17,504 movements) from November 2009. Vancouver International, British Columbia (16,141) followed by Calgary International, Alberta (14,586) reported the greatest number of domestic itinerant movements.

Fifty-six airports reported 74,674 transborder itinerant movements (between Canada and the United States) in November 2010, up 4.4% (+3,114 movements) from the previous year. Toronto/Lester B Pearson International, Ontario (15,099) reported the greatest number of transborder itinerant movements. This represents 20.2% of the total transborder itinerant movements.

In November 2010, forty-six airports reported 21,193 other international itinerant movements, down 12.3% (-2,983 movements) from the previous year. Toronto/Lester B Pearson International, Ontario (4,201) recorded the greatest number of other international itinerant movements. This represents 19.8% of the total other international itinerant movements reported.

## Related products

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### Selected publications from Statistics Canada

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51-008-X	Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)
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)

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### Selected CANSIM tables from Statistics Canada

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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 gross 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
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401-0017	Itinerant movements, by instrument flight rules, visual flight rules and runway 88, airports with NAV CANADA flight service stations, monthly
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401-0038	Annual itinerant movements, by weight group and type of power plant, airports without air traffic control towers

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## **Selected surveys from Statistics Canada**

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

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

## **Statistical tables**

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**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	23	5,868	32	2,213	13	3,655
Boundary Bay	14	9,187	24	3,407	4	5,780
Calgary International	3	18,586	3	18,418	38	168
Calgary/Springbank	12	9,478	25	3,299	2	6,179
Chicoutimi/St-Honoré	22	5,889	38	1,665	8	4,224
Edmonton City Centre	28	4,685	18	4,068	31	617
Edmonton International	8	10,676	6	10,287	34	389
Edmonton/Villeneuve	32	3,764	42	732	17	3,032
Fort McMurray	33	3,713	21	3,454	37	259
Fredericton International	21	6,267	27	3,013	16	3,254
Gander International	39	2,593	35	1,838	30	755
Halifax/Robert L Stanfield International	20	6,764	10	6,339	32	425
Hamilton	37	3,151	31	2,227	27	924
Kelowna	26	5,006	20	3,491	23	1,515
Kitchener/Waterloo	16	8,768	19	3,666	6	5,102
Langley	27	4,808	33	2,021	18	2,787
London	11	9,958	14	4,819	5	5,139
Moncton/Greater Moncton International	18	8,308	15	4,726	14	3,582
Montréal/Pierre Elliott Trudeau International	5	17,431	4	17,375	41	56
Montréal/St-Hubert	4	18,399	8	7,597	1	10,802
Oshawa	29	4,664	30	2,381	20	2,283
Ottawa/Macdonald-Cartier International	6	15,277	5	11,232	10	4,045
Pitt Meadows	25	5,187	37	1,689	15	3,498
Prince George	35	3,617	34	1,911	21	1,706
Québec/Jean Lesage International	7	10,810	9	7,059	12	3,751
Regina International	30	4,560	26	3,285	25	1,275
Saskatoon/John G Diefenbaker International	24	5,723	17	4,236	24	1,487
Sault Ste. Marie	36	3,480	36	1,789	22	1,691
St. John's International	34	3,708	23	3,420	36	288
St-Jean	40	2,222	41	1,000	26	1,222
Thunder Bay	17	8,499	16	4,373	9	4,126
Toronto/Billy Bishop Toronto City	19	7,967	11	5,614	19	2,353
Toronto/Buttonville Municipal	10	10,340	13	5,408	7	4,932
Toronto/Lester B Pearson International	1	33,305	1	33,196	39	109
Vancouver Harbour	38	2,725	29	2,723	42	2
Vancouver International	2	21,875	2	21,793	40	82
Victoria International	13	9,358	12	5,600	11	3,758
Whitehorse International	42	1,458	40	1,158	35	300
Windsor	41	1,599	39	1,186	33	413
Winnipeg/James Armstrong Richardson International	9	10,346	7	9,471	28	875
Winnipeg/St. Andrews	15	8,791	28	2,835	3	5,956
Yellowknife	31	4,255	22	3,431	29	824
<b>Total of NAV CANADA towers (42)</b>	.	<b>343,065</b>	.	<b>239,445</b>	.	<b>103,620</b>

**Table 1-2**  
**Total aircraft movements by class of operation — NAV CANADA flight service stations**

	Total		Itinerant		Local	
	Rank of movements	Number of movements	Rank of movements	Number of movements	Rank of movements	Number of movements
Brandon Municipal	34	1,036	41	668	17	368
Campbell River	9	2,383	25	1,082	5	1,301
Castlegar	44	735	49	433	19	302
Charlottetown	27	1,243	28	991	21	252
Churchill	38	1,011	27	1,007	45	4
Cranbrook	33	1,052	37	818	22	234
Deer Lake	30	1,168	22	1,146	40	22
Fort Nelson	23	1,414	16	1,352	34	62
Fort St John	13	2,255	9	1,717	13	538
Grande Prairie	5	3,134	4	2,130	8	1,004
High Level	41	919	34	871	36	48
Îles-de-la-Madeleine	50	340	50	340	0	0
Inuvik/Mike Zubko	35	1,017	29	987	37	30
Iqaluit	29	1,224	20	1,220	44	4
Kamloops	10	2,356	13	1,546	10	810
Kenora	39	999	39	783	23	216
Kingston	3	3,555	12	1,683	4	1,872
Kuujuaq	32	1,098	31	956	27	142
La Grande Rivière	43	852	35	852	0	0
La Ronge	26	1,263	21	1,164	28	99
Lethbridge	24	1,330	30	976	18	354
Lloydminster	36	1,016	42	640	16	376
Medicine Hat	37	1,015	38	809	24	206
Mont-Joli	48	527	46	519	42	8
Montréal/Mirabel International	6	3,097	8	1,988	6	1,109
Nanaimo	17	1,909	15	1,379	14	530
Norman Wells	22	1,447	40	753	12	694
North Bay	1	5,508	11	1,700	1	3,808
Ottawa/Gatineau	2	4,560	10	1,702	2	2,858
Peace River	46	579	47	507	32	72
Penticton	4	3,555	18	1,229	3	2,326
Port Hardy	49	503	48	499	46	4
Prince Albert	21	1,452	14	1,446	43	6
Prince Rupert	51	301	51	271	38	30
Rankin Inlet	42	903	32	903	0	0
Red Deer Regional	12	2,303	17	1,339	9	964
Rouyn-Noranda	31	1,116	26	1,042	30	74
Saint John	19	1,548	23	1,116	15	432
Sept-Îles	8	2,547	2	2,275	20	272
Sioux Lookout	11	2,346	3	2,264	29	82
Smithers	47	534	45	522	41	12
St. Catharines	20	1,524	36	826	11	698
Sudbury	14	2,194	6	2,038	26	156
Terrace	40	937	33	879	35	58
Thompson	7	2,783	1	2,757	39	26
Timmins	16	2,076	7	2,004	31	72
Val-d'Or	25	1,275	24	1,083	25	192
Victoria Harbour	15	2,103	5	2,103	0	0
Wabush	28	1,227	19	1,227	0	0
Whitecourt	18	1,609	43	587	7	1,022
Williams Lake	45	604	44	540	33	64
<b>Total of all flight service stations (51)</b>	.	<b>83,482</b>	.	<b>59,669</b>	.	<b>23,813</b>

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

	Civil movements			Military movements		
	Total	Itinerant		Local	Total	Itinerant
		Commercial	Private and government			
number						
Abbotsford	5,849	1,755	439	3,655	19	19
Boundary Bay	9,187	2,673	734	5,780	0	0
Calgary International	18,497	17,146	1,210	141	89	62
Calgary/Springbank	9,470	2,389	910	6,171	8	0
Chicoutimi/St-Honoré	5,888	1,539	126	4,223	1	0
Edmonton City Centre	4,670	2,980	1,075	615	15	13
Edmonton International	10,597	9,744	488	365	55	24
Edmonton/Villeneuve	3,763	519	212	3,032	1	0
Fort McMurray	3,713	3,126	328	259	0	0
Fredericton International	6,249	2,805	190	3,254	18	18
Gander International	2,379	1,318	314	747	214	206
Halifax/Robert L Stanfield International	6,612	5,922	291	399	152	126
Hamilton	3,146	1,803	419	924	5	5
Kelowna	4,976	3,042	434	1,500	30	15
Kitchener/Waterloo	8,762	2,768	894	5,100	6	4
Langley	4,806	1,280	739	2,787	2	2
London	9,929	4,111	701	5,117	29	7
Moncton/Greater Moncton International	8,292	4,403	315	3,574	16	8
Montréal/Pierre Elliott Trudeau International	17,406	16,098	1,256	52	25	21
Montréal/St-Hubert	18,302	6,380	1,122	10,800	97	95
Oshawa	4,659	1,596	780	2,283	5	5
Ottawa/Macdonald-Cartier International	15,019	10,299	713	4,007	258	220
Pitt Meadows	5,175	984	693	3,498	12	12
Prince George	3,613	1,691	216	1,706	4	4
Québec/Jean Lesage International	10,748	5,855	1,149	3,744	62	55
Regina International	4,335	2,782	477	1,076	225	26
Saskatoon/John G Diefenbaker International	5,423	3,530	601	1,292	300	105
Sault Ste. Marie	3,466	1,672	108	1,686	14	9
St. John's International	3,486	2,906	297	283	222	217
St-Jean	1,961	271	468	1,222	261	261
Thunder Bay	8,459	4,122	228	4,109	40	23
Toronto/Billy Bishop Toronto City	7,967	5,132	482	2,353	0	0
Toronto/Buttonville Municipal	10,340	2,993	2,415	4,932	0	0
Toronto/Lester B Pearson International	33,277	31,953	1,225	99	28	18
Vancouver Harbour	2,723	2,698	23	2	2	0
Vancouver International	21,863	20,911	871	81	12	11
Victoria International	9,232	4,595	886	3,751	126	119
Whitehorse International	1,446	1,016	130	300	12	12
Windsor	1,597	868	316	413	2	2
Winnipeg/James Armstrong Richardson International	10,106	8,783	469	854	240	219
Winnipeg/St. Andrews	8,789	2,574	259	5,956	2	2
Yellowknife	4,192	3,264	104	824	63	63
<b>Total of NAV CANADA towers (42)</b>	<b>340,369</b>	<b>212,296</b>	<b>25,107</b>	<b>102,966</b>	<b>2,696</b>	<b>2,042</b>
						<b>654</b>

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

	Civil movements			Military movements		
	Total	Itinerant		Local	Total	Itinerant
		Commercial	Private and government			
number						
Brandon Municipal	819	309	180	330	217	179
Campbell River	2,371	825	245	1,301	12	12
Castlegar	733	413	18	302	2	2
Charlottetown	1,214	841	127	246	29	23
Churchill	1,011	950	57	4	0	0
Cranbrook	1,044	666	144	234	8	8
Deer Lake	1,156	1,099	35	22	12	12
Fort Nelson	1,398	1,284	52	62	16	16
Fort St John	2,255	1,501	216	538	0	0
Grande Prairie	3,132	1,871	257	1,004	2	2
High Level	913	803	62	48	6	6
Îles-de-la-Madeleine	332	275	57	0	8	8
Inuvik/Mike Zubko	1,012	956	26	30	5	5
Iqaluit	1,218	1,129	85	4	6	6
Kamloops	2,297	1,196	327	774	59	23
Kenora	904	672	66	166	95	45
Kingston	3,511	1,186	453	1,872	44	44
Kuujuaq	1,094	921	31	142	4	4
La Grande Rivière	852	814	38	0	0	0
La Ronge	1,263	1,085	79	99	0	0
Lethbridge	1,308	717	239	352	22	20
Lloydminster	1,002	366	260	376	14	14
Medicine Hat	995	645	156	194	20	8
Mont-Joli	511	481	30	0	16	8
Montréal/Mirabel International	3,026	1,492	451	1,083	71	45
Nanaimo	1,906	920	456	530	3	3
Norman Wells	1,443	740	9	694	4	4
North Bay	5,477	1,298	371	3,808	31	31
Ottawa/Gatineau	4,542	863	821	2,858	18	18
Peace River	577	480	25	72	2	2
Penticton	3,513	931	256	2,326	42	42
Port Hardy	483	412	67	4	20	20
Prince Albert	1,452	1,250	196	6	0	0
Prince Rupert	301	232	39	30	0	0
Rankin Inlet	901	891	10	0	2	2
Red Deer Regional	2,288	711	613	964	15	15
Rouyn-Noranda	1,114	958	82	74	2	2
Saint John	1,542	853	259	430	6	4
Sept-Îles	2,529	2,025	232	272	18	18
Sioux Lookout	2,346	2,194	70	82	0	0
Smithers	534	494	28	12	0	0
St. Catharines	1,524	506	320	698	0	0
Sudbury	2,184	1,804	224	156	10	10
Terrace	937	853	26	58	0	0
Thompson	2,783	2,611	146	26	0	0
Timmins	2,048	1,805	171	72	28	28
Val-d'Or	1,273	875	206	192	2	2
Victoria Harbour	2,085	1,824	261	0	18	18
Wabush	1,227	1,104	123	0	0	0
Whitecourt	1,607	509	76	1,022	2	2
Williams Lake	602	462	76	64	2	2
<b>Total of all flight service stations (51)</b>	<b>82,589</b>	<b>50,102</b>	<b>8,854</b>	<b>23,633</b>	<b>893</b>	<b>713</b>
						<b>180</b>

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI			Civil	Military
number							
Abbotsford	2,213	469	1,194	92	370	69	19
Boundary Bay	3,407	12	762	1,899	703	31	0
Calgary International	18,418	16,007	752	387	1,082	128	62
Calgary/Springbank	3,299	19	543	1,827	883	27	0
Chicoutimi/St-Honoré	1,665	387	80	1,072	120	6	0
Edmonton City Centre	4,068	1,370	556	1,054	739	336	13
Edmonton International	10,287	9,334	261	149	478	10	55
Edmonton/Villeneuve	732	0	30	489	212	0	1
Fort McMurray	3,454	1,599	1,340	187	302	26	0
Fredericton International	3,013	795	2,001	9	114	76	18
Gander International	1,838	490	785	43	286	28	206
Halifax/Robert L Stanfield International	6,339	5,551	336	35	237	54	126
Hamilton	2,227	1,651	132	20	302	117	5
Kelowna	3,491	2,383	503	156	361	73	15
Kitchener/Waterloo	3,666	379	2,305	84	886	8	4
Langley	2,021	76	181	1,023	730	9	2
London	4,819	1,246	599	2,266	633	68	7
Moncton/Greater Moncton International	4,726	1,676	2,725	2	152	163	8
Montréal/Pierre Elliott Trudeau International	17,375	15,156	886	56	1,078	178	21
Montréal/St-Hubert	7,597	3,933	475	1,972	1,036	86	95
Oshawa	2,381	79	97	1,420	715	65	5
Ottawa/Macdonald-Cartier International	11,232	7,576	345	2,378	365	348	220
Pitt Meadows	1,689	9	601	374	671	22	12
Prince George	1,911	1,197	418	76	136	80	4
Québec/Jean Lesage International	7,059	3,915	1,755	185	877	272	55
Regina International	3,285	2,105	653	24	269	208	26
Saskatoon/John G Diefenbaker International	4,236	2,697	632	201	354	247	105
Sault Ste. Marie	1,789	908	117	647	87	21	9
St. John's International	3,420	2,103	790	13	170	127	217
St-Jean	1,000	23	165	83	462	6	261
Thunder Bay	4,373	2,805	371	946	143	85	23
Toronto/Billy Bishop Toronto City	5,614	3,489	774	869	462	20	0
Toronto/Buttonville Municipal	5,408	291	2,619	83	2,356	59	0
Toronto/Lester B Pearson International	33,196	31,314	599	40	1,211	14	18
Vancouver Harbour	2,723	2,495	203	0	22	1	2
Vancouver International	21,793	19,392	1,444	75	555	316	11
Victoria International	5,600	2,838	1,483	274	835	51	119
Whitehorse International	1,158	736	259	21	112	18	12
Windsor	1,186	531	303	34	298	18	2
Winnipeg/James Armstrong Richardson International	9,471	8,468	271	44	231	238	219
Winnipeg/St. Andrews	2,835	563	1,445	566	257	2	2
Yellowknife	3,431	2,853	401	10	31	73	63
<b>Total of NAV CANADA towers (42)</b>	<b>239,445</b>	<b>158,920</b>	<b>32,191</b>	<b>21,185</b>	<b>21,323</b>	<b>3,784</b>	<b>2,042</b>

**Table 3-2**  
**Itinerant movements by type of operator — NAV CANADA flight service stations**

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI			Civil	Military
number							
Brandon Municipal	668	88	194	27	174	6	179
Campbell River	1,082	530	150	145	200	45	12
Castlegar	433	235	59	119	18	0	2
Charlottetown	991	602	102	137	95	32	23
Churchill	1,007	879	65	6	41	16	0
Cranbrook	818	585	66	15	144	0	8
Deer Lake	1,146	914	171	14	15	20	12
Fort Nelson	1,352	422	856	6	45	7	16
Fort St John	1,717	855	602	44	210	6	0
Grande Prairie	2,130	1,258	491	122	243	14	2
High Level	871	308	495	0	40	22	6
Îles-de-la-Madeleine	340	237	8	30	5	52	8
Inuvik/Mike Zubko	987	875	81	0	4	22	5
Iqaluit	1,220	1,043	79	7	44	41	6
Kamloops	1,546	986	190	20	278	49	23
Kenora	783	409	243	20	50	16	45
Kingston	1,683	470	354	362	436	17	44
Kuujjuaq	956	843	74	4	17	14	4
La Grande Rivière	852	587	158	69	24	14	0
La Ronge	1,164	1,081	4	0	21	58	0
Lethbridge	976	416	87	214	230	9	20
Lloydminster	640	120	218	28	236	24	14
Medicine Hat	809	453	174	18	146	10	8
Mont-Joli	519	361	108	12	20	10	8
Montréal/Mirabel International	1,988	824	576	92	449	2	45
Nanaimo	1,379	379	466	75	398	58	3
Norman Wells	753	590	150	0	3	6	4
North Bay	1,700	656	391	251	335	36	31
Ottawa/Gatineau	1,702	149	480	234	753	68	18
Peace River	507	359	119	2	12	13	2
Penticton	1,229	314	609	8	186	70	42
Port Hardy	499	357	55	0	20	47	20
Prince Albert	1,446	1,204	44	2	90	106	0
Prince Rupert	271	199	33	0	7	32	0
Rankin Inlet	903	853	36	2	2	8	2
Red Deer Regional	1,339	287	319	105	583	30	15
Rouyn-Noranda	1,042	781	153	24	58	24	2
Saint John	1,116	720	77	56	259	0	4
Sept-Îles	2,275	1,334	639	52	145	87	18
Sioux Lookout	2,264	1,791	392	11	62	8	0
Smithers	522	413	81	0	22	6	0
St. Catharines	826	4	478	24	314	6	0
Sudbury	2,038	1,421	339	44	195	29	10
Terrace	879	573	280	0	14	12	0
Thompson	2,757	2,359	252	0	28	118	0
Timmins	2,004	1,571	231	3	135	36	28
Val-d'Or	1,083	824	48	3	178	28	2
Victoria Harbour	2,103	1,806	18	0	141	120	18
Wabush	1,227	796	306	2	109	14	0
Whitecourt	587	32	314	163	70	6	2
Williams Lake	540	406	52	4	72	4	2
<b>Total of all flight service stations (51)</b>	<b>59,669</b>	<b>35,559</b>	<b>11,967</b>	<b>2,576</b>	<b>7,376</b>	<b>1,478</b>	<b>713</b>

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

	Itinerant movements					Runway 88
	Total of IFR and VFR flights <sup>1</sup>	Instrument flight rules	Percentage instrument flight rules	Visual flight rules	Percentage visual flight rules	
	number	percent	number	percent	number	
Abbotsford	2,213	659	29.7	1,554	70.2	1,092
Boundary Bay	3,407	258	7.5	3,149	92.4	466
Calgary International	18,418	17,585	95.4	833	4.5	618
Calgary/Springbank	3,299	235	7.1	3,064	92.8	105
Chicoutimi/St-Honoré	1,665	277	16.6	1,388	83.3	56
Edmonton City Centre	4,068	1,819	44.7	2,249	55.2	1,307
Edmonton International	10,287	9,871	95.9	416	4.0	642
Edmonton/Villeneuve	732	18	2.4	714	97.5	84
Fort McMurray	3,454	1,909	55.2	1,545	44.7	106
Fredericton International	3,013	1,084	35.9	1,929	64.0	76
Gander International	1,838	1,177	64.0	661	35.9	107
Halifax/Robert L Stanfield International	6,339	5,947	93.8	392	6.1	236
Hamilton	2,227	1,863	83.6	364	16.3	685
Kelowna	3,491	2,356	67.4	1,135	32.5	455
Kitchener/Waterloo	3,666	597	16.2	3,069	83.7	610
Langley	2,021	20	0.9	2,001	99.0	469
London	4,819	1,478	30.6	3,341	69.3	382
Moncton/Greater Moncton International	4,726	2,199	46.5	2,527	53.4	116
Montréal/Pierre Elliott Trudeau International	17,375	16,812	96.7	563	3.2	1,274
Montréal/St-Hubert	7,597	1,580	20.7	6,017	79.2	901
Oshawa	2,381	107	4.4	2,274	95.5	561
Ottawa/Macdonald-Cartier International	11,232	8,378	74.5	2,854	25.4	587
Pitt Meadows	1,689	14	0.8	1,675	99.1	1,190
Prince George	1,911	1,272	66.5	639	33.4	375
Québec/Jean Lesage International	7,059	4,672	66.1	2,387	33.8	819
Regina International	3,285	2,456	74.7	829	25.2	76
Saskatoon/John G Diefenbaker International	4,236	3,189	75.2	1,047	24.7	119
Sault Ste. Marie	1,789	1,031	57.6	758	42.3	51
St. John's International	3,420	2,986	87.3	434	12.6	165
St-Jean	1,000	39	3.9	961	96.1	332
Thunder Bay	4,373	3,141	71.8	1,232	28.1	84
Toronto/Billy Bishop Toronto City	5,614	3,755	66.8	1,859	33.1	1,598
Toronto/Buttonville Municipal	5,408	751	13.8	4,657	86.1	866
Toronto/Lester B Pearson International	33,196	33,187	99.9	9	0.0	1
Vancouver Harbour	2,723	68	2.4	2,655	97.5	1,013
Vancouver International	21,793	18,816	86.3	2,977	13.6	5,451
Victoria International	5,600	3,224	57.5	2,376	42.4	2,715
Whitehorse International	1,158	524	45.2	634	54.7	92
Windsor	1,186	660	55.6	526	44.3	62
Winnipeg/James Armstrong Richardson International	9,471	8,945	94.4	526	5.5	168
Winnipeg/St. Andrews	2,835	129	4.5	2,706	95.4	52
Yellowknife	3,431	2,287	66.6	1,144	33.3	103
<b>Total of NAV CANADA towers (42)</b>	<b>239,445</b>	<b>167,375</b>	<b>69.9</b>	<b>72,070</b>	<b>30.1</b>	<b>26,267</b>

1. Total excludes runway 88 flights.

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

	Itinerant movements					Runway 88
	Total of IFR and VFR flights <sup>1</sup>	Instrument flight rules	Percentage instrument flight rules	Visual flight rules	Percentage visual flight rules	
	number	percent	number	percent	number	
Brandon Municipal	668	183	27.3	485	72.6	3
Campbell River	1,082	501	46.3	581	53.6	192
Castlegar	433	229	52.8	204	47.1	60
Charlottetown	991	698	70.4	293	29.5	39
Churchill	1,007	902	89.5	105	10.4	378
Cranbrook	818	621	75.9	197	24.0	117
Deer Lake	1,146	1,081	94.3	65	5.6	39
Fort Nelson	1,352	449	33.2	903	66.7	145
Fort St John	1,717	906	52.7	811	47.2	46
Grande Prairie	2,130	1,410	66.1	720	33.8	95
High Level	871	270	30.9	601	69.0	213
Îles-de-la-Madeleine	340	306	90.0	34	10.0	1
Inuvik/Mike Zubko	987	389	39.4	598	60.5	16
Iqaluit	1,220	1,110	90.9	110	9.0	6
Kamloops	1,546	1,085	70.1	461	29.8	296
Kenora	783	474	60.5	309	39.4	103
Kingston	1,683	619	36.7	1,064	63.2	210
Kuujuaq	956	453	47.3	503	52.6	0
La Grande Rivière	852	584	68.5	268	31.4	123
La Ronge	1,164	678	58.2	486	41.7	171
Lethbridge	976	523	53.5	453	46.4	18
Lloydminster	640	218	34.0	422	65.9	36
Medicine Hat	809	357	44.1	452	55.8	122
Mont-Joli	519	456	87.8	63	12.1	15
Montréal/Mirabel International	1,988	1,098	55.2	890	44.7	593
Nanaimo	1,379	627	45.4	752	54.5	383
Norman Wells	753	207	27.4	546	72.5	350
North Bay	1,700	756	44.4	944	55.5	436
Ottawa/Gatineau	1,702	232	13.6	1,470	86.3	249
Peace River	507	292	57.5	215	42.4	6
Penticton	1,229	282	22.9	947	77.0	78
Port Hardy	499	208	41.6	291	58.3	159
Prince Albert	1,446	1,319	91.2	127	8.7	35
Prince Rupert	271	218	80.4	53	19.5	9
Rankin Inlet	903	852	94.3	51	5.6	14
Red Deer Regional	1,339	342	25.5	997	74.4	232
Rouyn-Noranda	1,042	918	88.0	124	11.9	20
Saint John	1,116	915	81.9	201	18.0	39
Sept-Îles	2,275	1,707	75.0	568	24.9	233
Sioux Lookout	2,264	1,776	78.4	488	21.5	98
Smithers	522	406	77.7	116	22.2	192
St. Catharines	826	61	7.3	765	92.6	212
Sudbury	2,038	1,666	81.7	372	18.2	79
Terrace	879	571	64.9	308	35.0	118
Thompson	2,757	1,836	66.5	921	33.4	41
Timmins	2,004	1,727	86.1	277	13.8	73
Val-d'Or	1,083	834	77.0	249	22.9	118
Victoria Harbour	2,103	103	4.8	2,000	95.1	517
Wabush	1,227	1,106	90.1	121	9.8	59
Whitecourt	587	46	7.8	541	92.1	86
Williams Lake	540	418	77.4	122	22.5	55
<b>Total of all flight service stations (51)</b>	<b>59,669</b>	<b>35,025</b>	<b>58.7</b>	<b>24,644</b>	<b>41.3</b>	<b>6,928</b>

1. Total excludes runway 88 flights.

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

	Total	Jet	Turboprop	Piston	Helicopters	Gliders
number						
Abbotsford	2,213	456	132	1,117	508	0
Boundary Bay	3,407	4	38	3,226	139	0
Calgary International	18,418	12,249	5,141	334	694	0
Calgary/Springbank	3,299	25	87	2,650	537	0
Chicoutimi/St-Honoré	1,665	2	110	1,233	320	0
Edmonton City Centre	4,068	271	1,426	1,606	765	0
Edmonton International	10,287	6,449	3,446	372	20	0
Edmonton/Villeneuve	732	5	10	684	33	0
Fort McMurray	3,454	1,062	1,217	531	644	0
Fredericton International	3,013	299	646	2,015	52	1
Gander International	1,838	542	571	567	158	0
Halifax/Robert L Stanfield International	6,339	3,386	2,465	250	238	0
Hamilton	2,227	1,147	748	193	139	0
Kelowna	3,491	1,067	1,312	654	458	0
Kitchener/Waterloo	3,666	147	325	2,929	265	0
Langley	2,021	0	75	1,501	445	0
London	4,819	547	1,023	3,142	107	0
Moncton/Greater Moncton International	4,726	1,044	836	2,792	54	0
Montréal/Pierre Elliott Trudeau International	17,375	11,203	5,528	442	202	0
Montréal/St-Hubert	7,597	198	900	6,242	257	0
Oshawa	2,381	16	96	2,159	110	0
Ottawa/Macdonald-Cartier International	11,232	5,527	2,880	2,627	198	0
Pitt Meadows	1,689	0	7	1,470	210	2
Prince George	1,911	430	883	167	431	0
Québec/Jean Lesage International	7,059	1,285	3,191	1,945	638	0
Regina International	3,285	1,653	697	839	96	0
Saskatoon/John G Diefenbaker International	4,236	1,589	1,510	1,101	36	0
Sault Ste. Marie	1,789	16	1,008	731	34	0
St. John's International	3,420	1,230	1,664	45	481	0
St-Jean	1,000	0	18	723	52	207
Thunder Bay	4,373	664	2,470	1,079	160	0
Toronto/Billy Bishop Toronto City	5,614	0	3,711	1,568	335	0
Toronto/Buttonville Municipal	5,408	81	333	4,741	253	0
Toronto/Lester B Pearson International	33,196	27,638	5,521	36	1	0
Vancouver Harbour	2,723	0	1,499	583	641	0
Vancouver International	21,793	10,996	8,216	1,870	711	0
Victoria International	5,600	983	2,055	2,189	373	0
Whitehorse International	1,158	294	438	243	183	0
Windsor	1,186	156	502	512	16	0
Winnipeg/James Armstrong Richardson International	9,471	4,863	4,078	485	45	0
Winnipeg/St. Andrews	2,835	0	539	2,208	88	0
Yellowknife	3,431	659	2,116	286	370	0
<b>Total of NAV CANADA towers (42)</b>	<b>239,445</b>	<b>98,183</b>	<b>69,468</b>	<b>60,087</b>	<b>11,497</b>	<b>210</b>

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

	Total	Jet	Turboprop	Piston	Helicopters	Gliders
number						
Brandon Municipal	668	68	214	362	22	2
Campbell River	1,082	42	558	240	242	0
Castlegar	433	4	235	141	53	0
Charlottetown	991	293	387	284	27	0
Churchill	1,007	41	922	38	6	0
Cranbrook	818	22	551	183	62	0
Deer Lake	1,146	162	923	34	27	0
Fort Nelson	1,352	51	396	97	808	0
Fort St John	1,717	335	611	362	409	0
Grande Prairie	2,130	220	1,029	526	355	0
High Level	871	25	415	248	183	0
Îles-de-la-Madeleine	340	12	289	35	4	0
Inuvik/Mike Zubko	987	98	657	151	81	0
Iqaluit	1,220	383	798	12	27	0
Kamloops	1,546	118	960	303	165	0
Kenora	783	10	519	189	65	0
Kingston	1,683	32	551	1,034	66	0
Kuujuaq	956	130	775	13	38	0
La Grande Rivière	852	24	671	147	10	0
La Ronge	1,164	0	951	170	43	0
Lethbridge	976	64	439	456	17	0
Lloydminster	640	11	162	439	28	0
Medicine Hat	809	14	479	281	35	0
Mont-Joli	519	4	449	56	10	0
Montréal/Mirabel International	1,988	662	337	667	321	1
Nanaimo	1,379	18	399	894	68	0
Norman Wells	753	175	257	173	148	0
North Bay	1,700	36	762	349	551	2
Ottawa/Gatineau	1,702	4	226	1,212	256	4
Peace River	507	0	297	100	110	0
Penticton	1,229	24	299	383	523	0
Port Hardy	499	6	342	53	98	0
Prince Albert	1,446	4	1,268	142	32	0
Prince Rupert	271	13	219	2	37	0
Rankin Inlet	903	119	750	0	34	0
Red Deer Regional	1,339	37	338	938	26	0
Rouyn-Noranda	1,042	44	915	79	4	0
Saint John	1,116	268	548	256	44	0
Sept-Îles	2,275	43	1,603	352	277	0
Sioux Lookout	2,264	16	1,912	334	2	0
Smithers	522	10	417	49	46	0
St. Catharines	826	3	11	716	96	0
Sudbury	2,038	28	1,626	201	183	0
Terrace	879	28	570	6	275	0
Thompson	2,757	26	2,260	303	168	0
Timmins	2,004	6	1,757	159	82	0
Val-d'Or	1,083	110	759	169	45	0
Victoria Harbour	2,103	0	1,202	100	801	0
Wabush	1,227	23	1,018	86	100	0
Whitecourt	587	8	36	104	439	0
Williams Lake	540	7	405	75	53	0
<b>Total of all flight service stations (51)</b>	<b>59,669</b>	<b>3,881</b>	<b>34,474</b>	<b>13,703</b>	<b>7,602</b>	<b>9</b>

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

	Gross take-off weight in kilograms									
	2 000 and under	2 001 to 4 000	4 001 to 5 670	5 671 to 9 000	9 001 to 18 000	18 001 to 35 000	35 001 to 70 000	70 001 to 90 000	90 001 to 136 000	136 001 and over
number										
Abbotsford	1,324	258	133	30	13	17	424	14	0	0
Boundary Bay	3,007	369	18	5	6	2	0	0	0	0
Calgary International	565	551	1,231	1,829	1,028	4,274	7,366	712	224	638
Calgary/Springbank	2,877	285	117	18	2	0	0	0	0	0
Chicoutimi/St-Honoré	1,292	262	109	2	0	0	0	0	0	0
Edmonton City Centre	1,930	415	1,321	265	110	26	0	1	0	0
Edmonton International	252	206	403	1,117	507	2,557	4,682	298	164	101
Edmonton/Villeneuve	691	26	15	0	0	0	0	0	0	0
Fort McMurray	1,029	518	368	318	68	787	366	0	0	0
Fredericton International	1,932	127	190	236	166	339	6	5	0	12
Gander International	538	20	52	466	299	257	38	86	22	60
Halifax/Robert L Stanfield International	141	190	338	1,233	649	1,753	1,575	202	163	95
Hamilton	180	480	177	317	195	51	191	3	505	128
Kelowna	966	128	220	525	37	766	840	0	9	0
Kitchener/Waterloo	3,064	138	326	49	19	16	54	0	0	0
Langley	1,913	99	6	0	3	0	0	0	0	0
London	3,211	208	216	59	484	475	160	4	2	0
Moncton/Greater Moncton International	2,734	102	296	463	93	615	158	2	263	0
Montréal/Pierre Elliott Trudeau International	492	133	634	859	2,875	5,647	4,257	1,404	0	1,074
Montréal/St-Hubert	5,607	795	725	322	144	0	4	0	0	0
Oshawa	2,161	108	29	10	73	0	0	0	0	0
Ottawa/Macdonald-Cartier International	2,612	150	1,022	205	639	3,196	2,757	317	50	284
Pitt Meadows	1,593	89	7	0	0	0	0	0	0	0
Prince George	424	182	148	604	12	363	178	0	0	0
Québec/Jean Lesage International	2,184	405	887	476	1,118	1,701	216	0	0	72
Regina International	782	157	395	315	48	888	618	2	80	0
Saskatoon/John G Diefenbaker International	890	309	630	584	178	1,019	590	8	28	0
Sault Ste. Marie	736	104	554	62	289	44	0	0	0	0
St. John's International	40	63	318	565	822	656	643	227	80	6
St-Jean	960	22	18	0	0	0	0	0	0	0
Thunder Bay	1,069	201	1,921	237	15	726	199	3	2	0
Toronto/Billy Bishop Toronto City	1,612	161	536	46	9	3,250	0	0	0	0
Toronto/Buttonville Municipal	4,630	447	228	68	13	22	0	0	0	0
Toronto/Lester B Pearson International	2	134	403	2,046	3,805	7,374	13,159	3,090	346	2,837
Vancouver Harbour	40	1,733	943	0	7	0	0	0	0	0
Vancouver International	566	2,569	849	2,387	1,542	4,967	5,636	1,048	408	1,821
Victoria International	1,745	841	205	323	748	1,178	495	33	32	0
Whitehorse International	385	145	160	58	4	277	123	6	0	0
Windsor	449	118	51	85	386	76	15	2	2	2
Winnipeg/James Armstrong Richardson International	305	289	2,723	385	750	1,964	2,147	162	697	49
Winnipeg/St. Andrews	1,962	744	129	0	0	0	0	0	0	0
Yellowknife	382	414	755	190	222	771	526	171	0	0
Total of NAV CANADA towers (42)	59,274	14,695	19,806	16,759	17,378	46,054	47,423	7,800	3,077	7,179

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

	Gross 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	334	42	139	49	8	26	0	70	0	0
Campbell River	403	70	51	407	118	33	0	0	0	0
Castlegar	172	18	6	52	55	128	0	2	0	0
Charlottetown	253	133	57	186	69	242	45	6	0	0
Churchill	40	61	137	121	122	499	26	0	1	0
Cranbrook	167	74	57	215	66	237	0	2	0	0
Deer Lake	41	14	39	330	552	96	72	2	0	0
Fort Nelson	688	87	195	185	140	49	8	0	0	0
Fort St John	756	16	156	295	188	306	0	0	0	0
Grande Prairie	634	250	390	235	90	357	174	0	0	0
High Level	354	220	161	130	6	0	0	0	0	0
Îles-de-la-Madeleine	3	36	75	50	153	15	8	0	0	0
Inuvik/Mike Zubko	165	104	570	2	4	46	96	0	0	0
Iqaluit	9	18	286	56	181	331	271	18	0	50
Kamloops	362	84	109	349	142	425	75	0	0	0
Kenora	159	56	529	10	24	0	0	5	0	0
Kingston	1,010	60	134	335	125	7	0	12	0	0
Kuujjuaq	41	8	635	8	80	66	94	4	0	20
La Grande Rivière	12	145	195	5	75	398	22	0	0	0
La Ronge	59	156	604	60	181	104	0	0	0	0
Lethbridge	336	131	110	361	12	10	10	6	0	0
Lloydminster	418	45	67	98	10	2	0	0	0	0
Medicine Hat	308	4	232	251	14	0	0	0	0	0
Mont-Joli	28	36	133	155	123	38	0	6	0	0
Montréal/Mirabel International	760	277	72	105	14	221	72	16	316	135
Nanaimo	520	435	52	34	22	316	0	0	0	0
Norman Wells	163	134	220	21	0	40	175	0	0	0
North Bay	839	188	349	54	187	61	14	8	0	0
Ottawa/Gatineau	1,368	120	164	38	2	0	2	8	0	0
Peace River	127	85	270	17	6	2	0	0	0	0
Penticton	870	40	32	118	10	159	0	0	0	0
Port Hardy	57	84	158	62	124	12	2	0	0	0
Prince Albert	91	83	304	317	244	407	0	0	0	0
Prince Rupert	4	37	30	31	19	150	0	0	0	0
Rankin Inlet	34	0	204	110	231	201	117	6	0	0
Red Deer Regional	805	159	216	129	14	10	0	6	0	0
Rouyn-Noranda	73	13	383	69	262	216	26	0	0	0
Saint John	119	177	145	235	161	277	0	0	0	2
Sept-Îles	394	233	521	583	405	125	0	14	0	0
Sioux Lookout	152	233	1,117	746	0	16	0	0	0	0
Smithers	87	14	52	228	31	110	0	0	0	0
St. Catharines	756	56	11	0	3	0	0	0	0	0
Sudbury	186	188	1,101	142	209	202	4	6	0	0
Terrace	257	24	105	150	97	246	0	0	0	0
Thompson	180	378	1,436	24	128	601	0	10	0	0
Timmins	172	178	983	84	463	116	0	8	0	0
Val-d'Or	200	20	206	139	306	135	27	2	4	44
Victoria Harbour	15	1,087	981	2	18	0	0	0	0	0
Wabush	88	107	297	344	383	8	0	0	0	0
Whitecourt	537	4	22	24	0	0	0	0	0	0
Williams Lake	113	15	13	377	22	0	0	0	0	0
<b>Total of all flight service stations (51)</b>	<b>15,719</b>	<b>6,237</b>	<b>14,511</b>	<b>8,128</b>	<b>5,899</b>	<b>7,046</b>	<b>1,340</b>	<b>217</b>	<b>321</b>	<b>251</b>

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI			Civil	Military
number							
<b>Abbotsford</b>							
Domestic	2,159	455	1,188	92	340	69	15
Transborder	46	6	6	0	30	0	4
Other international	8	8	0	0	0	0	0
<b>Total</b>	<b>2,213</b>	<b>469</b>	<b>1,194</b>	<b>92</b>	<b>370</b>	<b>69</b>	<b>19</b>
<b>Boundary Bay</b>							
Domestic	3,332	10	749	1,872	670	31	0
Transborder	75	2	13	27	33	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>3,407</b>	<b>12</b>	<b>762</b>	<b>1,899</b>	<b>703</b>	<b>31</b>	<b>0</b>
<b>Calgary International</b>							
Domestic	14,586	12,548	691	379	784	128	56
Transborder	3,157	2,800	55	6	290	0	6
Other international	675	659	6	2	8	0	0
<b>Total</b>	<b>18,418</b>	<b>16,007</b>	<b>752</b>	<b>387</b>	<b>1,082</b>	<b>128</b>	<b>62</b>
<b>Calgary/Springbank</b>							
Domestic	3,244	18	542	1,825	832	27	0
Transborder	55	1	1	2	51	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>3,299</b>	<b>19</b>	<b>543</b>	<b>1,827</b>	<b>883</b>	<b>27</b>	<b>0</b>
<b>Chicoutimi/St-Honoré</b>							
Domestic	1,664	387	80	1,072	119	6	0
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,665</b>	<b>387</b>	<b>80</b>	<b>1,072</b>	<b>120</b>	<b>6</b>	<b>0</b>
<b>Edmonton City Centre</b>							
Domestic	4,031	1,358	554	1,049	721	336	13
Transborder	37	12	2	5	18	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>4,068</b>	<b>1,370</b>	<b>556</b>	<b>1,054</b>	<b>739</b>	<b>336</b>	<b>13</b>
<b>Edmonton International</b>							
Domestic	8,761	7,898	256	145	402	10	50
Transborder	1,333	1,249	5	4	70	0	5
Other international	193	187	0	0	6	0	0
<b>Total</b>	<b>10,287</b>	<b>9,334</b>	<b>261</b>	<b>149</b>	<b>478</b>	<b>10</b>	<b>55</b>
<b>Edmonton/Villeneuve</b>							
Domestic	730	0	30	488	211	0	1
Transborder	2	0	0	1	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>732</b>	<b>0</b>	<b>30</b>	<b>489</b>	<b>212</b>	<b>0</b>	<b>1</b>
<b>Fort McMurray</b>							
Domestic	3,448	1,599	1,340	186	297	26	0
Transborder	6	0	0	1	5	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>3,454</b>	<b>1,599</b>	<b>1,340</b>	<b>187</b>	<b>302</b>	<b>26</b>	<b>0</b>
<b>Fredericton International</b>							
Domestic	3,000	788	1,999	9	110	76	18
Transborder	9	3	2	0	4	0	0
Other international	4	4	0	0	0	0	0
<b>Total</b>	<b>3,013</b>	<b>795</b>	<b>2,001</b>	<b>9</b>	<b>114</b>	<b>76</b>	<b>18</b>
<b>Gander International</b>							
Domestic	1,350	374	785	10	55	28	98
Transborder	219	48	0	11	107	0	53
Other international	269	68	0	22	124	0	55
<b>Total</b>	<b>1,838</b>	<b>490</b>	<b>785</b>	<b>43</b>	<b>286</b>	<b>28</b>	<b>206</b>

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI		Civil	Military	
number							
<b>Halifax/Robert L Stanfield International</b>							
Domestic	5,289	4,626	331	29	168	54	81
Transborder	913	819	2	2	57	0	33
Other international	137	106	3	4	12	0	12
<b>Total</b>	<b>6,339</b>	<b>5,551</b>	<b>336</b>	<b>35</b>	<b>237</b>	<b>54</b>	<b>126</b>
<b>Hamilton</b>							
Domestic	1,599	1,191	108	16	164	115	5
Transborder	591	432	22	4	131	2	0
Other international	37	28	2	0	7	0	0
<b>Total</b>	<b>2,227</b>	<b>1,651</b>	<b>132</b>	<b>20</b>	<b>302</b>	<b>117</b>	<b>5</b>
<b>Kelowna</b>							
Domestic	3,255	2,179	500	156	332	73	15
Transborder	212	180	3	0	29	0	0
Other international	24	24	0	0	0	0	0
<b>Total</b>	<b>3,491</b>	<b>2,383</b>	<b>503</b>	<b>156</b>	<b>361</b>	<b>73</b>	<b>15</b>
<b>Kitchener/Waterloo</b>							
Domestic	3,507	349	2,279	82	786	7	4
Transborder	154	30	26	2	96	0	0
Other international	5	0	0	0	4	1	0
<b>Total</b>	<b>3,666</b>	<b>379</b>	<b>2,305</b>	<b>84</b>	<b>886</b>	<b>8</b>	<b>4</b>
<b>Langley</b>							
Domestic	2,018	76	181	1,023	727	9	2
Transborder	3	0	0	0	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,021</b>	<b>76</b>	<b>181</b>	<b>1,023</b>	<b>730</b>	<b>9</b>	<b>2</b>
<b>London</b>							
Domestic	4,414	938	592	2,266	544	68	6
Transborder	403	306	7	0	89	0	1
Other international	2	2	0	0	0	0	0
<b>Total</b>	<b>4,819</b>	<b>1,246</b>	<b>599</b>	<b>2,266</b>	<b>633</b>	<b>68</b>	<b>7</b>
<b>Moncton/Greater Moncton International</b>							
Domestic	4,644	1,612	2,724	2	135	163	8
Transborder	77	59	1	0	17	0	0
Other international	5	5	0	0	0	0	0
<b>Total</b>	<b>4,726</b>	<b>1,676</b>	<b>2,725</b>	<b>2</b>	<b>152</b>	<b>163</b>	<b>8</b>
<b>Montréal/Pierre Elliott Trudeau International</b>							
Domestic	9,925	8,389	700	32	609	178	17
Transborder	5,847	5,279	151	10	405	0	2
Other international	1,603	1,488	35	14	64	0	2
<b>Total</b>	<b>17,375</b>	<b>15,156</b>	<b>886</b>	<b>56</b>	<b>1,078</b>	<b>178</b>	<b>21</b>
<b>Montréal/St-Hubert</b>							
Domestic	7,445	3,918	474	1,971	904	83	95
Transborder	149	15	1	1	129	3	0
Other international	3	0	0	0	3	0	0
<b>Total</b>	<b>7,597</b>	<b>3,933</b>	<b>475</b>	<b>1,972</b>	<b>1,036</b>	<b>86</b>	<b>95</b>
<b>Oshawa</b>							
Domestic	2,337	73	96	1,418	680	65	5
Transborder	37	5	1	2	29	0	0
Other international	7	1	0	0	6	0	0
<b>Total</b>	<b>2,381</b>	<b>79</b>	<b>97</b>	<b>1,420</b>	<b>715</b>	<b>65</b>	<b>5</b>
<b>Ottawa/Macdonald-Cartier International</b>							
Domestic	9,148	5,653	312	2,374	281	345	183
Transborder	1,908	1,769	30	4	81	3	21
Other international	176	154	3	0	3	0	16
<b>Total</b>	<b>11,232</b>	<b>7,576</b>	<b>345</b>	<b>2,378</b>	<b>365</b>	<b>348</b>	<b>220</b>

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI			Civil	Military
number							
<b>Pitt Meadows</b>							
Domestic	1,683	9	600	374	666	22	12
Transborder	6	0	1	0	5	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,689</b>	<b>9</b>	<b>601</b>	<b>374</b>	<b>671</b>	<b>22</b>	<b>12</b>
<b>Prince George</b>							
Domestic	1,899	1,189	418	76	132	80	4
Transborder	4	0	0	0	4	0	0
Other international	8	8	0	0	0	0	0
<b>Total</b>	<b>1,911</b>	<b>1,197</b>	<b>418</b>	<b>76</b>	<b>136</b>	<b>80</b>	<b>4</b>
<b>Québec/Jean Lesage International</b>							
Domestic	6,533	3,430	1,753	183	848	271	48
Transborder	449	415	1	2	29	1	1
Other international	77	70	1	0	0	0	6
<b>Total</b>	<b>7,059</b>	<b>3,915</b>	<b>1,755</b>	<b>185</b>	<b>877</b>	<b>272</b>	<b>55</b>
<b>Regina International</b>							
Domestic	2,826	1,709	651	23	211	208	24
Transborder	416	354	2	0	58	0	2
Other international	43	42	0	1	0	0	0
<b>Total</b>	<b>3,285</b>	<b>2,105</b>	<b>653</b>	<b>24</b>	<b>269</b>	<b>208</b>	<b>26</b>
<b>Saskatoon/John G Diefenbaker International</b>							
Domestic	3,928	2,447	620	200	309	247	105
Transborder	279	222	12	1	44	0	0
Other international	29	28	0	0	1	0	0
<b>Total</b>	<b>4,236</b>	<b>2,697</b>	<b>632</b>	<b>201</b>	<b>354</b>	<b>247</b>	<b>105</b>
<b>Sault Ste. Marie</b>							
Domestic	1,776	908	115	647	76	21	9
Transborder	12	0	1	0	11	0	0
Other international	1	0	1	0	0	0	0
<b>Total</b>	<b>1,789</b>	<b>908</b>	<b>117</b>	<b>647</b>	<b>87</b>	<b>21</b>	<b>9</b>
<b>St. John's International</b>							
Domestic	3,024	1,964	785	4	92	121	58
Transborder	187	68	0	2	38	0	79
Other international	209	71	5	7	40	6	80
<b>Total</b>	<b>3,420</b>	<b>2,103</b>	<b>790</b>	<b>13</b>	<b>170</b>	<b>127</b>	<b>217</b>
<b>St-Jean</b>							
Domestic	1,000	23	165	83	462	6	261
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,000</b>	<b>23</b>	<b>165</b>	<b>83</b>	<b>462</b>	<b>6</b>	<b>261</b>
<b>Thunder Bay</b>							
Domestic	4,341	2,793	366	945	129	85	23
Transborder	23	4	5	1	13	0	0
Other international	9	8	0	0	1	0	0
<b>Total</b>	<b>4,373</b>	<b>2,805</b>	<b>371</b>	<b>946</b>	<b>143</b>	<b>85</b>	<b>23</b>
<b>Toronto/Billy Bishop Toronto City</b>							
Domestic	4,368	2,361	742	868	377	20	0
Transborder	1,245	1,128	31	1	85	0	0
Other international	1	0	1	0	0	0	0
<b>Total</b>	<b>5,614</b>	<b>3,489</b>	<b>774</b>	<b>869</b>	<b>462</b>	<b>20</b>	<b>0</b>
<b>Toronto/Buttonville Municipal</b>							
Domestic	5,140	247	2,576	80	2,179	58	0
Transborder	265	42	43	3	176	1	0
Other international	3	2	0	0	1	0	0
<b>Total</b>	<b>5,408</b>	<b>291</b>	<b>2,619</b>	<b>83</b>	<b>2,356</b>	<b>59</b>	<b>0</b>

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI		Civil	Military	
number							
<b>Toronto/Lester B Pearson International</b>							
Domestic	13,896	13,164	347	16	338	14	17
Transborder	15,099	14,050	201	17	831	0	0
Other international	4,201	4,100	51	7	42	0	1
<b>Total</b>	<b>33,196</b>	<b>31,314</b>	<b>599</b>	<b>40</b>	<b>1,211</b>	<b>14</b>	<b>18</b>
<b>Vancouver Harbour</b>							
Domestic	2,723	2,495	203	0	22	1	2
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,723</b>	<b>2,495</b>	<b>203</b>	<b>0</b>	<b>22</b>	<b>1</b>	<b>2</b>
<b>Vancouver International</b>							
Domestic	16,141	14,056	1,409	58	295	315	8
Transborder	4,232	3,930	31	15	252	1	3
Other international	1,420	1,406	4	2	8	0	0
<b>Total</b>	<b>21,793</b>	<b>19,392</b>	<b>1,444</b>	<b>75</b>	<b>555</b>	<b>316</b>	<b>11</b>
<b>Victoria International</b>							
Domestic	5,021	2,374	1,467	271	742	51	116
Transborder	556	442	16	3	92	0	3
Other international	23	22	0	0	1	0	0
<b>Total</b>	<b>5,600</b>	<b>2,838</b>	<b>1,483</b>	<b>274</b>	<b>835</b>	<b>51</b>	<b>119</b>
<b>Whitehorse International</b>							
Domestic	1,134	733	259	20	92	18	12
Transborder	21	3	0	0	18	0	0
Other international	3	0	0	1	2	0	0
<b>Total</b>	<b>1,158</b>	<b>736</b>	<b>259</b>	<b>21</b>	<b>112</b>	<b>18</b>	<b>12</b>
<b>Windsor</b>							
Domestic	1,007	429	288	34	238	18	0
Transborder	174	100	14	0	58	0	2
Other international	5	2	1	0	2	0	0
<b>Total</b>	<b>1,186</b>	<b>531</b>	<b>303</b>	<b>34</b>	<b>298</b>	<b>18</b>	<b>2</b>
<b>Winnipeg/James Armstrong Richardson International</b>							
Domestic	8,231	7,343	249	30	173	235	201
Transborder	1,160	1,053	22	11	55	3	16
Other international	80	72	0	3	3	0	2
<b>Total</b>	<b>9,471</b>	<b>8,468</b>	<b>271</b>	<b>44</b>	<b>231</b>	<b>238</b>	<b>219</b>
<b>Winnipeg/St. Andrews</b>							
Domestic	2,828	562	1,442	566	254	2	2
Transborder	7	1	3	0	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,835</b>	<b>563</b>	<b>1,445</b>	<b>566</b>	<b>257</b>	<b>2</b>	<b>2</b>
<b>Yellowknife</b>							
Domestic	3,429	2,853	401	10	29	73	63
Transborder	2	0	0	0	2	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>3,431</b>	<b>2,853</b>	<b>401</b>	<b>10</b>	<b>31</b>	<b>73</b>	<b>63</b>
<b>Total of NAV CANADA towers (42)</b>							
Domestic	190,814	115,528	31,367	20,984	17,535	3,763	1,637
Transborder	39,371	34,827	711	138	3,450	14	231
Other international	9,260	8,565	113	63	338	7	174
<b>Total</b>	<b>239,445</b>	<b>158,920</b>	<b>32,191</b>	<b>21,185</b>	<b>21,323</b>	<b>3,784</b>	<b>2,042</b>

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI			Civil	Military
number							
<b>Brandon Municipal</b>							
Domestic	660	88	194	27	170	6	175
Transborder	8	0	0	0	4	0	4
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>668</b>	<b>88</b>	<b>194</b>	<b>27</b>	<b>174</b>	<b>6</b>	<b>179</b>
<b>Campbell River</b>							
Domestic	1,074	529	149	145	194	45	12
Transborder	8	1	1	0	6	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,082</b>	<b>530</b>	<b>150</b>	<b>145</b>	<b>200</b>	<b>45</b>	<b>12</b>
<b>Castlegar</b>							
Domestic	429	235	59	119	14	0	2
Transborder	4	0	0	0	4	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>433</b>	<b>235</b>	<b>59</b>	<b>119</b>	<b>18</b>	<b>0</b>	<b>2</b>
<b>Charlottetown</b>							
Domestic	979	600	102	137	85	32	23
Transborder	8	1	0	0	7	0	0
Other international	4	1	0	0	3	0	0
<b>Total</b>	<b>991</b>	<b>602</b>	<b>102</b>	<b>137</b>	<b>95</b>	<b>32</b>	<b>23</b>
<b>Churchill</b>							
Domestic	1,004	879	65	6	38	16	0
Transborder	2	0	0	0	2	0	0
Other international	1	0	0	0	1	0	0
<b>Total</b>	<b>1,007</b>	<b>879</b>	<b>65</b>	<b>6</b>	<b>41</b>	<b>16</b>	<b>0</b>
<b>Cranbrook</b>							
Domestic	808	585	64	15	136	0	8
Transborder	10	0	2	0	8	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>818</b>	<b>585</b>	<b>66</b>	<b>15</b>	<b>144</b>	<b>0</b>	<b>8</b>
<b>Deer Lake</b>							
Domestic	1,144	914	169	14	15	20	12
Transborder	1	0	1	0	0	0	0
Other international	1	0	1	0	0	0	0
<b>Total</b>	<b>1,146</b>	<b>914</b>	<b>171</b>	<b>14</b>	<b>15</b>	<b>20</b>	<b>12</b>
<b>Fort Nelson</b>							
Domestic	1,352	422	856	6	45	7	16
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,352</b>	<b>422</b>	<b>856</b>	<b>6</b>	<b>45</b>	<b>7</b>	<b>16</b>
<b>Fort St John</b>							
Domestic	1,713	855	602	44	206	6	0
Transborder	4	0	0	0	4	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,717</b>	<b>855</b>	<b>602</b>	<b>44</b>	<b>210</b>	<b>6</b>	<b>0</b>
<b>Grande Prairie</b>							
Domestic	2,128	1,258	491	122	241	14	2
Transborder	2	0	0	0	2	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,130</b>	<b>1,258</b>	<b>491</b>	<b>122</b>	<b>243</b>	<b>14</b>	<b>2</b>
<b>High Level</b>							
Domestic	871	308	495	0	40	22	6
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>871</b>	<b>308</b>	<b>495</b>	<b>0</b>	<b>40</b>	<b>22</b>	<b>6</b>

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI			Civil	Military
number							
<b>Îles-de-la-Madeleine</b>							
Domestic	337	237	8	30	2	52	8
Transborder	3	0	0	0	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>340</b>	<b>237</b>	<b>8</b>	<b>30</b>	<b>5</b>	<b>52</b>	<b>8</b>
<b>Inuvik/Mike Zubko</b>							
Domestic	987	875	81	0	4	22	5
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>987</b>	<b>875</b>	<b>81</b>	<b>0</b>	<b>4</b>	<b>22</b>	<b>5</b>
<b>Iqaluit</b>							
Domestic	1,137	994	70	3	25	41	4
Transborder	30	23	4	0	2	0	1
Other international	53	26	5	4	17	0	1
<b>Total</b>	<b>1,220</b>	<b>1,043</b>	<b>79</b>	<b>7</b>	<b>44</b>	<b>41</b>	<b>6</b>
<b>Kamloops</b>							
Domestic	1,537	985	190	20	270	49	23
Transborder	8	0	0	0	8	0	0
Other international	1	1	0	0	0	0	0
<b>Total</b>	<b>1,546</b>	<b>986</b>	<b>190</b>	<b>20</b>	<b>278</b>	<b>49</b>	<b>23</b>
<b>Kenora</b>							
Domestic	781	408	243	20	50	16	44
Transborder	2	1	0	0	0	0	1
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>783</b>	<b>409</b>	<b>243</b>	<b>20</b>	<b>50</b>	<b>16</b>	<b>45</b>
<b>Kingston</b>							
Domestic	1,650	468	351	362	409	17	43
Transborder	32	2	3	0	27	0	0
Other international	1	0	0	0	0	0	1
<b>Total</b>	<b>1,683</b>	<b>470</b>	<b>354</b>	<b>362</b>	<b>436</b>	<b>17</b>	<b>44</b>
<b>Kuujjuaq</b>							
Domestic	955	843	74	3	17	14	4
Transborder	0	0	0	0	0	0	0
Other international	1	0	0	1	0	0	0
<b>Total</b>	<b>956</b>	<b>843</b>	<b>74</b>	<b>4</b>	<b>17</b>	<b>14</b>	<b>4</b>
<b>La Grande Rivière</b>							
Domestic	852	587	158	69	24	14	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>852</b>	<b>587</b>	<b>158</b>	<b>69</b>	<b>24</b>	<b>14</b>	<b>0</b>
<b>La Ronge</b>							
Domestic	1,164	1,081	4	0	21	58	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,164</b>	<b>1,081</b>	<b>4</b>	<b>0</b>	<b>21</b>	<b>58</b>	<b>0</b>
<b>Lethbridge</b>							
Domestic	919	415	85	212	181	9	17
Transborder	57	1	2	2	49	0	3
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>976</b>	<b>416</b>	<b>87</b>	<b>214</b>	<b>230</b>	<b>9</b>	<b>20</b>
<b>Lloydminster</b>							
Domestic	634	120	218	28	231	24	13
Transborder	6	0	0	0	5	0	1
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>640</b>	<b>120</b>	<b>218</b>	<b>28</b>	<b>236</b>	<b>24</b>	<b>14</b>

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI			Civil	Military
number							
<b>Medicine Hat</b>							
Domestic	806	453	174	18	143	10	8
Transborder	3	0	0	0	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>809</b>	<b>453</b>	<b>174</b>	<b>18</b>	<b>146</b>	<b>10</b>	<b>8</b>
<b>Mont-Joli</b>							
Domestic	519	361	108	12	20	10	8
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>519</b>	<b>361</b>	<b>108</b>	<b>12</b>	<b>20</b>	<b>10</b>	<b>8</b>
<b>Montréal/Mirabel International</b>							
Domestic	1,775	628	576	92	432	2	45
Transborder	207	190	0	0	17	0	0
Other international	6	6	0	0	0	0	0
<b>Total</b>	<b>1,988</b>	<b>824</b>	<b>576</b>	<b>92</b>	<b>449</b>	<b>2</b>	<b>45</b>
<b>Nanaimo</b>							
Domestic	1,366	379	462	73	391	58	3
Transborder	13	0	4	2	7	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,379</b>	<b>379</b>	<b>466</b>	<b>75</b>	<b>398</b>	<b>58</b>	<b>3</b>
<b>Norman Wells</b>							
Domestic	753	590	150	0	3	6	4
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>753</b>	<b>590</b>	<b>150</b>	<b>0</b>	<b>3</b>	<b>6</b>	<b>4</b>
<b>North Bay</b>							
Domestic	1,680	656	390	251	317	35	31
Transborder	19	0	1	0	17	1	0
Other international	1	0	0	0	1	0	0
<b>Total</b>	<b>1,700</b>	<b>656</b>	<b>391</b>	<b>251</b>	<b>335</b>	<b>36</b>	<b>31</b>
<b>Ottawa/Gatineau</b>							
Domestic	1,692	149	480	234	743	68	18
Transborder	10	0	0	0	10	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,702</b>	<b>149</b>	<b>480</b>	<b>234</b>	<b>753</b>	<b>68</b>	<b>18</b>
<b>Peace River</b>							
Domestic	507	359	119	2	12	13	2
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>507</b>	<b>359</b>	<b>119</b>	<b>2</b>	<b>12</b>	<b>13</b>	<b>2</b>
<b>Penticton</b>							
Domestic	1,228	313	609	8	186	70	42
Transborder	1	1	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,229</b>	<b>314</b>	<b>609</b>	<b>8</b>	<b>186</b>	<b>70</b>	<b>42</b>
<b>Port Hardy</b>							
Domestic	498	357	55	0	19	47	20
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>499</b>	<b>357</b>	<b>55</b>	<b>0</b>	<b>20</b>	<b>47</b>	<b>20</b>
<b>Prince Albert</b>							
Domestic	1,446	1,204	44	2	90	106	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,446</b>	<b>1,204</b>	<b>44</b>	<b>2</b>	<b>90</b>	<b>106</b>	<b>0</b>

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI		Civil	Military	
number							
<b>Prince Rupert</b>							
Domestic	268	199	30	0	7	32	0
Transborder	3	0	3	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>271</b>	<b>199</b>	<b>33</b>	<b>0</b>	<b>7</b>	<b>32</b>	<b>0</b>
<b>Rankin Inlet</b>							
Domestic	903	853	36	2	2	8	2
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>903</b>	<b>853</b>	<b>36</b>	<b>2</b>	<b>2</b>	<b>8</b>	<b>2</b>
<b>Red Deer Regional</b>							
Domestic	1,333	286	317	105	580	30	15
Transborder	6	1	2	0	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,339</b>	<b>287</b>	<b>319</b>	<b>105</b>	<b>583</b>	<b>30</b>	<b>15</b>
<b>Rouyn-Noranda</b>							
Domestic	1,042	781	153	24	58	24	2
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,042</b>	<b>781</b>	<b>153</b>	<b>24</b>	<b>58</b>	<b>24</b>	<b>2</b>
<b>Saint John</b>							
Domestic	1,050	720	77	56	194	0	3
Transborder	61	0	0	0	61	0	0
Other international	5	0	0	0	4	0	1
<b>Total</b>	<b>1,116</b>	<b>720</b>	<b>77</b>	<b>56</b>	<b>259</b>	<b>0</b>	<b>4</b>
<b>Sept-Îles</b>							
Domestic	2,269	1,334	638	50	142	87	18
Transborder	4	0	0	2	2	0	0
Other international	2	0	1	0	1	0	0
<b>Total</b>	<b>2,275</b>	<b>1,334</b>	<b>639</b>	<b>52</b>	<b>145</b>	<b>87</b>	<b>18</b>
<b>Sioux Lookout</b>							
Domestic	2,263	1,791	392	11	61	8	0
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,264</b>	<b>1,791</b>	<b>392</b>	<b>11</b>	<b>62</b>	<b>8</b>	<b>0</b>
<b>Smithers</b>							
Domestic	521	413	81	0	21	6	0
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>522</b>	<b>413</b>	<b>81</b>	<b>0</b>	<b>22</b>	<b>6</b>	<b>0</b>
<b>St. Catharines</b>							
Domestic	807	4	475	23	299	6	0
Transborder	19	0	3	1	15	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>826</b>	<b>4</b>	<b>478</b>	<b>24</b>	<b>314</b>	<b>6</b>	<b>0</b>
<b>Sudbury</b>							
Domestic	2,028	1,421	339	44	185	29	10
Transborder	10	0	0	0	10	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,038</b>	<b>1,421</b>	<b>339</b>	<b>44</b>	<b>195</b>	<b>29</b>	<b>10</b>
<b>Terrace</b>							
Domestic	878	572	280	0	14	12	0
Transborder	1	1	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>879</b>	<b>573</b>	<b>280</b>	<b>0</b>	<b>14</b>	<b>12</b>	<b>0</b>

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI			Civil	Military
number							
<b>Thompson</b>							
Domestic	2,757	2,359	252	0	28	118	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,757</b>	<b>2,359</b>	<b>252</b>	<b>0</b>	<b>28</b>	<b>118</b>	<b>0</b>
<b>Timmins</b>							
Domestic	2,001	1,571	230	3	133	36	28
Transborder	3	0	1	0	2	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,004</b>	<b>1,571</b>	<b>231</b>	<b>3</b>	<b>135</b>	<b>36</b>	<b>28</b>
<b>Val-d'Or</b>							
Domestic	1,083	824	48	3	178	28	2
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,083</b>	<b>824</b>	<b>48</b>	<b>3</b>	<b>178</b>	<b>28</b>	<b>2</b>
<b>Victoria Harbour</b>							
Domestic	1,967	1,806	18	0	5	120	18
Transborder	136	0	0	0	136	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,103</b>	<b>1,806</b>	<b>18</b>	<b>0</b>	<b>141</b>	<b>120</b>	<b>18</b>
<b>Wabush</b>							
Domestic	1,224	796	306	2	106	14	0
Transborder	3	0	0	0	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,227</b>	<b>796</b>	<b>306</b>	<b>2</b>	<b>109</b>	<b>14</b>	<b>0</b>
<b>Whitecourt</b>							
Domestic	587	32	314	163	70	6	2
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>587</b>	<b>32</b>	<b>314</b>	<b>163</b>	<b>70</b>	<b>6</b>	<b>2</b>
<b>Williams Lake</b>							
Domestic	539	406	52	4	71	4	2
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>540</b>	<b>406</b>	<b>52</b>	<b>4</b>	<b>72</b>	<b>4</b>	<b>2</b>
<b>Total of all flight service stations (51)</b>							
Domestic	58,905	35,303	11,933	2,564	6,928	1,477	700
Transborder	688	222	27	7	421	1	10
Other international	76	34	7	5	27	0	3
<b>Total</b>	<b>59,669</b>	<b>35,559</b>	<b>11,967</b>	<b>2,576</b>	<b>7,376</b>	<b>1,478</b>	<b>713</b>

**Table 8-1**  
**Total aircraft movements, peak hour and peak day — NAV CANADA towers**

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Abbotsford	23	5,868	3	19	86	2	478
Boundary Bay	14	9,187	2	15	133	2	733
Calgary International	3	18,586	10	17	59	4	747
Calgary/Springbank	12	9,478	3	13	118	3	688
Chicoutimi/St-Honoré	22	5,889	4	12	105	3	561
Edmonton City Centre	28	4,685	11	22	40	11	252
Edmonton International	8	10,676	1	7	45	23	451
Edmonton/Villeneuve	32	3,764	27	11	64	26	312
Fort McMurray	33	3,713	3	15	30	3	179
Fredericton International	21	6,267	30	9	55	12	513
Gander International	39	2,593	4	12	29	4	204
Halifax/Robert L Stanfield International	20	6,764	24	13	35	3	288
Hamilton	37	3,151	1	14	27	24	246
Kelowna	26	5,006	1	11	53	3	370
Kitchener/Waterloo	16	8,768	9	15	88	2	669
Langley	27	4,808	11	11	96	10	450
London	11	9,958	1	13	87	2	656
Moncton/Greater Moncton International	18	8,308	12	13	70	12	693
Montréal/Pierre Elliott Trudeau International	5	17,431	10	18	65	29	662
Montréal/St-Hubert	4	18,399	12	15	145	12	1,328
Oshawa	29	4,664	3	15	52	11	353
Ottawa/Macdonald-Cartier International	6	15,277	11	16	87	3	854
Pitt Meadows	25	5,187	2	13	84	3	511
Prince George	35	3,617	18	10	74	18	377
Québec/Jean Lesage International	7	10,810	2	18	88	25	630
Regina International	30	4,560	26	16	48	4	279
Saskatoon/John G Diefenbaker International	24	5,723	28	14	56	5	378
Sault Ste. Marie	36	3,480	2	19	86	2	382
St. John's International	34	3,708	3	16	31	3	194
St-Jean	40	2,222	6	13	42	6	285
Thunder Bay	17	8,499	15	18	99	5	601
Toronto/Billy Bishop Toronto City	19	7,967	19	15	70	19	420
Toronto/Buttonville Municipal	10	10,340	10	11	150	2	803
Toronto/Lester B Pearson International	1	33,305	18	18	97	15	1,214
Vancouver Harbour	38	2,725	10	15	30	3	155
Vancouver International	2	21,875	3	8	71	3	844
Victoria International	13	9,358	23	13	87	10	617
Whitehorse International	42	1,458	19	15	19	25	83
Windsor	41	1,599	29	16	31	8	97
Winnipeg/James Armstrong Richardson International	9	10,346	3	15	45	4	464
Winnipeg/St. Andrews	15	8,791	4	19	95	1	684
Yellowknife	31	4,255	5	10	50	5	234

**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	34	1,036	4	11	32	4	116
Campbell River	9	2,383	27	15	64	27	252
Castlegar	44	735	14	12	50	13	96
Charlottetown	27	1,243	15	12	29	15	133
Churchill	38	1,011	12	11	10	8	50
Cranbrook	33	1,052	21	14	22	21	87
Deer Lake	30	1,168	3	12	13	3	59
Fort Nelson	23	1,414	20	10	17	3	82
Fort St John	13	2,255	30	11	34	30	132
Grande Prairie	5	3,134	3	19	38	3	175
High Level	41	919	13	20	11	17	59
Îles-de-la-Madeleine	50	340	4	10	6	4	23
Inuvik/Mike Zubko	35	1,017	3	15	11	3	67
Iqaluit	29	1,224	12	12	11	29	59
Kamloops	10	2,356	3	14	53	3	152
Kenora	39	999	2	11	29	2	103
Kingston	3	3,555	21	13	56	11	306
Kuujuaq	32	1,098	7	14	15	5	50
La Grande Rivière	43	852	8	13	11	30	47
La Ronge	26	1,263	23	15	16	17	69
Lethbridge	24	1,330	4	11	39	6	120
Lloydminster	36	1,016	30	13	30	30	90
Medicine Hat	37	1,015	5	9	36	5	80
Mont-Joli	48	527	16	13	9	16	36
Montréal/Mirabel International	6	3,097	16	9	36	16	196
Nanaimo	17	1,909	4	11	58	3	154
Norman Wells	22	1,447	3	15	25	3	85
North Bay	1	5,508	16	15	96	10	525
Ottawa/Gatineau	2	4,560	2	19	81	2	392
Peace River	46	579	25	13	17	25	51
Penticton	4	3,555	23	15	92	17	316
Port Hardy	49	503	1	12	6	16	30
Prince Albert	21	1,452	4	8	15	4	90
Prince Rupert	51	301	3	12	18	3	47
Rankin Inlet	42	903	9	13	10	5	55
Red Deer Regional	12	2,303	25	18	58	25	213
Rouyn-Noranda	31	1,116	10	11	17	10	67
Saint John	19	1,548	30	22	40	29	115
Sept-Îles	8	2,547	25	10	34	3	135
Sioux Lookout	11	2,346	7	17	21	18	125
Smithers	47	534	11	13	14	4	39
St. Catharines	20	1,524	29	14	37	29	136
Sudbury	14	2,194	23	12	23	24	141
Terrace	40	937	19	9	18	19	70
Thompson	7	2,783	4	16	18	4	138
Timmins	16	2,076	13	16	27	24	121
Val-d'Or	25	1,275	10	16	36	10	86
Victoria Harbour	15	2,103	2	16	18	3	123
Wabush	28	1,227	3	10	11	2	63
Whitecourt	18	1,609	8	11	61	8	198
Williams Lake	45	604	7	10	15	2	50

**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	32	2,213	13	15	33	10	184
Boundary Bay	24	3,407	3	11	45	3	337
Calgary International	3	18,418	4	18	55	4	735
Calgary/Springbank	25	3,299	6	11	33	6	246
Chicoutimi/St-Honoré	38	1,665	3	15	22	12	141
Edmonton City Centre	18	4,068	10	16	26	10	201
Edmonton International	6	10,287	1	7	35	3	428
Edmonton/Villeneuve	42	732	4	15	12	26	56
Fort McMurray	21	3,454	2	16	23	4	166
Fredericton International	27	3,013	3	16	23	12	219
Gander International	35	1,838	5	9	14	17	98
Halifax/Robert L Stanfield International	10	6,339	22	11	22	3	262
Hamilton	31	2,227	16	1	12	24	128
Kelowna	20	3,491	3	14	23	3	188
Kitchener/Waterloo	19	3,666	24	13	35	9	258
Langley	33	2,021	10	16	45	10	232
London	14	4,819	1	13	43	2	272
Moncton/Greater Moncton International	15	4,726	30	12	27	12	343
Montréal/Pierre Elliott Trudeau International	4	17,375	10	18	65	29	658
Montréal/St-Hubert	8	7,597	10	14	58	10	496
Oshawa	30	2,381	13	13	27	13	168
Ottawa/Macdonald-Cartier International	5	11,232	3	16	45	2	513
Pitt Meadows	37	1,689	3	13	27	3	221
Prince George	34	1,911	18	9	22	18	113
Québec/Jean Lesage International	9	7,059	3	17	40	12	360
Regina International	26	3,285	7	14	20	4	173
Saskatoon/John G Diefenbaker International	17	4,236	26	15	32	4	234
Sault Ste. Marie	36	1,789	24	9	15	2	112
St. John's International	23	3,420	3	16	15	3	156
St-Jean	41	1,000	7	9	34	7	265
Thunder Bay	16	4,373	13	10	23	5	229
Toronto/Billy Bishop Toronto City	11	5,614	13	15	38	10	259
Toronto/Buttonville Municipal	13	5,408	1	13	49	1	406
Toronto/Lester B Pearson International	1	33,196	18	18	97	15	1,212
Vancouver Harbour	29	2,723	10	15	30	3	155
Vancouver International	2	21,793	3	8	71	3	844
Victoria International	12	5,600	3	15	39	3	342
Whitehorse International	40	1,158	10	14	11	10	68
Windsor	39	1,186	11	10	11	8	65
Winnipeg/James Armstrong Richardson International	7	9,471	4	17	35	4	402
Winnipeg/St. Andrews	28	2,835	1	14	26	1	206
Yellowknife	22	3,431	2	15	19	25	156

**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	41	668	20	13	20	26	59
Campbell River	25	1,082	3	17	28	10	88
Castlegar	49	433	18	12	13	3	34
Charlottetown	28	991	14	16	12	15	73
Churchill	27	1,007	12	11	10	8	50
Cranbrook	37	818	11	12	16	11	56
Deer Lake	22	1,146	11	14	12	17	50
Fort Nelson	16	1,352	25	10	17	3	82
Fort St John	9	1,717	30	11	34	30	104
Grande Prairie	4	2,130	2	9	14	3	109
High Level	34	871	17	11	9	17	55
Îles-de-la-Madeleine	50	340	4	10	6	4	23
Inuvik/Mike Zubko	29	987	21	21	10	10	52
Iqaluit	20	1,220	12	12	11	29	59
Kamloops	13	1,546	3	14	13	3	90
Kenora	39	783	4	15	10	5	52
Kingston	12	1,683	11	12	16	11	110
Kuujuaq	31	956	2	15	8	8	43
La Grande Rivière	35	852	8	13	11	30	47
La Ronge	21	1,164	3	10	11	17	67
Lethbridge	30	976	6	12	10	3	57
Lloydminster	42	640	7	14	10	3	36
Medicine Hat	38	809	7	15	17	27	46
Mont-Joli	46	519	9	8	7	30	29
Montréal/Mirabel International	8	1,988	29	15	19	24	106
Nanaimo	15	1,379	8	11	16	10	99
Norman Wells	40	753	3	15	11	3	49
North Bay	11	1,700	10	12	18	10	129
Ottawa/Gatineau	10	1,702	24	15	26	12	112
Peace River	47	507	2	9	6	1	30
Penticton	18	1,229	2	16	18	2	97
Port Hardy	48	499	3	12	6	16	30
Prince Albert	14	1,446	4	8	15	4	84
Prince Rupert	51	271	3	13	7	3	19
Rankin Inlet	32	903	9	13	10	5	55
Red Deer Regional	17	1,339	6	15	17	6	100
Rouyn-Noranda	26	1,042	23	17	9	10	55
Saint John	23	1,116	28	13	9	12	59
Sept-Îles	2	2,275	3	11	17	3	109
Sioux Lookout	3	2,264	29	13	18	18	117
Smithers	45	522	5	10	9	4	39
St. Catharines	36	826	20	15	14	20	71
Sudbury	6	2,038	24	13	13	24	107
Terrace	33	879	18	10	11	3	49
Thompson	1	2,757	4	16	18	4	136
Timmins	7	2,004	24	10	17	24	119
Val-d'Or	24	1,083	10	16	12	10	58
Victoria Harbour	5	2,103	2	16	18	3	123
Wabush	19	1,227	3	10	11	2	63
Whitecourt	43	587	3	12	7	3	45
Williams Lake	44	540	5	16	7	10	38

**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	13	3,655	3	19	70	2	328
Boundary Bay	4	5,780	2	15	100	2	478
Calgary International	38	168	13	10	12	13	17
Calgary/Springbank	2	6,179	3	13	92	3	462
Chicoutimi/St-Honoré	8	4,224	4	12	94	4	472
Edmonton City Centre	31	617	11	22	34	11	86
Edmonton International	34	389	20	6	24	23	46
Edmonton/Villeneuve	17	3,032	26	11	60	26	256
Fort McMurray	37	259	3	15	16	14	36
Fredericton International	16	3,254	30	9	36	11	294
Gander International	30	755	4	12	22	4	114
Halifax/Robert L Stanfield International	32	425	15	14	14	15	46
Hamilton	27	924	1	14	22	24	118
Kelowna	23	1,515	1	11	46	3	182
Kitchener/Waterloo	6	5,102	9	15	65	2	418
Langley	18	2,787	11	14	78	3	218
London	5	5,139	28	12	67	8	388
Moncton/Greater Moncton International	14	3,582	4	13	56	12	350
Montréal/Pierre Elliott Trudeau International	41	56	3	15	4	3	9
Montréal/St-Hubert	1	10,802	3	13	100	12	856
Oshawa	20	2,283	12	15	39	11	193
Ottawa/Macdonald-Cartier International	10	4,045	11	16	54	3	378
Pitt Meadows	15	3,498	10	14	62	10	346
Prince George	21	1,706	18	10	64	18	264
Québec/Jean Lesage International	12	3,751	16	17	66	16	328
Regina International	25	1,275	26	16	36	6	128
Saskatoon/John G Diefenbaker International	24	1,487	28	14	44	5	162
Sault Ste. Marie	22	1,691	2	20	78	2	270
St. John's International	36	288	4	9	18	3	38
St-Jean	26	1,222	13	13	28	13	114
Thunder Bay	9	4,126	15	18	90	10	418
Toronto/Billy Bishop Toronto City	19	2,353	19	15	46	15	182
Toronto/Buttonville Municipal	7	4,932	10	11	124	2	448
Toronto/Lester B Pearson International	39	109	28	11	24	28	40
Vancouver Harbour	42	2	23	10	2	23	2
Vancouver International	40	82	17	8	6	15	12
Victoria International	11	3,758	18	14	62	10	329
Whitehorse International	35	300	15	12	14	9	28
Windsor	33	413	1	19	22	21	38
Winnipeg/James Armstrong Richardson International	28	875	1	16	18	1	72
Winnipeg/St. Andrews	3	5,956	4	19	84	23	491
Yellowknife	29	824	5	10	36	14	98

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

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Brandon Municipal	17	368	4	11	22	4	62
Campbell River	5	1,301	27	15	60	27	216
Castlegar	19	302	14	12	46	13	78
Charlottetown	21	252	15	12	22	15	60
Churchill	45	4	23	8	2	23	4
Cranbrook	22	234	21	14	20	21	64
Deer Lake	40	22	3	12	12	3	12
Fort Nelson	34	62	20	10	16	20	30
Fort St John	13	538	26	14	22	24	50
Grande Prairie	8	1,004	3	19	30	28	124
High Level	36	48	13	20	10	13	10
Îles-de-la-Madeleine	0	0	0	0	0	0	0
Inuvik/Mike Zubko	37	30	3	15	8	3	18
Iqaluit	44	4	26	18	4	26	4
Kamloops	10	810	10	14	42	7	76
Kenora	23	216	2	11	24	2	52
Kingston	4	1,872	9	15	42	11	196
Kuujuaq	27	142	7	14	8	18	14
La Grande Rivière	0	0	0	0	0	0	0
La Ronge	28	99	26	14	9	26	17
Lethbridge	18	354	4	11	34	6	64
Lloydminster	16	376	28	15	28	30	70
Medicine Hat	24	206	5	9	32	5	48
Mont-Joli	42	8	16	13	8	16	8
Montréal/Mirabel International	6	1,109	6	14	28	16	106
Nanaimo	14	530	4	11	44	4	72
Norman Wells	12	694	17	13	16	16	52
North Bay	1	3,808	16	15	88	16	426
Ottawa/Gatineau	2	2,858	2	19	70	2	288
Peace River	32	72	25	13	12	25	28
Penticton	3	2,326	23	15	84	17	278
Port Hardy	46	4	1	10	2	1	4
Prince Albert	43	6	4	19	4	4	6
Prince Rupert	38	30	3	12	16	3	28
Rankin Inlet	0	0	0	0	0	0	0
Red Deer Regional	9	964	25	18	48	25	156
Rouyn-Noranda	30	74	3	14	12	3	18
Saint John	15	432	30	22	40	29	64
Sept-Îles	20	272	1	14	20	7	40
Sioux Lookout	29	82	7	17	16	7	28
Smithers	41	12	11	13	12	11	12
St. Catharines	11	698	29	14	32	29	80
Sudbury	26	156	23	12	14	24	34
Terrace	35	58	19	9	12	19	32
Thompson	39	26	29	16	6	29	8
Timmins	31	72	13	16	24	13	24
Val-d'Or	25	192	10	16	24	2	28
Victoria Harbour	0	0	0	0	0	0	0
Wabush	0	0	0	0	0	0	0
Whitecourt	7	1,022	8	11	58	8	164
Williams Lake	33	64	3	14	12	2	24

**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	13	3,655	3	19	70	2	328
Boundary Bay	4	5,780	2	15	100	2	478
Calgary International	38	141	13	10	12	13	15
Calgary/Springbank	2	6,171	3	13	92	3	462
Chicoutimi/St-Honoré	8	4,223	4	12	94	4	471
Edmonton City Centre	31	615	11	22	34	11	86
Edmonton International	34	365	20	6	24	23	46
Edmonton/Villeneuve	17	3,032	26	11	60	26	256
Fort McMurray	37	259	3	15	16	14	36
Fredericton International	16	3,254	30	9	36	11	294
Gander International	30	747	4	12	22	4	114
Halifax/Robert L Stanfield International	33	399	15	14	14	15	44
Hamilton	27	924	1	14	22	24	118
Kelowna	23	1,500	1	11	46	3	182
Kitchener/Waterloo	6	5,100	9	15	65	2	418
Langley	18	2,787	11	14	78	3	218
London	5	5,117	28	12	67	8	388
Moncton/Greater Moncton International	14	3,574	4	13	56	12	350
Montréal/Pierre Elliott Trudeau International	41	52	3	15	4	3	8
Montréal/St-Hubert	1	10,800	3	13	100	12	856
Oshawa	20	2,283	12	15	39	11	193
Ottawa/Macdonald-Cartier International	10	4,007	11	16	54	3	378
Pitt Meadows	15	3,498	10	14	62	10	346
Prince George	21	1,706	18	10	64	18	264
Québec/Jean Lesage International	12	3,744	16	17	66	16	328
Regina International	26	1,076	26	16	34	6	128
Saskatoon/John G Diefenbaker International	24	1,292	28	14	44	5	158
Sault Ste. Marie	22	1,686	2	20	78	2	270
St. John's International	36	283	4	9	18	3	38
St-Jean	25	1,222	13	13	28	13	114
Thunder Bay	9	4,109	15	18	90	10	418
Toronto/Billy Bishop Toronto City	19	2,353	19	15	46	15	182
Toronto/Buttonville Municipal	7	4,932	10	11	124	2	448
Toronto/Lester B Pearson International	39	99	28	11	24	28	40
Vancouver Harbour	42	2	23	10	2	23	2
Vancouver International	40	81	17	8	6	15	12
Victoria International	11	3,751	18	14	62	10	329
Whitehorse International	35	300	15	12	14	9	28
Windsor	32	413	1	19	22	21	38
Winnipeg/James Armstrong Richardson International	28	854	1	16	18	1	72
Winnipeg/St. Andrews	3	5,956	4	19	84	23	491
Yellowknife	29	824	5	10	36	14	98

**Table 11-2**  
**Local movements - civil, peak hour and peak day — NAV CANADA flight service stations**

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Brandon Municipal	18	330	4	11	22	23	62
Campbell River	5	1,301	27	15	60	27	216
Castlegar	19	302	14	12	46	13	78
Charlottetown	21	246	15	12	22	15	60
Churchill	44	4	23	8	2	23	4
Cranbrook	22	234	21	14	20	21	64
Deer Lake	40	22	3	12	12	3	12
Fort Nelson	34	62	20	10	16	20	30
Fort St John	13	538	26	14	22	24	50
Grande Prairie	8	1,004	3	19	30	28	124
High Level	36	48	13	20	10	13	10
Îles-de-la-Madeleine	0	0	0	0	0	0	0
Inuvik/Mike Zubko	37	30	3	15	8	3	18
Iqaluit	43	4	26	18	4	26	4
Kamloops	10	774	3	14	40	7	76
Kenora	25	166	5	16	20	8	44
Kingston	4	1,872	9	15	42	11	196
Kuujuaq	27	142	7	14	8	18	14
La Grande Rivière	0	0	0	0	0	0	0
La Ronge	28	99	26	14	9	26	17
Lethbridge	17	352	4	11	34	6	64
Lloydminster	16	376	28	15	28	30	70
Medicine Hat	23	194	5	9	32	5	48
Mont-Joli	0	0	0	0	0	0	0
Montréal/Mirabel International	6	1,083	6	14	28	16	106
Nanaimo	14	530	4	11	44	4	72
Norman Wells	12	694	17	13	16	16	52
North Bay	1	3,808	16	15	88	16	426
Ottawa/Gatineau	2	2,858	2	19	70	2	288
Peace River	31	72	25	13	12	25	28
Penticton	3	2,326	23	15	84	17	278
Port Hardy	45	4	1	10	2	1	4
Prince Albert	42	6	4	19	4	4	6
Prince Rupert	38	30	3	12	16	3	28
Rankin Inlet	0	0	0	0	0	0	0
Red Deer Regional	9	964	25	18	48	25	156
Rouyn-Noranda	30	74	3	14	12	3	18
Saint John	15	430	30	22	40	29	62
Sept-Îles	20	272	1	14	20	7	40
Sioux Lookout	29	82	7	17	16	7	28
Smithers	41	12	11	13	12	11	12
St. Catharines	11	698	29	14	32	29	80
Sudbury	26	156	23	12	14	24	34
Terrace	35	58	19	9	12	19	32
Thompson	39	26	29	16	6	29	8
Timmins	32	72	13	16	24	13	24
Val-d'Or	24	192	10	16	24	2	28
Victoria Harbour	0	0	0	0	0	0	0
Wabush	0	0	0	0	0	0	0
Whitecourt	7	1,022	8	11	58	8	164
Williams Lake	33	64	3	14	12	2	24

**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	4	27	4	17	2	5	5
Calgary/Springbank	14	8	12	18	8	12	8
Chicoutimi/St-Honoré	24	1	4	11	1	4	1
Edmonton City Centre	20	2	27	12	2	27	2
Edmonton International	6	24	26	15	6	26	8
Edmonton/Villeneuve	0	0	0	0	0	0	0
Fort McMurray	0	0	0	0	0	0	0
Fredericton International	0	0	0	0	0	0	0
Gander International	12	8	16	12	3	15	4
Halifax/Robert L Stanfield International	5	26	10	13	5	10	6
Hamilton	0	0	0	0	0	0	0
Kelowna	10	15	10	15	8	10	11
Kitchener/Waterloo	22	2	12	17	2	12	2
Langley	0	0	0	0	0	0	0
London	7	22	20	12	13	20	13
Moncton/Greater Moncton International	13	8	2	9	2	2	2
Montréal/Pierre Elliott Trudeau International	19	4	4	11	2	4	2
Montréal/St-Hubert	21	2	4	11	2	4	2
Oshawa	0	0	0	0	0	0	0
Ottawa/Macdonald-Cartier International	3	38	13	17	3	14	4
Pitt Meadows	0	0	0	0	0	0	0
Prince George	0	0	0	0	0	0	0
Québec/Jean Lesage International	15	7	8	17	2	8	2
Regina International	1	199	1	9	8	19	24
Saskatoon/John G Diefenbaker International	2	195	26	19	18	26	52
Sault Ste. Marie	18	5	9	14	1	9	2
St. John's International	17	5	2	20	1	2	1
St-Jean	0	0	0	0	0	0	0
Thunder Bay	9	17	29	12	5	29	6
Toronto/Billy Bishop Toronto City	0	0	0	0	0	0	0
Toronto/Buttonville Municipal	0	0	0	0	0	0	0
Toronto/Lester B Pearson International	11	10	8	15	4	8	4
Vancouver Harbour	0	0	0	0	0	0	0
Vancouver International	23	1	24	11	1	24	1
Victoria International	16	7	5	16	2	5	2
Whitehorse International	0	0	0	0	0	0	0
Windsor	0	0	0	0	0	0	0
Winnipeg/James Armstrong Richardson International	8	21	20	14	7	20	8
Winnipeg/St. Andrews	0	0	0	0	0	0	0
Yellowknife	0	0	0	0	0	0	0

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

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Brandon Municipal	2	38	1	11	10	3	14
Campbell River	0	0	0	0	0	0	0
Castlegar	0	0	0	0	0	0	0
Charlottetown	7	6	4	10	2	29	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	0	0	0	0	0	0	0
High Level	0	0	0	0	0	0	0
Îles-de-la-Madeleine	0	0	0	0	0	0	0
Inuvik/Mike Zubko	0	0	0	0	0	0	0
Iqaluit	0	0	0	0	0	0	0
Kamloops	3	36	10	14	24	10	28
Kenora	1	50	2	11	24	2	46
Kingston	0	0	0	0	0	0	0
Kuujuaq	0	0	0	0	0	0	0
La Grande Rivière	0	0	0	0	0	0	0
La Ronge	0	0	0	0	0	0	0
Lethbridge	8	2	26	16	2	26	2
Lloydminster	0	0	0	0	0	0	0
Medicine Hat	5	12	10	18	10	10	10
Mont-Joli	6	8	16	13	8	16	8
Montréal/Mirabel International	4	26	4	11	10	4	10
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	0	0	0	0	0	0	0
Peace River	0	0	0	0	0	0	0
Penticton	0	0	0	0	0	0	0
Port Hardy	0	0	0	0	0	0	0
Prince Albert	0	0	0	0	0	0	0
Prince Rupert	0	0	0	0	0	0	0
Rankin Inlet	0	0	0	0	0	0	0
Red Deer Regional	0	0	0	0	0	0	0
Rouyn-Noranda	0	0	0	0	0	0	0
Saint John	9	2	29	10	2	29	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

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## 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, gross 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

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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 ASC 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**

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### **Factors influencing the data**

Effective November 1, 2010 Jazz Air LP (Jazz), partnering with Thomas Cook Canada Inc., will operate flights to various sun destinations in the Caribbean, Mexico and Central America from Toronto, Ottawa, Montreal and Halifax between November to April.

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

On August 4, 2010, work was begun to close runway 16/34 at Edmonton City Centre Airport.

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

Lightning storms, combined with dry conditions, caused a rash of forest fires in northern Manitoba and Saskatchewan and in the British Columbia interior in July 2010.

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

Skyervice, Canada's second-largest charter carrier, ceased operation at the end of March 2010.

Porter Airlines expanded its service to include St. John's, Newfoundland and Labrador on October 5, 2009, Boston Logan effective September 14, 2009, and Thunder Bay International Airport effective June 26, 2009.

Fredericton International, New Brunswick – As of January 2010, data for Fredericton International can be found in tables relating to NAV CANADA Towers.

## **Appendix II**

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### **Glossary of terms**

#### **Air carrier**

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

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

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

#### **Aircraft movement**

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

#### **Class of operation**

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

#### **Commercial**

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

#### **Domestic itinerant movements**

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

#### **FSS**

Flight service station.

#### **Government-Civil**

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

#### **Government-Military**

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

## Gross 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.

## 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.

## 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.