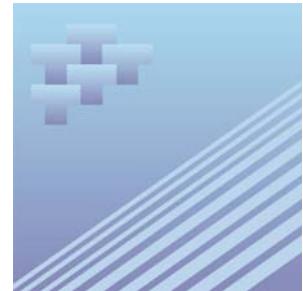


Catalogue no. 51-007-X

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



January 2012



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Statistics Canada  
Transportation Division

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

January 2012

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

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## Highlights

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There were 355,410 aircraft take-offs and landings at the 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations in January 2012 compared with 357,769 movements in January 2011.

Itinerant movements (flights from one airport to another) increased 2.7% (+7,247 movements) in January 2012 from the same month the previous year. These airports reported 274,551 movements compared with 267,304 movements in January 2011.

In January 2012, there were 80,859 local movements (flights that remain in the vicinity of the airport) recorded. This represents a decrease of 10.6% (-9,606 movements) compared with the previous year.

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

	NAV CANADA towers number	Percentage change, January 2011 to January 2012	NAV CANADA Flight Service Stations number	Percentage change, January 2011 to January 2012	Total number	Percentage change, January 2011 to January 2012
	number	percent	number	percent	number	percent
<b>Grand total</b>	<b>287,451</b>	<b>-0.9</b>	<b>67,959</b>	<b>0.3</b>	<b>355,410</b>	<b>-0.7</b>
<b>Itinerant movements</b>						
Air carriers	191,166	3.1	43,002	2.9	234,168	3.1
Other commercial movements	12,768	6.1	1,772	11.1	14,540	6.7
Private movements	14,189	-3.5	4,781	-3.6	18,970	-3.6
Government civil movements	3,502	2.6	1,408	-2.8	4,910	1.0
Government military movements	1,544	10.0	419	-25.3	1,963	-0.1
Itinerant total	223,169	2.9	51,382	2.0	274,551	2.7
<b>Local movements</b>						
Civil local movements	63,942	-12.2	16,373	-4.8	80,315	-10.8
Military local movements	340	16.4	204	29.9	544	21.2
Local total	64,282	-12.1	16,577	-4.5	80,859	-10.6

## Analysis

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There were 355,410 aircraft take-offs and landings at the 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations in January 2012 compared with 357,769 movements in January 2011. Year-over-year increases were reported by 50 airports. Toronto/Lester B. Pearson International, Ontario (35,300 movements) followed by Vancouver International, British Columbia (22,711 movements) were the most active sites in January 2012.

Itinerant movements (flights from one airport to another) increased 2.7% (+7,247 movements) in January 2012 from the same month the previous year. These airports reported 274,551 movements compared with 267,304 movements in January 2011. Year-over-year variations ranged from an increase of 1,535 movements (+36.2%) at Toronto/Billy Bishop Toronto City, Ontario to a drop of 875 movements (-22.8%) at Moncton/Greater Moncton International, New Brunswick. Fifty-five airports reported year-over-year increases in the number of itinerant aircraft movements in January 2012.

In January 2012, there were 80,859 local movements (flights that remain in the vicinity of the airport) recorded. This represents a decrease of 10.6% (-9,606 movements) compared with the previous year. Calgary/Springbank, Alberta (5,152 movements) followed by Fredericton International, New Brunswick (3,990 movements) recorded the largest number of local movements.

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

There were 221,400 domestic itinerant movements reported by 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations in January 2012, up 3.3% (+7,003 movements) from January 2011. Vancouver International, British Columbia (16,486 movements) followed by Calgary International, Alberta (15,334 movements) reported the greatest number of domestic itinerant movements. Fifty-five airports reported year-over-year increases in the number of domestic movements in January 2012.

Sixty-eight airports recorded 39,689 transborder itinerant movements (between Canada and the United States) in January 2012, no change from January 2011. Toronto/Lester B. Pearson International, Ontario (15,144 movements) reported the greatest number of transborder itinerant movements.

In January 2012, thirty-two airports reported 13,462 other international itinerant movements, up 1.1% from January 2011. Toronto/Lester B. Pearson International, Ontario, recorded 5,854 other international itinerant movements. This represents 43.5% 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)
51-203-X	Air Carrier Traffic at Canadian Airports
51-206-X	Canadian Civil Aviation
51-209-X	Aircraft Movement Statistics: NAV CANADA Towers and Flight Service Stations: Annual Report (TP 577)
51-210-X	Aircraft Movement Statistics: Airports Without Air Traffic Control Towers: Annual Report (TP 577)

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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 maximum take-off weight, airports with NAV CANADA towers, monthly
401-0013	Domestic and international itinerant movements, by type of operation, airports with NAV CANADA towers, monthly
401-0014	Aircraft movements, by class of operation and peak hour and peak day of movements, airports with NAV CANADA flight service stations, monthly
401-0015	Aircraft movements, by civil and military movements, airports with NAV CANADA flight service stations, monthly
401-0016	Itinerant movements, by type of operation, airports with NAV CANADA flight service stations, monthly
401-0017	Itinerant movements, by instrument flight rules, visual flight rules and runway 88, airports with NAV CANADA flight service stations, monthly

- 401-0018 Itinerant movements, by type of power plant, airports with NAV CANADA flight service stations, monthly
- 401-0019 Itinerant movements, by aircraft maximum take-off weight, airports with NAV CANADA flight service stations, monthly
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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**

- 
- *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	16	6,193	30	2,217	3	3,976
Boundary Bay	18	6,043	27	2,405	5	3,638
Calgary International	3	19,573	3	19,473	39	100
Calgary/Springbank	9	8,397	17	3,245	1	5,152
Chicoutimi/St-Honoré	40	1,525	40	521	25	1,004
Edmonton City Centre	27	3,742	14	3,448	33	294
Edmonton International	6	11,945	5	11,669	34	276
Edmonton/Villeneuve	31	3,105	41	459	9	2,646
Fort McMurray	29	3,216	22	3,052	37	164
Fredericton International	13	7,280	16	3,290	2	3,990
Gander International	38	1,857	35	1,329	30	528
Halifax/Robert L. Stanfield International	15	6,625	8	6,233	32	392
Hamilton	36	2,191	31	1,715	31	476
Kelowna	22	4,509	15	3,317	21	1,192
Kitchener/Waterloo	20	5,168	26	2,482	8	2,686
Langley	35	2,194	38	1,142	23	1,052
London	21	5,056	25	2,742	11	2,314
Moncton/Greater Moncton International	24	4,342	23	2,960	20	1,382
Montréal/Pierre Elliott Trudeau International	4	18,700	4	18,624	40	76
Montréal/St-Hubert	19	5,697	20	3,153	10	2,544
Oshawa	33	2,923	34	1,493	18	1,430
Ottawa/Macdonald-Cartier International	5	12,425	6	10,441	14	1,984
Pitt Meadows	30	3,159	37	1,189	15	1,970
Prince George	37	2,089	33	1,523	28	566
Québec/Jean Lesage International	12	7,635	9	5,941	17	1,694
Regina International	26	4,273	18	3,239	24	1,034
Saskatoon/John G. Diefenbaker International	14	6,706	12	4,974	16	1,732
Sault Ste. Marie	32	2,962	32	1,564	19	1,398
St. John's International	28	3,279	21	3,063	36	216
St-Jean	42	966	42	292	27	674
Thunder Bay	11	7,795	13	4,509	6	3,286
Toronto/Billy Bishop Toronto City	10	8,042	10	5,776	12	2,266
Toronto/Buttonville Municipal	23	4,457	29	2,309	13	2,148
Toronto/Lester B. Pearson International	1	35,300	1	35,226	41	74
Vancouver Harbour	34	2,868	24	2,868	0	0
Vancouver International	2	22,711	2	22,605	38	106
Victoria International	8	8,650	11	5,474	7	3,176
Whitehorse International	41	1,213	39	957	35	256
Windsor	39	1,769	36	1,211	29	558
Winnipeg/James Armstrong Richardson International	7	10,380	7	9,512	26	868
Winnipeg/St. Andrews	17	6,150	28	2,328	4	3,822
Yellowknife	25	4,341	19	3,199	22	1,142
<b>Total of NAV CANADA towers (42)</b>	.	<b>287,451</b>	.	<b>223,169</b>	.	<b>64,282</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	23	1,327	36	657	10	670
Campbell River	21	1,414	25	910	12	504
Castlegar	40	622	50	356	18	266
Charlottetown	39	771	34	685	28	86
Churchill	41	620	38	620	0	0
Cranbrook	38	785	31	767	38	18
Deer Lake	26	1,297	16	1,211	27	86
Fort Nelson	19	1,471	11	1,387	29	84
Fort St. John	15	1,578	15	1,314	19	264
Grande Prairie	2	2,969	4	1,979	5	990
High Level	44	570	47	488	30	82
Îles-de-la-Madeleine	49	478	48	469	43	9
Inuvik/Mike Zubko	47	534	42	526	44	8
Iqaluit	29	1,221	17	1,167	32	54
Kamloops	13	1,709	10	1,389	16	320
Kenora	34	858	37	620	20	238
Kingston	11	1,773	18	1,093	9	680
Kuujuaq	36	827	32	757	31	70
La Grande Rivière	43	585	40	585	0	0
La Ronge	17	1,487	14	1,329	23	158
Lethbridge	25	1,303	26	869	13	434
Lloydminster	24	1,307	35	665	11	642
Medicine Hat	30	1,157	28	835	15	322
Mont-Joli	48	507	46	495	41	12
Montréal/Mirabel International	9	1,869	19	1,080	7	789
Nanaimo	20	1,454	20	1,038	14	416
Norman Wells	37	810	30	780	37	30
North Bay	1	3,985	13	1,339	1	2,646
Ottawa/Gatineau	3	2,595	22	965	2	1,630
Peace River	45	563	43	521	35	42
Penticton	27	1,294	41	554	8	740
Port Hardy	46	560	44	508	34	52
Prince Albert	18	1,478	8	1,472	46	6
Prince Rupert	51	261	51	253	45	8
Rankin Inlet	35	850	27	850	0	0
Red Deer Regional	4	2,550	9	1,396	3	1,154
Rouyn-Noranda	32	985	23	951	36	34
Saint John	28	1,275	21	969	17	306
Sept-Îles	8	2,005	5	1,879	24	126
Sioux Lookout	7	2,294	2	2,277	39	17
Smithers	50	417	49	417	0	0
St. Catharines	14	1,689	33	697	4	992
Sudbury	6	2,300	3	2,090	21	210
Terrace	33	899	29	811	26	88
Thompson	5	2,443	1	2,427	40	16
Timmins	12	1,741	7	1,731	42	10
Val-d'Or	31	1,114	24	948	22	166
Victoria Harbour	10	1,792	6	1,788	47	4
Wabush	22	1,403	12	1,351	33	52
Whitecourt	16	1,543	39	615	6	928
Williams Lake	42	620	45	502	25	118
<b>Total of all flight service stations (51)</b>	.	<b>67,959</b>	.	<b>51,382</b>	.	<b>16,577</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	6,174	1,809	389	3,976	19	19
Boundary Bay	6,039	1,725	676	3,638	4	4
Calgary International	19,553	18,181	1,272	100	20	20
Calgary/Springbank	8,397	2,243	1,002	5,152	0	0
Chicoutimi/St-Honoré	1,525	480	41	1,004	0	0
Edmonton City Centre	3,737	2,436	1,007	294	5	5
Edmonton International	11,903	10,964	667	272	42	38
Edmonton/Villeneuve	3,105	272	187	2,646	0	0
Fort McMurray	3,216	2,528	524	164	0	0
Fredericton International	7,251	3,171	100	3,980	29	19
Gander International	1,688	1,029	133	526	169	167
Halifax/Robert L. Stanfield International	6,425	5,918	207	300	200	108
Hamilton	2,189	1,462	251	476	2	2
Kelowna	4,485	3,084	225	1,176	24	8
Kitchener/Waterloo	5,167	1,911	570	2,686	1	1
Langley	2,194	667	475	1,052	0	0
London	5,054	2,336	404	2,314	2	0
Moncton/Greater Moncton International	4,330	2,768	192	1,370	12	0
Montréal/Pierre Elliott Trudeau International	18,689	17,734	879	76	11	11
Montréal/St-Hubert	5,619	2,438	637	2,544	78	78
Oshawa	2,917	1,084	403	1,430	6	6
Ottawa/Macdonald-Cartier International	12,249	9,831	434	1,984	176	176
Pitt Meadows	3,159	725	464	1,970	0	0
Prince George	2,089	1,348	175	566	0	0
Québec/Jean Lesage International	7,578	5,312	580	1,686	57	49
Regina International	4,128	2,792	416	920	145	31
Saskatoon/John G. Diefenbaker International	6,568	4,406	506	1,656	138	62
Sault Ste. Marie	2,958	1,502	58	1,398	4	4
St. John's International	3,153	2,736	203	214	126	124
St-Jean	922	148	100	674	44	44
Thunder Bay	7,770	4,267	221	3,282	25	21
Toronto/Billy Bishop Toronto City	8,039	5,594	179	2,266	3	3
Toronto/Buttonville Municipal	4,457	1,496	813	2,148	0	0
Toronto/Lester B. Pearson International	35,290	34,264	952	74	10	10
Vancouver Harbour	2,865	2,832	33	0	3	3
Vancouver International	22,702	21,856	740	106	9	9
Victoria International	8,494	4,788	530	3,176	156	156
Whitehorse International	1,206	838	112	256	7	7
Windsor	1,761	1,032	171	558	8	8
Winnipeg/James Armstrong Richardson International	10,137	8,754	515	868	243	243
Winnipeg/St. Andrews	6,145	2,151	172	3,822	5	5
Yellowknife	4,240	3,022	76	1,142	101	101
<b>Total of NAV CANADA towers (42)</b>	<b>285,567</b>	<b>203,934</b>	<b>17,691</b>	<b>63,942</b>	<b>1,884</b>	<b>1,544</b>
						<b>340</b>

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

	Civil movements			Military movements		
	Total	Itinerant		Local	Total	Itinerant
		Commercial	Private and government			
number						
Brandon Municipal	1,128	283	219	626	199	155
Campbell River	1,403	788	117	498	11	5
Castlegar	620	344	10	266	2	0
Charlottetown	743	586	97	60	28	2
Churchill	620	604	16	0	0	0
Cranbrook	776	691	67	18	9	0
Deer Lake	1,289	1,134	69	86	8	8
Fort Nelson	1,469	1,344	41	84	2	2
Fort St. John	1,575	1,140	171	264	3	3
Grande Prairie	2,969	1,670	309	990	0	0
High Level	570	449	39	82	0	0
Îles-de-la-Madeleine	478	419	50	9	0	0
Inuvik/Mike Zubko	532	506	18	8	2	0
Iqaluit	1,217	1,103	60	54	4	4
Kamloops	1,693	1,162	211	320	16	16
Kenora	814	569	33	212	44	18
Kingston	1,759	843	236	680	14	14
Kuujjuaq	827	731	26	70	0	0
La Grande Rivière	585	577	8	0	0	0
La Ronge	1,487	1,277	52	158	0	0
Lethbridge	1,271	625	238	408	32	6
Lloydminster	1,295	475	180	640	12	10
Medicine Hat	1,145	657	166	322	12	12
Mont-Joli	501	449	40	12	6	6
Montréal/Mirabel International	1,832	847	218	767	37	15
Nanaimo	1,448	750	282	416	6	6
Norman Wells	800	762	8	30	10	0
North Bay	3,965	1,130	195	2,640	20	14
Ottawa/Gatineau	2,555	518	417	1,620	40	30
Peace River	563	454	67	42	0	0
Penticton	1,290	440	110	740	4	4
Port Hardy	550	446	54	50	10	8
Prince Albert	1,474	1,325	143	6	4	4
Prince Rupert	259	225	26	8	2	0
Rankin Inlet	850	840	10	0	0	0
Red Deer Regional	2,548	853	541	1,154	2	2
Rouyn-Noranda	983	833	116	34	2	2
Saint John	1,270	750	214	306	5	0
Sept-Îles	2,005	1,765	114	126	0	0
Sioux Lookout	2,290	2,218	55	17	4	4
Smithers	417	394	23	0	0	0
St. Catharines	1,687	474	221	992	2	2
Sudbury	2,290	1,883	197	210	10	10
Terrace	897	756	53	88	2	0
Thompson	2,443	2,288	139	16	0	0
Timmins	1,741	1,645	86	10	0	0
Val-d'Or	1,110	849	95	166	4	4
Victoria Harbour	1,789	1,683	102	4	3	0
Wabush	1,401	1,258	91	52	2	0
Whitecourt	1,543	519	96	928	0	0
Williams Lake	570	443	43	84	50	16
<b>Total of all flight service stations (51)</b>	<b>67,336</b>	<b>44,774</b>	<b>6,189</b>	<b>16,373</b>	<b>623</b>	<b>419</b>
						<b>204</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	2,217	467	1,278	64	334	55	19
Boundary Bay	2,405	16	569	1,140	662	14	4
Calgary International	19,473	17,116	709	356	1,142	130	20
Calgary/Springbank	3,245	12	556	1,675	998	4	0
Chicoutimi/St-Honoré	521	288	9	183	39	2	0
Edmonton City Centre	3,448	1,047	472	917	452	555	5
Edmonton International	11,669	10,727	206	31	664	3	38
Edmonton/Villeneuve	459	0	13	259	187	0	0
Fort McMurray	3,052	1,796	689	43	502	22	0
Fredericton International	3,290	661	2,509	1	70	30	19
Gander International	1,329	960	53	16	124	9	167
Halifax/Robert L. Stanfield International	6,233	5,595	304	19	164	43	108
Hamilton	1,715	1,374	78	10	147	104	2
Kelowna	3,317	2,577	330	177	186	39	8
Kitchener/Waterloo	2,482	369	1,510	32	570	0	1
Langley	1,142	2	83	582	471	4	0
London	2,742	1,147	328	861	331	73	2
Moncton/Greater Moncton International	2,960	1,673	1,094	1	68	124	0
Montréal/Pierre Elliott Trudeau International	18,624	16,941	752	41	699	180	11
Montréal/St-Hubert	3,153	1,598	489	351	575	62	78
Oshawa	1,493	30	83	971	335	68	6
Ottawa/Macdonald-Cartier International	10,441	8,044	235	1,552	206	228	176
Pitt Meadows	1,189	5	576	144	452	12	0
Prince George	1,523	1,145	191	12	98	77	0
Québec/Jean Lesage International	5,941	4,021	1,095	196	278	302	49
Regina International	3,239	2,301	455	36	281	135	31
Saskatoon/John G. Diefenbaker International	4,974	3,428	706	272	235	271	62
Sault Ste. Marie	1,564	1,061	38	403	30	28	4
St. John's International	3,063	2,456	270	10	53	150	124
St-Jean	292	0	101	47	100	0	44
Thunder Bay	4,509	3,216	203	848	125	96	21
Toronto/Billy Bishop Toronto City	5,776	4,441	465	688	171	8	3
Toronto/Buttonville Municipal	2,309	218	1,264	14	797	16	0
Toronto/Lester B. Pearson International	35,226	33,714	530	20	940	12	10
Vancouver Harbour	2,868	2,635	195	2	33	0	3
Vancouver International	22,605	20,691	1,084	81	579	161	9
Victoria International	5,474	2,935	1,583	270	493	37	156
Whitehorse International	957	644	194	0	84	28	7
Windsor	1,211	548	479	5	167	4	8
Winnipeg/James Armstrong Richardson International	9,512	8,492	238	24	161	354	243
Winnipeg/St. Andrews	2,328	472	1,265	414	170	2	5
Yellowknife	3,199	2,760	262	0	16	60	101
<b>Total of NAV CANADA towers (42)</b>	<b>223,169</b>	<b>167,623</b>	<b>23,543</b>	<b>12,768</b>	<b>14,189</b>	<b>3,502</b>	<b>1,544</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	657	114	153	16	193	26	155
Campbell River	910	590	130	68	99	18	5
Castlegar	356	202	101	41	10	0	2
Charlottetown	685	577	9	0	70	27	
Churchill	620	592	8	4	2	14	0
Cranbrook	767	648	36	7	63	4	9
Deer Lake	1,211	1,108	26	0	4	65	8
Fort Nelson	1,387	553	791	0	33	8	2
Fort St. John	1,314	804	336	0	151	20	3
Grande Prairie	1,979	1,046	498	126	269	40	0
High Level	488	319	130	0	29	10	0
Îles-de-la-Madeleine	469	313	106	0	6	44	0
Inuvik/Mike Zubko	526	432	47	27	0	18	2
Iqaluit	1,167	1,009	29	65	33	27	4
Kamloops	1,389	955	206	1	180	31	16
Kenora	620	463	96	10	9	24	18
Kingston	1,093	441	184	218	220	16	14
Kuujjuaq	757	716	13	2	8	18	0
La Grande Rivière	585	465	108	4	4	4	0
La Ronge	1,329	1,273	4	0	4	48	0
Lethbridge	869	421	18	186	216	22	6
Lloydminster	665	227	234	14	164	16	10
Medicine Hat	835	513	131	13	157	9	12
Mont-Joli	495	365	84	0	18	22	6
Montréal/Mirabel International	1,080	718	101	28	218	0	15
Nanaimo	1,038	351	367	32	277	5	6
Norman Wells	780	463	299	0	0	8	10
North Bay	1,339	573	346	211	167	28	14
Ottawa/Gatineau	965	74	244	200	373	44	30
Peace River	521	413	39	2	39	28	0
Penticton	554	267	163	10	104	6	4
Port Hardy	508	407	31	8	24	30	8
Prince Albert	1,472	1,281	32	12	63	80	4
Prince Rupert	253	225	0	0	4	22	2
Rankin Inlet	850	840	0	0	6	4	0
Red Deer Regional	1,396	167	537	149	531	10	2
Rouyn-Noranda	951	671	160	2	80	36	2
Saint John	969	656	60	34	214	0	5
Sept-Îles	1,879	1,254	495	16	40	74	0
Sioux Lookout	2,277	1,972	166	80	9	46	4
Smithers	417	354	40	0	10	13	0
St. Catharines	697	8	435	31	211	10	2
Sudbury	2,090	1,679	188	16	114	83	10
Terrace	811	538	218	0	26	27	2
Thompson	2,427	2,013	275	0	8	131	0
Timmins	1,731	1,564	81	0	54	32	0
Val-d'Or	948	786	61	2	70	25	4
Victoria Harbour	1,788	1,681	2	0	9	93	3
Wabush	1,351	1,054	204	0	83	8	2
Whitecourt	615	52	330	137	72	24	0
Williams Lake	502	401	42	0	33	10	16
<b>Total of all flight service stations (51)</b>	<b>51,382</b>	<b>34,608</b>	<b>8,394</b>	<b>1,772</b>	<b>4,781</b>	<b>1,408</b>	<b>419</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	2,217	625	28.1	1,592	71.8	885
Boundary Bay	2,405	156	6.4	2,249	93.5	377
Calgary International	19,473	18,670	95.8	803	4.1	352
Calgary/Springbank	3,245	258	7.9	2,987	92.0	74
Chicoutimi/St-Honoré	521	99	19.0	422	80.9	41
Edmonton City Centre	3,448	1,729	50.1	1,719	49.8	1,076
Edmonton International	11,669	11,283	96.6	386	3.3	503
Edmonton/Villeneuve	459	34	7.4	425	92.5	88
Fort McMurray	3,052	2,219	72.7	833	27.2	122
Fredericton International	3,290	874	26.5	2,416	73.4	193
Gander International	1,329	999	75.1	330	24.8	51
Halifax/Robert L. Stanfield International	6,233	6,000	96.2	233	3.7	128
Hamilton	1,715	1,529	89.1	186	10.8	551
Kelowna	3,317	2,617	78.8	700	21.1	319
Kitchener/Waterloo	2,482	582	23.4	1,900	76.5	285
Langley	1,142	18	1.5	1,124	98.4	269
London	2,742	1,257	45.8	1,485	54.1	205
Moncton/Greater Moncton International	2,960	1,820	61.4	1,140	38.5	56
Montréal/Pierre Elliott Trudeau International	18,624	18,352	98.5	272	1.4	467
Montréal/St-Hubert	3,153	1,374	43.5	1,779	56.4	419
Oshawa	1,493	104	6.9	1,389	93.0	320
Ottawa/Macdonald-Cartier International	10,441	8,589	82.2	1,852	17.7	250
Pitt Meadows	1,189	19	1.5	1,170	98.4	971
Prince George	1,523	1,252	82.2	271	17.7	130
Québec/Jean Lesage International	5,941	4,884	82.2	1,057	17.7	420
Regina International	3,239	2,616	80.7	623	19.2	53
Saskatoon/John G. Diefenbaker International	4,974	3,866	77.7	1,108	22.2	112
Sault Ste. Marie	1,564	1,126	71.9	438	28.0	41
St. John's International	3,063	2,812	91.8	251	8.1	66
St-Jean	292	0	0.0	292	100.0	142
Thunder Bay	4,509	3,374	74.8	1,135	25.1	90
Toronto/Billy Bishop Toronto City	5,776	4,601	79.6	1,175	20.3	987
Toronto/Buttonville Municipal	2,309	454	19.6	1,855	80.3	615
Toronto/Lester B. Pearson International	35,226	35,197	99.9	29	0.0	111
Vancouver Harbour	2,868	38	1.3	2,830	98.6	782
Vancouver International	22,605	20,024	88.5	2,581	11.4	5,511
Victoria International	5,474	3,278	59.8	2,196	40.1	2,111
Whitehorse International	957	517	54.0	440	45.9	132
Windsor	1,211	684	56.4	527	43.5	55
Winnipeg/James Armstrong Richardson International	9,512	8,810	92.6	702	7.3	191
Winnipeg/St. Andrews	2,328	63	2.7	2,265	97.2	63
Yellowknife	3,199	1,995	62.3	1,204	37.6	231
<b>Total of NAV CANADA towers (42)</b>	<b>223,169</b>	<b>174,798</b>	<b>78.3</b>	<b>48,371</b>	<b>21.7</b>	<b>19,845</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	657	202	30.7	455	69.2	9
Campbell River	910	493	54.1	417	45.8	175
Castlegar	356	193	54.2	163	45.7	41
Charlottetown	685	628	91.6	57	8.3	28
Churchill	620	618	99.6	2	0.3	3
Cranbrook	767	691	90.0	76	9.9	32
Deer Lake	1,211	1,191	98.3	20	1.6	2
Fort Nelson	1,387	580	41.8	807	58.1	44
Fort St. John	1,314	870	66.2	444	33.7	37
Grande Prairie	1,979	1,240	62.6	739	37.3	76
High Level	488	264	54.0	224	45.9	25
Îles-de-la-Madeleine	469	375	79.9	94	20.0	87
Inuvik/Mike Zubko	526	249	47.3	277	52.6	5
Iqaluit	1,167	1,049	89.8	118	10.1	0
Kamloops	1,389	1,086	78.1	303	21.8	243
Kenora	620	435	70.1	185	29.8	83
Kingston	1,093	510	46.6	583	53.3	88
Kuujuaq	757	356	47.0	401	52.9	4
La Grande Rivière	585	505	86.3	80	13.6	74
La Ronge	1,329	674	50.7	655	49.2	305
Lethbridge	869	524	60.2	345	39.7	10
Lloydminster	665	238	35.7	427	64.2	11
Medicine Hat	835	494	59.1	341	40.8	72
Mont-Joli	495	479	96.7	16	3.2	4
Montréal/Mirabel International	1,080	851	78.7	229	21.2	365
Nanaimo	1,038	470	45.2	568	54.7	402
Norman Wells	780	181	23.2	599	76.7	111
North Bay	1,339	660	49.2	679	50.7	348
Ottawa/Gatineau	965	157	16.2	808	83.7	122
Peace River	521	407	78.1	114	21.8	14
Penticton	554	267	48.1	287	51.8	45
Port Hardy	508	204	40.1	304	59.8	114
Prince Albert	1,472	1,331	90.4	141	9.5	29
Prince Rupert	253	195	77.0	58	22.9	2
Rankin Inlet	850	848	99.7	2	0.2	0
Red Deer Regional	1,396	313	22.4	1,083	77.5	221
Rouyn-Noranda	951	929	97.6	22	2.3	9
Saint John	969	819	84.5	150	15.4	25
Sept-Îles	1,879	1,588	84.5	291	15.4	158
Sioux Lookout	2,277	1,893	83.1	384	16.8	149
Smithers	417	361	86.5	56	13.4	169
St. Catharines	697	88	12.6	609	87.3	133
Sudbury	2,090	1,755	83.9	335	16.0	51
Terrace	811	574	70.7	237	29.2	121
Thompson	2,427	1,766	72.7	661	27.2	9
Timmins	1,731	1,628	94.0	103	5.9	36
Val-d'Or	948	808	85.2	140	14.7	81
Victoria Harbour	1,788	64	3.5	1,724	96.4	394
Wabush	1,351	1,238	91.6	113	8.3	60
Whitecourt	615	97	15.7	518	84.2	30
Williams Lake	502	426	84.8	76	15.1	62
<b>Total of all flight service stations (51)</b>	<b>51,382</b>	<b>33,862</b>	<b>65.9</b>	<b>17,520</b>	<b>34.1</b>	<b>4,718</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	2,217	466	118	830	803	0
Boundary Bay	2,405	7	49	2,147	202	0
Calgary International	19,473	13,103	5,455	234	681	0
Calgary/Springbank	3,245	34	61	2,523	627	0
Chicoutimi/St-Honoré	521	2	119	272	127	1
Edmonton City Centre	3,448	290	1,379	1,158	621	0
Edmonton International	11,669	6,957	4,400	297	15	0
Edmonton/Villeneuve	459	14	9	409	27	0
Fort McMurray	3,052	1,187	1,175	378	312	0
Fredericton International	3,290	64	814	2,333	79	0
Gander International	1,329	380	544	290	115	0
Halifax/Robert L. Stanfield International	6,233	3,289	2,632	94	218	0
Hamilton	1,715	1,037	495	68	115	0
Kelowna	3,317	1,240	1,372	462	243	0
Kitchener/Waterloo	2,482	180	351	1,833	118	0
Langley	1,142	0	1	864	277	0
London	2,742	394	916	1,346	82	4
Moncton/Greater Moncton International	2,960	858	930	1,124	48	0
Montréal/Pierre Elliott Trudeau International	18,624	12,315	6,005	182	122	0
Montréal/St-Hubert	3,153	185	888	1,921	159	0
Oshawa	1,493	22	63	1,325	83	0
Ottawa/Macdonald-Cartier International	10,441	5,960	2,694	1,600	187	0
Pitt Meadows	1,189	3	6	1,066	114	0
Prince George	1,523	468	809	101	145	0
Québec/Jean Lesage International	5,941	1,305	3,488	692	456	0
Regina International	3,239	1,825	695	676	43	0
Saskatoon/John G. Diefenbaker International	4,974	1,969	1,833	1,145	27	0
Sault Ste. Marie	1,564	56	1,067	422	19	0
St. John's International	3,063	1,169	1,591	13	290	0
St-Jean	292	0	0	254	37	1
Thunder Bay	4,509	396	2,964	935	214	0
Toronto/Billy Bishop Toronto City	5,776	14	4,557	1,004	201	0
Toronto/Buttonville Municipal	2,309	55	271	1,815	168	0
Toronto/Lester B. Pearson International	35,226	28,756	6,429	41	0	0
Vancouver Harbour	2,868	0	1,568	741	559	0
Vancouver International	22,605	11,933	8,594	1,561	517	0
Victoria International	5,474	1,017	2,092	1,970	395	0
Whitehorse International	957	320	344	167	126	0
Windsor	1,211	65	694	428	24	0
Winnipeg/James Armstrong Richardson International	9,512	5,046	3,929	375	162	0
Winnipeg/St. Andrews	2,328	0	539	1,642	147	0
Yellowknife	3,199	575	2,155	224	245	0
<b>Total of NAV CANADA towers (42)</b>	<b>223,169</b>	<b>102,956</b>	<b>74,095</b>	<b>36,962</b>	<b>9,150</b>	<b>6</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	657	61	228	306	62	0
Campbell River	910	3	605	135	167	0
Castlegar	356	0	204	51	101	0
Charlottetown	685	269	339	47	30	0
Churchill	620	10	604	6	0	0
Cranbrook	767	22	612	109	24	0
Deer Lake	1,211	200	989	6	16	0
Fort Nelson	1,387	111	474	69	733	0
Fort St. John	1,314	283	603	111	317	0
Grande Prairie	1,979	252	895	456	376	0
High Level	488	14	333	87	54	0
Îles-de-la-Madeleine	469	22	345	102	0	0
Inuvik/Mike Zubko	526	78	368	8	72	0
Iqaluit	1,167	323	814	6	24	0
Kamloops	1,389	145	927	171	146	0
Kenora	620	0	428	99	93	0
Kingston	1,093	35	469	514	75	0
Kuujuaq	757	140	608	0	9	0
La Grande Rivière	585	82	499	4	0	0
La Ronge	1,329	0	1,113	156	60	0
Lethbridge	869	43	451	366	8	1
Lloydminster	665	22	257	366	20	0
Medicine Hat	835	13	486	314	22	0
Mont-Joli	495	16	455	12	12	0
Montréal/Mirabel International	1,080	503	308	160	109	0
Nanaimo	1,038	22	351	630	35	0
Norman Wells	780	154	246	81	299	0
North Bay	1,339	72	620	137	510	0
Ottawa/Gatineau	965	6	173	670	116	0
Peace River	521	8	420	61	32	0
Penticton	554	21	288	79	166	0
Port Hardy	508	4	371	72	61	0
Prince Albert	1,472	22	1,342	75	33	0
Prince Rupert	253	13	192	0	48	0
Rankin Inlet	850	203	647	0	0	0
Red Deer Regional	1,396	46	265	1,039	46	0
Rouyn-Noranda	951	114	819	18	0	0
Saint John	969	142	669	127	31	0
Sept-Îles	1,879	56	1,487	178	158	0
Sioux Lookout	2,277	4	1,972	291	10	0
Smithers	417	14	357	7	39	0
St. Catharines	697	16	24	580	77	0
Sudbury	2,090	24	1,692	157	217	0
Terrace	811	30	557	5	219	0
Thompson	2,427	15	2,060	216	136	0
Timmins	1,731	11	1,642	50	28	0
Val-d'Or	948	87	752	64	45	0
Victoria Harbour	1,788	0	1,116	62	610	0
Wabush	1,351	27	1,151	75	98	0
Whitecourt	615	14	84	74	443	0
Williams Lake	502	14	417	39	32	0
<b>Total of all flight service stations (51)</b>	<b>51,382</b>	<b>3,786</b>	<b>33,128</b>	<b>8,448</b>	<b>6,019</b>	<b>1</b>

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

	Maximum take-off weight in kilograms									
	2,000 and under	2,001 to 4,000	4,001 to 5,670	5,671 to 9,000	9,001 to 18,000	18,001 to 35,000	35,001 to 70,000	70,001 to 90,000	90,001 to 136,000	136,001 and over
	number									
Abbotsford	1,385	184	138	26	13	20	440	11	0	0
Boundary Bay	2,197	141	61	6	0	0	0	0	0	0
Calgary International	531	418	1,545	1,842	997	4,517	7,938	726	234	725
Calgary/Springbank	2,841	281	101	18	2	0	2	0	0	0
Chicoutimi/St-Honoré	330	75	113	3	0	0	0	0	0	0
Edmonton City Centre	1,452	339	1,253	279	105	20	0	0	0	0
Edmonton International	226	159	806	1,179	626	2,931	5,129	272	171	170
Edmonton/Villeneuve	402	38	12	7	0	0	0	0	0	0
Fort McMurray	568	293	459	357	68	864	443	0	0	0
Fredericton International	2,354	124	214	222	112	258	4	2	0	0
Gander International	247	14	39	464	211	206	26	82	24	16
Halifax/Robert L. Stanfield International	42	206	278	1,065	749	1,518	1,930	177	177	91
Hamilton	113	212	137	299	92	47	272	10	413	120
Kelowna	601	90	197	534	71	773	1,042	0	9	0
Kitchener/Waterloo	1,890	79	329	52	58	12	61	1	0	0
Langley	1,047	60	29	1	5	0	0	0	0	0
London	1,353	82	207	129	419	387	163	0	2	0
Moncton/Greater Moncton International	1,143	110	114	444	48	654	193	2	252	0
Montréal/Pierre Elliott Trudeau International	198	92	728	674	2,680	5,935	5,383	1,575	14	1,345
Montréal/St-Hubert	1,492	551	631	326	135	4	4	10	0	0
Oshawa	1,340	58	26	31	38	0	0	0	0	0
Ottawa/Macdonald-Cartier International	1,605	139	897	350	491	3,178	3,089	330	40	322
Pitt Meadows	1,105	73	4	1	6	0	0	0	0	0
Prince George	205	43	141	552	18	374	190	0	0	0
Québec/Jean Lesage International	933	213	734	585	1,229	1,720	404	12	0	111
Regina International	565	138	338	362	47	862	773	2	81	71
Saskatoon/John G. Diefenbaker International	895	307	630	727	207	1,193	892	0	42	81
Sault Ste. Marie	415	63	528	57	184	281	36	0	0	0
St. John's International	17	20	208	609	630	579	787	113	86	14
St-Jean	292	0	0	0	0	0	0	0	0	0
Thunder Bay	948	155	2,010	207	69	875	238	6	1	0
Toronto/Billy Bishop Toronto City	1,038	39	238	185	2	4,274	0	0	0	0
Toronto/Buttonville Municipal	1,821	157	257	43	15	16	0	0	0	0
Toronto/Lester B. Pearson International	3	181	302	1,765	3,438	7,716	14,236	3,857	500	3,228
Vancouver Harbour	29	2,107	729	0	3	0	0	0	0	0
Vancouver International	247	2,458	751	2,532	1,762	4,819	6,364	1,128	429	2,115
Victoria International	1,728	683	112	420	798	1,108	551	42	32	0
Whitehorse International	249	88	130	100	2	228	158	2	0	0
Windsor	406	183	88	79	297	146	10	2	0	0
Winnipeg/James Armstrong Richardson International	227	384	2,692	292	842	1,779	2,297	276	602	121
Winnipeg/St. Andrews	1,675	584	68	0	1	0	0	0	0	0
Yellowknife	266	441	786	224	199	686	490	107	0	0
<b>Total of NAV CANADA towers (42)</b>	<b>36,421</b>	<b>12,062</b>	<b>19,060</b>	<b>17,048</b>	<b>16,669</b>	<b>47,980</b>	<b>53,545</b>	<b>8,745</b>	<b>3,109</b>	<b>8,530</b>

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

	Maximum take-off weight in kilograms									
	2,000 and under	2,001 to 4,000	4,001 to 5,670	5,671 to 9,000	9,001 to 18,000	18,001 to 35,000	35,001 to 70,000	70,001 to 90,000	90,001 to 136,000	136,001 and over
	number									
Brandon Municipal	288	56	184	31	46	26	0	26	0	0
Campbell River	272	21	17	449	146	0	5	0	0	0
Castlegar	145	5	4	46	51	105	0	0	0	0
Charlottetown	33	122	29	174	66	174	87	0	0	0
Churchill	0	6	79	18	141	376	0	0	0	0
Cranbrook	56	65	50	328	86	182	0	0	0	0
Deer Lake	12	4	26	415	487	169	96	2	0	0
Fort Nelson	428	47	432	168	142	103	67	0	0	0
Fort St. John	390	44	180	279	123	276	22	0	0	0
Grande Prairie	533	304	390	96	17	445	194	0	0	0
High Level	121	76	162	129	0	0	0	0	0	0
Îles-de-la-Madeleine	2	100	108	93	144	22	0	0	0	0
Inuvik/Mike Zubko	28	38	327	4	2	51	76	0	0	0
Iqaluit	2	4	290	94	225	291	203	6	10	42
Kamloops	175	102	99	253	148	538	74	0	0	0
Kenora	99	15	492	0	10	0	0	4	0	0
Kingston	555	16	45	280	177	12	8	0	0	0
Kuujjuaq	7	0	466	8	96	66	94	2	0	18
La Grande Rivière	4	0	128	8	94	275	76	0	0	0
La Ronge	84	139	662	100	211	133	0	0	0	0
Lethbridge	297	74	126	294	71	5	2	0	0	0
Lloydminster	353	27	130	145	10	0	0	0	0	0
Medicine Hat	257	70	214	261	21	12	0	0	0	0
Mont-Joli	14	10	96	226	121	28	0	0	0	0
Montréal/Mirabel International	161	147	33	102	12	164	43	4	232	182
Nanaimo	348	312	25	21	31	301	0	0	0	0
Norman Wells	202	106	247	32	0	39	154	0	0	0
North Bay	627	55	322	62	194	31	44	4	0	0
Ottawa/Gatineau	712	105	22	112	0	0	0	14	0	0
Peace River	34	65	346	58	14	4	0	0	0	0
Penticton	228	21	31	97	6	168	3	0	0	0
Port Hardy	44	83	178	75	122	6	0	0	0	0
Prince Albert	84	23	190	374	317	484	0	0	0	0
Prince Rupert	4	10	52	27	47	113	0	0	0	0
Rankin Inlet	0	0	85	2	264	340	159	0	0	0
Red Deer Regional	959	129	172	116	2	17	1	0	0	0
Rouyn-Noranda	18	0	379	8	278	182	84	2	0	0
Saint John	81	153	92	220	217	201	2	3	0	0
Sept-Îles	182	150	495	421	451	161	19	0	0	0
Sioux Lookout	116	212	1,255	614	80	0	0	0	0	0
Smithers	46	4	59	166	52	90	0	0	0	0
St. Catharines	612	35	24	16	6	4	0	0	0	0
Sudbury	191	187	1,006	165	231	286	16	8	0	0
Terrace	178	54	111	159	102	207	0	0	0	0
Thompson	140	246	1,252	37	230	517	1	4	0	0
Timmins	43	95	884	74	398	237	0	0	0	0
Val-d'Or	99	10	227	22	370	162	48	0	10	0
Victoria Harbour	4	1,050	725	6	3	0	0	0	0	0
Wabush	86	85	374	336	369	97	4	0	0	0
Whitecourt	490	29	74	14	8	0	0	0	0	0
Williams Lake	59	6	14	397	12	8	6	0	0	0
<b>Total of all flight service stations (51)</b>	<b>9,903</b>	<b>4,717</b>	<b>13,410</b>	<b>7,632</b>	<b>6,451</b>	<b>7,108</b>	<b>1,588</b>	<b>79</b>	<b>252</b>	<b>242</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	2,142	438	1,263	64	304	55	18
Transborder	51	5	15	0	30	0	1
Other international	24	24	0	0	0	0	0
<b>Total</b>	<b>2,217</b>	<b>467</b>	<b>1,278</b>	<b>64</b>	<b>334</b>	<b>55</b>	<b>19</b>
<b>Boundary Bay</b>							
Domestic	2,368	12	566	1,131	641	14	4
Transborder	37	4	3	9	21	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,405</b>	<b>16</b>	<b>569</b>	<b>1,140</b>	<b>662</b>	<b>14</b>	<b>4</b>
<b>Calgary International</b>							
Domestic	15,334	13,317	607	341	925	130	14
Transborder	3,353	3,022	99	13	214	0	5
Other international	786	777	3	2	3	0	1
<b>Total</b>	<b>19,473</b>	<b>17,116</b>	<b>709</b>	<b>356</b>	<b>1,142</b>	<b>130</b>	<b>20</b>
<b>Calgary/Springbank</b>							
Domestic	3,197	11	550	1,675	957	4	0
Transborder	48	1	6	0	41	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>3,245</b>	<b>12</b>	<b>556</b>	<b>1,675</b>	<b>998</b>	<b>4</b>	<b>0</b>
<b>Chicoutimi/St-Honoré</b>							
Domestic	521	288	9	183	39	2	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>521</b>	<b>288</b>	<b>9</b>	<b>183</b>	<b>39</b>	<b>2</b>	<b>0</b>
<b>Edmonton City Centre</b>							
Domestic	3,424	1,042	469	911	442	555	5
Transborder	24	5	3	6	10	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>3,448</b>	<b>1,047</b>	<b>472</b>	<b>917</b>	<b>452</b>	<b>555</b>	<b>5</b>
<b>Edmonton International</b>							
Domestic	9,927	9,068	193	30	595	3	38
Transborder	1,457	1,382	13	1	61	0	0
Other international	285	277	0	0	8	0	0
<b>Total</b>	<b>11,669</b>	<b>10,727</b>	<b>206</b>	<b>31</b>	<b>664</b>	<b>3</b>	<b>38</b>
<b>Edmonton/Villeneuve</b>							
Domestic	456	0	13	259	184	0	0
Transborder	3	0	0	0	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>459</b>	<b>0</b>	<b>13</b>	<b>259</b>	<b>187</b>	<b>0</b>	<b>0</b>
<b>Fort McMurray</b>							
Domestic	3,046	1,796	689	43	496	22	0
Transborder	6	0	0	0	6	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>3,052</b>	<b>1,796</b>	<b>689</b>	<b>43</b>	<b>502</b>	<b>22</b>	<b>0</b>
<b>Fredericton International</b>							
Domestic	3,280	660	2,507	1	63	30	19
Transborder	10	1	2	0	7	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>3,290</b>	<b>661</b>	<b>2,509</b>	<b>1</b>	<b>70</b>	<b>30</b>	<b>19</b>
<b>Gander International</b>							
Domestic	1,030	876	47	1	24	9	73
Transborder	135	35	1	7	46	0	46
Other international	164	49	5	8	54	0	48
<b>Total</b>	<b>1,329</b>	<b>960</b>	<b>53</b>	<b>16</b>	<b>124</b>	<b>9</b>	<b>167</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	5,328	4,775	291	17	113	43	89
Transborder	730	667	6	0	47	0	10
Other international	175	153	7	2	4	0	9
<b>Total</b>	<b>6,233</b>	<b>5,595</b>	<b>304</b>	<b>19</b>	<b>164</b>	<b>43</b>	<b>108</b>
<b>Hamilton</b>							
Domestic	1,138	888	54	10	82	102	2
Transborder	501	418	19	0	62	2	0
Other international	76	68	5	0	3	0	0
<b>Total</b>	<b>1,715</b>	<b>1,374</b>	<b>78</b>	<b>10</b>	<b>147</b>	<b>104</b>	<b>2</b>
<b>Kelowna</b>							
Domestic	2,949	2,285	326	175	116	39	8
Transborder	312	237	4	1	70	0	0
Other international	56	55	0	1	0	0	0
<b>Total</b>	<b>3,317</b>	<b>2,577</b>	<b>330</b>	<b>177</b>	<b>186</b>	<b>39</b>	<b>8</b>
<b>Kitchener/Waterloo</b>							
Domestic	2,290	313	1,475	32	469	0	1
Transborder	182	47	34	0	101	0	0
Other international	10	9	1	0	0	0	0
<b>Total</b>	<b>2,482</b>	<b>369</b>	<b>1,510</b>	<b>32</b>	<b>570</b>	<b>0</b>	<b>1</b>
<b>Langley</b>							
Domestic	1,141	2	83	581	471	4	0
Transborder	1	0	0	1	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,142</b>	<b>2</b>	<b>83</b>	<b>582</b>	<b>471</b>	<b>4</b>	<b>0</b>
<b>London</b>							
Domestic	2,493	966	318	857	279	72	1
Transborder	209	143	8	4	52	1	1
Other international	40	38	2	0	0	0	0
<b>Total</b>	<b>2,742</b>	<b>1,147</b>	<b>328</b>	<b>861</b>	<b>331</b>	<b>73</b>	<b>2</b>
<b>Moncton/Greater Moncton International</b>							
Domestic	2,875	1,596	1,093	1	61	124	0
Transborder	75	67	1	0	7	0	0
Other international	10	10	0	0	0	0	0
<b>Total</b>	<b>2,960</b>	<b>1,673</b>	<b>1,094</b>	<b>1</b>	<b>68</b>	<b>124</b>	<b>0</b>
<b>Montréal/Pierre Elliott Trudeau International</b>							
Domestic	10,221	9,099	549	20	369	178	6
Transborder	5,787	5,301	161	12	308	0	5
Other international	2,616	2,541	42	9	22	2	0
<b>Total</b>	<b>18,624</b>	<b>16,941</b>	<b>752</b>	<b>41</b>	<b>699</b>	<b>180</b>	<b>11</b>
<b>Montréal/St-Hubert</b>							
Domestic	3,036	1,577	485	349	486	61	78
Transborder	114	21	4	0	88	1	0
Other international	3	0	0	2	1	0	0
<b>Total</b>	<b>3,153</b>	<b>1,598</b>	<b>489</b>	<b>351</b>	<b>575</b>	<b>62</b>	<b>78</b>
<b>Oshawa</b>							
Domestic	1,460	25	77	971	313	68	6
Transborder	33	5	6	0	22	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,493</b>	<b>30</b>	<b>83</b>	<b>971</b>	<b>335</b>	<b>68</b>	<b>6</b>
<b>Ottawa/Macdonald-Cartier International</b>							
Domestic	7,891	5,653	211	1,541	110	220	156
Transborder	2,014	1,870	21	10	94	8	11
Other international	536	521	3	1	2	0	9
<b>Total</b>	<b>10,441</b>	<b>8,044</b>	<b>235</b>	<b>1,552</b>	<b>206</b>	<b>228</b>	<b>176</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	1,182	5	574	144	447	12	0
Transborder	7	0	2	0	5	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,189</b>	<b>5</b>	<b>576</b>	<b>144</b>	<b>452</b>	<b>12</b>	<b>0</b>
<b>Prince George</b>							
Domestic	1,508	1,136	191	12	92	77	0
Transborder	8	2	0	0	6	0	0
Other international	7	7	0	0	0	0	0
<b>Total</b>	<b>1,523</b>	<b>1,145</b>	<b>191</b>	<b>12</b>	<b>98</b>	<b>77</b>	<b>0</b>
<b>Québec/Jean Lesage International</b>							
Domestic	4,999	3,119	1,088	194	252	302	44
Transborder	638	602	7	1	23	0	5
Other international	304	300	0	1	3	0	0
<b>Total</b>	<b>5,941</b>	<b>4,021</b>	<b>1,095</b>	<b>196</b>	<b>278</b>	<b>302</b>	<b>49</b>
<b>Regina International</b>							
Domestic	2,720	1,844	454	34	226	135	27
Transborder	382	321	1	2	54	0	4
Other international	137	136	0	0	1	0	0
<b>Total</b>	<b>3,239</b>	<b>2,301</b>	<b>455</b>	<b>36</b>	<b>281</b>	<b>135</b>	<b>31</b>
<b>Saskatoon/John G. Diefenbaker International</b>							
Domestic	4,546	3,028	698	271	216	271	62
Transborder	306	278	8	1	19	0	0
Other international	122	122	0	0	0	0	0
<b>Total</b>	<b>4,974</b>	<b>3,428</b>	<b>706</b>	<b>272</b>	<b>235</b>	<b>271</b>	<b>62</b>
<b>Sault Ste. Marie</b>							
Domestic	1,550	1,054	38	403	23	28	4
Transborder	8	1	0	0	7	0	0
Other international	6	6	0	0	0	0	0
<b>Total</b>	<b>1,564</b>	<b>1,061</b>	<b>38</b>	<b>403</b>	<b>30</b>	<b>28</b>	<b>4</b>
<b>St. John's International</b>							
Domestic	2,783	2,327	268	0	22	150	16
Transborder	143	72	0	0	17	0	54
Other international	137	57	2	10	14	0	54
<b>Total</b>	<b>3,063</b>	<b>2,456</b>	<b>270</b>	<b>10</b>	<b>53</b>	<b>150</b>	<b>124</b>
<b>St-Jean</b>							
Domestic	292	0	101	47	100	0	44
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>292</b>	<b>0</b>	<b>101</b>	<b>47</b>	<b>100</b>	<b>0</b>	<b>44</b>
<b>Thunder Bay</b>							
Domestic	4,449	3,170	201	846	115	96	21
Transborder	27	13	2	2	10	0	0
Other international	33	33	0	0	0	0	0
<b>Total</b>	<b>4,509</b>	<b>3,216</b>	<b>203</b>	<b>848</b>	<b>125</b>	<b>96</b>	<b>21</b>
<b>Toronto/Billy Bishop Toronto City</b>							
Domestic	4,710	3,427	459	686	128	8	2
Transborder	1,065	1,014	6	2	43	0	0
Other international	1	0	0	0	0	0	1
<b>Total</b>	<b>5,776</b>	<b>4,441</b>	<b>465</b>	<b>688</b>	<b>171</b>	<b>8</b>	<b>3</b>
<b>Toronto/Buttonville Municipal</b>							
Domestic	2,195	199	1,255	10	715	16	0
Transborder	111	19	9	4	79	0	0
Other international	3	0	0	0	3	0	0
<b>Total</b>	<b>2,309</b>	<b>218</b>	<b>1,264</b>	<b>14</b>	<b>797</b>	<b>16</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	14,228	13,707	232	10	258	12	9
Transborder	15,144	14,262	235	8	638	0	1
Other international	5,854	5,745	63	2	44	0	0
<b>Total</b>	<b>35,226</b>	<b>33,714</b>	<b>530</b>	<b>20</b>	<b>940</b>	<b>12</b>	<b>10</b>
<b>Vancouver Harbour</b>							
Domestic	2,864	2,631	195	2	33	0	3
Transborder	4	4	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,868</b>	<b>2,635</b>	<b>195</b>	<b>2</b>	<b>33</b>	<b>0</b>	<b>3</b>
<b>Vancouver International</b>							
Domestic	16,486	14,909	1,057	55	296	161	8
Transborder	4,427	4,112	25	19	270	0	1
Other international	1,692	1,670	2	7	13	0	0
<b>Total</b>	<b>22,605</b>	<b>20,691</b>	<b>1,084</b>	<b>81</b>	<b>579</b>	<b>161</b>	<b>9</b>
<b>Victoria International</b>							
Domestic	4,927	2,458	1,568	270	438	37	156
Transborder	510	441	14	0	55	0	0
Other international	37	36	1	0	0	0	0
<b>Total</b>	<b>5,474</b>	<b>2,935</b>	<b>1,583</b>	<b>270</b>	<b>493</b>	<b>37</b>	<b>156</b>
<b>Whitehorse International</b>							
Domestic	941	639	194	0	75	28	5
Transborder	16	5	0	0	9	0	2
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>957</b>	<b>644</b>	<b>194</b>	<b>0</b>	<b>84</b>	<b>28</b>	<b>7</b>
<b>Windsor</b>							
Domestic	1,143	528	459	5	143	4	4
Transborder	52	9	16	0	23	0	4
Other international	16	11	4	0	1	0	0
<b>Total</b>	<b>1,211</b>	<b>548</b>	<b>479</b>	<b>5</b>	<b>167</b>	<b>4</b>	<b>8</b>
<b>Winnipeg/James Armstrong Richardson International</b>							
Domestic	8,136	7,210	219	13	115	352	227
Transborder	1,119	1,026	19	11	45	2	16
Other international	257	256	0	0	1	0	0
<b>Total</b>	<b>9,512</b>	<b>8,492</b>	<b>238</b>	<b>24</b>	<b>161</b>	<b>354</b>	<b>243</b>
<b>Winnipeg/St. Andrews</b>							
Domestic	2,315	471	1,261	413	163	2	5
Transborder	13	1	4	1	7	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,328</b>	<b>472</b>	<b>1,265</b>	<b>414</b>	<b>170</b>	<b>2</b>	<b>5</b>
<b>Yellowknife</b>							
Domestic	3,195	2,759	262	0	16	60	98
Transborder	2	0	0	0	0	0	2
Other international	2	1	0	0	0	0	1
<b>Total</b>	<b>3,199</b>	<b>2,760</b>	<b>262</b>	<b>0</b>	<b>16</b>	<b>60</b>	<b>101</b>
<b>Total of NAV CANADA towers (42)</b>							
Domestic	170,716	119,308	22,649	12,608	11,412	3,486	1,253
Transborder	39,064	35,413	754	115	2,600	14	168
Other international	13,389	12,902	140	45	177	2	123
<b>Total</b>	<b>223,169</b>	<b>167,623</b>	<b>23,543</b>	<b>12,768</b>	<b>14,189</b>	<b>3,502</b>	<b>1,544</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	654	114	152	15	192	26	155
Transborder	3	0	1	1	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>657</b>	<b>114</b>	<b>153</b>	<b>16</b>	<b>193</b>	<b>26</b>	<b>155</b>
<b>Campbell River</b>							
Domestic	899	590	127	68	91	18	5
Transborder	8	0	1	0	7	0	0
Other international	3	0	2	0	1	0	0
<b>Total</b>	<b>910</b>	<b>590</b>	<b>130</b>	<b>68</b>	<b>99</b>	<b>18</b>	<b>5</b>
<b>Castlegar</b>							
Domestic	353	202	101	41	7	0	2
Transborder	3	0	0	0	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>356</b>	<b>202</b>	<b>101</b>	<b>41</b>	<b>10</b>	<b>0</b>	<b>2</b>
<b>Charlottetown</b>							
Domestic	683	577	9	0	68	27	2
Transborder	2	0	0	0	2	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>685</b>	<b>577</b>	<b>9</b>	<b>0</b>	<b>70</b>	<b>27</b>	<b>2</b>
<b>Churchill</b>							
Domestic	619	591	8	4	2	14	0
Transborder	0	0	0	0	0	0	0
Other international	1	1	0	0	0	0	0
<b>Total</b>	<b>620</b>	<b>592</b>	<b>8</b>	<b>4</b>	<b>2</b>	<b>14</b>	<b>0</b>
<b>Cranbrook</b>							
Domestic	749	643	35	7	51	4	9
Transborder	18	5	1	0	12	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>767</b>	<b>648</b>	<b>36</b>	<b>7</b>	<b>63</b>	<b>4</b>	<b>9</b>
<b>Deer Lake</b>							
Domestic	1,209	1,108	26	0	2	65	8
Transborder	1	0	0	0	1	0	0
Other international	1	0	0	0	1	0	0
<b>Total</b>	<b>1,211</b>	<b>1,108</b>	<b>26</b>	<b>0</b>	<b>4</b>	<b>65</b>	<b>8</b>
<b>Fort Nelson</b>							
Domestic	1,387	553	791	0	33	8	2
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,387</b>	<b>553</b>	<b>791</b>	<b>0</b>	<b>33</b>	<b>8</b>	<b>2</b>
<b>Fort St. John</b>							
Domestic	1,314	804	336	0	151	20	3
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,314</b>	<b>804</b>	<b>336</b>	<b>0</b>	<b>151</b>	<b>20</b>	<b>3</b>
<b>Grande Prairie</b>							
Domestic	1,978	1,046	498	126	268	40	0
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,979</b>	<b>1,046</b>	<b>498</b>	<b>126</b>	<b>269</b>	<b>40</b>	<b>0</b>
<b>High Level</b>							
Domestic	488	319	130	0	29	10	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>488</b>	<b>319</b>	<b>130</b>	<b>0</b>	<b>29</b>	<b>10</b>	<b>0</b>

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI		Civil	Military	
number							
<b>Îles-de-la-Madeleine</b>							
Domestic	469	313	106	0	6	44	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>469</b>	<b>313</b>	<b>106</b>	<b>0</b>	<b>6</b>	<b>44</b>	<b>0</b>
<b>Inuvik/Mike Zubko</b>							
Domestic	526	432	47	27	0	18	2
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>526</b>	<b>432</b>	<b>47</b>	<b>27</b>	<b>0</b>	<b>18</b>	<b>2</b>
<b>Iqaluit</b>							
Domestic	1,120	985	28	59	18	27	3
Transborder	8	5	0	0	3	0	0
Other international	39	19	1	6	12	0	1
<b>Total</b>	<b>1,167</b>	<b>1,009</b>	<b>29</b>	<b>65</b>	<b>33</b>	<b>27</b>	<b>4</b>
<b>Kamloops</b>							
Domestic	1,369	953	206	1	162	31	16
Transborder	20	2	0	0	18	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,389</b>	<b>955</b>	<b>206</b>	<b>1</b>	<b>180</b>	<b>31</b>	<b>16</b>
<b>Kenora</b>							
Domestic	619	463	96	10	8	24	18
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>620</b>	<b>463</b>	<b>96</b>	<b>10</b>	<b>9</b>	<b>24</b>	<b>18</b>
<b>Kingston</b>							
Domestic	1,071	436	179	218	208	16	14
Transborder	21	5	4	0	12	0	0
Other international	1	0	1	0	0	0	0
<b>Total</b>	<b>1,093</b>	<b>441</b>	<b>184</b>	<b>218</b>	<b>220</b>	<b>16</b>	<b>14</b>
<b>Kuujjuaq</b>							
Domestic	754	714	12	2	8	18	0
Transborder	1	1	0	0	0	0	0
Other international	2	1	1	0	0	0	0
<b>Total</b>	<b>757</b>	<b>716</b>	<b>13</b>	<b>2</b>	<b>8</b>	<b>18</b>	<b>0</b>
<b>La Grande Rivière</b>							
Domestic	585	465	108	4	4	4	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>585</b>	<b>465</b>	<b>108</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>0</b>
<b>La Ronge</b>							
Domestic	1,329	1,273	4	0	4	48	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,329</b>	<b>1,273</b>	<b>4</b>	<b>0</b>	<b>4</b>	<b>48</b>	<b>0</b>
<b>Lethbridge</b>							
Domestic	823	418	13	184	180	22	6
Transborder	46	3	5	2	36	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>869</b>	<b>421</b>	<b>18</b>	<b>186</b>	<b>216</b>	<b>22</b>	<b>6</b>
<b>Lloydminster</b>							
Domestic	665	227	234	14	164	16	10
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>665</b>	<b>227</b>	<b>234</b>	<b>14</b>	<b>164</b>	<b>16</b>	<b>10</b>

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI		Civil	Military	
number							
<b>Medicine Hat</b>							
Domestic	832	513	131	13	154	9	12
Transborder	3	0	0	0	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>835</b>	<b>513</b>	<b>131</b>	<b>13</b>	<b>157</b>	<b>9</b>	<b>12</b>
<b>Mont-Joli</b>							
Domestic	495	365	84	0	18	22	6
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>495</b>	<b>365</b>	<b>84</b>	<b>0</b>	<b>18</b>	<b>22</b>	<b>6</b>
<b>Montréal/Mirabel International</b>							
Domestic	890	541	101	28	207	0	13
Transborder	189	177	0	0	11	0	1
Other international	1	0	0	0	0	0	1
<b>Total</b>	<b>1,080</b>	<b>718</b>	<b>101</b>	<b>28</b>	<b>218</b>	<b>0</b>	<b>15</b>
<b>Nanaimo</b>							
Domestic	1,018	350	365	32	260	5	6
Transborder	20	1	2	0	17	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,038</b>	<b>351</b>	<b>367</b>	<b>32</b>	<b>277</b>	<b>5</b>	<b>6</b>
<b>Norman Wells</b>							
Domestic	780	463	299	0	0	8	10
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>780</b>	<b>463</b>	<b>299</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>10</b>
<b>North Bay</b>							
Domestic	1,312	558	346	210	157	27	14
Transborder	17	5	0	1	10	1	0
Other international	10	10	0	0	0	0	0
<b>Total</b>	<b>1,339</b>	<b>573</b>	<b>346</b>	<b>211</b>	<b>167</b>	<b>28</b>	<b>14</b>
<b>Ottawa/Gatineau</b>							
Domestic	961	74	244	200	369	44	30
Transborder	4	0	0	0	4	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>965</b>	<b>74</b>	<b>244</b>	<b>200</b>	<b>373</b>	<b>44</b>	<b>30</b>
<b>Peace River</b>							
Domestic	521	413	39	2	39	28	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>521</b>	<b>413</b>	<b>39</b>	<b>2</b>	<b>39</b>	<b>28</b>	<b>0</b>
<b>Penticton</b>							
Domestic	541	265	163	9	94	6	4
Transborder	12	1	0	1	10	0	0
Other international	1	1	0	0	0	0	0
<b>Total</b>	<b>554</b>	<b>267</b>	<b>163</b>	<b>10</b>	<b>104</b>	<b>6</b>	<b>4</b>
<b>Port Hardy</b>							
Domestic	507	407	31	8	23	30	8
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>508</b>	<b>407</b>	<b>31</b>	<b>8</b>	<b>24</b>	<b>30</b>	<b>8</b>
<b>Prince Albert</b>							
Domestic	1,472	1,281	32	12	63	80	4
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,472</b>	<b>1,281</b>	<b>32</b>	<b>12</b>	<b>63</b>	<b>80</b>	<b>4</b>

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI		Civil	Military	
number							
<b>Prince Rupert</b>							
Domestic	250	225	0	0	2	22	1
Transborder	3	0	0	0	2	0	1
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>253</b>	<b>225</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>22</b>	<b>2</b>
<b>Rankin Inlet</b>							
Domestic	850	840	0	0	6	4	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>850</b>	<b>840</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>4</b>	<b>0</b>
<b>Red Deer Regional</b>							
Domestic	1,386	167	535	149	523	10	2
Transborder	10	0	2	0	8	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,396</b>	<b>167</b>	<b>537</b>	<b>149</b>	<b>531</b>	<b>10</b>	<b>2</b>
<b>Rouyn-Noranda</b>							
Domestic	948	668	160	2	80	36	2
Transborder	0	0	0	0	0	0	0
Other international	3	3	0	0	0	0	0
<b>Total</b>	<b>951</b>	<b>671</b>	<b>160</b>	<b>2</b>	<b>80</b>	<b>36</b>	<b>2</b>
<b>Saint John</b>							
Domestic	906	654	58	34	155	0	5
Transborder	54	2	2	0	50	0	0
Other international	9	0	0	0	9	0	0
<b>Total</b>	<b>969</b>	<b>656</b>	<b>60</b>	<b>34</b>	<b>214</b>	<b>0</b>	<b>5</b>
<b>Sept-Îles</b>							
Domestic	1,878	1,254	495	16	39	74	0
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,879</b>	<b>1,254</b>	<b>495</b>	<b>16</b>	<b>40</b>	<b>74</b>	<b>0</b>
<b>Sioux Lookout</b>							
Domestic	2,277	1,972	166	80	9	46	4
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,277</b>	<b>1,972</b>	<b>166</b>	<b>80</b>	<b>9</b>	<b>46</b>	<b>4</b>
<b>Smithers</b>							
Domestic	417	354	40	0	10	13	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>417</b>	<b>354</b>	<b>40</b>	<b>0</b>	<b>10</b>	<b>13</b>	<b>0</b>
<b>St. Catharines</b>							
Domestic	658	2	427	31	186	10	2
Transborder	38	6	8	0	24	0	0
Other international	1	0	0	0	1	0	0
<b>Total</b>	<b>697</b>	<b>8</b>	<b>435</b>	<b>31</b>	<b>211</b>	<b>10</b>	<b>2</b>
<b>Sudbury</b>							
Domestic	2,083	1,677	188	16	109	83	10
Transborder	7	2	0	0	5	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,090</b>	<b>1,679</b>	<b>188</b>	<b>16</b>	<b>114</b>	<b>83</b>	<b>10</b>
<b>Terrace</b>							
Domestic	810	538	218	0	25	27	2
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>811</b>	<b>538</b>	<b>218</b>	<b>0</b>	<b>26</b>	<b>27</b>	<b>2</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	2,427	2,013	275	0	8	131	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,427</b>	<b>2,013</b>	<b>275</b>	<b>0</b>	<b>8</b>	<b>131</b>	<b>0</b>
<b>Timmins</b>							
Domestic	1,729	1,563	81	0	53	32	0
Transborder	2	1	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,731</b>	<b>1,564</b>	<b>81</b>	<b>0</b>	<b>54</b>	<b>32</b>	<b>0</b>
<b>Val-d'Or</b>							
Domestic	947	785	61	2	70	25	4
Transborder	0	0	0	0	0	0	0
Other international	1	1	0	0	0	0	0
<b>Total</b>	<b>948</b>	<b>786</b>	<b>61</b>	<b>2</b>	<b>70</b>	<b>25</b>	<b>4</b>
<b>Victoria Harbour</b>							
Domestic	1,663	1,556	2	0	9	93	3
Transborder	125	125	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,788</b>	<b>1,681</b>	<b>2</b>	<b>0</b>	<b>9</b>	<b>93</b>	<b>3</b>
<b>Wabush</b>							
Domestic	1,348	1,053	203	0	82	8	2
Transborder	3	1	1	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,351</b>	<b>1,054</b>	<b>204</b>	<b>0</b>	<b>83</b>	<b>8</b>	<b>2</b>
<b>Whitecourt</b>							
Domestic	615	52	330	137	72	24	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>615</b>	<b>52</b>	<b>330</b>	<b>137</b>	<b>72</b>	<b>24</b>	<b>0</b>
<b>Williams Lake</b>							
Domestic	500	400	42	0	33	10	15
Transborder	2	1	0	0	0	0	1
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>502</b>	<b>401</b>	<b>42</b>	<b>0</b>	<b>33</b>	<b>10</b>	<b>16</b>
<b>Total of all flight service stations (51)</b>							
Domestic	50,684	34,229	8,362	1,761	4,511	1,407	414
Transborder	625	343	27	5	246	1	3
Other international	73	36	5	6	24	0	2
<b>Total</b>	<b>51,382</b>	<b>34,608</b>	<b>8,394</b>	<b>1,772</b>	<b>4,781</b>	<b>1,408</b>	<b>419</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	16	6,193	30	13	91	26	571
Boundary Bay	18	6,043	11	18	95	11	610
Calgary International	3	19,573	12	18	58	26	766
Calgary/Springbank	9	8,397	23	11	98	11	617
Chicoutimi/St-Honoré	40	1,525	30	18	56	31	227
Edmonton City Centre	27	3,742	20	16	42	26	186
Edmonton International	6	11,945	11	11	46	11	494
Edmonton/Villeneuve	31	3,105	11	13	78	24	279
Fort McMurray	29	3,216	24	12	33	24	174
Fredericton International	13	7,280	3	12	63	16	445
Gander International	38	1,857	23	14	27	24	152
Halifax/Robert L. Stanfield International	15	6,625	20	20	46	31	279
Hamilton	36	2,191	8	13	21	5	124
Kelowna	22	4,509	5	12	50	27	242
Kitchener/Waterloo	20	5,168	18	11	76	21	403
Langley	35	2,194	21	11	47	10	255
London	21	5,056	21	16	81	21	443
Moncton/Greater Moncton International	24	4,342	22	11	35	26	270
Montréal/Pierre Elliott Trudeau International	4	18,700	8	18	58	20	696
Montréal/St-Hubert	19	5,697	26	15	100	26	825
Oshawa	33	2,923	7	11	61	8	248
Ottawa/Macdonald-Cartier International	5	12,425	9	13	78	26	693
Pitt Meadows	30	3,159	10	15	86	10	437
Prince George	37	2,089	30	15	39	27	110
Québec/Jean Lesage International	12	7,635	26	16	69	26	488
Regina International	26	4,273	14	10	44	31	226
Saskatoon/John G. Diefenbaker International	14	6,706	26	13	62	30	404
Sault Ste. Marie	32	2,962	18	14	68	21	291
St. John's International	28	3,279	5	14	29	5	161
St-Jean	42	966	22	13	43	22	121
Thunder Bay	11	7,795	20	20	94	16	615
Toronto/Billy Bishop Toronto City	10	8,042	25	13	65	10	451
Toronto/Buttonville Municipal	23	4,457	15	16	74	10	343
Toronto/Lester B. Pearson International	1	35,300	6	18	101	9	1,273
Vancouver Harbour	34	2,868	12	15	23	12	144
Vancouver International	2	22,711	31	8	70	12	831
Victoria International	8	8,650	12	13	91	11	550
Whitehorse International	41	1,213	13	10	25	31	103
Windsor	39	1,769	29	9	29	18	109
Winnipeg/James Armstrong Richardson International	7	10,380	26	15	59	26	499
Winnipeg/St. Andrews	17	6,150	30	13	85	9	365
Yellowknife	25	4,341	23	15	65	11	254

**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	23	1,327	4	11	37	23	160
Campbell River	21	1,414	27	12	34	27	154
Castlegar	40	622	25	11	34	11	86
Charlottetown	39	771	16	17	14	17	47
Churchill	41	620	6	17	6	3	28
Cranbrook	38	785	8	11	10	9	40
Deer Lake	26	1,297	21	12	25	20	98
Fort Nelson	19	1,471	7	13	25	3	98
Fort St. John	15	1,578	26	14	34	26	124
Grande Prairie	2	2,969	10	14	48	31	227
High Level	44	570	1	13	25	1	56
Îles-de-la-Madeleine	49	478	18	15	7	30	28
Inuvik/Mike Zubko	47	534	11	12	8	11	36
Iqaluit	29	1,221	31	12	22	31	88
Kamloops	13	1,709	31	12	35	13	106
Kenora	34	858	3	12	49	23	84
Kingston	11	1,773	22	11	38	30	135
Kuujuaq	36	827	14	12	13	4	45
La Grande Rivière	43	585	4	13	6	19	32
La Ronge	17	1,487	20	14	22	24	102
Lethbridge	25	1,303	7	14	32	7	126
Lloydminster	24	1,307	30	14	34	30	122
Medicine Hat	30	1,157	22	14	20	12	91
Mont-Joli	48	507	28	14	12	31	27
Montréal/Mirabel International	9	1,869	11	15	36	11	180
Nanaimo	20	1,454	12	12	27	12	111
Norman Wells	37	810	4	11	21	4	69
North Bay	1	3,985	10	14	77	5	340
Ottawa/Gatineau	3	2,595	8	14	67	30	257
Peace River	45	563	3	12	13	3	46
Penticton	27	1,294	23	11	43	12	114
Port Hardy	46	560	4	13	15	4	53
Prince Albert	18	1,478	24	16	29	24	91
Prince Rupert	51	261	8	14	6	2	18
Rankin Inlet	35	850	9	13	8	13	47
Red Deer Regional	4	2,550	31	15	51	23	240
Rouyn-Noranda	32	985	15	18	14	24	55
Saint John	28	1,275	16	17	19	22	75
Sept-Îles	8	2,005	25	14	25	25	116
Sioux Lookout	7	2,294	20	14	16	17	106
Smithers	50	417	25	10	7	11	24
St. Catharines	14	1,689	11	13	55	8	161
Sudbury	6	2,300	21	16	27	25	154
Terrace	33	899	31	16	23	10	59
Thompson	5	2,443	4	14	15	12	114
Timmins	12	1,741	18	11	11	20	95
Val-d'Or	31	1,114	15	15	29	15	71
Victoria Harbour	10	1,792	25	8	18	25	100
Wabush	22	1,403	30	14	23	27	82
Whitecourt	16	1,543	5	11	68	5	162
Williams Lake	42	620	4	11	42	4	85

**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	30	2,217	13	14	22	12	173
Boundary Bay	27	2,405	10	15	37	11	260
Calgary International	3	19,473	12	18	58	26	762
Calgary/Springbank	17	3,245	7	10	35	7	253
Chicoutimi/St-Honoré	40	521	26	15	16	26	67
Edmonton City Centre	14	3,448	4	14	21	26	180
Edmonton International	5	11,669	11	8	42	26	481
Edmonton/Villeneuve	41	459	7	15	11	22	39
Fort McMurray	22	3,052	24	12	19	31	157
Fredericton International	16	3,290	30	10	20	16	209
Gander International	35	1,329	31	14	10	31	79
Halifax/Robert L. Stanfield International	8	6,233	2	16	22	3	249
Hamilton	31	1,715	16	13	11	18	94
Kelowna	15	3,317	31	14	19	27	160
Kitchener/Waterloo	26	2,482	15	14	29	15	185
Langley	38	1,142	10	15	25	10	139
London	25	2,742	8	13	23	20	167
Moncton/Greater Moncton International	23	2,960	9	14	17	26	168
Montréal/Pierre Elliott Trudeau International	4	18,624	8	18	58	20	696
Montréal/St-Hubert	20	3,153	26	12	42	26	361
Oshawa	34	1,493	8	14	33	8	160
Ottawa/Macdonald-Cartier International	6	10,441	11	9	45	26	457
Pitt Meadows	37	1,189	12	13	26	10	143
Prince George	33	1,523	11	9	14	11	80
Québec/Jean Lesage International	9	5,941	19	13	29	26	300
Regina International	18	3,239	27	16	16	26	141
Saskatoon/John G. Diefenbaker International	12	4,974	24	15	26	24	257
Sault Ste. Marie	32	1,564	14	14	15	10	107
St. John's International	21	3,063	19	8	14	5	139
St-Jean	42	292	22	13	9	22	37
Thunder Bay	13	4,509	24	14	29	24	251
Toronto/Billy Bishop Toronto City	10	5,776	15	16	30	10	261
Toronto/Buttonville Municipal	29	2,309	20	12	26	20	170
Toronto/Lester B. Pearson International	1	35,226	6	18	101	9	1,271
Vancouver Harbour	24	2,868	12	15	23	12	144
Vancouver International	2	22,605	31	8	70	12	831
Victoria International	11	5,474	26	11	34	26	310
Whitehorse International	39	957	13	10	25	26	55
Windsor	36	1,211	15	9	11	10	64
Winnipeg/James Armstrong Richardson International	7	9,512	24	15	35	4	389
Winnipeg/St. Andrews	28	2,328	9	13	23	24	146
Yellowknife	19	3,199	12	15	22	11	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	36	657	23	11	15	23	66
Campbell River	25	910	11	13	9	10	55
Castlegar	50	356	16	15	7	16	27
Charlottetown	34	685	23	14	6	17	33
Churchill	38	620	6	17	6	3	28
Cranbrook	31	767	13	16	8	26	35
Deer Lake	16	1,211	6	8	9	3	53
Fort Nelson	11	1,387	18	14	18	3	98
Fort St. John	15	1,314	31	9	13	31	75
Grande Prairie	4	1,979	31	9	13	24	89
High Level	47	488	11	12	9	11	33
Îles-de-la-Madeleine	48	469	4	15	6	30	28
Inuvik/Mike Zubko	42	526	11	12	8	11	36
Iqaluit	17	1,167	3	14	10	12	51
Kamloops	10	1,389	16	14	22	16	81
Kenora	37	620	20	8	8	20	42
Kingston	18	1,093	8	12	14	8	76
Kuujuaq	32	757	9	16	7	4	39
La Grande Rivière	40	585	4	13	6	19	32
La Ronge	14	1,329	26	15	12	11	88
Lethbridge	26	869	7	14	12	7	70
Lloydminster	35	665	30	14	8	26	44
Medicine Hat	28	835	31	16	10	12	45
Mont-Joli	46	495	6	18	6	31	27
Montréal/Mirabel International	19	1,080	10	14	17	11	86
Nanaimo	20	1,038	12	12	17	12	77
Norman Wells	30	780	4	11	17	3	52
North Bay	13	1,339	18	14	17	18	102
Ottawa/Gatineau	22	965	8	14	29	30	99
Peace River	43	521	17	8	7	27	33
Penticton	41	554	11	15	10	11	47
Port Hardy	44	508	5	12	7	26	36
Prince Albert	8	1,472	24	16	29	24	91
Prince Rupert	51	253	8	14	6	2	18
Rankin Inlet	27	850	9	13	8	13	47
Red Deer Regional	9	1,396	7	12	25	7	96
Rouyn-Noranda	23	951	24	10	9	24	55
Saint John	21	969	23	14	7	26	53
Sept-Îles	5	1,879	26	16	18	19	95
Sioux Lookout	2	2,277	10	8	14	17	104
Smithers	49	417	25	10	7	11	24
St. Catharines	33	697	11	13	17	22	70
Sudbury	3	2,090	31	9	15	25	112
Terrace	29	811	10	10	12	10	59
Thompson	1	2,427	4	14	15	12	114
Timmins	7	1,731	18	11	11	20	95
Val-d'Or	24	948	18	15	8	30	55
Victoria Harbour	6	1,788	25	8	18	25	100
Wabush	12	1,351	25	11	15	31	78
Whitecourt	39	615	5	10	11	30	54
Williams Lake	45	502	30	9	7	5	30

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

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Abbotsford	3	3,976	30	13	80	30	438
Boundary Bay	5	3,638	11	18	74	11	350
Calgary International	39	100	14	9	14	14	22
Calgary/Springbank	1	5,152	23	11	78	11	404
Chicoutimi/St-Honoré	25	1,004	30	18	54	31	166
Edmonton City Centre	33	294	20	16	22	20	38
Edmonton International	34	276	23	14	14	23	36
Edmonton/Villeneuve	9	2,646	11	13	76	24	254
Fort McMurray	37	164	26	18	16	24	24
Fredericton International	2	3,990	3	12	48	5	248
Gander International	30	528	18	8	22	23	84
Halifax/Robert L. Stanfield International	32	392	20	20	32	28	44
Hamilton	31	476	5	13	18	30	44
Kelowna	21	1,192	5	12	38	25	96
Kitchener/Waterloo	8	2,686	21	19	72	21	246
Langley	23	1,052	21	11	46	10	116
London	11	2,314	21	16	62	21	278
Moncton/Greater Moncton International	20	1,382	22	11	28	22	140
Montréal/Pierre Elliott Trudeau International	40	76	3	10	14	3	24
Montréal/St-Hubert	10	2,544	25	19	64	26	464
Oshawa	18	1,430	31	14	44	22	130
Ottawa/Macdonald-Cartier International	14	1,984	26	11	44	26	236
Pitt Meadows	15	1,970	10	15	62	10	294
Prince George	28	566	30	15	36	27	64
Québec/Jean Lesage International	17	1,694	16	14	42	26	188
Regina International	24	1,034	14	10	30	14	102
Saskatoon/John G. Diefenbaker International	16	1,732	14	14	42	30	198
Sault Ste. Marie	19	1,398	27	19	60	21	222
St. John's International	36	216	5	14	20	23	40
St-Jean	27	674	22	13	34	22	84
Thunder Bay	6	3,286	20	20	84	16	392
Toronto/Billy Bishop Toronto City	12	2,266	25	13	48	5	196
Toronto/Buttonville Municipal	13	2,148	16	15	54	10	214
Toronto/Lester B. Pearson International	41	74	19	15	8	17	22
Vancouver Harbour	0	0	0	0	0	0	0
Vancouver International	38	106	14	14	20	14	42
Victoria International	7	3,176	12	13	62	11	272
Whitehorse International	35	256	18	11	18	31	48
Windsor	29	558	29	9	22	18	60
Winnipeg/James Armstrong Richardson International	26	868	26	15	30	26	128
Winnipeg/St. Andrews	4	3,822	30	13	74	30	246
Yellowknife	22	1,142	23	15	48	23	114

**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	10	670	4	11	30	4	102
Campbell River	12	504	27	12	30	27	102
Castlegar	18	266	25	11	28	11	64
Charlottetown	28	86	9	21	10	17	14
Churchill	0	0	0	0	0	0	0
Cranbrook	38	18	8	11	6	7	6
Deer Lake	27	86	21	12	24	20	52
Fort Nelson	29	84	7	13	20	7	34
Fort St. John	19	264	26	14	28	26	64
Grande Prairie	5	990	10	14	42	7	140
High Level	30	82	1	13	22	1	42
Îles-de-la-Madeleine	43	9	4	9	3	4	3
Inuvik/Mike Zubko	44	8	24	11	4	24	4
Iqaluit	32	54	31	10	14	31	48
Kamloops	16	320	31	12	26	13	40
Kenora	20	238	3	12	44	23	54
Kingston	9	680	25	18	30	22	70
Kuujuaq	31	70	14	12	12	14	16
La Grande Rivière	0	0	0	0	0	0	0
La Ronge	23	158	20	14	12	24	36
Lethbridge	13	434	23	18	28	12	58
Lloydminster	11	642	30	14	26	30	84
Medicine Hat	15	322	22	14	16	22	48
Mont-Joli	41	12	28	14	12	28	12
Montréal/Mirabel International	7	789	11	15	28	11	94
Nanaimo	14	416	9	11	24	9	50
Norman Wells	37	30	4	15	10	4	18
North Bay	1	2,646	10	14	72	5	256
Ottawa/Gatineau	2	1,630	30	12	46	30	158
Peace River	35	42	3	12	10	3	22
Penticton	8	740	23	11	40	12	82
Port Hardy	34	52	4	13	12	4	24
Prince Albert	46	6	3	18	4	3	4
Prince Rupert	45	8	18	13	4	18	6
Rankin Inlet	0	0	0	0	0	0	0
Red Deer Regional	3	1,154	31	15	40	23	158
Rouyn-Noranda	36	34	15	18	12	15	30
Saint John	17	306	16	17	14	22	44
Sept-Îles	24	126	25	14	16	25	44
Sioux Lookout	39	17	20	14	8	20	8
Smithers	0	0	0	0	0	0	0
St. Catharines	4	992	25	13	42	25	114
Sudbury	21	210	21	16	20	21	46
Terrace	26	88	31	16	22	16	26
Thompson	40	16	9	12	8	9	8
Timmins	42	10	8	12	6	8	10
Val-d'Or	22	166	15	15	24	15	44
Victoria Harbour	47	4	6	9	4	6	4
Wabush	33	52	28	12	20	28	20
Whitecourt	6	928	5	11	62	5	126
Williams Lake	25	118	4	11	40	4	60

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

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Abbotsford	3	3,976	30	13	80	30	438
Boundary Bay	5	3,638	11	18	74	11	350
Calgary International	39	100	14	9	14	14	22
Calgary/Springbank	1	5,152	23	11	78	11	404
Chicoutimi/St-Honoré	24	1,004	30	18	54	31	166
Edmonton City Centre	33	294	20	16	22	20	38
Edmonton International	34	272	23	14	14	23	36
Edmonton/Villeneuve	9	2,646	11	13	76	24	254
Fort McMurray	37	164	26	18	16	24	24
Fredericton International	2	3,980	3	12	48	5	246
Gander International	30	526	18	8	22	23	82
Halifax/Robert L. Stanfield International	32	300	21	13	14	31	36
Hamilton	31	476	5	13	18	30	44
Kelowna	21	1,176	5	12	38	25	96
Kitchener/Waterloo	8	2,686	21	19	72	21	246
Langley	23	1,052	21	11	46	10	116
London	11	2,314	21	16	62	21	278
Moncton/Greater Moncton International	20	1,370	22	11	28	22	140
Montréal/Pierre Elliott Trudeau International	40	76	3	10	14	3	24
Montréal/St-Hubert	10	2,544	25	19	64	26	464
Oshawa	18	1,430	31	14	44	22	130
Ottawa/Macdonald-Cartier International	14	1,984	26	11	44	26	236
Pitt Meadows	15	1,970	10	15	62	10	294
Prince George	28	566	30	15	36	27	64
Québec/Jean Lesage International	16	1,686	16	14	42	26	188
Regina International	25	920	14	10	30	14	102
Saskatoon/John G. Diefenbaker International	17	1,656	14	14	42	30	198
Sault Ste. Marie	19	1,398	27	19	60	21	222
St. John's International	36	214	5	14	20	23	38
St-Jean	27	674	22	13	34	22	84
Thunder Bay	6	3,282	20	20	84	16	390
Toronto/Billy Bishop Toronto City	12	2,266	25	13	48	5	196
Toronto/Buttonville Municipal	13	2,148	16	15	54	10	214
Toronto/Lester B. Pearson International	41	74	19	15	8	17	22
Vancouver Harbour	0	0	0	0	0	0	0
Vancouver International	38	106	14	14	20	14	42
Victoria International	7	3,176	12	13	62	11	272
Whitehorse International	35	256	18	11	18	31	48
Windsor	29	558	29	9	22	18	60
Winnipeg/James Armstrong Richardson International	26	868	26	15	30	26	128
Winnipeg/St. Andrews	4	3,822	30	13	74	30	246
Yellowknife	22	1,142	23	15	48	23	114

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

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Brandon Municipal	11	626	16	14	28	9	98
Campbell River	12	498	27	12	30	27	102
Castlegar	18	266	25	11	28	11	64
Charlottetown	31	60	9	21	10	17	14
Churchill	0	0	0	0	0	0	0
Cranbrook	38	18	8	11	6	7	6
Deer Lake	26	86	21	12	24	20	52
Fort Nelson	27	84	7	13	20	7	34
Fort St. John	19	264	26	14	28	26	64
Grande Prairie	5	990	10	14	42	7	140
High Level	29	82	1	13	22	1	42
Îles-de-la-Madeleine	43	9	4	9	3	4	3
Inuvik/Mike Zubko	44	8	24	11	4	24	4
Iqaluit	32	54	31	10	14	31	48
Kamloops	16	320	31	12	26	13	40
Kenora	20	212	23	15	28	23	54
Kingston	9	680	25	18	30	22	70
Kuujuaq	30	70	14	12	12	14	16
La Grande Rivière	0	0	0	0	0	0	0
La Ronge	23	158	20	14	12	24	36
Lethbridge	14	408	7	13	20	12	58
Lloydminster	10	640	30	14	26	30	84
Medicine Hat	15	322	22	14	16	22	48
Mont-Joli	41	12	28	14	12	28	12
Montréal/Mirabel International	7	767	19	14	28	19	80
Nanaimo	13	416	9	11	24	9	50
Norman Wells	37	30	4	15	10	4	18
North Bay	1	2,640	10	14	72	5	256
Ottawa/Gatineau	2	1,620	30	12	46	30	158
Peace River	35	42	3	12	10	3	22
Penticton	8	740	23	11	40	12	82
Port Hardy	34	50	4	13	12	4	24
Prince Albert	46	6	3	18	4	3	4
Prince Rupert	45	8	18	13	4	18	6
Rankin Inlet	0	0	0	0	0	0	0
Red Deer Regional	3	1,154	31	15	40	23	158
Rouyn-Noranda	36	34	15	18	12	15	30
Saint John	17	306	16	17	14	22	44
Sept-Îles	24	126	25	14	16	25	44
Sioux Lookout	39	17	20	14	8	20	8
Smithers	0	0	0	0	0	0	0
St. Catharines	4	992	25	13	42	25	114
Sudbury	21	210	21	16	20	21	46
Terrace	25	88	31	16	22	16	26
Thompson	40	16	9	12	8	9	8
Timmins	42	10	8	12	6	8	10
Val-d'Or	22	166	15	15	24	15	44
Victoria Harbour	47	4	6	9	4	6	4
Wabush	33	52	28	12	20	28	20
Whitecourt	6	928	5	11	62	5	126
Williams Lake	28	84	4	11	20	4	40

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

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Abbotsford	0	0	0	0	0	0	0
Boundary Bay	0	0	0	0	0	0	0
Calgary International	0	0	0	0	0	0	0
Calgary/Springbank	0	0	0	0	0	0	0
Chicoutimi/St-Honoré	0	0	0	0	0	0	0
Edmonton City Centre	0	0	0	0	0	0	0
Edmonton International	8	4	4	15	2	4	2
Edmonton/Villeneuve	0	0	0	0	0	0	0
Fort McMurray	0	0	0	0	0	0	0
Fredericton International	6	10	12	10	6	12	6
Gander International	10	2	23	22	2	23	2
Halifax/Robert L. Stanfield International	2	92	20	20	32	28	36
Hamilton	0	0	0	0	0	0	0
Kelowna	4	16	27	11	8	27	16
Kitchener/Waterloo	0	0	0	0	0	0	0
Langley	0	0	0	0	0	0	0
London	0	0	0	0	0	0	0
Moncton/Greater Moncton International	5	12	18	18	8	18	8
Montréal/Pierre Elliott Trudeau International	0	0	0	0	0	0	0
Montréal/St-Hubert	0	0	0	0	0	0	0
Oshawa	0	0	0	0	0	0	0
Ottawa/Macdonald-Cartier International	0	0	0	0	0	0	0
Pitt Meadows	0	0	0	0	0	0	0
Prince George	0	0	0	0	0	0	0
Québec/Jean Lesage International	7	8	18	16	2	18	2
Regina International	1	114	4	11	6	4	18
Saskatoon/John G. Diefenbaker International	3	76	11	18	20	11	54
Sault Ste. Marie	0	0	0	0	0	0	0
St. John's International	11	2	23	21	2	23	2
St-Jean	0	0	0	0	0	0	0
Thunder Bay	9	4	16	16	2	16	2
Toronto/Billy Bishop Toronto City	0	0	0	0	0	0	0
Toronto/Buttonville Municipal	0	0	0	0	0	0	0
Toronto/Lester B. Pearson International	0	0	0	0	0	0	0
Vancouver Harbour	0	0	0	0	0	0	0
Vancouver International	0	0	0	0	0	0	0
Victoria International	0	0	0	0	0	0	0
Whitehorse International	0	0	0	0	0	0	0
Windsor	0	0	0	0	0	0	0
Winnipeg/James Armstrong Richardson International	0	0	0	0	0	0	0
Winnipeg/St. Andrews	0	0	0	0	0	0	0
Yellowknife	0	0	0	0	0	0	0

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

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Brandon Municipal	1	44	2	11	14	2	14
Campbell River	9	6	16	12	6	16	6
Castlegar	0	0	0	0	0	0	0
Charlottetown	3	26	10	13	10	10	10
Churchill	0	0	0	0	0	0	0
Cranbrook	0	0	0	0	0	0	0
Deer Lake	0	0	0	0	0	0	0
Fort Nelson	0	0	0	0	0	0	0
Fort St. John	0	0	0	0	0	0	0
Grande Prairie	0	0	0	0	0	0	0
High Level	0	0	0	0	0	0	0
Îles-de-la-Madeleine	0	0	0	0	0	0	0
Inuvik/Mike Zubko	0	0	0	0	0	0	0
Iqaluit	0	0	0	0	0	0	0
Kamloops	0	0	0	0	0	0	0
Kenora	5	26	3	12	22	3	22
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	4	26	23	18	14	23	26
Lloydminster	11	2	20	9	2	20	2
Medicine Hat	0	0	0	0	0	0	0
Mont-Joli	0	0	0	0	0	0	0
Montréal/Mirabel International	6	22	11	15	12	11	22
Nanaimo	0	0	0	0	0	0	0
Norman Wells	0	0	0	0	0	0	0
North Bay	8	6	16	15	6	16	6
Ottawa/Gatineau	7	10	18	14	10	18	10
Peace River	0	0	0	0	0	0	0
Penticton	0	0	0	0	0	0	0
Port Hardy	10	2	25	16	2	25	2
Prince Albert	0	0	0	0	0	0	0
Prince Rupert	0	0	0	0	0	0	0
Rankin Inlet	0	0	0	0	0	0	0
Red Deer Regional	0	0	0	0	0	0	0
Rouyn-Noranda	0	0	0	0	0	0	0
Saint John	0	0	0	0	0	0	0
Sept-Îles	0	0	0	0	0	0	0
Sioux Lookout	0	0	0	0	0	0	0
Smithers	0	0	0	0	0	0	0
St. Catharines	0	0	0	0	0	0	0
Sudbury	0	0	0	0	0	0	0
Terrace	0	0	0	0	0	0	0
Thompson	0	0	0	0	0	0	0
Timmins	0	0	0	0	0	0	0
Val-d'Or	0	0	0	0	0	0	0
Victoria Harbour	0	0	0	0	0	0	0
Wabush	0	0	0	0	0	0	0
Whitecourt	0	0	0	0	0	0	0
Williams Lake	2	34	4	11	20	4	20

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

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

## Data quality and limitations

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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 Aviation Statistics Centre editing staff.

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

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

# **Appendix I**

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## **Factors influencing the data**

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

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

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

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

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

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

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

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

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

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

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

## **Appendix II**

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

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

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

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

#### **Aircraft movement**

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

#### **Class of operation**

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

#### **Commercial**

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

#### **Domestic itinerant movements**

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

#### **FSS**

Flight service station.

## **Government-Civil**

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

## **Government-Military**

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

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

A flight conducted in accordance with Instrument Flight Rules.

## **International movements**

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

## **Itinerant movements**

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

## **Local movements**

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

## **Maximum take-off weight**

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

## **Other commercial**

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

## **Power plant**

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

## **Private aircraft**

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

## **Runway 88**

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

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

## **Simulated approaches**

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

## **TC**

Transport Canada.

## **Tower control zone**

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

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

A flight conducted in accordance with Visual flight rules.

## **Weight group**

The classification of weight classes in groups for statistical purposes.