

Catalogue no. 51-007-X

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



June 2010



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Statistics Canada  
Transportation Division

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

June 2010

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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
- 0<sup>s</sup> value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
- p preliminary
- r revised
- x suppressed to meet the confidentiality requirements of the *Statistics Act*
- E use with caution
- F too unreliable to be published

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## Highlights

- Aircraft take-offs and landings at the 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations decreased 7.6% in June 2010 from June 2009. These airports reported 520,515 movements in June compared with 563,202 movements in June 2009.
- There were 381,306 itinerant movements (flights from one airport to another) reported in June 2010. This represents a 4.1% decrease (-16,171 movements) compared with the same month a year earlier.
- There were 139,209 local movements (flights that remain in the vicinity of the airport) recorded in June 2010. This represents a decline of 26,516 movements (16.0%) compared with June 2009.

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

	NAV CANADA towers	Percentage change, June 2009 to June 2010	NAV CANADA Flight Service Stations	Percentage change, June 2009 to June 2010	Total	Percentage change, June 2009 to June 2010
	number	percent	number	percent	number	percent
<b>Grand total</b>	<b>414,936</b>	<b>-6.7</b>	<b>105,579</b>	<b>-10.9</b>	<b>520,515</b>	<b>-7.6</b>
<b>Itinerant movements</b>						
Air carriers	222,733	-1.3	59,715	-7.2	282,448	-2.6
Other commercial movements	31,625	-11.1	3,787	-21.1	35,412	-12.3
Private movements	35,422	-7.5	13,310	-4.9	48,732	-6.8
Government civil movements	5,427	-0.4	2,948	-4.4	8,375	-1.9
Government military movements	4,653	2.6	1,686	1.5	6,339	2.3
Itinerant total	299,860	-3.1	81,446	-7.3	381,306	-4.1
<b>Local movements</b>						
Civil local movements	114,901	-13.9	23,929	-21.1	138,830	-15.2
Military local movements	175	-89.7	204	-38.6	379	-81.3
Local total	115,076	-14.8	24,133	-21.2	139,209	-16.0

## Analysis

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Aircraft take-offs and landings at the 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations decreased 7.6% in June 2010 from June 2009. These airports reported 520,515 movements in June compared with 563,202 movements in June 2009. Year over year increases were reported by 40 airports. Toronto/Lester B Pearson International, Ontario (36,134 movements) followed by Vancouver International, British Columbia (26,036 movements) were the most active sites in June 2010.

There were 381,306 itinerant movements (flights from one airport to another) reported in June 2010. This represents a 4.1% decrease (-16,171 movements) compared with the same month a year earlier. The year over year variations ranged from an increase of 86.2% for Edmonton/Villeneuve, Alberta to a decline of 32.7% for Williams Lake, British Columbia. Year-over-year increases in the number of itinerant aircraft movements were reported by 42 airports in June 2010.

There were 139,209 local movements (flights that remain in the vicinity of the airport) recorded in June 2010. This represents a decline of 26,516 movements (16.0%) compared with June 2009. Toronto/Buttonville Municipal, Ontario recorded the largest gain, increasing by 3,398 local movements (+36.8%) while Fort McMurray, Alberta recorded the largest decline with 1,493 fewer local movements (-77.4%) compared with the previous year.

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

There were 325,338 domestic itinerant movements reported in June 2010, down 5.9% from June 2009. Vancouver International, British Columbia (19,431) followed by Calgary International, Alberta (16,280) reported the greatest number of domestic itinerant movements.

Eighty-four airports reported 44,547 transborder itinerant movements (between Canada and the United States) in June 2010, up 10.5% from the previous year. Toronto/Lester B Pearson International, Ontario (15,570) followed by Montréal/Pierre Elliott Trudeau International, Quebec (6,230) reported the greatest number of transborder itinerant movements.

Forty-six airports reported 11,421 other international itinerant movements in June 2010. This represents a slight decrease (-0.7%) from the previous year. Toronto/Lester B Pearson International, Ontario recorded the largest gain, increasing by 701 other international itinerant movements (18.1%) while Boundary Bay, British Columbia reported the largest decline with 7,547 fewer movements (-89.9%) compared with the previous year.



## Related products

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### Selected publications from Statistics Canada

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51-008-X	Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)
51-206-X	Canadian Civil Aviation
51-209-X	Aircraft Movement Statistics: NAV CANADA Towers and Flight Service Stations: Annual Report (TP 577)
51-210-X	Aircraft Movement Statistics: Airports Without Air Traffic Control Towers: Annual Report (TP 577)

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### Selected CANSIM tables from Statistics Canada

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401-0007	Aircraft movements, by class of operation and peak hour and peak day of movements, airports with NAV CANADA towers, monthly
401-0008	Aircraft movements, by civil and military movements, airports with NAV CANADA towers, monthly
401-0009	Itinerant movements, by type of operation, airports with NAV CANADA towers, monthly
401-0010	Itinerant movements, by instrument flight rules, visual flight rules and runway 88, airports with NAV CANADA towers, monthly
401-0011	Itinerant movements, by type of power plant, airports with NAV CANADA towers, monthly
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401-0038	Annual itinerant movements, by weight group and type of power plant, airports without air traffic control towers

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### **Selected surveys from Statistics Canada**

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

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

# Statistical tables

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**Table 1-1**  
**Total aircraft movements by class of operation — NAV CANADA towers**

	Total		Itinerant		Local	
	Rank of movements	Number of movements	Rank of movements	Number of movements	Rank of movements	Number of movements
Abbotsford	18	9,426	22	4,897	8	4,529
Boundary Bay	7	16,004	13	6,695	2	9,309
Calgary International	3	20,448	3	20,192	35	256
Calgary/Springbank	10	13,731	19	5,812	5	7,919
Chicoutimi/St-Honoré	33	4,479	42	1,680	15	2,799
Edmonton City Centre	27	6,672	17	5,928	30	744
Edmonton International	15	10,716	7	10,517	36	199
Edmonton/Villeneuve	30	4,897	34	2,862	21	2,035
Fort McMurray	26	6,919	16	6,173	29	746
Fredericton International	23	7,731	28	4,020	12	3,711
Gander International	40	3,392	37	2,524	27	868
Halifax/Robert L Stanfield International	21	7,958	11	7,564	32	394
Hamilton	32	4,497	33	3,621	26	876
Kelowna	29	6,252	25	4,205	20	2,047
Kitchener/Waterloo	25	7,260	29	3,904	14	3,356
Langley	22	7,832	32	3,705	10	4,127
London	9	15,000	14	6,637	4	8,363
Moncton/Greater Moncton International	16	10,158	18	5,824	9	4,334
Montréal/Pierre Elliott Trudeau International	5	18,837	4	18,837	0	0
Montréal/St-Hubert	6	16,052	12	7,023	3	9,029
Oshawa	35	4,128	39	2,293	22	1,835
Ottawa/Macdonald-Cartier International	8	15,574	5	11,485	11	4,089
Pitt Meadows	17	9,718	23	4,867	7	4,851
Prince George	36	4,034	38	2,478	23	1,556
Québec/Jean Lesage International	12	11,290	10	7,815	13	3,475
Regina International	28	6,357	26	4,181	18	2,176
Saskatoon/John G Diefenbaker International	20	8,009	20	5,759	17	2,250
Sault Ste. Marie	38	3,703	40	2,281	24	1,422
St. John's International	37	3,987	31	3,872	38	115
St-Jean	39	3,450	36	2,588	28	862
Thunder Bay	24	7,351	21	5,290	19	2,061
Toronto/Billy Bishop Toronto City	13	10,866	9	8,246	16	2,620
Toronto/Buttonville Municipal	4	18,888	15	6,264	1	12,624
Toronto/Lester B Pearson International	1	36,134	1	36,134	0	0
Vancouver Harbour	31	4,772	24	4,772	0	0
Vancouver International	2	26,036	2	26,036	0	0
Victoria International	19	8,753	8	8,603	37	150
Whitehorse International	41	3,002	35	2,690	33	312
Windsor	42	2,974	41	2,244	31	730
Winnipeg/James Armstrong Richardson International	11	12,558	6	11,430	25	1,128
Winnipeg/St. Andrews	14	10,802	30	3,888	6	6,914
Yellowknife	34	4,289	27	4,024	34	265
<b>Total of NAV CANADA towers (42)</b>	.	<b>414,936</b>	.	<b>299,860</b>	.	<b>115,076</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	13	2,775	29	1,479	6	1,296
Campbell River	15	2,632	19	1,727	12	905
Castlegar	50	538	49	494	43	44
Charlottetown	27	1,865	24	1,567	24	298
Churchill	46	843	47	829	46	14
Cranbrook	35	1,437	38	1,041	18	396
Deer Lake	30	1,693	28	1,495	27	198
Fort Nelson	14	2,725	8	2,403	21	322
Fort St John	11	2,886	7	2,415	17	471
Grande Prairie	2	4,501	3	3,222	7	1,279
High Level	25	1,950	23	1,666	25	284
Îles-de-la-Madeleine	51	352	51	352	0	0
Inuvik/Mike Zubko	29	1,789	21	1,709	36	80
Iqaluit	23	2,177	14	1,985	28	192
Kamloops	10	3,142	12	2,034	8	1,108
Kenora	36	1,335	35	1,087	26	248
Kingston	21	2,433	27	1,495	10	938
Kuujuuaq	39	1,130	39	1,040	35	90
La Grande Rivière	47	837	45	835	47	2
La Ronge	20	2,460	10	2,148	23	312
Lethbridge	19	2,519	22	1,667	13	852
Lloydminster	33	1,543	36	1,055	16	488
Medicine Hat	34	1,541	33	1,197	20	344
Mont-Joli	49	580	48	580	0	0
Montréal/Mirabel International	17	2,622	20	1,716	11	906
Nanaimo	8	3,360	9	2,388	9	972
Norman Wells	41	1,056	42	984	39	72
North Bay	9	3,192	18	1,748	4	1,444
Ottawa/Gatineau	1	4,636	16	1,854	1	2,782
Peace River	43	1,019	46	833	29	186
Penticton	7	3,418	17	1,766	2	1,652
Port Hardy	45	951	44	881	40	70
Prince Albert	24	1,980	15	1,866	33	114
Prince Rupert	48	615	50	476	32	139
Rankin Inlet	37	1,228	32	1,228	0	0
Red Deer Regional	4	3,615	13	2,015	3	1,600
Rouyn-Noranda	26	1,921	30	1,320	15	601
Saint John	31	1,635	31	1,317	22	318
Sept-Îles	22	2,239	11	2,077	30	162
Sioux Lookout	18	2,578	6	2,531	42	47
Smithers	42	1,045	41	985	41	60
St Catharines	12	2,836	26	1,532	5	1,304
Sudbury	6	3,472	4	3,092	19	380
Terrace	38	1,201	37	1,052	31	149
Thompson	3	3,638	1	3,528	34	110
Timmins	16	2,630	5	2,556	37	74
Val-d'Or	32	1,625	25	1,551	38	74
Victoria Harbour	5	3,500	2	3,500	0	0
Wabush	44	1,004	43	976	45	28
Whitecourt	28	1,813	34	1,127	14	686
Williams Lake	40	1,067	40	1,025	44	42
<b>Total of all flight service stations (51)</b>	.	<b>105,579</b>	.	<b>81,446</b>	.	<b>24,133</b>

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

	Civil movements			Military movements			
	Total	Itinerant		Civil	Total	Itinerant	Military
		Commercial	Private and government				
	number						
Abbotsford	9,372	3,458	1,385	4,529	54	54	0
Boundary Bay	15,969	5,152	1,526	9,291	35	17	18
Calgary International	20,361	18,642	1,463	256	87	87	0
Calgary/Springbank	13,727	4,101	1,707	7,919	4	4	0
Chicoutimi/St-Honoré	4,477	1,388	290	2,799	2	2	0
Edmonton City Centre	6,640	4,336	1,560	744	32	32	0
Edmonton International	10,691	9,995	497	199	25	25	0
Edmonton/Villeneuve	4,227	1,731	461	2,035	670	670	0
Fort McMurray	6,919	5,502	671	746	0	0	0
Fredericton International	7,653	3,656	286	3,711	78	78	0
Gander International	3,040	1,793	467	780	352	264	88
Halifax/Robert L Stanfield International	7,639	6,815	432	392	319	317	2
Hamilton	4,481	2,461	1,144	876	16	16	0
Kelowna	6,230	3,274	909	2,047	22	22	0
Kitchener/Waterloo	7,230	2,710	1,164	3,356	30	30	0
Langley	7,831	2,337	1,367	4,127	1	1	0
London	14,978	5,509	1,116	8,353	22	12	10
Moncton/Greater Moncton International	10,143	5,443	366	4,334	15	15	0
Montréal/Pierre Elliott Trudeau International	18,813	17,246	1,567	0	24	24	0
Montréal/St-Hubert	15,984	5,537	1,418	9,029	68	68	0
Oshawa	4,124	1,344	946	1,834	4	3	1
Ottawa/Macdonald-Cartier International	15,353	10,283	987	4,083	221	215	6
Pitt Meadows	9,709	3,088	1,770	4,851	9	9	0
Prince George	4,004	1,935	513	1,556	30	30	0
Québec/Jean Lesage International	11,080	6,037	1,568	3,475	210	210	0
Regina International	6,171	3,295	700	2,176	186	186	0
Saskatoon/John G Diefenbaker International	7,912	4,606	1,056	2,250	97	97	0
Sault Ste. Marie	3,626	1,968	270	1,388	77	43	34
St. John's International	3,778	3,270	393	115	209	209	0
St-Jean	2,507	420	1,225	862	943	943	0
Thunder Bay	7,290	4,775	454	2,061	61	61	0
Toronto/Billy Bishop Toronto City	10,849	7,483	746	2,620	17	17	0
Toronto/Buttonville Municipal	18,888	3,583	2,681	12,624	0	0	0
Toronto/Lester B Pearson International	36,031	34,736	1,295	0	103	103	0
Vancouver Harbour	4,772	4,676	96	0	0	0	0
Vancouver International	26,011	24,618	1,393	0	25	25	0
Victoria International	8,497	6,403	1,944	150	256	256	0
Whitehorse International	2,971	1,809	850	312	31	31	0
Windsor	2,926	1,365	847	714	48	32	16
Winnipeg/James Armstrong Richardson International	12,154	10,263	763	1,128	404	404	0
Winnipeg/St. Andrews	10,800	3,600	286	6,914	2	2	0
Yellowknife	4,250	3,715	270	265	39	39	0
<b>Total of NAV CANADA towers (42)</b>	<b>410,108</b>	<b>254,358</b>	<b>40,849</b>	<b>114,901</b>	<b>4,828</b>	<b>4,653</b>	<b>175</b>

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

	Civil movements				Military movements		
	Total	Itinerant		Civil	Total	Itinerant	Military
		Commercial	Private and government				
	number						
Brandon Municipal	2,317	582	473	1,262	458	424	34
Campbell River	2,616	1,157	554	905	16	16	0
Castlegar	526	427	59	40	12	8	4
Charlottetown	1,831	1,267	282	282	34	18	16
Churchill	841	792	35	14	2	2	0
Cranbrook	1,419	676	351	392	18	14	4
Deer Lake	1,683	1,357	128	198	10	10	0
Fort Nelson	2,687	2,032	333	322	38	38	0
Fort St John	2,830	1,901	458	471	56	56	0
Grande Prairie	4,265	2,519	467	1,279	236	236	0
High Level	1,950	1,546	120	284	0	0	0
Îles-de-la-Madeleine	338	282	56	0	14	14	0
Inuvik/Mike Zubko	1,763	1,635	56	72	26	18	8
Iqaluit	2,142	1,810	140	192	35	35	0
Kamloops	3,068	1,447	549	1,072	74	38	36
Kenora	1,250	784	260	206	85	43	42
Kingston	2,399	1,032	429	938	34	34	0
Kuujuuaq	1,128	972	66	90	2	2	0
La Grande Rivière	837	761	74	2	0	0	0
La Ronge	2,458	1,460	686	312	2	2	0
Lethbridge	2,508	1,094	564	850	11	9	2
Lloydminster	1,529	601	440	488	14	14	0
Medicine Hat	1,517	874	303	340	24	20	4
Mont-Joli	578	481	97	0	2	2	0
Montréal/Mirabel International	2,555	1,325	352	878	67	39	28
Nanaimo	3,343	1,291	1,080	972	17	17	0
Norman Wells	1,052	942	38	72	4	4	0
North Bay	3,114	1,160	516	1,438	78	72	6
Ottawa/Gatineau	4,600	991	833	2,776	36	30	6
Peace River	1,019	736	97	186	0	0	0
Penticton	3,336	1,288	396	1,652	82	82	0
Port Hardy	918	677	171	70	33	33	0
Prince Albert	1,970	1,499	357	114	10	10	0
Prince Rupert	612	382	91	139	3	3	0
Rankin Inlet	1,222	1,203	19	0	6	6	0
Red Deer Regional	3,541	1,240	715	1,586	74	60	14
Rouyn-Noranda	1,921	1,100	220	601	0	0	0
Saint John	1,599	955	326	318	36	36	0
Sept-Îles	2,233	1,802	269	162	6	6	0
Sioux Lookout	2,576	2,366	163	47	2	2	0
Smithers	878	684	134	60	167	167	0
St Catharines	2,823	897	622	1,304	13	13	0
Sudbury	3,462	2,514	568	380	10	10	0
Terrace	1,199	971	79	149	2	2	0
Thompson	3,638	3,161	367	110	0	0	0
Timmins	2,627	2,082	471	74	3	3	0
Val-d'Or	1,619	1,301	244	74	6	6	0
Victoria Harbour	3,476	2,877	599	0	24	24	0
Wabush	1,004	866	110	28	0	0	0
Whitecourt	1,813	994	133	686	0	0	0
Williams Lake	1,059	709	308	42	8	8	0
<b>Total of all flight service stations (51)</b>	<b>103,689</b>	<b>63,502</b>	<b>16,258</b>	<b>23,929</b>	<b>1,890</b>	<b>1,686</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	4,897	501	2,337	620	1,233	152	54
Boundary Bay	6,695	4	1,435	3,713	1,490	36	17
Calgary International	20,192	17,293	800	549	1,286	177	87
Calgary/Springbank	5,812	44	698	3,359	1,689	18	4
Chicoutimi/St-Honoré	1,680	501	106	781	286	4	2
Edmonton City Centre	5,928	1,650	618	2,068	1,169	391	32
Edmonton International	10,517	9,574	331	90	473	24	25
Edmonton/Villeneuve	2,862	20	208	1,503	461	0	670
Fort McMurray	6,173	1,766	3,411	325	610	61	0
Fredericton International	4,020	881	2,753	22	207	79	78
Gander International	2,524	534	1,230	29	329	138	264
Halifax/Robert L Stanfield International	7,564	6,304	481	30	356	76	317
Hamilton	3,621	1,985	407	69	653	491	16
Kelowna	4,205	2,736	297	241	818	91	22
Kitchener/Waterloo	3,904	362	2,273	75	1,161	3	30
Langley	3,705	109	313	1,915	1,342	25	1
London	6,637	1,636	969	2,904	1,054	62	12
Moncton/Greater Moncton International	5,824	1,705	3,725	13	199	167	15
Montréal/Pierre Elliott Trudeau International	18,837	16,236	971	39	1,365	202	24
Montréal/St-Hubert	7,023	3,287	597	1,653	1,319	99	68
Oshawa	2,293	43	95	1,206	872	74	3
Ottawa/Macdonald-Cartier International	11,485	7,848	418	2,017	488	499	215
Pitt Meadows	4,867	48	1,350	1,690	1,693	77	9
Prince George	2,478	1,255	611	69	460	53	30
Québec/Jean Lesage International	7,815	4,005	1,810	222	1,243	325	210
Regina International	4,181	2,437	804	54	525	175	186
Saskatoon/John G Diefenbaker International	5,759	3,335	826	445	695	361	97
Sault Ste. Marie	2,281	989	126	853	220	50	43
St. John's International	3,872	2,403	851	16	231	162	209
St-Jean	2,588	92	245	83	1,196	29	943
Thunder Bay	5,290	3,310	648	817	282	172	61
Toronto/Billy Bishop Toronto City	8,246	3,628	1,594	2,261	706	40	17
Toronto/Buttonville Municipal	6,264	366	3,113	104	2,634	47	0
Toronto/Lester B Pearson International	36,134	34,104	608	24	1,267	28	103
Vancouver Harbour	4,772	4,215	461	0	92	4	0
Vancouver International	26,036	22,564	1,982	72	990	403	25
Victoria International	8,603	3,299	2,664	440	1,820	124	256
Whitehorse International	2,690	1,058	698	53	801	49	31
Windsor	2,244	723	569	73	836	11	32
Winnipeg/James Armstrong Richardson International	11,430	9,652	531	80	463	300	404
Winnipeg/St. Andrews	3,888	696	1,869	1,035	278	8	2
Yellowknife	4,024	3,029	673	13	130	140	39
<b>Total of NAV CANADA towers (42)</b>	<b>299,860</b>	<b>176,227</b>	<b>46,506</b>	<b>31,625</b>	<b>35,422</b>	<b>5,427</b>	<b>4,653</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	1,479	119	398	65	446	27	424
Campbell River	1,727	653	304	200	528	26	16
Castlegar	494	295	102	30	53	6	8
Charlottetown	1,567	872	219	176	211	71	18
Churchill	829	739	49	4	11	24	2
Cranbrook	1,041	567	72	37	345	6	14
Deer Lake	1,495	1,078	250	29	46	82	10
Fort Nelson	2,403	361	1,647	24	331	2	38
Fort St John	2,415	801	1,080	20	454	4	56
Grande Prairie	3,222	1,356	1,012	151	441	26	236
High Level	1,666	547	995	4	106	14	0
Îles-de-la-Madeleine	352	270	10	2	14	42	14
Inuvik/Mike Zubko	1,709	1,168	467	0	47	9	18
Iqaluit	1,985	1,437	361	12	83	57	35
Kamloops	2,034	999	324	124	485	64	38
Kenora	1,087	437	305	42	233	27	43
Kingston	1,495	482	282	268	407	22	34
Kuujuuaq	1,040	818	150	4	37	29	2
La Grande Rivière	835	551	201	9	66	8	0
La Ronge	2,148	1,046	413	1	118	568	2
Lethbridge	1,667	458	24	612	526	38	9
Lloydminster	1,055	144	431	26	429	11	14
Medicine Hat	1,197	573	255	46	273	30	20
Mont-Joli	580	359	109	13	77	20	2
Montréal/Mirabel International	1,716	780	356	189	344	8	39
Nanaimo	2,388	463	701	127	972	108	17
Norman Wells	984	795	146	1	31	7	4
North Bay	1,748	645	423	92	451	65	72
Ottawa/Gatineau	1,854	105	443	443	736	97	30
Peace River	833	336	387	13	87	10	0
Penticton	1,766	331	927	30	378	18	82
Port Hardy	881	624	41	12	119	52	33
Prince Albert	1,866	1,322	157	20	174	183	10
Prince Rupert	476	297	83	2	67	24	3
Rankin Inlet	1,228	1,035	166	2	4	15	6
Red Deer Regional	2,015	255	779	206	681	34	60
Rouyn-Noranda	1,320	582	263	255	193	27	0
Saint John	1,317	804	151	0	317	9	36
Sept-Îles	2,077	1,071	684	47	145	124	6
Sioux Lookout	2,531	1,812	533	21	148	15	2
Smithers	985	431	241	12	129	5	167
St Catharines	1,532	23	856	18	602	20	13
Sudbury	3,092	1,751	697	66	329	239	10
Terrace	1,052	558	329	84	65	14	2
Thompson	3,528	2,562	538	61	89	278	0
Timmins	2,556	1,695	366	21	318	153	3
Val-d'Or	1,551	784	471	46	217	27	6
Victoria Harbour	3,500	2,856	21	0	449	150	24
Wabush	976	702	162	2	79	31	0
Whitecourt	1,127	27	855	112	115	18	0
Williams Lake	1,025	442	261	6	304	4	8
<b>Total of all flight service stations (51)</b>	<b>81,446</b>	<b>39,218</b>	<b>20,497</b>	<b>3,787</b>	<b>13,310</b>	<b>2,948</b>	<b>1,686</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	
Abbotsford	4,897	1,123	22.9	3,774	77.0	1,930
Boundary Bay	6,695	339	5.0	6,356	94.9	748
Calgary International	20,192	18,936	93.7	1,256	6.2	806
Calgary/Springbank	5,812	582	10.0	5,230	89.9	293
Chicoutimi/St-Honoré	1,680	169	10.0	1,511	89.9	32
Edmonton City Centre	5,928	2,463	41.5	3,465	58.4	1,392
Edmonton International	10,517	10,055	95.6	462	4.3	912
Edmonton/Villeneuve	2,862	47	1.6	2,815	98.3	108
Fort McMurray	6,173	2,181	35.3	3,992	64.6	255
Fredericton International	4,020	1,448	36.0	2,572	63.9	190
Gander International	2,524	1,250	49.5	1,274	50.4	235
Halifax/Robert L Stanfield International	7,564	6,897	91.1	667	8.8	253
Hamilton	3,621	2,472	68.2	1,149	31.7	647
Kelowna	4,205	2,537	60.3	1,668	39.6	225
Kitchener/Waterloo	3,904	718	18.3	3,186	81.6	123
Langley	3,705	25	0.6	3,680	99.3	726
London	6,637	2,004	30.1	4,633	69.8	528
Moncton/Greater Moncton International	5,824	2,528	43.4	3,296	56.5	403
Montréal/Pierre Elliott Trudeau International	18,837	18,134	96.2	703	3.7	1,467
Montréal/St-Hubert	7,023	1,541	21.9	5,482	78.0	507
Oshawa	2,293	129	5.6	2,164	94.3	459
Ottawa/Macdonald-Cartier International	11,485	8,762	76.2	2,723	23.7	360
Pitt Meadows	4,867	59	1.2	4,808	98.7	2,188
Prince George	2,478	1,308	52.7	1,170	47.2	111
Québec/Jean Lesage International	7,815	4,931	63.0	2,884	36.9	171
Regina International	4,181	2,937	70.2	1,244	29.7	46
Saskatoon/John G Diefenbaker International	5,759	3,971	68.9	1,788	31.0	1
Sault Ste. Marie	2,281	1,360	59.6	921	40.3	146
St. John's International	3,872	3,380	87.2	492	12.7	179
St-Jean	2,588	191	7.3	2,397	92.6	229
Thunder Bay	5,290	3,728	70.4	1,562	29.5	49
Toronto/Billy Bishop Toronto City	8,246	3,994	48.4	4,252	51.5	1,711
Toronto/Buttonville Municipal	6,264	683	10.9	5,581	89.0	1,280
Toronto/Lester B Pearson International	36,134	35,974	99.5	160	0.4	34
Vancouver Harbour	4,772	66	1.3	4,706	98.6	2,315
Vancouver International	26,036	20,648	79.3	5,388	20.6	14
Victoria International	8,603	3,883	45.1	4,720	54.8	4,844
Whitehorse International	2,690	718	26.6	1,972	73.3	293
Windsor	2,244	800	35.6	1,444	64.3	239
Winnipeg/James Armstrong Richardson International	11,430	10,152	88.8	1,278	11.1	0
Winnipeg/St. Andrews	3,888	156	4.0	3,732	95.9	7
Yellowknife	4,024	2,011	49.9	2,013	50.0	754
<b>Total of NAV CANADA towers (42)</b>	<b>299,860</b>	<b>185,290</b>	<b>61.8</b>	<b>114,570</b>	<b>38.2</b>	<b>27,210</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
Brandon Municipal	1,479	249	16.8	1,230	83.1	121
Campbell River	1,727	503	29.1	1,224	70.8	399
Castlegar	494	293	59.3	201	40.6	110
Charlottetown	1,567	1,054	67.2	513	32.7	47
Churchill	829	725	87.4	104	12.5	110
Cranbrook	1,041	595	57.1	446	42.8	161
Deer Lake	1,495	1,272	85.0	223	14.9	71
Fort Nelson	2,403	401	16.6	2,002	83.3	190
Fort St John	2,415	814	33.7	1,601	66.2	182
Grande Prairie	3,222	1,488	46.1	1,734	53.8	239
High Level	1,666	256	15.3	1,410	84.6	300
Îles-de-la-Madeleine	352	320	90.9	32	9.0	7
Inuvik/Mike Zubko	1,709	362	21.1	1,347	78.8	36
Iqaluit	1,985	1,354	68.2	631	31.7	0
Kamloops	2,034	1,073	52.7	961	47.2	345
Kenora	1,087	657	60.4	430	39.5	341
Kingston	1,495	601	40.2	894	59.7	154
Kuujuuaq	1,040	460	44.2	580	55.7	81
La Grande Rivière	835	607	72.6	228	27.3	160
La Ronge	2,148	723	33.6	1,425	66.3	1,876
Lethbridge	1,667	562	33.7	1,105	66.2	61
Lloydminster	1,055	254	24.0	801	75.9	19
Medicine Hat	1,197	381	31.8	816	68.1	218
Mont-Joli	580	460	79.3	120	20.6	29
Montréal/Mirabel International	1,716	1,025	59.7	691	40.2	966
Nanaimo	2,388	704	29.4	1,684	70.5	1,057
Norman Wells	984	198	20.1	786	79.8	62
North Bay	1,748	815	46.6	933	53.3	541
Ottawa/Gatineau	1,854	227	12.2	1,627	87.7	386
Peace River	833	283	33.9	550	66.0	167
Penticton	1,766	294	16.6	1,472	83.3	225
Port Hardy	881	314	35.6	567	64.3	271
Prince Albert	1,866	1,359	72.8	507	27.1	151
Prince Rupert	476	278	58.4	198	41.5	39
Rankin Inlet	1,228	955	77.7	273	22.2	3
Red Deer Regional	2,015	337	16.7	1,678	83.2	479
Rouyn-Noranda	1,320	743	56.2	577	43.7	136
Saint John	1,317	1,059	80.4	258	19.5	73
Sept-Îles	2,077	1,212	58.3	865	41.6	354
Sioux Lookout	2,531	1,901	75.1	630	24.8	1,419
Smithers	985	426	43.2	559	56.7	394
St Catharines	1,532	141	9.2	1,391	90.7	312
Sudbury	3,092	2,006	64.8	1,086	35.1	198
Terrace	1,052	548	52.0	504	47.9	141
Thompson	3,528	1,642	46.5	1,886	53.4	526
Timmins	2,556	1,855	72.5	701	27.4	443
Val-d'Or	1,551	815	52.5	736	47.4	610
Victoria Harbour	3,500	89	2.5	3,411	97.4	634
Wabush	976	765	78.3	211	21.6	395
Whitecourt	1,127	53	4.7	1,074	95.2	176
Williams Lake	1,025	457	44.5	568	55.4	290
<b>Total of all flight service stations (51)</b>	<b>81,446</b>	<b>35,965</b>	<b>44.2</b>	<b>45,481</b>	<b>55.8</b>	<b>15,705</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	4,897	455	254	3,359	819	10
Boundary Bay	6,695	15	91	6,341	248	0
Calgary International	20,192	13,486	5,263	723	720	0
Calgary/Springbank	5,812	40	129	4,952	691	0
Chicoutimi/St-Honoré	1,680	8	94	1,386	192	0
Edmonton City Centre	5,928	473	1,717	2,869	868	1
Edmonton International	10,517	6,866	3,114	499	38	0
Edmonton/Villeneuve	2,862	7	24	2,288	216	327
Fort McMurray	6,173	1,265	1,811	1,546	1,551	0
Fredericton International	4,020	360	742	2,780	138	0
Gander International	2,524	674	562	1,073	215	0
Halifax/Robert L Stanfield International	7,564	4,512	2,340	411	301	0
Hamilton	3,621	1,490	839	1,147	145	0
Kelowna	4,205	1,015	1,564	1,318	308	0
Kitchener/Waterloo	3,904	261	308	2,959	372	4
Langley	3,705	0	108	3,039	556	2
London	6,637	659	1,241	4,521	216	0
Moncton/Greater Moncton International	5,824	1,128	796	3,830	70	0
Montréal/Pierre Elliott Trudeau International	18,837	12,686	5,334	493	324	0
Montréal/St-Hubert	7,023	270	808	5,572	373	0
Oshawa	2,293	0	43	2,137	113	0
Ottawa/Macdonald-Cartier International	11,485	6,039	2,652	2,386	408	0
Pitt Meadows	4,867	2	61	4,415	385	4
Prince George	2,478	443	1,081	489	461	4
Québec/Jean Lesage International	7,815	1,515	3,203	2,265	828	4
Regina International	4,181	1,996	665	1,464	56	0
Saskatoon/John G Diefenbaker International	5,759	2,037	1,819	1,854	48	1
Sault Ste. Marie	2,281	57	1,124	1,067	33	0
St. John's International	3,872	1,623	1,644	122	483	0
St-Jean	2,588	6	63	1,704	35	780
Thunder Bay	5,290	767	3,034	1,125	364	0
Toronto/Billy Bishop Toronto City	8,246	0	3,921	3,953	372	0
Toronto/Buttonville Municipal	6,264	67	350	5,597	250	0
Toronto/Lester B Pearson International	36,134	29,697	6,311	93	33	0
Vancouver Harbour	4,772	0	2,803	1,254	715	0
Vancouver International	26,036	12,313	9,849	2,875	999	0
Victoria International	8,603	1,327	2,368	4,578	329	1
Whitehorse International	2,690	455	516	1,321	398	0
Windsor	2,244	219	569	1,377	79	0
Winnipeg/James Armstrong Richardson International	11,430	5,380	4,799	1,093	158	0
Winnipeg/St. Andrews	3,888	0	665	3,048	175	0
Yellowknife	4,024	726	2,251	428	619	0
<b>Total of NAV CANADA towers (42)</b>	<b>299,860</b>	<b>110,339</b>	<b>76,930</b>	<b>95,751</b>	<b>15,702</b>	<b>1,138</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	1,479	30	258	867	110	214
Campbell River	1,727	31	718	654	324	0
Castlegar	494	8	307	82	97	0
Charlottetown	1,567	602	282	632	51	0
Churchill	829	16	746	28	39	0
Cranbrook	1,041	14	540	420	67	0
Deer Lake	1,495	295	979	150	71	0
Fort Nelson	2,403	67	545	431	1,360	0
Fort St John	2,415	301	777	579	758	0
Grande Prairie	3,222	244	1,314	827	601	236
High Level	1,666	6	604	498	558	0
Îles-de-la-Madeleine	352	20	288	40	4	0
Inuvik/Mike Zubko	1,709	110	841	291	467	0
Iqaluit	1,985	458	1,245	25	257	0
Kamloops	2,034	128	1,000	597	309	0
Kenora	1,087	77	514	290	206	0
Kingston	1,495	23	522	869	81	0
Kuujuuaq	1,040	130	746	33	131	0
La Grande Rivière	835	48	649	116	22	0
La Ronge	2,148	12	1,404	661	71	0
Lethbridge	1,667	33	631	972	31	0
Lloydminster	1,055	3	239	727	86	0
Medicine Hat	1,197	26	461	589	121	0
Mont-Joli	580	14	455	89	22	0
Montréal/Mirabel International	1,716	609	278	515	314	0
Nanaimo	2,388	34	550	1,719	85	0
Norman Wells	984	187	353	317	127	0
North Bay	1,748	94	766	457	431	0
Ottawa/Gatineau	1,854	19	164	1,444	225	2
Peace River	833	8	280	172	373	0
Penticton	1,766	23	362	903	478	0
Port Hardy	881	21	542	217	101	0
Prince Albert	1,866	14	1,389	355	108	0
Prince Rupert	476	36	309	21	110	0
Rankin Inlet	1,228	161	898	12	157	0
Red Deer Regional	2,015	58	307	1,584	65	1
Rouyn-Noranda	1,320	82	735	402	101	0
Saint John	1,317	387	558	262	110	0
Sept-Îles	2,077	90	1,155	360	472	0
Sioux Lookout	2,531	12	2,088	390	41	0
Smithers	985	10	498	241	166	70
St Catharines	1,532	29	43	1,052	360	48
Sudbury	3,092	38	2,098	482	474	0
Terrace	1,052	17	568	42	425	0
Thompson	3,528	24	2,483	743	278	0
Timmins	2,556	13	2,045	375	122	1
Val-d'Or	1,551	102	739	524	186	0
Victoria Harbour	3,500	0	2,485	316	699	0
Wabush	976	26	710	101	139	0
Whitecourt	1,127	8	193	160	766	0
Williams Lake	1,025	10	556	255	204	0
<b>Total of all flight service stations (51)</b>	<b>81,446</b>	<b>4,808</b>	<b>39,217</b>	<b>23,888</b>	<b>12,961</b>	<b>572</b>

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

	Gross take-off weight in kilograms									
	2 000 and under	2 001 to 4 000	4 001 to 5 670	5 671 to 9 000	9 001 to 18 000	18 001 to 35 000	35 001 to 70 000	70 001 to 90 000	90 001 to 136 000	136 001 and over
	number									
Abbotsford	3,663	472	185	22	42	68	431	14	0	0
Boundary Bay	6,016	591	77	4	7	0	0	0	0	0
Calgary International	911	615	1,514	1,897	1,134	4,446	8,014	709	238	714
Calgary/Springbank	5,261	425	115	6	4	1	0	0	0	0
Chicoutimi/St-Honoré	1,413	165	91	9	0	2	0	0	0	0
Edmonton City Centre	3,201	555	1,535	437	163	31	0	6	0	0
Edmonton International	380	210	447	893	422	2,484	5,032	386	165	98
Edmonton/Villeneuve	2,746	53	61	2	0	0	0	0	0	0
Fort McMurray	2,472	973	819	496	101	700	612	0	0	0
Fredericton International	2,696	169	331	239	160	417	4	4	0	0
Gander International	1,019	77	71	407	366	346	58	90	23	67
Halifax/Robert L. Stanfield International	222	296	403	987	928	1,815	2,123	468	157	165
Hamilton	882	605	254	353	285	102	476	20	530	114
Kelowna	1,455	170	244	554	50	872	847	2	11	0
Kitchener/Waterloo	3,112	261	306	64	68	30	63	0	0	0
Langley	3,539	159	6	0	1	0	0	0	0	0
London	4,482	261	463	78	657	404	288	4	0	0
Moncton/Greater Moncton International	3,742	181	345	327	142	402	405	0	280	0
Montréal/Pierre Elliott Trudeau International	610	144	712	982	2,772	5,968	4,457	1,510	10	1,672
Montréal/St-Hubert	5,339	527	685	282	175	13	0	0	2	0
Oshawa	2,093	152	38	4	2	0	0	4	0	0
Ottawa/Macdonald-Cartier International	2,396	190	1,105	254	529	3,545	2,691	462	56	257
Pitt Meadows	4,538	248	73	6	2	0	0	0	0	0
Prince George	816	143	193	652	8	458	208	0	0	0
Québec/Jean Lesage International	2,451	604	991	441	1,404	1,409	433	20	2	60
Regina International	1,156	350	448	272	54	1,130	672	2	97	0
Saskatoon/John G. Diefenbaker International	1,492	426	844	633	244	1,390	686	0	44	0
Sault Ste. Marie	1,033	190	574	72	372	40	0	0	0	0
St. John's International	115	48	357	590	899	472	1,023	268	84	16
St-Jean	2,457	56	67	0	3	1	0	4	0	0
Thunder Bay	1,071	356	2,455	348	116	444	500	0	0	0
Toronto/Billy Bishop Toronto City	3,876	303	629	48	4	3,374	2	10	0	0
Toronto/Buttonville Municipal	5,498	432	244	66	15	9	0	0	0	0
Toronto/Lester B. Pearson International	41	191	425	2,338	4,162	7,264	13,552	4,112	487	3,562
Vancouver Harbour	163	3,402	1,195	12	0	0	0	0	0	0
Vancouver International	1,151	3,765	961	2,831	2,054	4,998	6,237	1,693	351	1,995
Victoria International	3,863	1,137	305	407	1,088	1,107	645	15	36	0
Whitehorse International	1,429	363	232	88	64	220	272	2	0	20
Windsor	1,279	209	64	99	371	131	83	2	6	0
Winnipeg/James Armstrong Richardson International	628	683	3,333	489	966	1,734	2,457	433	649	58
Winnipeg/St. Andrews	2,872	832	184	0	0	0	0	0	0	0
Yellowknife	691	426	923	223	250	857	516	136	0	2
<b>Total of NAV CANADA towers (42)</b>	<b>94,270</b>	<b>21,415</b>	<b>24,304</b>	<b>17,912</b>	<b>20,084</b>	<b>46,684</b>	<b>52,787</b>	<b>10,376</b>	<b>3,228</b>	<b>8,800</b>

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

	Gross take-off weight in kilograms									
	2 000 and under	2 001 to 4 000	4 001 to 5 670	5 671 to 9 000	9 001 to 18 000	18 001 to 35 000	35 001 to 70 000	70 001 to 90 000	90 001 to 136 000	136 001 and over
	number									
Brandon Municipal	1,054	42	305	32	12	0	0	34	0	0
Campbell River	895	78	76	555	108	9	6	0	0	0
Castlegar	142	34	25	59	75	159	0	0	0	0
Charlottetown	483	190	78	30	213	484	89	0	0	0
Churchill	34	25	135	140	149	342	4	0	0	0
Cranbrook	403	74	55	286	99	116	8	0	0	0
Deer Lake	133	75	47	327	610	152	149	2	0	0
Fort Nelson	1,418	184	291	356	96	32	26	0	0	0
Fort St John	1,176	62	348	326	139	314	50	0	0	0
Grande Prairie	1,333	359	479	358	36	498	159	0	0	0
High Level	886	232	321	141	0	53	33	0	0	0
Îles-de-la-Madeleine	12	60	18	52	135	65	6	4	0	0
Inuvik/Mike Zubko	661	40	802	0	52	40	100	14	0	0
Iqaluit	97	10	671	222	231	411	268	20	0	55
Kamloops	710	135	156	343	133	429	106	22	0	0
Kenora	270	62	646	59	24	16	2	8	0	0
Kingston	872	41	108	299	166	3	2	4	0	0
Kuujuuaq	153	9	613	6	110	41	90	0	0	18
La Grande Rivière	57	83	166	16	84	383	46	0	0	0
La Ronge	209	337	700	81	236	585	0	0	0	0
Lethbridge	791	213	298	291	54	20	0	0	0	0
Lloydminster	694	120	118	101	22	0	0	0	0	0
Medicine Hat	672	34	212	273	4	2	0	0	0	0
Mont-Joli	59	50	211	126	97	37	0	0	0	0
Montréal/Mirabel International	662	185	68	117	30	172	19	6	294	163
Nanaimo	1,224	568	117	64	36	379	0	0	0	0
Norman Wells	333	173	240	0	5	49	184	0	0	0
North Bay	775	200	343	85	194	112	15	20	0	4
Ottawa/Gatineau	1,457	181	116	78	19	2	0	1	0	0
Peace River	358	91	351	20	13	0	0	0	0	0
Penticton	1,167	212	64	121	12	176	14	0	0	0
Port Hardy	108	188	312	103	144	14	12	0	0	0
Prince Albert	179	155	435	282	362	453	0	0	0	0
Prince Rupert	36	144	55	36	67	136	2	0	0	0
Rankin Inlet	154	16	333	135	209	226	153	2	0	0
Red Deer Regional	1,412	242	207	135	4	9	4	2	0	0
Rouyn-Noranda	455	42	367	10	191	196	59	0	0	0
Saint John	179	163	175	252	131	358	57	2	0	0
Sept-Îles	542	276	457	352	390	58	2	0	0	0
Sioux Lookout	103	377	1,370	673	6	2	0	0	0	0
Smithers	439	61	76	215	64	116	14	0	0	0
St Catharines	1,360	106	39	16	9	2	0	0	0	0
Sudbury	399	511	1,521	118	212	323	6	2	0	0
Terrace	391	82	113	160	115	191	0	0	0	0
Thompson	329	672	1,595	30	182	698	0	22	0	0
Timmins	310	323	1,180	111	465	167	0	0	0	0
Val-d'Or	602	85	315	18	291	170	24	0	2	44
Victoria Harbour	52	2,234	1,181	9	24	0	0	0	0	0
Wabush	126	101	262	142	322	23	0	0	0	0
Whitecourt	770	38	166	108	0	16	29	0	0	0
Williams Lake	395	37	67	477	11	11	27	0	0	0
<b>Total of all flight service stations (51)</b>	<b>27,531</b>	<b>10,012</b>	<b>18,404</b>	<b>8,346</b>	<b>6,393</b>	<b>8,250</b>	<b>1,765</b>	<b>165</b>	<b>296</b>	<b>284</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	4,813	494	2,329	616	1,174	147	53
Transborder	67	7	5	3	52	0	0
Other international	17	0	3	1	7	5	1
<b>Total</b>	<b>4,897</b>	<b>501</b>	<b>2,337</b>	<b>620</b>	<b>1,233</b>	<b>152</b>	<b>54</b>
<b>Boundary Bay</b>							
Domestic	6,548	4	1,411	3,663	1,417	36	17
Transborder	137	0	22	45	70	0	0
Other international	10	0	2	5	3	0	0
<b>Total</b>	<b>6,695</b>	<b>4</b>	<b>1,435</b>	<b>3,713</b>	<b>1,490</b>	<b>36</b>	<b>17</b>
<b>Calgary International</b>							
Domestic	16,280	13,768	752	541	965	174	80
Transborder	3,292	2,936	37	4	307	2	6
Other international	620	589	11	4	14	1	1
<b>Total</b>	<b>20,192</b>	<b>17,293</b>	<b>800</b>	<b>549</b>	<b>1,286</b>	<b>177</b>	<b>87</b>
<b>Calgary/Springbank</b>							
Domestic	5,674	42	679	3,342	1,590	18	3
Transborder	64	1	3	1	59	0	0
Other international	74	1	16	16	40	0	1
<b>Total</b>	<b>5,812</b>	<b>44</b>	<b>698</b>	<b>3,359</b>	<b>1,689</b>	<b>18</b>	<b>4</b>
<b>Chicoutimi/St-Honoré</b>							
Domestic	1,675	499	106	781	283	4	2
Transborder	5	2	0	0	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,680</b>	<b>501</b>	<b>106</b>	<b>781</b>	<b>286</b>	<b>4</b>	<b>2</b>
<b>Edmonton City Centre</b>							
Domestic	5,788	1,631	600	2,058	1,077	390	32
Transborder	39	14	2	0	23	0	0
Other international	101	5	16	10	69	1	0
<b>Total</b>	<b>5,928</b>	<b>1,650</b>	<b>618</b>	<b>2,068</b>	<b>1,169</b>	<b>391</b>	<b>32</b>
<b>Edmonton International</b>							
Domestic	9,141	8,272	316	81	424	24	24
Transborder	1,248	1,198	2	5	43	0	0
Other international	128	104	13	4	6	0	1
<b>Total</b>	<b>10,517</b>	<b>9,574</b>	<b>331</b>	<b>90</b>	<b>473</b>	<b>24</b>	<b>25</b>
<b>Edmonton/Villeneuve</b>							
Domestic	2,849	20	204	1,503	452	0	670
Transborder	0	0	0	0	0	0	0
Other international	13	0	4	0	9	0	0
<b>Total</b>	<b>2,862</b>	<b>20</b>	<b>208</b>	<b>1,503</b>	<b>461</b>	<b>0</b>	<b>670</b>
<b>Fort McMurray</b>							
Domestic	5,731	1,755	3,031	316	569	60	0
Transborder	6	1	0	0	5	0	0
Other international	436	10	380	9	36	1	0
<b>Total</b>	<b>6,173</b>	<b>1,766</b>	<b>3,411</b>	<b>325</b>	<b>610</b>	<b>61</b>	<b>0</b>
<b>Fredericton International</b>							
Domestic	3,991	874	2,750	22	189	79	77
Transborder	28	7	3	0	17	0	1
Other international	1	0	0	0	1	0	0
<b>Total</b>	<b>4,020</b>	<b>881</b>	<b>2,753</b>	<b>22</b>	<b>207</b>	<b>79</b>	<b>78</b>
<b>Gander International</b>							
Domestic	1,961	397	1,224	7	77	132	124
Transborder	269	64	1	9	124	1	70
Other international	294	73	5	13	128	5	70
<b>Total</b>	<b>2,524</b>	<b>534</b>	<b>1,230</b>	<b>29</b>	<b>329</b>	<b>138</b>	<b>264</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	6,276	5,181	475	23	262	76	259
Transborder	1,082	958	4	3	83	0	34
Other international	206	165	2	4	11	0	24
<b>Total</b>	<b>7,564</b>	<b>6,304</b>	<b>481</b>	<b>30</b>	<b>356</b>	<b>76</b>	<b>317</b>
<b>Hamilton</b>							
Domestic	2,849	1,382	393	67	504	487	16
Transborder	743	585	12	1	141	4	0
Other international	29	18	2	1	8	0	0
<b>Total</b>	<b>3,621</b>	<b>1,985</b>	<b>407</b>	<b>69</b>	<b>653</b>	<b>491</b>	<b>16</b>
<b>Kelowna</b>							
Domestic	3,969	2,558	295	240	763	91	22
Transborder	236	178	2	1	55	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>4,205</b>	<b>2,736</b>	<b>297</b>	<b>241</b>	<b>818</b>	<b>91</b>	<b>22</b>
<b>Kitchener/Waterloo</b>							
Domestic	3,674	297	2,232	75	1,038	3	29
Transborder	227	65	41	0	120	0	1
Other international	3	0	0	0	3	0	0
<b>Total</b>	<b>3,904</b>	<b>362</b>	<b>2,273</b>	<b>75</b>	<b>1,161</b>	<b>3</b>	<b>30</b>
<b>Langley</b>							
Domestic	3,688	109	313	1,914	1,329	22	1
Transborder	11	0	0	0	11	0	0
Other international	6	0	0	1	2	3	0
<b>Total</b>	<b>3,705</b>	<b>109</b>	<b>313</b>	<b>1,915</b>	<b>1,342</b>	<b>25</b>	<b>1</b>
<b>London</b>							
Domestic	6,138	1,280	963	2,896	927	61	11
Transborder	483	355	3	7	116	1	1
Other international	16	1	3	1	11	0	0
<b>Total</b>	<b>6,637</b>	<b>1,636</b>	<b>969</b>	<b>2,904</b>	<b>1,054</b>	<b>62</b>	<b>12</b>
<b>Moncton/Greater Moncton International</b>							
Domestic	5,739	1,636	3,724	13	184	167	15
Transborder	83	69	0	0	14	0	0
Other international	2	0	1	0	1	0	0
<b>Total</b>	<b>5,824</b>	<b>1,705</b>	<b>3,725</b>	<b>13</b>	<b>199</b>	<b>167</b>	<b>15</b>
<b>Montréal/Pierre Elliott Trudeau International</b>							
Domestic	10,465	8,811	797	14	631	200	12
Transborder	6,230	5,438	149	13	627	0	3
Other international	2,142	1,987	25	12	107	2	9
<b>Total</b>	<b>18,837</b>	<b>16,236</b>	<b>971</b>	<b>39</b>	<b>1,365</b>	<b>202</b>	<b>24</b>
<b>Montréal/St-Hubert</b>							
Domestic	6,773	3,265	591	1,645	1,108	99	65
Transborder	224	19	3	7	192	0	3
Other international	26	3	3	1	19	0	0
<b>Total</b>	<b>7,023</b>	<b>3,287</b>	<b>597</b>	<b>1,653</b>	<b>1,319</b>	<b>99</b>	<b>68</b>
<b>Oshawa</b>							
Domestic	2,242	31	94	1,204	836	74	3
Transborder	42	12	1	2	27	0	0
Other international	9	0	0	0	9	0	0
<b>Total</b>	<b>2,293</b>	<b>43</b>	<b>95</b>	<b>1,206</b>	<b>872</b>	<b>74</b>	<b>3</b>
<b>Ottawa/Macdonald-Cartier International</b>							
Domestic	9,322	5,883	394	2,010	362	489	184
Transborder	2,009	1,832	18	6	124	10	19
Other international	154	133	6	1	2	0	12
<b>Total</b>	<b>11,485</b>	<b>7,848</b>	<b>418</b>	<b>2,017</b>	<b>488</b>	<b>499</b>	<b>215</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	4,851	48	1,350	1,690	1,678	76	9
Transborder	13	0	0	0	13	0	0
Other international	3	0	0	0	2	1	0
<b>Total</b>	<b>4,867</b>	<b>48</b>	<b>1,350</b>	<b>1,690</b>	<b>1,693</b>	<b>77</b>	<b>9</b>
<b>Prince George</b>							
Domestic	2,448	1,252	611	69	433	53	30
Transborder	30	3	0	0	27	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,478</b>	<b>1,255</b>	<b>611</b>	<b>69</b>	<b>460</b>	<b>53</b>	<b>30</b>
<b>Québec/Jean Lesage International</b>							
Domestic	7,065	3,392	1,803	218	1,145	325	182
Transborder	683	559	4	3	89	0	28
Other international	67	54	3	1	9	0	0
<b>Total</b>	<b>7,815</b>	<b>4,005</b>	<b>1,810</b>	<b>222</b>	<b>1,243</b>	<b>325</b>	<b>210</b>
<b>Regina International</b>							
Domestic	3,686	2,022	800	51	454	175	184
Transborder	495	415	4	3	71	0	2
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>4,181</b>	<b>2,437</b>	<b>804</b>	<b>54</b>	<b>525</b>	<b>175</b>	<b>186</b>
<b>Saskatoon/John G Diefenbaker International</b>							
Domestic	5,326	2,966	826	442	635	360	97
Transborder	433	369	0	3	60	1	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>5,759</b>	<b>3,335</b>	<b>826</b>	<b>445</b>	<b>695</b>	<b>361</b>	<b>97</b>
<b>Sault Ste. Marie</b>							
Domestic	2,225	984	123	846	179	50	43
Transborder	51	5	3	5	38	0	0
Other international	5	0	0	2	3	0	0
<b>Total</b>	<b>2,281</b>	<b>989</b>	<b>126</b>	<b>853</b>	<b>220</b>	<b>50</b>	<b>43</b>
<b>St. John's International</b>							
Domestic	3,387	2,209	831	8	118	161	60
Transborder	207	73	2	3	60	0	69
Other international	278	121	18	5	53	1	80
<b>Total</b>	<b>3,872</b>	<b>2,403</b>	<b>851</b>	<b>16</b>	<b>231</b>	<b>162</b>	<b>209</b>
<b>St-Jean</b>							
Domestic	2,584	92	244	83	1,193	29	943
Transborder	4	0	1	0	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,588</b>	<b>92</b>	<b>245</b>	<b>83</b>	<b>1,196</b>	<b>29</b>	<b>943</b>
<b>Thunder Bay</b>							
Domestic	5,119	3,205	644	816	222	171	61
Transborder	167	105	2	1	59	0	0
Other international	4	0	2	0	1	1	0
<b>Total</b>	<b>5,290</b>	<b>3,310</b>	<b>648</b>	<b>817</b>	<b>282</b>	<b>172</b>	<b>61</b>
<b>Toronto/Billy Bishop Toronto City</b>							
Domestic	6,973	2,566	1,563	2,258	529	40	17
Transborder	1,260	1,061	23	2	174	0	0
Other international	13	1	8	1	3	0	0
<b>Total</b>	<b>8,246</b>	<b>3,628</b>	<b>1,594</b>	<b>2,261</b>	<b>706</b>	<b>40</b>	<b>17</b>
<b>Toronto/Buttonville Municipal</b>							
Domestic	6,180	359	3,100	103	2,571	47	0
Transborder	70	7	9	1	53	0	0
Other international	14	0	4	0	10	0	0
<b>Total</b>	<b>6,264</b>	<b>366</b>	<b>3,113</b>	<b>104</b>	<b>2,634</b>	<b>47</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	15,997	15,093	389	9	438	27	41
Transborder	15,570	14,546	189	5	799	0	31
Other international	4,567	4,465	30	10	30	1	31
<b>Total</b>	<b>36,134</b>	<b>34,104</b>	<b>608</b>	<b>24</b>	<b>1,267</b>	<b>28</b>	<b>103</b>
<b>Vancouver Harbour</b>							
Domestic	4,762	4,214	460	0	85	3	0
Transborder	7	0	0	0	7	0	0
Other international	3	1	1	0	0	1	0
<b>Total</b>	<b>4,772</b>	<b>4,215</b>	<b>461</b>	<b>0</b>	<b>92</b>	<b>4</b>	<b>0</b>
<b>Vancouver International</b>							
Domestic	19,431	16,512	1,955	59	599	290	16
Transborder	4,997	4,580	18	10	377	4	8
Other international	1,608	1,472	9	3	14	109	1
<b>Total</b>	<b>26,036</b>	<b>22,564</b>	<b>1,982</b>	<b>72</b>	<b>990</b>	<b>403</b>	<b>25</b>
<b>Victoria International</b>							
Domestic	7,852	2,860	2,635	438	1,545	123	251
Transborder	716	438	20	1	254	0	3
Other international	35	1	9	1	21	1	2
<b>Total</b>	<b>8,603</b>	<b>3,299</b>	<b>2,664</b>	<b>440</b>	<b>1,820</b>	<b>124</b>	<b>256</b>
<b>Whitehorse International</b>							
Domestic	2,474	1,037	693	50	631	45	18
Transborder	204	12	5	2	169	3	13
Other international	12	9	0	1	1	1	0
<b>Total</b>	<b>2,690</b>	<b>1,058</b>	<b>698</b>	<b>53</b>	<b>801</b>	<b>49</b>	<b>31</b>
<b>Windsor</b>							
Domestic	2,037	608	552	72	763	11	31
Transborder	203	114	17	1	70	0	1
Other international	4	1	0	0	3	0	0
<b>Total</b>	<b>2,244</b>	<b>723</b>	<b>569</b>	<b>73</b>	<b>836</b>	<b>11</b>	<b>32</b>
<b>Winnipeg/James Armstrong Richardson International</b>							
Domestic	10,165	8,612	512	77	281	296	387
Transborder	1,244	1,026	19	2	178	4	15
Other international	21	14	0	1	4	0	2
<b>Total</b>	<b>11,430</b>	<b>9,652</b>	<b>531</b>	<b>80</b>	<b>463</b>	<b>300</b>	<b>404</b>
<b>Winnipeg/St. Andrews</b>							
Domestic	3,881	696	1,864	1,035	276	8	2
Transborder	3	0	1	0	2	0	0
Other international	4	0	4	0	0	0	0
<b>Total</b>	<b>3,888</b>	<b>696</b>	<b>1,869</b>	<b>1,035</b>	<b>278</b>	<b>8</b>	<b>2</b>
<b>Yellowknife</b>							
Domestic	3,662	2,837	526	13	120	127	39
Transborder	2	0	0	0	2	0	0
Other international	360	192	147	0	8	13	0
<b>Total</b>	<b>4,024</b>	<b>3,029</b>	<b>673</b>	<b>13</b>	<b>130</b>	<b>140</b>	<b>39</b>
<b>Total of NAV CANADA towers (42)</b>							
Domestic	245,691	129,753	45,154	31,368	30,056	5,250	4,110
Transborder	42,884	37,054	625	149	4,718	30	308
Other international	11,285	9,420	727	108	648	147	235
<b>Total</b>	<b>299,860</b>	<b>176,227</b>	<b>46,506</b>	<b>31,625</b>	<b>35,422</b>	<b>5,427</b>	<b>4,653</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	1,467	119	398	65	438	27	420
Transborder	12	0	0	0	8	0	4
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,479</b>	<b>119</b>	<b>398</b>	<b>65</b>	<b>446</b>	<b>27</b>	<b>424</b>
<b>Campbell River</b>							
Domestic	1,659	650	301	200	466	26	16
Transborder	68	3	3	0	62	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,727</b>	<b>653</b>	<b>304</b>	<b>200</b>	<b>528</b>	<b>26</b>	<b>16</b>
<b>Castlegar</b>							
Domestic	488	295	102	30	47	6	8
Transborder	6	0	0	0	6	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>494</b>	<b>295</b>	<b>102</b>	<b>30</b>	<b>53</b>	<b>6</b>	<b>8</b>
<b>Charlottetown</b>							
Domestic	1,509	839	219	176	186	71	18
Transborder	57	32	0	0	25	0	0
Other international	1	1	0	0	0	0	0
<b>Total</b>	<b>1,567</b>	<b>872</b>	<b>219</b>	<b>176</b>	<b>211</b>	<b>71</b>	<b>18</b>
<b>Churchill</b>							
Domestic	829	739	49	4	11	24	2
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>829</b>	<b>739</b>	<b>49</b>	<b>4</b>	<b>11</b>	<b>24</b>	<b>2</b>
<b>Cranbrook</b>							
Domestic	1,022	567	71	37	329	6	12
Transborder	19	0	1	0	16	0	2
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,041</b>	<b>567</b>	<b>72</b>	<b>37</b>	<b>345</b>	<b>6</b>	<b>14</b>
<b>Deer Lake</b>							
Domestic	1,489	1,076	250	29	42	82	10
Transborder	6	2	0	0	4	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,495</b>	<b>1,078</b>	<b>250</b>	<b>29</b>	<b>46</b>	<b>82</b>	<b>10</b>
<b>Fort Nelson</b>							
Domestic	2,401	361	1,647	24	329	2	38
Transborder	2	0	0	0	2	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,403</b>	<b>361</b>	<b>1,647</b>	<b>24</b>	<b>331</b>	<b>2</b>	<b>38</b>
<b>Fort St John</b>							
Domestic	2,415	801	1,080	20	454	4	56
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,415</b>	<b>801</b>	<b>1,080</b>	<b>20</b>	<b>454</b>	<b>4</b>	<b>56</b>
<b>Grande Prairie</b>							
Domestic	3,219	1,355	1,012	151	439	26	236
Transborder	3	1	0	0	2	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>3,222</b>	<b>1,356</b>	<b>1,012</b>	<b>151</b>	<b>441</b>	<b>26</b>	<b>236</b>
<b>High Level</b>							
Domestic	1,666	547	995	4	106	14	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,666</b>	<b>547</b>	<b>995</b>	<b>4</b>	<b>106</b>	<b>14</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	349	270	10	2	11	42	14
Transborder	3	0	0	0	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>352</b>	<b>270</b>	<b>10</b>	<b>2</b>	<b>14</b>	<b>42</b>	<b>14</b>
<b>Inuvik/Mike Zubko</b>							
Domestic	1,693	1,168	465	0	40	9	11
Transborder	16	0	2	0	7	0	7
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,709</b>	<b>1,168</b>	<b>467</b>	<b>0</b>	<b>47</b>	<b>9</b>	<b>18</b>
<b>Iqaluit</b>							
Domestic	1,843	1,389	341	5	31	57	20
Transborder	50	9	15	1	19	0	6
Other international	92	39	5	6	33	0	9
<b>Total</b>	<b>1,985</b>	<b>1,437</b>	<b>361</b>	<b>12</b>	<b>83</b>	<b>57</b>	<b>35</b>
<b>Kamloops</b>							
Domestic	2,009	994	322	124	467	64	38
Transborder	25	5	2	0	18	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,034</b>	<b>999</b>	<b>324</b>	<b>124</b>	<b>485</b>	<b>64</b>	<b>38</b>
<b>Kenora</b>							
Domestic	927	420	304	42	94	27	40
Transborder	160	17	1	0	139	0	3
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,087</b>	<b>437</b>	<b>305</b>	<b>42</b>	<b>233</b>	<b>27</b>	<b>43</b>
<b>Kingston</b>							
Domestic	1,461	479	282	268	377	21	34
Transborder	34	3	0	0	30	1	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,495</b>	<b>482</b>	<b>282</b>	<b>268</b>	<b>407</b>	<b>22</b>	<b>34</b>
<b>Kuujuuaq</b>							
Domestic	1,033	818	150	3	32	29	1
Transborder	0	0	0	0	0	0	0
Other international	7	0	0	1	5	0	1
<b>Total</b>	<b>1,040</b>	<b>818</b>	<b>150</b>	<b>4</b>	<b>37</b>	<b>29</b>	<b>2</b>
<b>La Grande Rivière</b>							
Domestic	835	551	201	9	66	8	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>835</b>	<b>551</b>	<b>201</b>	<b>9</b>	<b>66</b>	<b>8</b>	<b>0</b>
<b>La Ronge</b>							
Domestic	2,139	1,046	413	1	109	568	2
Transborder	9	0	0	0	9	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,148</b>	<b>1,046</b>	<b>413</b>	<b>1</b>	<b>118</b>	<b>568</b>	<b>2</b>
<b>Lethbridge</b>							
Domestic	1,562	454	23	607	432	38	8
Transborder	105	4	1	5	94	0	1
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,667</b>	<b>458</b>	<b>24</b>	<b>612</b>	<b>526</b>	<b>38</b>	<b>9</b>
<b>Lloydminster</b>							
Domestic	1,054	144	431	26	428	11	14
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,055</b>	<b>144</b>	<b>431</b>	<b>26</b>	<b>429</b>	<b>11</b>	<b>14</b>

Table 7-2 – continued

## Itinerant movements, domestic, transborder and international — NAV CANADA flight service stations

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI			Civil	Military
number							
<b>Medicine Hat</b>							
Domestic	1,193	573	255	46	269	30	20
Transborder	4	0	0	0	4	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,197</b>	<b>573</b>	<b>255</b>	<b>46</b>	<b>273</b>	<b>30</b>	<b>20</b>
<b>Mont-Joli</b>							
Domestic	579	359	109	13	76	20	2
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>580</b>	<b>359</b>	<b>109</b>	<b>13</b>	<b>77</b>	<b>20</b>	<b>2</b>
<b>Montréal/Mirabel International</b>							
Domestic	1,512	594	356	187	328	8	39
Transborder	185	168	0	2	15	0	0
Other international	19	18	0	0	1	0	0
<b>Total</b>	<b>1,716</b>	<b>780</b>	<b>356</b>	<b>189</b>	<b>344</b>	<b>8</b>	<b>39</b>
<b>Nanaimo</b>							
Domestic	2,294	458	699	127	885	108	17
Transborder	93	5	2	0	86	0	0
Other international	1	0	0	0	1	0	0
<b>Total</b>	<b>2,388</b>	<b>463</b>	<b>701</b>	<b>127</b>	<b>972</b>	<b>108</b>	<b>17</b>
<b>Norman Wells</b>							
Domestic	984	795	146	1	31	7	4
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>984</b>	<b>795</b>	<b>146</b>	<b>1</b>	<b>31</b>	<b>7</b>	<b>4</b>
<b>North Bay</b>							
Domestic	1,706	640	421	92	417	65	71
Transborder	40	3	2	0	34	0	1
Other international	2	2	0	0	0	0	0
<b>Total</b>	<b>1,748</b>	<b>645</b>	<b>423</b>	<b>92</b>	<b>451</b>	<b>65</b>	<b>72</b>
<b>Ottawa/Gatineau</b>							
Domestic	1,846	105	443	443	728	97	30
Transborder	8	0	0	0	8	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,854</b>	<b>105</b>	<b>443</b>	<b>443</b>	<b>736</b>	<b>97</b>	<b>30</b>
<b>Peace River</b>							
Domestic	833	336	387	13	87	10	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>833</b>	<b>336</b>	<b>387</b>	<b>13</b>	<b>87</b>	<b>10</b>	<b>0</b>
<b>Penticton</b>							
Domestic	1,743	329	927	30	357	18	82
Transborder	23	2	0	0	21	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,766</b>	<b>331</b>	<b>927</b>	<b>30</b>	<b>378</b>	<b>18</b>	<b>82</b>
<b>Port Hardy</b>							
Domestic	831	622	41	12	76	52	28
Transborder	50	2	0	0	43	0	5
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>881</b>	<b>624</b>	<b>41</b>	<b>12</b>	<b>119</b>	<b>52</b>	<b>33</b>
<b>Prince Albert</b>							
Domestic	1,862	1,321	157	20	171	183	10
Transborder	4	1	0	0	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,866</b>	<b>1,322</b>	<b>157</b>	<b>20</b>	<b>174</b>	<b>183</b>	<b>10</b>

Table 7-2 – continued

## Itinerant movements, domestic, transborder and international — NAV CANADA flight service stations

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI			Civil	Military
number							
<b>Prince Rupert</b>							
Domestic	457	295	83	1	51	24	3
Transborder	18	1	0	1	16	0	0
Other international	1	1	0	0	0	0	0
<b>Total</b>	<b>476</b>	<b>297</b>	<b>83</b>	<b>2</b>	<b>67</b>	<b>24</b>	<b>3</b>
<b>Rankin Inlet</b>							
Domestic	1,228	1,035	166	2	4	15	6
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,228</b>	<b>1,035</b>	<b>166</b>	<b>2</b>	<b>4</b>	<b>15</b>	<b>6</b>
<b>Red Deer Regional</b>							
Domestic	2,006	254	778	206	674	34	60
Transborder	9	1	1	0	7	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,015</b>	<b>255</b>	<b>779</b>	<b>206</b>	<b>681</b>	<b>34</b>	<b>60</b>
<b>Rouyn-Noranda</b>							
Domestic	1,319	582	263	255	192	27	0
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,320</b>	<b>582</b>	<b>263</b>	<b>255</b>	<b>193</b>	<b>27</b>	<b>0</b>
<b>Saint John</b>							
Domestic	1,239	794	151	0	249	9	36
Transborder	73	10	0	0	63	0	0
Other international	5	0	0	0	5	0	0
<b>Total</b>	<b>1,317</b>	<b>804</b>	<b>151</b>	<b>0</b>	<b>317</b>	<b>9</b>	<b>36</b>
<b>Sept-Îles</b>							
Domestic	2,038	1,061	684	43	120	124	6
Transborder	39	10	0	4	25	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,077</b>	<b>1,071</b>	<b>684</b>	<b>47</b>	<b>145</b>	<b>124</b>	<b>6</b>
<b>Sioux Lookout</b>							
Domestic	2,480	1,807	532	21	103	15	2
Transborder	50	4	1	0	45	0	0
Other international	1	1	0	0	0	0	0
<b>Total</b>	<b>2,531</b>	<b>1,812</b>	<b>533</b>	<b>21</b>	<b>148</b>	<b>15</b>	<b>2</b>
<b>Smithers</b>							
Domestic	975	431	241	12	119	5	167
Transborder	10	0	0	0	10	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>985</b>	<b>431</b>	<b>241</b>	<b>12</b>	<b>129</b>	<b>5</b>	<b>167</b>
<b>St Catharines</b>							
Domestic	1,459	19	848	18	541	20	13
Transborder	73	4	8	0	61	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,532</b>	<b>23</b>	<b>856</b>	<b>18</b>	<b>602</b>	<b>20</b>	<b>13</b>
<b>Sudbury</b>							
Domestic	3,072	1,751	691	66	315	239	10
Transborder	13	0	0	0	13	0	0
Other international	7	0	6	0	1	0	0
<b>Total</b>	<b>3,092</b>	<b>1,751</b>	<b>697</b>	<b>66</b>	<b>329</b>	<b>239</b>	<b>10</b>
<b>Terrace</b>							
Domestic	1,051	558	329	84	64	14	2
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,052</b>	<b>558</b>	<b>329</b>	<b>84</b>	<b>65</b>	<b>14</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	3,527	2,562	538	61	88	278	0
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>3,528</b>	<b>2,562</b>	<b>538</b>	<b>61</b>	<b>89</b>	<b>278</b>	<b>0</b>
<b>Timmins</b>							
Domestic	2,548	1,695	366	21	311	153	2
Transborder	8	0	0	0	7	0	1
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>2,556</b>	<b>1,695</b>	<b>366</b>	<b>21</b>	<b>318</b>	<b>153</b>	<b>3</b>
<b>Val-d'Or</b>							
Domestic	1,549	784	471	46	215	27	6
Transborder	2	0	0	0	2	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,551</b>	<b>784</b>	<b>471</b>	<b>46</b>	<b>217</b>	<b>27</b>	<b>6</b>
<b>Victoria Harbour</b>							
Domestic	3,128	2,856	21	0	77	150	24
Transborder	372	0	0	0	372	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>3,500</b>	<b>2,856</b>	<b>21</b>	<b>0</b>	<b>449</b>	<b>150</b>	<b>24</b>
<b>Wabush</b>							
Domestic	975	702	162	2	78	31	0
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>976</b>	<b>702</b>	<b>162</b>	<b>2</b>	<b>79</b>	<b>31</b>	<b>0</b>
<b>Whitecourt</b>							
Domestic	1,124	27	855	112	112	18	0
Transborder	3	0	0	0	3	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,127</b>	<b>27</b>	<b>855</b>	<b>112</b>	<b>115</b>	<b>18</b>	<b>0</b>
<b>Williams Lake</b>							
Domestic	1,020	442	261	6	299	4	8
Transborder	5	0	0	0	5	0	0
Other international	0	0	0	0	0	0	0
<b>Total</b>	<b>1,025</b>	<b>442</b>	<b>261</b>	<b>6</b>	<b>304</b>	<b>4</b>	<b>8</b>
<b>Total of all flight service stations (51)</b>							
Domestic	79,647	38,869	20,447	3,767	11,971	2,947	1,646
Transborder	1,663	287	39	13	1,293	1	30
Other international	136	62	11	7	46	0	10
<b>Total</b>	<b>81,446</b>	<b>39,218</b>	<b>20,497</b>	<b>3,787</b>	<b>13,310</b>	<b>2,948</b>	<b>1,686</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	18	9,426	25	15	77	23	556
Boundary Bay	7	16,004	22	13	116	23	840
Calgary International	3	20,448	8	18	64	30	822
Calgary/Springbank	10	13,731	11	11	102	18	757
Chicoutimi/St-Honoré	33	4,479	4	16	84	1	419
Edmonton City Centre	27	6,672	12	15	43	27	321
Edmonton International	15	10,716	30	11	64	30	451
Edmonton/Villeneuve	30	4,897	25	13	154	25	638
Fort McMurray	26	6,919	9	18	37	17	327
Fredericton International	23	7,731	22	23	53	10	512
Gander International	40	3,392	15	0	37	2	267
Halifax/Robert L. Stanfield International	21	7,958	29	16	68	16	333
Hamilton	32	4,497	20	15	69	20	358
Kelowna	29	6,252	25	11	59	14	319
Kitchener/Waterloo	25	7,260	8	17	72	8	594
Langley	22	7,832	19	12	101	26	394
London	9	15,000	14	15	119	11	1,023
Moncton/Greater Moncton International	16	10,158	22	14	61	10	638
Montréal/Pierre Elliott Trudeau International	5	18,837	11	18	68	11	766
Montréal/St-Hubert	6	16,052	4	14	132	15	1,168
Oshawa	35	4,128	13	12	59	13	334
Ottawa/Macdonald-Cartier International	8	15,574	16	9	120	15	824
Pitt Meadows	17	9,718	5	13	115	5	805
Prince George	36	4,034	25	13	56	18	245
Québec/Jean Lesage International	12	11,290	16	16	83	4	620
Regina International	28	6,357	1	22	44	1	441
Saskatoon/John G. Diefenbaker International	20	8,009	11	16	55	2	437
Sault Ste. Marie	38	3,703	8	10	46	2	282
St. John's International	37	3,987	28	17	25	23	209
St-Jean	39	3,450	22	15	60	21	317
Thunder Bay	24	7,351	14	9	83	14	404
Toronto/Billy Bishop Toronto City	13	10,866	8	10	105	8	646
Toronto/Buttonville Municipal	4	18,888	4	13	144	8	1,250
Toronto/Lester B. Pearson International	1	36,134	6	18	99	24	1,330
Vancouver Harbour	31	4,772	17	17	27	30	215
Vancouver International	2	26,036	30	14	79	30	979
Victoria International	19	8,753	17	14	37	11	399
Whitehorse International	41	3,002	5	12	32	29	179
Windsor	42	2,974	4	14	45	4	200
Winnipeg/James Armstrong Richardson International	11	12,558	2	14	53	29	587
Winnipeg/St. Andrews	14	10,802	16	16	88	1	642
Yellowknife	34	4,289	24	6	58	24	223

**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	13	2,775	5	9	46	14	204
Campbell River	15	2,632	14	11	49	14	164
Castlegar	50	538	30	20	16	30	46
Charlottetown	27	1,865	17	13	27	25	131
Churchill	46	843	29	15	13	29	51
Cranbrook	35	1,437	7	10	38	6	102
Deer Lake	30	1,693	29	13	25	28	95
Fort Nelson	14	2,725	6	12	24	16	147
Fort St John	11	2,886	23	9	29	23	168
Grande Prairie	2	4,501	11	9	33	19	198
High Level	25	1,950	18	13	32	21	128
Îles-de-la-Madeleine	51	352	4	17	6	11	18
Inuvik/Mike Zubko	29	1,789	22	20	18	22	109
Iqaluit	23	2,177	25	13	23	21	106
Kamloops	10	3,142	11	11	46	11	222
Kenora	36	1,335	6	19	33	2	109
Kingston	21	2,433	29	17	37	25	146
Kuujuuaq	39	1,130	18	14	21	18	77
La Grande Rivière	47	837	11	13	8	11	44
La Ronge	20	2,460	23	13	47	22	183
Lethbridge	19	2,519	12	9	37	25	146
Lloydminster	33	1,543	20	10	31	20	172
Medicine Hat	34	1,541	12	9	26	19	157
Mont-Joli	49	580	8	8	7	29	40
Montréal/Mirabel International	17	2,622	2	12	32	18	195
Nanaimo	8	3,360	20	15	50	18	207
Norman Wells	41	1,056	7	11	16	11	68
North Bay	9	3,192	1	15	53	21	238
Ottawa/Gatineau	1	4,636	24	11	72	4	367
Peace River	43	1,019	2	8	24	2	87
Penticton	7	3,418	4	14	54	16	214
Port Hardy	45	951	15	13	25	15	86
Prince Albert	24	1,980	1	18	19	2	113
Prince Rupert	48	615	30	13	20	30	85
Rankin Inlet	37	1,228	23	13	12	18	68
Red Deer Regional	4	3,615	2	11	50	2	273
Rouyn-Noranda	26	1,921	10	17	45	10	107
Saint John	31	1,635	9	20	25	9	129
Sept-Îles	22	2,239	10	10	32	10	151
Sioux Lookout	18	2,578	11	16	15	16	128
Smithers	42	1,045	16	12	34	6	113
St Catharines	12	2,836	4	10	49	4	193
Sudbury	6	3,472	1	13	32	1	212
Terrace	38	1,201	8	14	28	25	81
Thompson	3	3,638	28	12	38	28	181
Timmins	16	2,630	12	10	31	12	170
Val-d'Or	32	1,625	7	16	29	17	88
Victoria Harbour	5	3,500	24	8	21	23	161
Wabush	44	1,004	15	11	13	10	61
Whitecourt	28	1,813	21	14	32	21	156
Williams Lake	40	1,067	12	10	14	25	57

**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	22	4,897	12	12	41	8	291
Boundary Bay	13	6,695	22	13	46	22	387
Calgary International	3	20,192	29	17	63	30	804
Calgary/Springbank	19	5,812	18	12	42	2	294
Chicoutimi/St-Honoré	42	1,680	19	11	21	3	115
Edmonton City Centre	17	5,928	27	11	36	27	309
Edmonton International	7	10,517	30	11	44	8	426
Edmonton/Villeneuve	34	2,862	12	11	45	12	297
Fort McMurray	16	6,173	2	10	32	17	310
Fredericton International	28	4,020	9	17	25	9	292
Gander International	37	2,524	26	22	27	2	153
Halifax/Robert L. Stanfield International	11	7,564	29	16	42	22	309
Hamilton	33	3,621	20	10	22	17	180
Kelowna	25	4,205	12	11	33	12	207
Kitchener/Waterloo	29	3,904	8	11	31	8	292
Langley	32	3,705	12	15	32	12	232
London	14	6,637	1	11	37	17	380
Moncton/Greater Moncton International	18	5,824	23	15	28	10	356
Montréal/Pierre Elliott Trudeau International	4	18,837	11	18	68	11	766
Montréal/St-Hubert	12	7,023	15	16	46	25	457
Oshawa	39	2,293	13	12	53	13	287
Ottawa/Macdonald-Cartier International	5	11,485	22	16	44	25	493
Pitt Meadows	23	4,867	12	13	42	5	299
Prince George	38	2,478	22	15	18	22	125
Québec/Jean Lesage International	10	7,815	4	17	39	22	400
Regina International	26	4,181	15	16	18	1	191
Saskatoon/John G. Diefenbaker International	20	5,759	12	10	24	2	261
Sault Ste. Marie	40	2,281	1	14	20	17	135
St. John's International	31	3,872	4	17	21	23	183
St-Jean	36	2,588	29	9	52	21	229
Thunder Bay	21	5,290	1	11	32	17	283
Toronto/Billy Bishop Toronto City	9	8,246	17	16	61	15	433
Toronto/Buttonville Municipal	15	6,264	8	13	43	11	421
Toronto/Lester B. Pearson International	1	36,134	6	18	99	24	1,330
Vancouver Harbour	24	4,772	17	17	27	30	215
Vancouver International	2	26,036	30	14	79	30	979
Victoria International	8	8,603	17	14	37	3	351
Whitehorse International	35	2,690	5	12	32	5	173
Windsor	41	2,244	4	14	37	4	180
Winnipeg/James Armstrong Richardson International	6	11,430	8	9	39	29	482
Winnipeg/St. Andrews	30	3,888	2	11	25	2	226
Yellowknife	27	4,024	2	10	25	2	175

**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	29	1,479	5	10	30	12	151
Campbell River	19	1,727	14	11	13	21	83
Castlegar	49	494	21	17	7	29	32
Charlottetown	24	1,567	30	16	12	25	89
Churchill	47	829	2	10	9	29	45
Cranbrook	38	1,041	6	10	10	6	60
Deer Lake	28	1,495	18	14	8	14	68
Fort Nelson	8	2,403	1	14	18	9	134
Fort St John	7	2,415	16	10	23	17	137
Grande Prairie	3	3,222	13	15	21	12	138
High Level	23	1,666	9	11	12	11	89
Îles-de-la-Madeleine	51	352	4	17	6	11	18
Inuvik/Mike Zubko	21	1,709	5	16	17	22	99
Iqaluit	14	1,985	4	12	13	30	87
Kamloops	12	2,034	3	14	17	30	92
Kenora	35	1,087	29	10	16	2	69
Kingston	27	1,495	30	16	15	25	94
Kuujuuaq	39	1,040	29	15	9	9	51
La Grande Rivière	45	835	11	13	8	11	44
La Ronge	10	2,148	22	16	20	23	153
Lethbridge	22	1,667	28	10	22	28	95
Lloydminster	36	1,055	20	10	31	20	172
Medicine Hat	33	1,197	19	11	17	19	85
Mont-Joli	48	580	8	8	7	29	40
Montréal/Mirabel International	20	1,716	18	15	17	18	111
Nanaimo	9	2,388	12	11	23	8	116
Norman Wells	42	984	25	11	10	4	60
North Bay	18	1,748	15	14	19	17	107
Ottawa/Gatineau	16	1,854	11	15	17	4	127
Peace River	46	833	2	13	8	2	55
Penticton	17	1,766	3	11	15	30	88
Port Hardy	44	881	1	12	9	30	47
Prince Albert	15	1,866	21	11	14	15	87
Prince Rupert	50	476	18	14	8	18	32
Rankin Inlet	32	1,228	23	13	12	18	68
Red Deer Regional	13	2,015	2	11	50	2	197
Rouyn-Noranda	30	1,320	6	17	11	3	74
Saint John	31	1,317	23	11	9	25	70
Sept-Îles	11	2,077	18	8	22	16	150
Sioux Lookout	6	2,531	11	16	15	16	116
Smithers	41	985	6	11	31	6	113
St Catharines	26	1,532	5	11	32	5	144
Sudbury	4	3,092	1	13	22	1	202
Terrace	37	1,052	2	15	9	4	55
Thompson	1	3,528	29	11	19	29	164
Timmins	5	2,556	12	10	31	12	170
Val-d'Or	25	1,551	17	10	13	17	88
Victoria Harbour	2	3,500	24	8	21	23	161
Wabush	43	976	11	10	10	10	51
Whitecourt	34	1,127	20	14	24	20	135
Williams Lake	40	1,025	28	17	10	20	55

**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	8	4,529	25	15	58	3	285
Boundary Bay	2	9,309	11	13	74	23	476
Calgary International	35	256	5	9	20	5	44
Calgary/Springbank	5	7,919	26	15	70	18	488
Chicoutimi/St-Honoré	15	2,799	4	16	74	1	346
Edmonton City Centre	30	744	12	15	28	12	73
Edmonton International	36	199	30	11	20	30	26
Edmonton/Villeneuve	21	2,035	25	13	147	25	566
Fort McMurray	29	746	13	10	19	20	74
Fredericton International	12	3,711	22	23	44	10	285
Gander International	27	868	15	0	34	3	116
Halifax/Robert L. Stanfield International	32	394	29	16	26	9	55
Hamilton	26	876	20	15	50	20	186
Kelowna	20	2,047	20	15	44	14	162
Kitchener/Waterloo	14	3,356	10	22	60	8	302
Langley	10	4,127	19	12	78	9	216
London	4	8,363	14	15	100	11	654
Moncton/Greater Moncton International	9	4,334	26	22	44	11	286
Montréal/Pierre Elliott Trudeau International	0	0	0	0	0	0	0
Montréal/St-Hubert	3	9,029	13	10	98	4	736
Oshawa	22	1,835	11	15	44	11	190
Ottawa/Macdonald-Cartier International	11	4,089	10	15	100	15	334
Pitt Meadows	7	4,851	5	13	82	5	506
Prince George	23	1,556	25	13	48	12	134
Québec/Jean Lesage International	13	3,475	16	16	54	4	254
Regina International	18	2,176	1	22	40	1	250
Saskatoon/John G. Diefenbaker International	17	2,250	11	16	38	2	176
Sault Ste. Marie	24	1,422	17	16	36	2	180
St. John's International	38	115	26	21	10	23	26
St-Jean	28	862	8	11	34	21	88
Thunder Bay	19	2,061	14	9	68	14	188
Toronto/Billy Bishop Toronto City	16	2,620	8	10	46	8	214
Toronto/Buttonville Municipal	1	12,624	4	13	108	8	838
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	37	150	11	2	24	11	66
Whitehorse International	33	312	23	13	18	25	65
Windsor	31	730	13	17	22	18	64
Winnipeg/James Armstrong Richardson International	25	1,128	2	14	20	29	105
Winnipeg/St. Andrews	6	6,914	16	16	64	1	445
Yellowknife	34	265	24	6	57	24	97

**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	6	1,296	14	11	34	14	132
Campbell River	12	905	14	11	36	14	104
Castlegar	43	44	30	20	14	30	24
Charlottetown	24	298	17	13	20	17	50
Churchill	46	14	8	21	8	8	8
Cranbrook	18	396	7	10	30	7	60
Deer Lake	27	198	29	13	22	3	36
Fort Nelson	21	322	6	12	22	13	60
Fort St John	17	471	14	14	24	25	52
Grande Prairie	7	1,279	7	11	24	19	99
High Level	25	284	18	13	30	21	66
Îles-de-la-Madeleine	0	0	0	0	0	0	0
Inuvik/Mike Zubko	36	80	22	20	10	8	12
Iqaluit	28	192	25	13	14	21	32
Kamloops	8	1,108	11	11	34	11	148
Kenora	26	248	6	19	30	6	56
Kingston	10	938	29	17	30	8	62
Kuujuuaq	35	90	18	14	18	18	34
La Grande Rivière	47	2	24	20	2	24	2
La Ronge	23	312	23	13	28	21	46
Lethbridge	13	852	9	9	28	25	70
Lloydminster	16	488	10	11	24	12	52
Medicine Hat	20	344	2	13	18	19	72
Mont-Joli	0	0	0	0	0	0	0
Montréal/Mirabel International	11	906	2	12	26	18	84
Nanaimo	9	972	20	15	44	18	108
Norman Wells	39	72	7	11	8	11	14
North Bay	4	1,444	1	15	44	21	138
Ottawa/Gatineau	1	2,782	24	11	72	4	240
Peace River	29	186	2	8	20	2	32
Penticton	2	1,652	4	14	44	16	164
Port Hardy	40	70	15	13	24	15	50
Prince Albert	33	114	1	18	14	2	32
Prince Rupert	32	139	30	13	20	30	54
Rankin Inlet	0	0	0	0	0	0	0
Red Deer Regional	3	1,600	8	18	36	18	136
Rouyn-Noranda	15	601	10	17	36	10	48
Saint John	22	318	9	20	23	9	69
Sept-Îles	30	162	8	5	22	4	32
Sioux Lookout	42	47	18	22	8	16	12
Smithers	41	60	16	12	32	16	32
St Catharines	5	1,304	4	10	40	3	140
Sudbury	19	380	10	15	20	24	40
Terrace	31	149	8	14	25	25	44
Thompson	34	110	28	12	26	28	38
Timmins	37	74	8	10	12	25	16
Val-d'Or	38	74	7	16	18	7	18
Victoria Harbour	0	0	0	0	0	0	0
Wabush	45	28	18	20	10	10	10
Whitecourt	14	686	17	10	26	9	60
Williams Lake	44	42	12	10	8	16	12

**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	8	4,529	25	15	58	3	285
Boundary Bay	2	9,291	11	13	74	23	476
Calgary International	35	256	5	9	20	5	44
Calgary/Springbank	5	7,919	26	15	70	18	488
Chicoutimi/St-Honoré	15	2,799	4	16	74	1	346
Edmonton City Centre	30	744	12	15	28	12	73
Edmonton International	36	199	30	11	20	30	26
Edmonton/Villeneuve	21	2,035	25	13	147	25	566
Fort McMurray	29	746	13	10	19	20	74
Fredericton International	12	3,711	22	23	44	10	285
Gander International	28	780	15	0	34	2	112
Halifax/Robert L. Stanfield International	32	392	29	16	24	9	55
Hamilton	26	876	20	15	50	20	186
Kelowna	20	2,047	20	15	44	14	162
Kitchener/Waterloo	14	3,356	10	22	60	8	302
Langley	10	4,127	19	12	78	9	216
London	4	8,353	14	15	100	11	654
Moncton/Greater Moncton International	9	4,334	26	22	44	11	286
Montréal/Pierre Elliott Trudeau International	0	0	0	0	0	0	0
Montréal/St-Hubert	3	9,029	13	10	98	4	736
Oshawa	22	1,834	11	15	44	11	190
Ottawa/Macdonald-Cartier International	11	4,083	10	15	100	15	334
Pitt Meadows	7	4,851	5	13	82	5	506
Prince George	23	1,556	25	13	48	12	134
Québec/Jean Lesage International	13	3,475	16	16	54	4	254
Regina International	18	2,176	1	22	40	1	250
Saskatoon/John G. Diefenbaker International	17	2,250	11	16	38	2	176
Sault Ste. Marie	24	1,388	17	16	36	2	180
St. John's International	38	115	26	21	10	23	26
St-Jean	27	862	8	11	34	21	88
Thunder Bay	19	2,061	14	9	68	14	188
Toronto/Billy Bishop Toronto City	16	2,620	8	10	46	8	214
Toronto/Buttonville Municipal	1	12,624	4	13	108	8	838
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	37	150	11	2	24	11	66
Whitehorse International	33	312	23	13	18	25	65
Windsor	31	714	13	17	22	18	64
Winnipeg/James Armstrong Richardson International	25	1,128	2	14	20	29	105
Winnipeg/St. Andrews	6	6,914	16	16	64	1	445
Yellowknife	34	265	24	6	57	24	97



**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	7	1,262	14	11	34	14	132
Campbell River	11	905	14	11	36	14	104
Castlegar	44	40	30	20	14	30	24
Charlottetown	25	282	5	11	12	25	42
Churchill	46	14	8	21	8	8	8
Cranbrook	18	392	7	10	30	7	60
Deer Lake	27	198	29	13	22	3	36
Fort Nelson	21	322	6	12	22	13	60
Fort St John	17	471	14	14	24	25	52
Grande Prairie	6	1,279	7	11	24	19	99
High Level	24	284	18	13	30	21	66
Îles-de-la-Madeleine	0	0	0	0	0	0	0
Inuvik/Mike Zubko	38	72	22	20	10	8	12
Iqaluit	28	192	25	13	14	21	32
Kamloops	8	1,072	11	11	34	11	148
Kenora	26	206	6	19	28	6	54
Kingston	10	938	29	17	30	8	62
Kuuujuaq	35	90	18	14	18	18	34
La Grande Rivière	47	2	24	20	2	24	2
La Ronge	23	312	23	13	28	21	46
Lethbridge	13	850	9	9	28	25	70
Lloydminster	16	488	10	11	24	12	52
Medicine Hat	20	340	2	13	18	19	72
Mont-Joli	0	0	0	0	0	0	0
Montréal/Mirabel International	12	878	2	12	26	18	84
Nanaimo	9	972	20	15	44	18	108
Norman Wells	39	72	7	11	8	11	14
North Bay	4	1,438	1	15	44	21	138
Ottawa/Gatineau	1	2,776	24	11	72	4	240
Peace River	29	186	2	8	20	2	32
Penticton	2	1,652	4	14	44	16	164
Port Hardy	40	70	15	13	24	15	50
Prince Albert	33	114	1	18	14	2	32
Prince Rupert	32	139	30	13	20	30	54
Rankin Inlet	0	0	0	0	0	0	0
Red Deer Regional	3	1,586	8	18	36	18	136
Rouyn-Noranda	15	601	10	17	36	10	48
Saint John	22	318	9	20	23	9	69
Sept-Îles	30	162	8	5	22	4	32
Sioux Lookout	42	47	18	22	8	16	12
Smithers	41	60	16	12	32	16	32
St Catharines	5	1,304	4	10	40	3	140
Sudbury	19	380	10	15	20	24	40
Terrace	31	149	8	14	25	25	44
Thompson	34	110	28	12	26	28	38
Timmins	37	74	8	10	12	25	16
Val-d'Or	36	74	7	16	18	7	18
Victoria Harbour	0	0	0	0	0	0	0
Wabush	45	28	18	20	10	10	10
Whitecourt	14	686	17	10	26	9	60
Williams Lake	43	42	12	10	8	16	12

**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	3	18	18	15	6	18	12
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	0	0	0	0	0	0	0
Edmonton/Villeneuve	0	0	0	0	0	0	0
Fort McMurray	0	0	0	0	0	0	0
Fredericton International	0	0	0	0	0	0	0
Gander International	1	88	3	8	8	3	24
Halifax/Robert L. Stanfield International	7	2	29	16	2	29	2
Hamilton	0	0	0	0	0	0	0
Kelowna	0	0	0	0	0	0	0
Kitchener/Waterloo	0	0	0	0	0	0	0
Langley	0	0	0	0	0	0	0
London	5	10	6	23	10	6	10
Moncton/Greater Moncton International	0	0	0	0	0	0	0
Montréal/Pierre Elliott Trudeau International	0	0	0	0	0	0	0
Montréal/St-Hubert	0	0	0	0	0	0	0
Oshawa	8	1	21	18	1	21	1
Ottawa/Macdonald-Cartier International	6	6	4	18	6	4	6
Pitt Meadows	0	0	0	0	0	0	0
Prince George	0	0	0	0	0	0	0
Québec/Jean Lesage International	0	0	0	0	0	0	0
Regina International	0	0	0	0	0	0	0
Saskatoon/John G. Diefenbaker International	0	0	0	0	0	0	0
Sault Ste. Marie	2	34	7	9	22	7	32
St. John's International	0	0	0	0	0	0	0
St-Jean	0	0	0	0	0	0	0
Thunder Bay	0	0	0	0	0	0	0
Toronto/Billy Bishop Toronto City	0	0	0	0	0	0	0
Toronto/Butterville 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	4	16	4	16	8	4	12
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	3	34	2	11	14	2	14
Campbell River	0	0	0	0	0	0	0
Castlegar	10	4	13	14	4	13	4
Charlottetown	5	16	17	13	12	17	16
Churchill	0	0	0	0	0	0	0
Cranbrook	11	4	12	14	4	12	4
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	7	8	7	9	8	7	8
Iqaluit	0	0	0	0	0	0	0
Kamloops	2	36	3	14	18	3	28
Kenora	1	42	30	11	22	30	22
Kingston	0	0	0	0	0	0	0
Kuujuuaq	0	0	0	0	0	0	0
La Grande Rivière	0	0	0	0	0	0	0
La Ronge	0	0	0	0	0	0	0
Lethbridge	13	2	18	14	2	18	2
Lloydminster	0	0	0	0	0	0	0
Medicine Hat	12	4	12	15	4	12	4
Mont-Joli	0	0	0	0	0	0	0
Montréal/Mirabel International	4	28	24	18	12	24	12
Nanaimo	0	0	0	0	0	0	0
Norman Wells	0	0	0	0	0	0	0
North Bay	9	6	29	14	6	29	6
Ottawa/Gatineau	8	6	15	11	6	15	6
Peace River	0	0	0	0	0	0	0
Penticton	0	0	0	0	0	0	0
Port Hardy	0	0	0	0	0	0	0
Prince Albert	0	0	0	0	0	0	0
Prince Rupert	0	0	0	0	0	0	0
Rankin Inlet	0	0	0	0	0	0	0
Red Deer Regional	6	14	12	10	12	12	12
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	0	0	0	0	0	0	0

# Methodology

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## Survey universe

### Coverage

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

## Methodology survey

The Itinerant movement record is designed to capture:

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

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

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

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

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

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

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

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

## Data quality and limitations

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

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

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

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

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

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

# Appendix I

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## Factors influencing the data

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

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

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

In June 2009, Air Canada added daily non-stop service between Calgary and Portland, Oregon as well as between Calgary and London, United Kingdom. Year-round daily non-stop service between Montreal and Geneva commenced on June 1, 2009.

Effective May 4, 2009, Air France added another daily flight out of Montreal/Trudeau to Paris/CDG.

On May 15, 2009, Air Canada launched a new daily non-stop service between Calgary and San Diego, CA.

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

## Appendix II

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### Glossary of terms

#### Air carrier

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

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

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

#### Aircraft movement

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

#### Class of operation

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

#### Commercial

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

#### Domestic itinerant movements

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

#### FSS

Flight service station.

#### Government-Civil

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

#### Government-Military

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



## Gross take-off weight

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

## I.F.R. flight

A flight conducted in accordance with Instrument flight rules.

## International movements

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

## Itinerant movements

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

## Local movements

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

## Other commercial

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

## Power plant

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

## Private aircraft

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

## Runway 88

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

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

## Simulated approaches

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

## TC

Transport Canada.

## Tower control zone

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

## V.F.R. flight

A flight conducted in accordance with Visual flight rules.

## Weight group

The classification of weight classes in groups for statistical purposes.