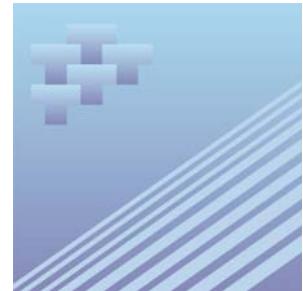# Aircraft Movement Statistics: NAV CANADA Towers and Flight Service Stations (TP 141)

October 2009

Statistics Canada **Statistique Canada**

Canada

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Statistics Canada
Transportation Division

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

October 2009

User information

Symbols

The following standard symbols are used in Statistics Canada publications:

.   not available for any reference period

..   not available for a specific reference period

...   not applicable

0   true zero or a value rounded to zero

0^s value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded

^{p} preliminary

^{r} revised

x   suppressed to meet the confidentiality requirements of the *Statistics Act*

^{E} use with caution

F   too unreliable to be published

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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 declined by 14.4% in October compared with October 2008. These 93 airports reported 474,604 movements in October compared with 554,419 movements at 95 airports in October 2008.

- Itinerant movements (flights from one airport to another) fell 10.9% (-41,630 movements) in October 2009 compared with the same month a year earlier.

- Local movements (flights that remain in the vicinity of the airport) declined by 22.0% (-38,185 movements) in October 2009 over the previous year.

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

	NAV CANADA towers	Change from October 2009/ October 2008	NAV CANADA Flight Service Stations	Change from October 2009/ October 2008	Total	Change from October 2009/ October 2008
	number	percent	number	percent	number	percent
Grand total	**378,751**	**-15.7**	**95,853**	**-8.7**	**474,604**	**-14.4**
Itinerant movements						
Air carriers	201,493	-7.6	52,647	-7.2	254,140	-7.5
Other commercial movements	32,845	-24.4	4,016	-26.1	36,861	-24.6
Private movements	26,259	-21.6	10,219	-4.0	36,478	-17.4
Government civil movements	3,989	-19.7	1,889	2.1	5,878	-13.8
Government military movements	4,395	-3.0	1,798	-11.3	6,193	-5.6
Itinerant total	268,981	-11.7	70,569	-8.0	339,550	-10.9
Local movements						
Civil local movements	108,657	-24.5	25,146	-8.6	133,803	-22.0
Military local movements	1,113	5.5	138	-81.3	1,251	-30.2
Local total	109,770	-24.3	25,284	-10.5	135,054	-22.0

Analysis

Aircraft take-offs and landings at the 93 Canadian airports with NAV CANADA air traffic control towers and flight service stations declined by 14.4% in October compared with October 2008. These 93 airports reported 474,604 movements in October compared with 554,419 movements at 95 airports in October 2008.

Itinerant movements (flights from one airport to another) fell 10.9% (-41,630 movements) in October 2009 compared with the same month a year earlier.

Local movements (flights that remain in the vicinity of the airport) declined by 22.0% (-38,185 movements) in October 2009 over the previous year.

Airports with NAV CANADA air traffic control towers

The 41 Canadian airports with NAV CANADA air traffic control towers reported 378,751 aircraft take-offs and landings in October 2009 down 15.7% (-70,695 movements) compared with October 2008. Year-over-year increases in aircraft movements were reported by 5 of these airports in October 2009. The variations ranged from an increase of 22.4% at Moncton/Greater Moncton International, New Brunswick to a decline of 53.8% at Windsor, Ontario.

Itinerant movements (flights from one airport to another) decreased 11.7% (-35,479 movements) in October 2009 compared with the same month a year earlier. Year-over-year variations in itinerant movements ranged from a 61.8% increase (+788 movements) at Edmonton/Villeneuve, Alberta to a decline of 43.8% (-998 movements) at Windsor, Ontario.

Local movements (flights that remain in the vicinity of the airport) fell by 35,216 movements (-24.3%) in October 2009 compared with October 2008. Montréal/St-Hubert, Quebec recorded the largest gain in local movements, increasing by 2,272 movements (+36.0%) while Abbotsford, British Columbia reported the largest decline with 4,371 fewer movements (-46.7%) compared with the previous year.

The Air Traffic Control Tower at Montréal/Mirabel International, Quebec closed in December 2008 and re-opened as a Flight Service Station. Montréal/Mirabel International reported 2,619 movements in October 2008 compared with 2,378 movements reported for the Flight Service Station in October 2009, down 9.2%.

Airports with NAV CANADA flight service stations

The 52 Canadian airports with NAV CANADA flight service stations reported 95,853 aircraft take-offs and landings in October 2009 down 8.7% (-9,120 movements) compared with October 2008. Year-over-year increases in aircraft movements were reported by 15 of these airports in October 2009. The variations ranged from a 37.7% increase (+1,102 movements) at Ottawa/Gatineau, Quebec to a decline of 50.7% (-1,987 movements) at Red Deer Regional, Alberta.

Itinerant movements (flights from one airport to another) decreased by 8.0% (-6,151 movements) in October 2009 compared with the same month a year earlier. Year-over-year variations in itinerant movements ranged from a 39.9% increase (+215 movements) at Mont-Joli, Quebec to a decline of 48.1% (-1,101 movements) at Red Deer Regional, Alberta.

Local movements (flights that remain in the vicinity of the airport) recorded in October 2009 decreased by 10.5% (-2,969 movements) compared with the same month a year earlier. Ottawa/Gatineau, Quebec recorded the largest gain in local movements, increasing by 948 movements (+62.3%) compared with October 2008. Whitecourt, Alberta recorded the largest decline in local movements, dropping 1,242 movements (-49.2%) compared with October 2008.

Related products

Selected publications from Statistics Canada

51-008-X	Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)
51-206-X	Canadian Civil Aviation
51-207-X	Air Charter Statistics
51-209-X	Aircraft Movement Statistics: NAV CANADA Towers and Flight Service Stations: Annual Report (TP 577)
51-210-X	Aircraft Movement Statistics: Airports Without Air Traffic Control Towers: Annual Report (TP 577)

Selected CANSIM tables from Statistics Canada

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

Selected surveys from Statistics Canada

2715	Aircraft Movement Statistics

Selected summary tables from Statistics Canada

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

Statistical tables

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

	Total		Itinerant		Local	
	Rank of movements	Number of movements	Rank of movements	Number of movements	Rank of movements	Number of movements
Abbotsford	18	9,364	21	4,371	9	4,993
Boundary Bay	9	12,546	15	5,648	4	6,898
Calgary International	3	19,140	3	19,038	37	102
Calgary/Springbank	15	10,095	23	4,236	6	5,859
Chicoutimi/St-Honoré	25	6,398	38	1,654	10	4,744
Edmonton City Centre	26	5,714	18	4,754	25	960
Edmonton International	14	10,499	7	10,264	36	235
Edmonton/Villeneuve	28	5,163	35	2,063	17	3,100
Fort McMurray	29	5,078	20	4,511	31	567
Gander International	39	2,242	39	1,499	26	743
Halifax/Robert L Stanfield International	22	7,770	12	7,316	33	454
Hamilton	36	3,552	31	2,930	30	622
Kelowna	27	5,590	26	3,894	21	1,696
Kitchener/Waterloo	20	8,233	25	3,902	12	4,331
Langley	30	4,647	32	2,586	20	2,061
London	11	11,427	14	5,984	8	5,443
Moncton/Greater Moncton International	7	15,272	9	7,897	2	7,375
Montréal/Pierre Elliott Trudeau International	4	17,719	4	17,719	0	0
Montréal/St-Hubert	5	15,991	11	7,403	1	8,588
Oshawa	24	6,674	33	2,530	13	4,144
Ottawa/Macdonald-Cartier International	6	15,715	5	11,885	14	3,830
Pitt Meadows	16	9,802	22	4,320	7	5,482
Prince George	38	2,373	36	1,885	32	488
Québec/Jean Lesage International	13	10,817	8	7,913	18	2,904
Regina International	32	4,421	28	3,336	24	1,085
Saskatoon/John G Diefenbaker International	23	6,911	17	4,772	19	2,139
Sault Ste. Marie	37	3,297	37	1,818	22	1,479
St. John's International	35	3,555	30	3,135	34	420
St-Jean	34	3,572	34	2,278	23	1,294
Thunder Bay	19	9,123	16	5,462	16	3,661
Toronto/Buttonville Municipal	8	13,853	13	6,802	3	7,051
Toronto/City Centre	21	7,817	24	4,136	15	3,681
Toronto/Lester B Pearson International	1	33,669	1	33,669	0	0
Vancouver Harbour	31	4,516	19	4,516	0	0
Vancouver International	2	25,172	2	25,121	38	51
Victoria International	10	12,318	10	7,680	11	4,638
Whitehorse International	41	1,597	41	1,275	35	322
Windsor	40	2,014	40	1,280	27	734
Winnipeg/James Armstrong Richardson International	12	11,327	6	10,672	28	655
Winnipeg/St. Andrews	17	9,541	29	3,240	5	6,301
Yellowknife	33	4,227	27	3,587	29	640
Total of NAV CANADA towers (41)	.	**378,751**	.	**268,981**	.	**109,770**

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	19	1,928	20	1,438	16	490
Campbell River	16	2,163	17	1,501	13	662
Castlegar	27	1,339	41	779	14	560
Charlottetown	29	1,242	26	1,152	32	90
Churchill	38	989	31	989	0	0
Cranbrook	31	1,119	37	847	19	272
Deer Lake	28	1,249	24	1,231	42	18
Fort Nelson	36	1,039	30	1,007	40	32
Fort St John	23	1,633	19	1,452	25	181
Fredericton International	1	9,723	1	5,589	1	4,134
Grande Prairie	8	3,141	7	2,057	7	1,084
High Level	46	774	45	736	38	38
Îles-de-la-Madeleine	52	303	52	303	0	0
Inuvik/Mike Zubko	26	1,431	23	1,315	28	116
Iqaluit	22	1,636	18	1,470	26	166
Kamloops	11	2,564	14	1,654	9	910
Kenora	37	1,017	40	802	24	215
Kingston	4	3,667	10	1,973	5	1,694
Kuujjuaq	40	941	34	927	45	14
La Grande Rivière	45	786	43	779	47	7
La Ronge	34	1,099	28	1,047	36	52
Lethbridge	24	1,521	32	981	15	540
Lloydminster	41	894	50	564	18	330
Medicine Hat	35	1,046	39	802	23	244
Mont-Joli	47	758	44	754	48	4
Montréal/Mirabel International	12	2,378	13	1,687	11	691
Nanaimo	15	2,257	11	1,801	17	456
Norman Wells	39	981	35	877	29	104
North Bay	2	4,503	12	1,711	2	2,792
Ottawa/Gatineau	3	4,027	16	1,557	3	2,470
Peace River	50	640	47	622	43	18
Penticton	7	3,165	22	1,341	4	1,824
Port Hardy	49	652	48	618	39	34
Prince Albert	25	1,455	21	1,365	31	90
Prince Rupert	51	411	51	311	30	100
Rankin Inlet	32	1,116	27	1,058	35	58
Red Deer Regional	18	1,934	25	1,190	10	744
Rouyn-Noranda	30	1,232	33	968	20	264
Saint John	21	1,806	15	1,562	22	244
Sept-Îles	14	2,263	8	2,011	21	252
Sioux Lookout	13	2,318	5	2,280	37	38
Smithers	44	789	42	779	46	10
St Catharines	5	3,518	4	2,592	8	926
Sudbury	9	2,961	6	2,279	12	682
Terrace	42	864	36	864	0	0
Thompson	10	2,880	3	2,722	27	158
Timmins	17	2,013	9	1,995	41	18
Val-d'Or	33	1,107	29	1,033	34	74
Victoria Harbour	6	3,186	2	3,172	44	14
Wabush	43	808	38	808	0	0
Whitecourt	20	1,849	49	567	6	1,282
Williams Lake	48	738	46	650	33	88
Total of all flight service stations (52)	.	**95,853**	.	**70,569**	.	**25,284**

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	9,233	3,204	1,056	4,973	131	111	20
Boundary Bay	12,541	4,368	1,277	6,896	5	3	2
Calgary International	19,089	17,754	1,233	102	51	51	0
Calgary/Springbank	10,070	3,203	1,010	5,857	25	23	2
Chicoutimi/St-Honoré	6,392	1,498	154	4,740	6	2	4
Edmonton City Centre	5,694	3,709	1,027	958	20	18	2
Edmonton International	10,465	9,874	360	231	34	30	4
Edmonton/Villeneuve	4,381	1,008	273	3,100	782	782	0
Fort McMurray	5,073	4,080	426	567	5	5	0
Gander International	1,793	972	264	557	449	263	186
Halifax/Robert L Stanfield International	7,470	6,758	342	370	300	216	84
Hamilton	3,545	2,227	696	622	7	7	0
Kelowna	5,568	3,279	597	1,692	22	18	4
Kitchener/Waterloo	8,195	2,925	940	4,330	38	37	1
Langley	4,642	1,529	1,052	2,061	5	5	0
London	11,406	5,060	915	5,431	21	9	12
Moncton/Greater Moncton International	15,260	7,509	378	7,373	12	10	2
Montréal/Pierre Elliott Trudeau International	17,713	16,392	1,321	0	6	6	0
Montréal/St-Hubert	15,865	5,924	1,356	8,585	126	123	3
Oshawa	6,672	1,804	724	4,144	2	2	0
Ottawa/Macdonald-Cartier International	15,465	10,762	889	3,814	250	234	16
Pitt Meadows	9,706	2,978	1,246	5,482	96	96	0
Prince George	2,354	1,519	347	488	19	19	0
Québec/Jean Lesage International	10,677	6,598	1,178	2,901	140	137	3
Regina International	4,226	2,701	474	1,051	195	161	34
Saskatoon/John G Diefenbaker International	6,769	3,865	795	2,109	142	112	30
Sault Ste. Marie	3,280	1,649	154	1,477	17	15	2
St. John's International	3,294	2,661	217	416	261	257	4
St-Jean	2,901	768	839	1,294	671	671	0
Thunder Bay	9,044	5,116	283	3,645	79	63	16
Toronto/Buttonville Municipal	13,849	4,429	2,371	7,049	4	2	2
Toronto/City Centre	7,814	3,708	425	3,681	3	3	0
Toronto/Lester B Pearson International	33,660	32,227	1,433	0	9	9	0
Vancouver Harbour	4,488	4,428	60	0	28	28	0
Vancouver International	25,024	23,724	1,249	51	148	148	0
Victoria International	11,932	6,001	1,475	4,456	386	204	182
Whitehorse International	1,592	1,050	220	322	5	5	0
Windsor	2,010	971	305	734	4	4	0
Winnipeg/James Armstrong Richardson International	10,593	9,682	564	347	734	426	308
Winnipeg/St. Andrews	9,527	3,021	207	6,299	14	12	2
Yellowknife	3,971	3,403	116	452	256	68	188
Total of NAV CANADA towers (41)	**373,243**	**234,338**	**30,248**	**108,657**	**5,508**	**4,395**	**1,113**

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	1,346	312	564	470	582	562	20
Campbell River	2,157	1,160	335	662	6	6	0
Castlegar	1,333	737	36	560	6	6	0
Charlottetown	1,224	990	144	90	18	18	0
Churchill	989	959	30	0	0	0	0
Cranbrook	1,098	618	212	268	21	17	4
Deer Lake	1,241	1,181	42	18	8	8	0
Fort Nelson	1,002	859	111	32	37	37	0
Fort St John	1,627	1,210	236	181	6	6	0
Fredericton International	9,617	5,236	253	4,128	106	100	6
Grande Prairie	3,095	1,720	291	1,084	46	46	0
High Level	772	703	31	38	2	2	0
Îles-de-la-Madeleine	301	263	38	0	2	2	0
Inuvik/Mike Zubko	1,427	1,276	35	116	4	4	0
Iqaluit	1,618	1,239	213	166	18	18	0
Kamloops	2,510	1,195	409	906	54	50	4
Kenora	962	684	75	203	55	43	12
Kingston	3,637	1,462	485	1,690	30	26	4
Kuujjuaq	941	907	20	14	0	0	0
La Grande Rivière	786	732	47	7	0	0	0
La Ronge	1,092	934	106	52	7	7	0
Lethbridge	1,513	688	285	540	8	8	0
Lloydminster	884	307	247	330	10	10	0
Medicine Hat	1,006	554	224	228	40	24	16
Mont-Joli	590	464	126	0	168	164	4
Montréal/Mirabel International	2,303	1,280	356	667	75	51	24
Nanaimo	2,251	1,066	729	456	6	6	0
Norman Wells	977	838	35	104	4	4	0
North Bay	4,443	1,242	421	2,780	60	48	12
Ottawa/Gatineau	4,015	942	603	2,470	12	12	0
Peace River	640	542	80	18	0	0	0
Penticton	3,095	988	283	1,824	70	70	0
Port Hardy	631	487	110	34	21	21	0
Prince Albert	1,438	1,184	164	90	17	17	0
Prince Rupert	409	275	34	100	2	2	0
Rankin Inlet	1,114	1,034	22	58	2	2	0
Red Deer Regional	1,928	702	482	744	6	6	0
Rouyn-Noranda	1,230	798	168	264	2	2	0
Saint John	1,777	1,182	353	242	29	27	2
Sept-Îles	2,263	1,817	194	252	0	0	0
Sioux Lookout	2,318	2,227	53	38	0	0	0
Smithers	789	639	140	10	0	0	0
St Catharines	3,194	594	1,674	926	324	324	0
Sudbury	2,954	1,944	328	682	7	7	0
Terrace	864	797	67	0	0	0	0
Thompson	2,835	2,560	147	128	45	15	30
Timmins	2,007	1,836	153	18	6	6	0
Val-d'Or	1,103	822	207	74	4	4	0
Victoria Harbour	3,180	2,689	477	14	6	6	0
Wabush	808	754	54	0	0	0	0
Whitecourt	1,849	504	63	1,282	0	0	0
Williams Lake	734	530	116	88	4	4	0
Total of all flight service stations (52)	**93,917**	**56,663**	**12,108**	**25,146**	**1,936**	**1,798**	**138**

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	4,371	554	2,009	641	890	166	111
Boundary Bay	5,648	12	974	3,382	1,240	37	3
Calgary International	19,038	15,995	1,238	521	1,108	125	51
Calgary/Springbank	4,236	53	576	2,574	996	14	23
Chicoutimi/St-Honoré	1,654	3	551	944	154	0	2
Edmonton City Centre	4,754	1,468	583	1,658	672	355	18
Edmonton International	10,264	9,328	478	68	346	14	30
Edmonton/Villeneuve	2,063	2	99	907	267	6	782
Fort McMurray	4,511	2,545	1,284	251	397	29	5
Gander International	1,499	489	463	20	245	19	263
Halifax/Robert L Stanfield International	7,316	5,893	806	59	315	27	216
Hamilton	2,930	1,835	266	126	572	124	7
Kelowna	3,894	2,610	315	354	530	67	18
Kitchener/Waterloo	3,902	343	2,182	400	935	5	37
Langley	2,586	98	306	1,125	1,015	37	5
London	5,984	1,428	923	2,709	847	68	9
Moncton/Greater Moncton International	7,897	1,822	5,669	18	220	158	10
Montréal/Pierre Elliott Trudeau International	17,719	15,163	981	248	1,167	154	6
Montréal/St-Hubert	7,403	2,833	614	2,477	1,265	91	123
Oshawa	2,530	38	92	1,674	662	62	2
Ottawa/Macdonald-Cartier International	11,885	7,699	747	2,316	485	404	234
Pitt Meadows	4,320	8	1,633	1,337	1,206	40	96
Prince George	1,885	1,163	294	62	266	81	19
Québec/Jean Lesage International	7,913	4,293	1,921	384	859	319	137
Regina International	3,336	2,131	525	45	304	170	161
Saskatoon/John G Diefenbaker International	4,772	2,866	711	288	446	349	112
Sault Ste. Marie	1,818	906	154	589	109	45	15
St. John's International	3,135	1,961	691	9	158	59	257
St-Jean	2,278	191	250	327	809	30	671
Thunder Bay	5,462	3,110	967	1,039	194	89	63
Toronto/Buttonville Municipal	6,802	410	478	3,541	2,335	36	2
Toronto/City Centre	4,136	2,304	845	559	415	10	3
Toronto/Lester B Pearson International	33,669	31,624	497	106	1,416	17	9
Vancouver Harbour	4,516	4,027	376	25	60	0	28
Vancouver International	25,121	22,027	1,547	150	909	340	148
Victoria International	7,680	3,271	1,900	830	1,397	78	204
Whitehorse International	1,275	766	229	55	199	21	5
Windsor	1,280	511	424	36	285	20	4
Winnipeg/James Armstrong Richardson International	10,672	8,901	721	60	329	235	426
Winnipeg/St. Andrews	3,240	593	1,525	903	199	8	12
Yellowknife	3,587	3,090	285	28	36	80	68
Total of NAV CANADA towers (41)	**268,981**	**164,364**	**37,129**	**32,845**	**26,259**	**3,989**	**4,395**

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	1,438	124	154	34	545	19	562
Campbell River	1,501	609	343	208	315	20	6
Castlegar	779	256	116	365	36	0	6
Charlottetown	1,152	671	206	113	108	36	18
Churchill	989	903	54	2	14	16	0
Cranbrook	847	578	18	22	200	12	17
Deer Lake	1,231	986	192	3	26	16	8
Fort Nelson	1,007	222	402	235	103	8	37
Fort St John	1,452	750	446	14	212	24	6
Fredericton International	5,589	831	4,271	134	162	91	100
Grande Prairie	2,057	981	635	104	254	37	46
High Level	736	161	538	4	27	4	2
Îles-de-la-Madeleine	303	243	20	0	6	32	2
Inuvik/Mike Zubko	1,315	504	772	0	1	34	4
Iqaluit	1,470	1,107	74	58	86	127	18
Kamloops	1,654	894	178	123	343	66	50
Kenora	802	378	300	6	48	27	43
Kingston	1,973	552	365	545	459	26	26
Kuujjuaq	927	789	118	0	8	12	0
La Grande Rivière	779	530	177	25	32	15	0
La Ronge	1,047	881	37	16	32	74	7
Lethbridge	981	436	59	193	262	23	8
Lloydminster	564	103	194	10	219	28	10
Medicine Hat	802	408	61	85	191	33	24
Mont-Joli	754	425	25	14	98	28	164
Montréal/Mirabel International	1,687	819	282	179	356	0	51
Nanaimo	1,801	452	408	206	668	61	6
Norman Wells	877	659	179	0	6	29	4
North Bay	1,711	568	467	207	401	20	48
Ottawa/Gatineau	1,557	165	433	344	528	75	12
Peace River	622	384	154	4	58	22	0
Penticton	1,341	334	632	22	269	14	70
Port Hardy	618	415	54	18	46	64	21
Prince Albert	1,365	1,094	74	16	53	111	17
Prince Rupert	311	196	77	2	14	20	2
Rankin Inlet	1,058	918	41	75	6	16	2
Red Deer Regional	1,190	173	417	112	426	56	6
Rouyn-Noranda	968	569	125	104	144	24	2
Saint John	1,562	743	364	75	341	12	27
Sept-Îles	2,011	1,350	458	9	127	67	0
Sioux Lookout	2,280	1,589	636	2	41	12	0
Smithers	779	458	171	10	94	46	0
St Catharines	2,592	7	543	44	1,672	2	324
Sudbury	2,279	1,460	469	15	236	92	7
Terrace	864	540	256	1	51	16	0
Thompson	2,722	2,317	239	4	27	120	15
Timmins	1,995	1,401	413	22	134	19	6
Val-d'Or	1,033	708	60	54	172	35	4
Victoria Harbour	3,172	2,661	28	0	349	128	6
Wabush	808	615	139	0	48	6	0
Whitecourt	567	12	337	155	53	10	0
Williams Lake	650	407	100	23	112	4	4
Total of all flight service stations (52)	**70,569**	**35,336**	**17,311**	**4,016**	**10,219**	**1,889**	**1,798**

Table 4-1

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

	Itinerant movements					Runway 88
	Total of IFR and VFR flights [1]	Instrument flight rules	Percentage instrument flight rules	Visual flight rules	Percentage visual flight rules	
	number		percent	number	percent	number
Abbotsford	4,371	1,349	30.8	3,022	69.1	1,053
Boundary Bay	5,648	531	9.4	5,117	90.5	531
Calgary International	19,038	18,006	94.5	1,032	5.4	582
Calgary/Springbank	4,236	311	7.3	3,925	92.6	1,661
Chicoutimi/St-Honoré	1,654	243	14.6	1,411	85.3	84
Edmonton City Centre	4,754	2,320	48.8	2,434	51.1	1,254
Edmonton International	10,264	9,968	97.1	296	2.8	463
Edmonton/Villeneuve	2,063	29	1.4	2,034	98.5	94
Fort McMurray	4,511	2,205	48.8	2,306	51.1	109
Gander International	1,499	1,132	75.5	367	24.4	68
Halifax/Robert L Stanfield International	7,316	6,469	88.4	847	11.5	312
Hamilton	2,930	2,246	76.6	684	23.3	721
Kelowna	3,894	2,513	64.5	1,381	35.4	605
Kitchener/Waterloo	3,902	996	25.5	2,906	74.4	626
Langley	2,586	54	2.0	2,532	97.9	640
London	5,984	1,995	33.3	3,989	66.6	638
Moncton/Greater Moncton International	7,897	3,049	38.6	4,848	61.3	212
Montréal/Pierre Elliott Trudeau International	17,719	17,162	96.8	557	3.1	1,211
Montréal/St-Hubert	7,403	1,778	24.0	5,625	75.9	672
Oshawa	2,530	140	5.5	2,390	94.4	457
Ottawa/Macdonald-Cartier International	11,885	8,830	74.2	3,055	25.7	731
Pitt Meadows	4,320	48	1.1	4,272	98.8	1,589
Prince George	1,885	1,295	68.7	590	31.2	162
Québec/Jean Lesage International	7,913	5,033	63.6	2,880	36.3	1,165
Regina International	3,336	2,584	77.4	752	22.5	56
Saskatoon/John G Diefenbaker International	4,772	3,592	75.2	1,180	24.7	94
Sault Ste. Marie	1,818	1,109	61.0	709	38.9	64
St. John's International	3,135	2,893	92.2	242	7.7	109
St-Jean	2,278	383	16.8	1,895	83.1	294
Thunder Bay	5,462	3,773	69.0	1,689	30.9	139
Toronto/Buttonville Municipal	6,802	757	11.1	6,045	88.8	580
Toronto/City Centre	4,136	2,791	67.4	1,345	32.5	1,617
Toronto/Lester B Pearson International	33,669	33,508	99.5	161	0.4	41
Vancouver Harbour	4,516	139	3.0	4,377	96.9	1,584
Vancouver International	25,121	19,564	77.8	5,557	22.1	9,854
Victoria International	7,680	3,948	51.4	3,732	48.5	4,003
Whitehorse International	1,275	625	49.0	650	50.9	109
Windsor	1,280	623	48.6	657	51.3	65
Winnipeg/James Armstrong Richardson International	10,672	9,686	90.7	986	9.2	217
Winnipeg/St. Andrews	3,240	193	5.9	3,047	94.0	54
Yellowknife	3,587	2,287	63.7	1,300	36.2	142
Total of NAV CANADA towers (41)	**268,981**	**176,157**	**65.5**	**92,824**	**34.5**	**34,662**

1. Total excludes runway 88 flights.

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

	Itinerant movements					Runway 88
	Total of IFR and VFR flights[1]	Instrument flight rules	Percentage instrument flight rules	Visual flight rules	Percentage visual flight rules	
	number		percent	number	percent	number
Brandon Municipal	1,438	254	17.6	1,184	82.3	27
Campbell River	1,501	557	37.1	944	62.8	212
Castlegar	779	254	32.6	525	67.3	224
Charlottetown	1,152	826	71.7	326	28.2	26
Churchill	989	928	93.8	61	6.1	297
Cranbrook	847	621	73.3	226	26.6	95
Deer Lake	1,231	1,176	95.5	55	4.4	73
Fort Nelson	1,007	288	28.5	719	71.4	392
Fort St John	1,452	830	57.1	622	42.8	90
Fredericton International	5,589	1,441	25.7	4,148	74.2	97
Grande Prairie	2,057	1,186	57.6	871	42.3	166
High Level	736	261	35.4	475	64.5	162
Îles-de-la-Madeleine	303	293	96.6	10	3.3	1
Inuvik/Mike Zubko	1,315	398	30.2	917	69.7	2
Iqaluit	1,470	1,221	83.0	249	16.9	81
Kamloops	1,654	987	59.6	667	40.3	178
Kenora	802	516	64.3	286	35.6	154
Kingston	1,973	708	35.8	1,265	64.1	141
Kuujjuaq	927	422	45.5	505	54.4	48
La Grande Rivière	779	598	76.7	181	23.2	509
La Ronge	1,047	690	65.9	357	34.0	466
Lethbridge	981	583	59.4	398	40.5	51
Lloydminster	564	200	35.4	364	64.5	18
Medicine Hat	802	362	45.1	440	54.8	126
Mont-Joli	754	434	57.5	320	42.4	18
Montréal/Mirabel International	1,687	1,060	62.8	627	37.1	715
Nanaimo	1,801	666	36.9	1,135	63.0	739
Norman Wells	877	182	20.7	695	79.2	56
North Bay	1,711	751	43.8	960	56.1	469
Ottawa/Gatineau	1,557	210	13.4	1,347	86.5	98
Peace River	622	393	63.1	229	36.8	42
Penticton	1,341	291	21.7	1,050	78.2	113
Port Hardy	618	255	41.2	363	58.7	218
Prince Albert	1,365	1,259	92.2	106	7.7	56
Prince Rupert	311	213	68.4	98	31.5	7
Rankin Inlet	1,058	902	85.2	156	14.7	17
Red Deer Regional	1,190	351	29.4	839	70.5	262
Rouyn-Noranda	968	738	76.2	230	23.7	35
Saint John	1,562	1,036	66.3	526	33.6	50
Sept-Îles	2,011	1,379	68.5	632	31.4	280
Sioux Lookout	2,280	1,947	85.3	333	14.6	442
Smithers	779	483	62.0	296	37.9	399
St Catharines	2,592	86	3.3	2,506	96.6	307
Sudbury	2,279	1,817	79.7	462	20.2	127
Terrace	864	546	63.1	318	36.8	110
Thompson	2,722	2,045	75.1	677	24.8	164
Timmins	1,995	1,823	91.3	172	8.6	163
Val-d'Or	1,033	776	75.1	257	24.8	306
Victoria Harbour	3,172	132	4.1	3,040	95.8	524
Wabush	808	720	89.1	88	10.8	71
Whitecourt	567	59	10.4	508	89.5	84
Williams Lake	650	415	63.8	235	36.1	186
Total of all flight service stations (52)	**70,569**	**36,569**	**51.8**	**34,000**	**48.2**	**9,694**

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	4,371	495	294	2,688	874	20
Boundary Bay	5,648	12	35	5,313	286	2
Calgary International	19,038	13,380	4,350	701	607	0
Calgary/Springbank	4,236	22	125	3,459	630	0
Chicoutimi/St-Honoré	1,654	4	87	1,279	283	1
Edmonton City Centre	4,754	461	1,744	1,831	718	0
Edmonton International	10,264	7,085	2,853	318	8	0
Edmonton/Villeneuve	2,063	13	17	1,537	82	414
Fort McMurray	4,511	1,214	1,296	862	1,139	0
Gander International	1,499	554	476	287	153	29
Halifax/Robert L Stanfield International	7,316	3,880	2,276	585	575	0
Hamilton	2,930	1,318	818	701	93	0
Kelowna	3,894	1,199	1,382	1,069	243	1
Kitchener/Waterloo	3,902	153	389	3,056	304	0
Langley	2,586	0	94	1,965	527	0
London	5,984	588	1,278	3,913	205	0
Moncton/Greater Moncton International	7,897	1,188	876	5,792	41	0
Montréal/Pierre Elliott Trudeau International	17,719	11,734	5,222	542	221	0
Montréal/St-Hubert	7,403	287	810	5,944	362	0
Oshawa	2,530	0	32	2,409	89	0
Ottawa/Macdonald-Cartier International	11,885	5,759	2,961	2,824	341	0
Pitt Meadows	4,320	0	49	3,986	258	27
Prince George	1,885	439	893	307	245	1
Québec/Jean Lesage International	7,913	1,493	3,179	2,440	800	1
Regina International	3,336	1,703	649	929	55	0
Saskatoon/John G Diefenbaker International	4,772	1,822	1,585	1,301	64	0
Sault Ste. Marie	1,818	23	1,066	688	41	0
St. John's International	3,135	1,196	1,606	64	269	0
St-Jean	2,278	5	18	1,730	52	473
Thunder Bay	5,462	753	3,177	1,237	295	0
Toronto/Buttonville Municipal	6,802	55	415	5,822	508	2
Toronto/City Centre	4,136	0	2,684	1,165	287	0
Toronto/Lester B Pearson International	33,669	27,668	5,923	54	24	0
Vancouver Harbour	4,516	0	2,258	1,449	809	0
Vancouver International	25,121	11,398	9,303	3,335	1,085	0
Victoria International	7,680	1,305	2,324	3,570	481	0
Whitehorse International	1,275	362	392	389	131	1
Windsor	1,280	93	498	645	44	0
Winnipeg/James Armstrong Richardson International	10,672	5,117	4,538	933	84	0
Winnipeg/St. Andrews	3,240	1	542	2,538	159	0
Yellowknife	3,587	873	2,175	289	250	0
Total of NAV CANADA towers (41)	**268,981**	**103,652**	**70,689**	**79,946**	**13,722**	**972**

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

	Total	Jet	Turboprop	Piston	Helicopters	Gliders
			number			
Brandon Municipal	1,438	42	210	711	99	376
Campbell River	1,501	17	678	368	438	0
Castlegar	779	14	255	276	234	0
Charlottetown	1,152	442	246	438	26	0
Churchill	989	38	927	4	20	0
Cranbrook	847	90	547	190	20	0
Deer Lake	1,231	207	969	29	26	0
Fort Nelson	1,007	18	262	192	535	0
Fort St John	1,452	247	590	240	375	0
Fredericton International	5,589	322	774	4,360	133	0
Grande Prairie	2,057	204	848	529	430	46
High Level	736	2	367	240	127	0
Îles-de-la-Madeleine	303	14	247	42	0	0
Inuvik/Mike Zubko	1,315	111	820	238	146	0
Iqaluit	1,470	368	981	48	73	0
Kamloops	1,654	131	918	401	204	0
Kenora	802	12	504	160	126	0
Kingston	1,973	65	605	1,221	82	0
Kuujjuaq	927	120	711	8	88	0
La Grande Rivière	779	11	675	64	29	0
La Ronge	1,047	4	844	165	34	0
Lethbridge	981	54	504	406	17	0
Lloydminster	564	23	156	355	30	0
Medicine Hat	802	30	366	325	81	0
Mont-Joli	754	14	391	260	8	81
Montréal/Mirabel International	1,687	621	273	559	234	0
Nanaimo	1,801	14	501	1,201	85	0
Norman Wells	877	126	350	293	108	0
North Bay	1,711	39	707	440	499	26
Ottawa/Gatineau	1,557	22	190	1,081	261	3
Peace River	622	10	371	139	102	0
Penticton	1,341	24	329	646	342	0
Port Hardy	618	26	395	58	139	0
Prince Albert	1,365	2	1,206	130	27	0
Prince Rupert	311	20	200	4	87	0
Rankin Inlet	1,058	147	756	109	46	0
Red Deer Regional	1,190	33	318	797	41	1
Rouyn-Noranda	968	69	688	201	10	0
Saint John	1,562	336	548	609	69	0
Sept-Îles	2,011	42	1,180	524	265	0
Sioux Lookout	2,280	2	1,970	298	10	0
Smithers	779	25	511	106	137	0
St Catharines	2,592	28	12	1,542	336	674
Sudbury	2,279	26	1,732	229	292	0
Terrace	864	24	541	51	248	0
Thompson	2,722	26	2,321	265	110	0
Timmins	1,995	16	1,797	151	31	0
Val-d'Or	1,033	90	682	201	60	0
Victoria Harbour	3,172	0	2,137	282	753	0
Wabush	808	36	640	41	91	0
Whitecourt	567	10	24	100	433	0
Williams Lake	650	14	405	171	60	0
Total of all flight service stations (52)	**70,569**	**4,428**	**35,179**	**21,498**	**8,257**	**1,207**

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	2,969	532	243	89	13	47	450	16	4	8
Boundary Bay	5,053	533	50	5	7	0	0	0	0	0
Calgary International	796	554	1,228	1,891	983	3,891	7,861	949	259	626
Calgary/Springbank	3,659	400	149	27	0	1	0	0	0	0
Chicoutimi/St-Honoré	1,270	293	87	0	2	2	0	0	0	0
Edmonton City Centre	2,089	475	1,431	597	132	29	1	0	0	0
Edmonton International	210	181	394	868	571	2,339	4,962	467	166	106
Edmonton/Villeneuve	1,981	40	41	1	0	0	0	0	0	0
Fort McMurray	1,661	635	407	509	147	475	677	0	0	0
Gander International	279	10	47	413	310	239	65	79	2	55
Halifax/Robert L Stanfield International	357	251	437	1,183	895	1,584	2,063	222	147	177
Hamilton	547	590	189	271	203	54	471	22	490	93
Kelowna	1,152	163	259	573	46	914	778	0	9	0
Kitchener/Waterloo	3,069	291	388	35	39	12	68	0	0	0
Langley	2,380	186	2	0	18	0	0	0	0	0
London	3,881	308	403	87	600	432	265	4	4	0
Moncton/Greater Moncton International	5,645	232	393	375	125	692	165	0	270	0
Montréal/Pierre Elliott Trudeau International	461	254	703	789	2,952	5,756	4,159	1,266	23	1,356
Montréal/St-Hubert	5,376	836	775	209	174	11	14	3	5	0
Oshawa	2,268	218	32	2	2	8	0	0	0	0
Ottawa/Macdonald-Cartier International	2,783	203	1,121	283	814	3,199	2,521	632	64	265
Pitt Meadows	4,038	221	59	2	0	0	0	0	0	0
Prince George	460	131	157	580	19	345	193	0	0	0
Québec/Jean Lesage International	2,658	536	984	446	1,240	1,649	324	6	0	70
Regina International	697	272	340	388	60	736	755	0	88	0
Saskatoon/John G Diefenbaker International	1,089	259	763	569	209	946	892	0	43	2
Sault Ste. Marie	673	137	557	48	333	70	0	0	0	0
St. John's International	59	27	228	645	679	294	891	221	77	14
St-Jean	1,999	238	40	0	0	1	0	0	0	0
Thunder Bay	1,286	205	2,554	342	125	635	299	16	0	0
Toronto/Buttonville Municipal	5,846	566	298	40	41	11	0	0	0	0
Toronto/City Centre	1,225	120	530	31	2	2,228	0	0	0	0
Toronto/Lester B Pearson International	13	170	324	2,339	3,838	8,586	11,398	3,487	340	3,174
Vancouver Harbour	167	3,080	1,197	0	72	0	0	0	0	0
Vancouver International	953	4,143	1,089	2,753	1,748	4,935	5,704	1,613	275	1,908
Victoria International	3,083	1,026	249	460	870	1,288	594	67	34	9
Whitehorse International	474	164	121	65	13	112	324	0	0	2
Windsor	613	122	76	49	364	44	10	2	0	0
Winnipeg/James Armstrong Richardson International	534	485	3,156	427	918	1,720	2,401	338	627	66
Winnipeg/St. Andrews	2,327	766	123	19	5	0	0	0	0	0
Yellowknife	262	521	898	195	162	783	680	86	0	0
Total of NAV CANADA towers (41)	**76,342**	**20,374**	**22,522**	**17,605**	**18,731**	**44,068**	**48,985**	**9,496**	**2,927**	**7,931**

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	1,087	20	225	21	44	2	0	39	0	0
Campbell River	750	67	42	509	124	9	0	0	0	0
Castlegar	378	126	12	62	4	197	0	0	0	0
Charlottetown	333	163	56	86	91	337	76	10	0	0
Churchill	9	48	139	118	288	357	30	0	0	0
Cranbrook	140	59	64	305	49	224	0	6	0	0
Deer Lake	34	9	44	324	615	121	84	0	0	0
Fort Nelson	607	108	78	123	89	2	0	0	0	0
Fort St John	549	38	248	286	109	222	0	0	0	0
Fredericton International	4,273	160	361	257	206	314	2	6	0	10
Grande Prairie	793	219	329	193	10	383	130	0	0	0
High Level	272	193	152	119	0	0	0	0	0	0
Îles-de-la-Madeleine	0	42	70	34	88	67	2	0	0	0
Inuvik/Mike Zubko	344	25	781	2	4	50	107	2	0	0
Iqaluit	10	115	403	60	200	397	218	12	16	39
Kamloops	478	86	132	321	20	553	64	0	0	0
Kenora	143	37	587	10	16	5	0	4	0	0
Kingston	1,232	70	131	425	96	17	2	0	0	0
Kuujjuaq	88	6	572	2	103	48	70	0	24	14
La Grande Rivière	33	81	144	9	128	384	0	0	0	0
La Ronge	56	147	431	76	206	131	0	0	0	0
Lethbridge	349	72	132	316	91	19	2	0	0	0
Lloydminster	328	56	79	95	6	0	0	0	0	0
Medicine Hat	365	35	165	227	8	2	0	0	0	0
Mont-Joli	269	78	90	133	134	50	0	0	0	0
Montréal/Mirabel International	605	232	38	119	24	175	71	8	274	141
Nanaimo	953	369	53	23	33	368	2	0	0	0
Norman Wells	264	202	222	10	2	51	126	0	0	0
North Bay	916	145	289	69	177	100	0	15	0	0
Ottawa/Gatineau	1,202	138	104	101	5	7	0	0	0	0
Peace River	149	94	329	30	16	4	0	0	0	0
Penticton	935	39	42	142	3	180	0	0	0	0
Port Hardy	78	90	185	88	165	6	6	0	0	0
Prince Albert	55	92	270	301	252	395	0	0	0	0
Prince Rupert	15	64	34	24	57	117	0	0	0	0
Rankin Inlet	80	67	308	151	223	86	143	0	0	0
Red Deer Regional	703	138	201	129	16	0	3	0	0	0
Rouyn-Noranda	205	6	325	4	235	146	47	0	0	0
Saint John	426	228	159	247	206	278	16	2	0	0
Sept-Îles	442	351	292	341	569	16	0	0	0	0
Sioux Lookout	81	238	1,324	637	0	0	0	0	0	0
Smithers	209	53	134	197	71	115	0	0	0	0
St Catharines	2,483	70	13	10	10	6	0	0	0	0
Sudbury	240	257	1,262	105	138	275	2	0	0	0
Terrace	263	35	108	148	135	175	0	0	0	0
Thompson	129	487	1,345	22	228	504	0	7	0	0
Timmins	124	194	1,057	79	365	172	0	4	0	0
Val-d'Or	195	62	255	16	279	171	6	0	10	39
Victoria Harbour	68	1,862	1,163	0	79	0	0	0	0	0
Wabush	61	65	163	182	331	6	0	0	0	0
Whitecourt	493	35	19	18	2	0	0	0	0	0
Williams Lake	167	57	19	401	2	4	0	0	0	0
Total of all flight service stations (52)	**24,461**	**7,730**	**15,180**	**7,707**	**6,352**	**7,248**	**1,209**	**115**	**324**	**243**

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI			Civil	Military
				number			
Abbotsford							
Domestic	4,302	550	1,996	640	844	163	109
Transborder	58	3	12	0	43	0	0
Other international	11	1	1	1	3	3	2
Total	**4,371**	**554**	**2,009**	**641**	**890**	**166**	**111**
Boundary Bay							
Domestic	5,614	12	974	3,381	1,207	37	3
Transborder	30	0	0	1	29	0	0
Other international	4	0	0	0	4	0	0
Total	**5,648**	**12**	**974**	**3,382**	**1,240**	**37**	**3**
Calgary International							
Domestic	15,114	12,467	1,121	502	853	125	46
Transborder	3,428	3,048	110	16	250	0	4
Other international	496	480	7	3	5	0	1
Total	**19,038**	**15,995**	**1,238**	**521**	**1,108**	**125**	**51**
Calgary/Springbank							
Domestic	4,155	49	572	2,562	935	14	23
Transborder	65	4	1	3	57	0	0
Other international	16	0	3	9	4	0	0
Total	**4,236**	**53**	**576**	**2,574**	**996**	**14**	**23**
Chicoutimi/St-Honoré							
Domestic	1,652	3	551	944	152	0	2
Transborder	2	0	0	0	2	0	0
Other international	0	0	0	0	0	0	0
Total	**1,654**	**3**	**551**	**944**	**154**	**0**	**2**
Edmonton City Centre							
Domestic	4,697	1,452	570	1,645	657	355	18
Transborder	36	12	9	8	7	0	0
Other international	21	4	4	5	8	0	0
Total	**4,754**	**1,468**	**583**	**1,658**	**672**	**355**	**18**
Edmonton International							
Domestic	8,683	7,822	465	67	285	14	30
Transborder	1,456	1,392	3	0	61	0	0
Other international	125	114	10	1	0	0	0
Total	**10,264**	**9,328**	**478**	**68**	**346**	**14**	**30**
Edmonton/Villeneuve							
Domestic	2,055	2	99	905	261	6	782
Transborder	1	0	0	0	1	0	0
Other international	7	0	0	2	5	0	0
Total	**2,063**	**2**	**99**	**907**	**267**	**6**	**782**
Fort McMurray							
Domestic	4,194	2,460	1,073	248	379	29	5
Transborder	2	1	0	0	1	0	0
Other international	315	84	211	3	17	0	0
Total	**4,511**	**2,545**	**1,284**	**251**	**397**	**29**	**5**
Gander International							
Domestic	1,039	382	460	1	33	15	148
Transborder	221	51	1	8	103	2	56
Other international	239	56	2	11	109	2	59
Total	**1,499**	**489**	**463**	**20**	**245**	**19**	**263**

Table 7-1 – continued

Itinerant movements, domestic, transborder and international — NAV CANADA towers

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI			Civil	Military
				number			
Halifax/Robert L Stanfield International							
Domestic	6,265	4,977	799	48	231	27	183
Transborder	858	763	2	6	69	0	18
Other international	193	153	5	5	15	0	15
Total	**7,316**	**5,893**	**806**	**59**	**315**	**27**	**216**
Hamilton							
Domestic	2,314	1,340	254	121	468	124	7
Transborder	608	493	11	5	99	0	0
Other international	8	2	1	0	5	0	0
Total	**2,930**	**1,835**	**266**	**126**	**572**	**124**	**7**
Kelowna							
Domestic	3,653	2,424	310	354	480	67	18
Transborder	241	186	5	0	50	0	0
Other international	0	0	0	0	0	0	0
Total	**3,894**	**2,610**	**315**	**354**	**530**	**67**	**18**
Kitchener/Waterloo							
Domestic	3,731	316	2,135	400	840	3	37
Transborder	167	27	47	0	91	2	0
Other international	4	0	0	0	4	0	0
Total	**3,902**	**343**	**2,182**	**400**	**935**	**5**	**37**
Langley							
Domestic	2,583	98	306	1,125	1,012	37	5
Transborder	1	0	0	0	1	0	0
Other international	2	0	0	0	2	0	0
Total	**2,586**	**98**	**306**	**1,125**	**1,015**	**37**	**5**
London							
Domestic	5,539	1,097	911	2,707	748	67	9
Transborder	438	331	10	2	95	0	0
Other international	7	0	2	0	4	1	0
Total	**5,984**	**1,428**	**923**	**2,709**	**847**	**68**	**9**
Moncton/Greater Moncton International							
Domestic	7,801	1,753	5,668	18	196	156	10
Transborder	91	66	0	0	23	2	0
Other international	5	3	1	0	1	0	0
Total	**7,897**	**1,822**	**5,669**	**18**	**220**	**158**	**10**
Montréal/Pierre Elliott Trudeau International							
Domestic	10,278	8,438	816	181	683	154	6
Transborder	5,836	5,168	149	56	463	0	0
Other international	1,605	1,557	16	11	21	0	0
Total	**17,719**	**15,163**	**981**	**248**	**1,167**	**154**	**6**
Montréal/St-Hubert							
Domestic	7,207	2,800	610	2,470	1,117	87	123
Transborder	166	30	2	2	130	2	0
Other international	30	3	2	5	18	2	0
Total	**7,403**	**2,833**	**614**	**2,477**	**1,265**	**91**	**123**
Oshawa							
Domestic	2,498	33	88	1,673	640	62	2
Transborder	18	5	4	0	9	0	0
Other international	14	0	0	1	13	0	0
Total	**2,530**	**38**	**92**	**1,674**	**662**	**62**	**2**

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			
Ottawa/Macdonald-Cartier International							
Domestic	9,743	5,731	720	2,308	375	391	218
Transborder	1,984	1,837	20	6	105	11	5
Other international	158	131	7	2	5	2	11
Total	**11,885**	**7,699**	**747**	**2,316**	**485**	**404**	**234**
Pitt Meadows							
Domestic	4,311	8	1,633	1,337	1,197	40	96
Transborder	7	0	0	0	7	0	0
Other international	2	0	0	0	2	0	0
Total	**4,320**	**8**	**1,633**	**1,337**	**1,206**	**40**	**96**
Prince George							
Domestic	1,876	1,163	292	61	261	81	18
Transborder	6	0	2	0	3	0	1
Other international	3	0	0	1	2	0	0
Total	**1,885**	**1,163**	**294**	**62**	**266**	**81**	**19**
Québec/Jean Lesage International							
Domestic	7,264	3,745	1,914	382	779	319	125
Transborder	569	484	6	2	74	0	3
Other international	80	64	1	0	6	0	9
Total	**7,913**	**4,293**	**1,921**	**384**	**859**	**319**	**137**
Regina International							
Domestic	2,990	1,860	522	42	238	170	158
Transborder	343	271	3	3	63	0	3
Other international	3	0	0	0	3	0	0
Total	**3,336**	**2,131**	**525**	**45**	**304**	**170**	**161**
Saskatoon/John G Diefenbaker International							
Domestic	4,352	2,526	706	286	373	349	112
Transborder	418	338	5	2	73	0	0
Other international	2	2	0	0	0	0	0
Total	**4,772**	**2,866**	**711**	**288**	**446**	**349**	**112**
Sault Ste. Marie							
Domestic	1,802	906	149	589	98	45	15
Transborder	16	0	5	0	11	0	0
Other international	0	0	0	0	0	0	0
Total	**1,818**	**906**	**154**	**589**	**109**	**45**	**15**
St. John's International							
Domestic	2,713	1,856	681	2	64	57	53
Transborder	217	67	1	0	50	0	99
Other international	205	38	9	7	44	2	105
Total	**3,135**	**1,961**	**691**	**9**	**158**	**59**	**257**
St-Jean							
Domestic	2,277	191	250	327	808	30	671
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
Total	**2,278**	**191**	**250**	**327**	**809**	**30**	**671**
Thunder Bay							
Domestic	5,328	3,004	967	1,039	168	89	61
Transborder	132	104	0	0	26	0	2
Other international	2	2	0	0	0	0	0
Total	**5,462**	**3,110**	**967**	**1,039**	**194**	**89**	**63**

Table 7-1 – continued

Itinerant movements, domestic, transborder and international — NAV CANADA towers

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI			Civil	Military
				number			
Toronto/Buttonville Municipal							
Domestic	6,608	381	461	3,527	2,201	36	2
Transborder	192	29	17	14	132	0	0
Other international	2	0	0	0	2	0	0
Total	**6,802**	**410**	**478**	**3,541**	**2,335**	**36**	**2**
Toronto/City Centre							
Domestic	3,232	1,579	814	553	274	10	2
Transborder	886	725	23	2	135	0	1
Other international	18	0	8	4	6	0	0
Total	**4,136**	**2,304**	**845**	**559**	**415**	**10**	**3**
Toronto/Lester B Pearson International							
Domestic	15,286	14,359	333	58	510	17	9
Transborder	14,873	13,799	150	44	880	0	0
Other international	3,510	3,466	14	4	26	0	0
Total	**33,669**	**31,624**	**497**	**106**	**1,416**	**17**	**9**
Vancouver Harbour							
Domestic	4,508	4,027	374	25	55	0	27
Transborder	6	0	0	0	5	0	1
Other international	2	0	2	0	0	0	0
Total	**4,516**	**4,027**	**376**	**25**	**60**	**0**	**28**
Vancouver International							
Domestic	19,461	16,771	1,522	132	572	323	141
Transborder	4,375	4,022	20	16	315	2	0
Other international	1,285	1,234	5	2	22	15	7
Total	**25,121**	**22,027**	**1,547**	**150**	**909**	**340**	**148**
Victoria International							
Domestic	7,002	2,795	1,876	826	1,235	75	195
Transborder	644	471	18	3	144	0	8
Other international	34	5	6	1	18	3	1
Total	**7,680**	**3,271**	**1,900**	**830**	**1,397**	**78**	**204**
Whitehorse International							
Domestic	1,222	753	228	55	162	19	5
Transborder	47	10	1	0	34	2	0
Other international	6	3	0	0	3	0	0
Total	**1,275**	**766**	**229**	**55**	**199**	**21**	**5**
Windsor							
Domestic	1,175	463	403	35	254	20	0
Transborder	105	48	21	1	31	0	4
Other international	0	0	0	0	0	0	0
Total	**1,280**	**511**	**424**	**36**	**285**	**20**	**4**
Winnipeg/James Armstrong Richardson International							
Domestic	9,575	7,935	701	45	247	235	412
Transborder	1,081	958	20	13	80	0	10
Other international	16	8	0	2	2	0	4
Total	**10,672**	**8,901**	**721**	**60**	**329**	**235**	**426**
Winnipeg/St. Andrews							
Domestic	3,235	593	1,524	903	195	8	12
Transborder	4	0	0	0	4	0	0
Other international	1	0	1	0	0	0	0
Total	**3,240**	**593**	**1,525**	**903**	**199**	**8**	**12**

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			
Yellowknife							
Domestic	3,386	2,994	206	26	27	80	53
Transborder	1	0	0	0	1	0	0
Other international	200	96	79	2	8	0	15
Total	**3,587**	**3,090**	**285**	**28**	**36**	**80**	**68**
Total of NAV CANADA towers (41)							
Domestic	220,720	122,115	36,054	32,550	22,114	3,936	3,951
Transborder	39,630	34,743	678	213	3,758	23	215
Other international	8,631	7,506	397	82	387	30	229
Total	**268,981**	**164,364**	**37,129**	**32,845**	**26,259**	**3,989**	**4,395**

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI			Civil	Military
				number			
Brandon Municipal							
Domestic	1,414	120	153	34	526	19	562
Transborder	24	4	1	0	19	0	0
Other international	0	0	0	0	0	0	0
Total	**1,438**	**124**	**154**	**34**	**545**	**19**	**562**
Campbell River							
Domestic	1,479	609	343	208	293	20	6
Transborder	22	0	0	0	22	0	0
Other international	0	0	0	0	0	0	0
Total	**1,501**	**609**	**343**	**208**	**315**	**20**	**6**
Castlegar							
Domestic	776	256	116	365	33	0	6
Transborder	3	0	0	0	3	0	0
Other international	0	0	0	0	0	0	0
Total	**779**	**256**	**116**	**365**	**36**	**0**	**6**
Charlottetown							
Domestic	1,134	669	205	113	93	36	18
Transborder	18	2	1	0	15	0	0
Other international	0	0	0	0	0	0	0
Total	**1,152**	**671**	**206**	**113**	**108**	**36**	**18**
Churchill							
Domestic	987	901	54	2	14	16	0
Transborder	2	2	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	**989**	**903**	**54**	**2**	**14**	**16**	**0**
Cranbrook							
Domestic	836	574	17	20	196	12	17
Transborder	11	4	1	2	4	0	0
Other international	0	0	0	0	0	0	0
Total	**847**	**578**	**18**	**22**	**200**	**12**	**17**
Deer Lake							
Domestic	1,226	983	192	3	24	16	8
Transborder	5	3	0	0	2	0	0
Other international	0	0	0	0	0	0	0
Total	**1,231**	**986**	**192**	**3**	**26**	**16**	**8**
Fort Nelson							
Domestic	1,007	222	402	235	103	8	37
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	**1,007**	**222**	**402**	**235**	**103**	**8**	**37**
Fort St John							
Domestic	1,451	749	446	14	212	24	6
Transborder	1	1	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	**1,452**	**750**	**446**	**14**	**212**	**24**	**6**
Fredericton International							
Domestic	5,555	825	4,268	134	139	91	98
Transborder	33	6	3	0	23	0	1
Other international	1	0	0	0	0	0	1
Total	**5,589**	**831**	**4,271**	**134**	**162**	**91**	**100**

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			
Grande Prairie							
Domestic	2,053	981	634	104	251	37	46
Transborder	4	0	1	0	3	0	0
Other international	0	0	0	0	0	0	0
Total	**2,057**	**981**	**635**	**104**	**254**	**37**	**46**
High Level							
Domestic	736	161	538	4	27	4	2
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	**736**	**161**	**538**	**4**	**27**	**4**	**2**
Îles-de-la-Madeleine							
Domestic	298	238	20	0	6	32	2
Transborder	0	0	0	0	0	0	0
Other international	5	5	0	0	0	0	0
Total	**303**	**243**	**20**	**0**	**6**	**32**	**2**
Inuvik/Mike Zubko							
Domestic	1,315	504	772	0	1	34	4
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	**1,315**	**504**	**772**	**0**	**1**	**34**	**4**
Iqaluit							
Domestic	1,359	1,061	72	46	39	127	14
Transborder	28	14	0	1	12	0	1
Other international	83	32	2	11	35	0	3
Total	**1,470**	**1,107**	**74**	**58**	**86**	**127**	**18**
Kamloops							
Domestic	1,645	894	176	123	337	66	49
Transborder	9	0	2	0	6	0	1
Other international	0	0	0	0	0	0	0
Total	**1,654**	**894**	**178**	**123**	**343**	**66**	**50**
Kenora							
Domestic	788	378	300	6	35	27	42
Transborder	14	0	0	0	13	0	1
Other international	0	0	0	0	0	0	0
Total	**802**	**378**	**300**	**6**	**48**	**27**	**43**
Kingston							
Domestic	1,925	544	357	545	427	26	26
Transborder	48	8	8	0	32	0	0
Other international	0	0	0	0	0	0	0
Total	**1,973**	**552**	**365**	**545**	**459**	**26**	**26**
Kuujjuaq							
Domestic	927	789	118	0	8	12	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	**927**	**789**	**118**	**0**	**8**	**12**	**0**
La Grande Rivière							
Domestic	779	530	177	25	32	15	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	**779**	**530**	**177**	**25**	**32**	**15**	**0**

Table 7-2 – continued

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI			Civil	Military
				number			
La Ronge							
Domestic	1,047	881	37	16	32	74	7
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	**1,047**	**881**	**37**	**16**	**32**	**74**	**7**
Lethbridge							
Domestic	923	435	57	190	212	23	6
Transborder	58	1	2	3	50	0	2
Other international	0	0	0	0	0	0	0
Total	**981**	**436**	**59**	**193**	**262**	**23**	**8**
Lloydminster							
Domestic	560	103	194	10	215	28	10
Transborder	4	0	0	0	4	0	0
Other international	0	0	0	0	0	0	0
Total	**564**	**103**	**194**	**10**	**219**	**28**	**10**
Medicine Hat							
Domestic	797	407	61	85	187	33	24
Transborder	5	1	0	0	4	0	0
Other international	0	0	0	0	0	0	0
Total	**802**	**408**	**61**	**85**	**191**	**33**	**24**
Mont-Joli							
Domestic	754	425	25	14	98	28	164
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	**754**	**425**	**25**	**14**	**98**	**28**	**164**
Montréal/Mirabel International							
Domestic	1,521	657	281	179	353	0	51
Transborder	164	160	1	0	3	0	0
Other international	2	2	0	0	0	0	0
Total	**1,687**	**819**	**282**	**179**	**356**	**0**	**51**
Nanaimo							
Domestic	1,768	452	408	206	635	61	6
Transborder	33	0	0	0	33	0	0
Other international	0	0	0	0	0	0	0
Total	**1,801**	**452**	**408**	**206**	**668**	**61**	**6**
Norman Wells							
Domestic	877	659	179	0	6	29	4
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	**877**	**659**	**179**	**0**	**6**	**29**	**4**
North Bay							
Domestic	1,696	568	467	207	386	20	48
Transborder	15	0	0	0	15	0	0
Other international	0	0	0	0	0	0	0
Total	**1,711**	**568**	**467**	**207**	**401**	**20**	**48**
Ottawa/Gatineau							
Domestic	1,556	165	433	344	527	75	12
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
Total	**1,557**	**165**	**433**	**344**	**528**	**75**	**12**

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			
Peace River							
Domestic	617	383	154	4	54	22	0
Transborder	5	1	0	0	4	0	0
Other international	0	0	0	0	0	0	0
Total	**622**	**384**	**154**	**4**	**58**	**22**	**0**
Penticton							
Domestic	1,334	334	632	22	262	14	70
Transborder	7	0	0	0	7	0	0
Other international	0	0	0	0	0	0	0
Total	**1,341**	**334**	**632**	**22**	**269**	**14**	**70**
Port Hardy							
Domestic	597	409	54	18	37	64	15
Transborder	21	6	0	0	9	0	6
Other international	0	0	0	0	0	0	0
Total	**618**	**415**	**54**	**18**	**46**	**64**	**21**
Prince Albert							
Domestic	1,364	1,094	74	16	52	111	17
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
Total	**1,365**	**1,094**	**74**	**16**	**53**	**111**	**17**
Prince Rupert							
Domestic	305	193	77	2	12	20	1
Transborder	6	3	0	0	2	0	1
Other international	0	0	0	0	0	0	0
Total	**311**	**196**	**77**	**2**	**14**	**20**	**2**
Rankin Inlet							
Domestic	1,058	918	41	75	6	16	2
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	**1,058**	**918**	**41**	**75**	**6**	**16**	**2**
Red Deer Regional							
Domestic	1,182	172	415	112	421	56	6
Transborder	8	1	2	0	5	0	0
Other international	0	0	0	0	0	0	0
Total	**1,190**	**173**	**417**	**112**	**426**	**56**	**6**
Rouyn-Noranda							
Domestic	968	569	125	104	144	24	2
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	**968**	**569**	**125**	**104**	**144**	**24**	**2**
Saint John							
Domestic	1,460	737	361	70	253	12	27
Transborder	94	6	3	5	80	0	0
Other international	8	0	0	0	8	0	0
Total	**1,562**	**743**	**364**	**75**	**341**	**12**	**27**
Sept-Îles							
Domestic	2,002	1,348	458	9	120	67	0
Transborder	8	2	0	0	6	0	0
Other international	1	0	0	0	1	0	0
Total	**2,011**	**1,350**	**458**	**9**	**127**	**67**	**0**

Table 7-2 – continued

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI			Civil	Military
				number			
Sioux Lookout							
Domestic	2,278	1,589	635	2	40	12	0
Transborder	1	0	0	0	1	0	0
Other international	1	0	1	0	0	0	0
Total	**2,280**	**1,589**	**636**	**2**	**41**	**12**	**0**
Smithers							
Domestic	766	456	171	10	83	46	0
Transborder	13	2	0	0	11	0	0
Other international	0	0	0	0	0	0	0
Total	**779**	**458**	**171**	**10**	**94**	**46**	**0**
St Catharines							
Domestic	2,539	1	536	43	1,635	2	322
Transborder	53	6	7	1	37	0	2
Other international	0	0	0	0	0	0	0
Total	**2,592**	**7**	**543**	**44**	**1,672**	**2**	**324**
Sudbury							
Domestic	2,268	1,460	469	15	225	92	7
Transborder	11	0	0	0	11	0	0
Other international	0	0	0	0	0	0	0
Total	**2,279**	**1,460**	**469**	**15**	**236**	**92**	**7**
Terrace							
Domestic	863	540	256	1	50	16	0
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
Total	**864**	**540**	**256**	**1**	**51**	**16**	**0**
Thompson							
Domestic	2,722	2,317	239	4	27	120	15
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	**2,722**	**2,317**	**239**	**4**	**27**	**120**	**15**
Timmins							
Domestic	1,994	1,401	413	22	133	19	6
Transborder	1	0	0	0	1	0	0
Other international	0	0	0	0	0	0	0
Total	**1,995**	**1,401**	**413**	**22**	**134**	**19**	**6**
Val-d'Or							
Domestic	1,033	708	60	54	172	35	4
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	**1,033**	**708**	**60**	**54**	**172**	**35**	**4**
Victoria Harbour							
Domestic	2,854	2,661	28	0	39	122	4
Transborder	318	0	0	0	310	6	2
Other international	0	0	0	0	0	0	0
Total	**3,172**	**2,661**	**28**	**0**	**349**	**128**	**6**
Wabush							
Domestic	808	615	139	0	48	6	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	**808**	**615**	**139**	**0**	**48**	**6**	**0**

Table 7-2 – continued

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

	Total	Air carrier movements		Other commercial	Private	Government movements	
		Level I-III and Foreign	Level IV-VI			Civil	Military
				number			
Whitecourt							
Domestic	567	12	337	155	53	10	0
Transborder	0	0	0	0	0	0	0
Other international	0	0	0	0	0	0	0
Total	**567**	**12**	**337**	**155**	**53**	**10**	**0**
Williams Lake							
Domestic	648	407	100	23	110	4	4
Transborder	2	0	0	0	2	0	0
Other international	0	0	0	0	0	0	0
Total	**650**	**407**	**100**	**23**	**112**	**4**	**4**
Total of all flight service stations (52)							
Domestic	69,416	35,064	17,276	3,993	9,423	1,883	1,777
Transborder	1,052	233	32	12	752	6	17
Other international	101	39	3	11	44	0	4
Total	**70,569**	**35,336**	**17,311**	**4,016**	**10,219**	**1,889**	**1,798**

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	9,364	6	14	105	27	496
Boundary Bay	9	12,546	6	13	110	6	757
Calgary International	3	19,140	22	18	59	22	755
Calgary/Springbank	15	10,095	5	14	114	22	740
Chicoutimi/St-Honoré	25	6,398	23	15	149	29	643
Edmonton City Centre	26	5,714	12	9	64	22	323
Edmonton International	14	10,499	29	15	44	22	414
Edmonton/Villeneuve	28	5,163	23	10	103	17	648
Fort McMurray	29	5,078	7	12	35	1	279
Gander International	39	2,242	6	14	43	6	207
Halifax/Robert L Stanfield International	22	7,770	21	22	37	22	343
Hamilton	36	3,552	1	11	35	1	222
Kelowna	27	5,590	9	19	56	9	309
Kitchener/Waterloo	20	8,233	8	14	100	14	611
Langley	30	4,647	24	16	68	24	384
London	11	11,427	5	14	96	6	725
Moncton/Greater Moncton International	7	15,272	16	8	75	15	868
Montréal/Pierre Elliott Trudeau International	4	17,719	13	18	58	2	650
Montréal/St-Hubert	5	15,991	23	13	130	29	966
Oshawa	24	6,674	14	14	107	20	548
Ottawa/Macdonald-Cartier International	6	15,715	26	11	92	26	746
Pitt Meadows	16	9,802	3	15	155	27	742
Prince George	38	2,373	29	17	38	30	130
Québec/Jean Lesage International	13	10,817	19	10	68	19	551
Regina International	32	4,421	21	17	60	21	315
Saskatoon/John G Diefenbaker International	23	6,911	21	16	66	17	429
Sault Ste. Marie	37	3,297	20	20	75	15	296
St. John's International	35	3,555	15	16	27	15	215
St-Jean	34	3,572	11	11	51	12	294
Thunder Bay	19	9,123	27	20	88	5	660
Toronto/Buttonville Municipal	8	13,853	14	14	117	14	1,081
Toronto/City Centre	21	7,817	25	16	73	10	552
Toronto/Lester B Pearson International	1	33,669	8	18	95	1	1,192
Vancouver Harbour	31	4,516	9	16	29	7	232
Vancouver International	2	25,172	9	13	80	2	943
Victoria International	10	12,318	24	15	88	7	724
Whitehorse International	41	1,597	4	14	25	4	106
Windsor	40	2,014	27	15	27	20	132
Winnipeg/James Armstrong Richardson International	12	11,327	13	13	52	13	504
Winnipeg/St. Andrews	17	9,541	3	14	113	6	638
Yellowknife	33	4,227	6	15	39	16	236

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	19	1,928	17	13	42	17	230
Campbell River	16	2,163	5	16	42	5	146
Castlegar	27	1,339	2	14	60	1	184
Charlottetown	29	1,242	15	14	16	30	89
Churchill	38	989	14	10	9	28	51
Cranbrook	31	1,119	22	16	25	1	74
Deer Lake	28	1,249	29	14	24	29	68
Fort Nelson	36	1,039	14	16	19	15	83
Fort St John	23	1,633	1	21	32	1	104
Fredericton International	1	9,723	29	14	63	29	719
Grande Prairie	8	3,141	26	16	44	26	224
High Level	46	774	6	14	36	6	57
Îles-de-la-Madeleine	52	303	1	17	4	9	20
Inuvik/Mike Zubko	26	1,431	4	12	17	8	91
Iqaluit	22	1,636	13	13	19	29	119
Kamloops	11	2,564	7	12	47	20	157
Kenora	37	1,017	1	13	25	22	89
Kingston	4	3,667	10	10	46	26	199
Kuujjuaq	40	941	7	8	9	1	53
La Grande Rivière	45	786	16	10	11	5	42
La Ronge	34	1,099	27	14	18	21	67
Lethbridge	24	1,521	2	16	34	1	131
Lloydminster	41	894	12	11	26	18	68
Medicine Hat	35	1,046	16	11	19	16	70
Mont-Joli	47	758	12	10	27	10	134
Montréal/Mirabel International	12	2,378	23	17	34	8	156
Nanaimo	15	2,257	8	12	39	8	217
Norman Wells	39	981	5	20	13	5	65
North Bay	2	4,503	8	10	73	8	397
Ottawa/Gatineau	3	4,027	8	15	93	8	329
Peace River	50	640	20	21	9	7	44
Penticton	7	3,165	1	15	61	20	336
Port Hardy	49	652	28	11	17	28	50
Prince Albert	25	1,455	30	15	20	29	83
Prince Rupert	51	411	16	14	16	15	38
Rankin Inlet	32	1,116	1	12	26	14	61
Red Deer Regional	18	1,934	5	20	45	25	198
Rouyn-Noranda	30	1,232	9	15	38	8	129
Saint John	21	1,806	15	11	20	15	123
Sept-Îles	14	2,263	17	14	31	16	108
Sioux Lookout	13	2,318	4	15	15	28	107
Smithers	44	789	2	15	11	7	54
St Catharines	5	3,518	18	11	60	10	375
Sudbury	9	2,961	27	19	90	27	442
Terrace	42	864	7	10	10	7	64
Thompson	10	2,880	2	15	26	14	175
Timmins	17	2,013	16	17	19	16	96
Val-d'Or	33	1,107	17	19	22	8	56
Victoria Harbour	6	3,186	27	14	26	7	155
Wabush	43	808	20	11	10	2	51
Whitecourt	20	1,849	20	12	42	20	226
Williams Lake	48	738	11	14	18	12	48

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	21	4,371	20	11	37	27	284
Boundary Bay	15	5,648	5	13	52	27	395
Calgary International	3	19,038	22	18	59	22	755
Calgary/Springbank	23	4,236	17	11	41	22	342
Chicoutimi/St-Honoré	38	1,654	21	15	22	29	146
Edmonton City Centre	18	4,754	16	16	36	22	277
Edmonton International	7	10,264	7	8	38	1	405
Edmonton/Villeneuve	35	2,063	17	11	44	17	314
Fort McMurray	20	4,511	1	16	27	1	239
Gander International	39	1,499	13	14	12	16	100
Halifax/Robert L Stanfield International	12	7,316	9	15	27	22	289
Hamilton	31	2,930	8	11	23	8	154
Kelowna	26	3,894	3	12	21	9	175
Kitchener/Waterloo	25	3,902	1	15	38	14	251
Langley	32	2,586	24	12	39	24	197
London	14	5,984	6	11	40	14	344
Moncton/Greater Moncton International	9	7,897	20	15	34	27	427
Montréal/Pierre Elliott Trudeau International	4	17,719	13	18	58	2	650
Montréal/St-Hubert	11	7,403	8	16	49	15	442
Oshawa	33	2,530	25	9	27	8	181
Ottawa/Macdonald-Cartier International	5	11,885	3	14	54	8	540
Pitt Meadows	22	4,320	24	15	69	27	340
Prince George	36	1,885	30	14	13	7	89
Québec/Jean Lesage International	8	7,913	23	17	36	26	374
Regina International	28	3,336	21	17	20	21	179
Saskatoon/John G Diefenbaker International	17	4,772	13	15	30	19	217
Sault Ste. Marie	37	1,818	17	14	21	17	149
St. John's International	30	3,135	30	11	13	30	152
St-Jean	34	2,278	10	13	42	12	278
Thunder Bay	16	5,462	27	13	31	14	287
Toronto/Buttonville Municipal	13	6,802	14	14	59	8	488
Toronto/City Centre	24	4,136	25	15	22	14	193
Toronto/Lester B Pearson International	1	33,669	8	18	95	1	1,192
Vancouver Harbour	19	4,516	9	16	29	7	232
Vancouver International	2	25,121	9	13	80	2	943
Victoria International	10	7,680	9	15	40	7	360
Whitehorse International	41	1,275	10	14	12	2	58
Windsor	40	1,280	21	17	11	1	71
Winnipeg/James Armstrong Richardson International	6	10,672	13	13	38	1	424
Winnipeg/St. Andrews	29	3,240	13	13	25	13	188
Yellowknife	27	3,587	7	10	22	28	166

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	20	1,438	17	12	32	17	180
Campbell River	17	1,501	5	16	14	5	90
Castlegar	41	779	15	14	16	5	61
Charlottetown	26	1,152	28	18	10	30	85
Churchill	31	989	14	10	9	28	51
Cranbrook	37	847	22	16	25	22	70
Deer Lake	24	1,231	2	19	9	30	56
Fort Nelson	30	1,007	8	11	13	15	83
Fort St John	19	1,452	22	16	11	7	83
Fredericton International	1	5,589	15	13	30	30	349
Grande Prairie	7	2,057	20	16	18	20	100
High Level	45	736	1	14	9	2	48
Îles-de-la-Madeleine	52	303	1	17	4	9	20
Inuvik/Mike Zubko	23	1,315	8	18	10	8	77
Iqaluit	18	1,470	29	15	15	29	101
Kamloops	14	1,654	4	11	19	15	108
Kenora	40	802	1	14	8	22	55
Kingston	10	1,973	8	16	21	8	124
Kuujjuaq	34	927	1	12	8	1	53
La Grande Rivière	43	779	16	10	10	5	42
La Ronge	28	1,047	26	14	11	7	58
Lethbridge	32	981	25	12	11	16	65
Lloydminster	50	564	5	17	7	23	39
Medicine Hat	39	802	24	16	12	25	49
Mont-Joli	44	754	12	10	27	10	134
Montréal/Mirabel International	13	1,687	23	17	14	8	88
Nanaimo	11	1,801	24	14	16	24	101
Norman Wells	35	877	19	12	11	5	43
North Bay	12	1,711	14	14	16	8	107
Ottawa/Gatineau	16	1,557	18	14	21	10	105
Peace River	47	622	20	21	9	7	44
Penticton	22	1,341	8	16	15	8	88
Port Hardy	48	618	23	12	10	7	44
Prince Albert	21	1,365	14	8	11	29	71
Prince Rupert	51	311	20	10	6	15	20
Rankin Inlet	27	1,058	5	12	13	14	61
Red Deer Regional	25	1,190	23	11	21	25	126
Rouyn-Noranda	33	968	9	15	12	8	51
Saint John	15	1,562	15	11	16	15	87
Sept-Îles	8	2,011	8	16	14	16	96
Sioux Lookout	5	2,280	6	8	14	28	107
Smithers	42	779	8	10	9	7	52
St Catharines	4	2,592	10	14	46	10	333
Sudbury	6	2,279	19	8	15	16	100
Terrace	36	864	7	10	10	7	64
Thompson	3	2,722	2	15	20	9	125
Timmins	9	1,995	16	17	13	14	92
Val-d'Or	29	1,033	8	11	8	20	53
Victoria Harbour	2	3,172	7	16	23	7	155
Wabush	38	808	20	11	10	2	51
Whitecourt	49	567	15	17	7	22	48
Williams Lake	46	650	4	12	8	4	35

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

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Abbotsford	9	4,993	6	14	72	26	306
Boundary Bay	4	6,898	6	13	74	6	428
Calgary International	37	102	31	9	24	31	24
Calgary/Springbank	6	5,859	5	14	84	30	470
Chicoutimi/St-Honoré	10	4,744	23	15	132	30	504
Edmonton City Centre	25	960	12	9	46	2	90
Edmonton International	36	235	27	19	18	13	26
Edmonton/Villeneuve	17	3,100	23	10	87	17	334
Fort McMurray	31	567	11	17	23	11	47
Gander International	26	743	6	14	38	6	150
Halifax/Robert L Stanfield International	33	454	25	21	18	31	56
Hamilton	30	622	1	11	24	1	78
Kelowna	21	1,696	22	16	46	15	135
Kitchener/Waterloo	12	4,331	27	11	74	20	366
Langley	20	2,061	13	11	40	24	187
London	8	5,443	5	14	82	6	410
Moncton/Greater Moncton International	2	7,375	17	9	58	15	470
Montréal/Pierre Elliott Trudeau International	0	0	0	0	0	0	0
Montréal/St-Hubert	1	8,588	23	13	94	29	548
Oshawa	13	4,144	14	14	90	1	404
Ottawa/Macdonald-Cartier International	14	3,830	25	16	56	17	294
Pitt Meadows	7	5,482	3	15	102	3	412
Prince George	32	488	29	17	30	30	54
Québec/Jean Lesage International	18	2,904	19	10	46	19	202
Regina International	24	1,085	21	17	40	21	136
Saskatoon/John G Diefenbaker International	19	2,139	21	16	50	17	230
Sault Ste. Marie	22	1,479	20	20	74	20	212
St. John's International	34	420	15	16	20	15	102
St-Jean	23	1,294	8	12	38	6	166
Thunder Bay	16	3,661	27	20	80	5	406
Toronto/Buttonville Municipal	3	7,051	1	20	86	14	598
Toronto/City Centre	15	3,681	3	16	60	10	380
Toronto/Lester B Pearson International	0	0	0	0	0	0	0
Vancouver Harbour	0	0	0	0	0	0	0
Vancouver International	38	51	24	8	24	24	51
Victoria International	11	4,638	25	10	60	7	364
Whitehorse International	35	322	4	14	18	4	63
Windsor	27	734	12	15	20	20	76
Winnipeg/James Armstrong Richardson International	28	655	13	10	22	13	82
Winnipeg/St. Andrews	5	6,301	3	14	96	5	482
Yellowknife	29	640	6	15	22	16	74

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	16	490	26	11	28	5	84
Campbell River	13	662	8	14	30	28	68
Castlegar	14	560	2	14	52	1	128
Charlottetown	32	90	15	14	14	15	20
Churchill	0	0	0	0	0	0	0
Cranbrook	19	272	19	13	16	1	34
Deer Lake	42	18	29	14	18	29	18
Fort Nelson	40	32	10	13	8	10	8
Fort St John	25	181	1	21	30	1	38
Fredericton International	1	4,134	29	10	46	29	372
Grande Prairie	7	1,084	26	16	30	26	134
High Level	38	38	6	14	30	6	30
Îles-de-la-Madeleine	0	0	0	0	0	0	0
Inuvik/Mike Zubko	28	116	4	12	14	4	22
Iqaluit	26	166	13	13	12	27	22
Kamloops	9	910	7	12	32	10	96
Kenora	24	215	24	18	20	19	34
Kingston	5	1,694	25	9	38	14	112
Kuujjuaq	45	14	7	8	4	7	4
La Grande Rivière	47	7	18	14	4	18	4
La Ronge	36	52	27	14	12	27	12
Lethbridge	15	540	2	16	30	1	74
Lloydminster	18	330	20	8	22	18	48
Medicine Hat	23	244	13	9	16	22	32
Mont-Joli	48	4	31	13	4	31	4
Montréal/Mirabel International	11	691	13	17	23	8	68
Nanaimo	17	456	8	12	32	8	120
Norman Wells	29	104	5	20	10	31	30
North Bay	2	2,792	8	10	62	8	290
Ottawa/Gatineau	3	2,470	8	15	78	8	226
Peace River	43	18	16	10	4	16	6
Penticton	4	1,824	1	15	54	20	258
Port Hardy	39	34	28	11	14	28	28
Prince Albert	31	90	30	14	16	30	32
Prince Rupert	30	100	16	14	14	15	18
Rankin Inlet	35	58	17	9	18	17	22
Red Deer Regional	10	744	5	20	40	22	108
Rouyn-Noranda	20	264	8	12	28	8	78
Saint John	22	244	15	23	12	15	36
Sept-Îles	21	252	17	14	20	17	38
Sioux Lookout	37	38	4	15	10	29	16
Smithers	46	10	2	15	4	2	4
St Catharines	8	926	20	10	48	20	104
Sudbury	12	682	27	20	86	27	360
Terrace	0	0	0	0	0	0	0
Thompson	27	158	14	12	16	14	56
Timmins	41	18	16	17	6	28	10
Val-d'Or	34	74	17	19	20	11	22
Victoria Harbour	44	14	27	14	8	27	8
Wabush	0	0	0	0	0	0	0
Whitecourt	6	1,282	20	12	36	20	192
Williams Lake	33	88	11	14	16	12	24

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

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Abbotsford	9	4,973	6	14	72	26	306
Boundary Bay	4	6,896	6	13	74	6	428
Calgary International	37	102	31	9	24	31	24
Calgary/Springbank	6	5,857	5	14	84	30	470
Chicoutimi/St-Honoré	10	4,740	23	15	132	30	500
Edmonton City Centre	25	958	12	9	46	2	90
Edmonton International	36	231	27	19	18	13	26
Edmonton/Villeneuve	17	3,100	23	10	87	17	334
Fort McMurray	28	567	11	17	23	11	47
Gander International	29	557	6	14	38	6	138
Halifax/Robert L Stanfield International	33	370	25	21	18	31	56
Hamilton	27	622	1	11	24	1	78
Kelowna	21	1,692	22	16	46	15	135
Kitchener/Waterloo	12	4,330	27	11	74	20	366
Langley	20	2,061	13	11	40	24	187
London	8	5,431	5	14	82	6	410
Moncton/Greater Moncton International	2	7,373	17	9	58	15	470
Montréal/Pierre Elliott Trudeau International	0	0	0	0	0	0	0
Montréal/St-Hubert	1	8,585	23	13	94	29	548
Oshawa	13	4,144	14	14	90	1	404
Ottawa/Macdonald-Cartier International	14	3,814	25	16	56	17	294
Pitt Meadows	7	5,482	3	15	102	3	412
Prince George	30	488	29	17	30	30	54
Québec/Jean Lesage International	18	2,901	19	10	46	19	202
Regina International	24	1,051	21	17	40	21	132
Saskatoon/John G Diefenbaker International	19	2,109	21	16	50	17	230
Sault Ste. Marie	22	1,477	20	20	74	20	212
St. John's International	32	416	15	16	20	15	102
St-Jean	23	1,294	8	12	38	6	166
Thunder Bay	16	3,645	27	20	80	5	404
Toronto/Buttonville Municipal	3	7,049	1	20	86	14	598
Toronto/City Centre	15	3,681	3	16	60	10	380
Toronto/Lester B Pearson International	0	0	0	0	0	0	0
Vancouver Harbour	0	0	0	0	0	0	0
Vancouver International	38	51	24	8	24	24	51
Victoria International	11	4,456	25	10	60	7	346
Whitehorse International	35	322	4	14	18	4	63
Windsor	26	734	12	15	20	20	76
Winnipeg/James Armstrong Richardson International	34	347	8	19	12	23	34
Winnipeg/St. Andrews	5	6,299	3	14	96	5	482
Yellowknife	31	452	11	15	20	16	52

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	16	470	17	13	26	5	84
Campbell River	13	662	8	14	30	28	68
Castlegar	14	560	2	14	52	1	128
Charlottetown	31	90	15	14	14	15	20
Churchill	0	0	0	0	0	0	0
Cranbrook	19	268	19	13	16	1	34
Deer Lake	41	18	29	14	18	29	18
Fort Nelson	40	32	10	13	8	10	8
Fort St John	25	181	1	21	30	1	38
Fredericton International	1	4,128	29	10	46	29	370
Grande Prairie	7	1,084	26	16	30	26	134
High Level	37	38	6	14	30	6	30
Îles-de-la-Madeleine	0	0	0	0	0	0	0
Inuvik/Mike Zubko	28	116	4	12	14	4	22
Iqaluit	26	166	13	13	12	27	22
Kamloops	9	906	7	12	32	10	96
Kenora	24	203	24	18	20	19	34
Kingston	5	1,690	25	9	38	14	112
Kuujjuaq	44	14	7	8	4	7	4
La Grande Rivière	47	7	18	14	4	18	4
La Ronge	36	52	27	14	12	27	12
Lethbridge	15	540	2	16	30	1	74
Lloydminster	18	330	20	8	22	18	48
Medicine Hat	23	228	13	9	16	22	32
Mont-Joli	0	0	0	0	0	0	0
Montréal/Mirabel International	12	667	13	17	23	8	68
Nanaimo	17	456	8	12	32	8	120
Norman Wells	29	104	5	20	10	31	30
North Bay	2	2,780	8	10	62	8	290
Ottawa/Gatineau	3	2,470	8	15	78	8	226
Peace River	42	18	16	10	4	16	6
Penticton	4	1,824	1	15	54	20	258
Port Hardy	39	34	28	11	14	28	28
Prince Albert	32	90	30	14	16	30	32
Prince Rupert	30	100	16	14	14	15	18
Rankin Inlet	35	58	17	9	18	17	22
Red Deer Regional	10	744	5	20	40	22	108
Rouyn-Noranda	20	264	8	12	28	8	78
Saint John	22	242	15	23	12	15	36
Sept-Îles	21	252	17	14	20	17	38
Sioux Lookout	38	38	4	15	10	29	16
Smithers	46	10	2	15	4	2	4
St Catharines	8	926	20	10	48	20	104
Sudbury	11	682	27	20	86	27	360
Terrace	0	0	0	0	0	0	0
Thompson	27	128	14	12	16	14	56
Timmins	43	18	16	17	6	28	10
Val-d'Or	34	74	17	19	20	11	22
Victoria Harbour	45	14	27	14	8	27	8
Wabush	0	0	0	0	0	0	0
Whitecourt	6	1,282	20	12	36	20	192
Williams Lake	33	88	11	14	16	12	24

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

	Rank of movements	Number of movements	Peak hour occurrence			Peak day occurrence	
			Day in month	Hour in day	Number of movements	Day in month	Number of movements
Abbotsford	8	20	20	10	14	20	20
Boundary Bay	23	2	19	12	2	19	2
Calgary International	0	0	0	0	0	0	0
Calgary/Springbank	22	2	11	12	2	11	2
Chicoutimi/St-Honoré	15	4	30	14	4	30	4
Edmonton City Centre	19	2	1	18	2	1	2
Edmonton International	12	4	28	12	2	28	2
Edmonton/Villeneuve	0	0	0	0	0	0	0
Fort McMurray	0	0	0	0	0	0	0
Gander International	3	186	8	14	16	8	24
Halifax/Robert L Stanfield International	5	84	27	16	10	1	16
Hamilton	0	0	0	0	0	0	0
Kelowna	13	4	10	11	4	10	4
Kitchener/Waterloo	25	1	23	16	1	23	1
Langley	0	0	0	0	0	0	0
London	11	12	2	19	6	2	10
Moncton/Greater Moncton International	20	2	27	15	2	27	2
Montréal/Pierre Elliott Trudeau International	0	0	0	0	0	0	0
Montréal/St-Hubert	17	3	15	16	2	15	2
Oshawa	0	0	0	0	0	0	0
Ottawa/Macdonald-Cartier International	9	16	6	15	4	28	8
Pitt Meadows	0	0	0	0	0	0	0
Prince George	0	0	0	0	0	0	0
Québec/Jean Lesage International	16	3	5	15	2	5	2
Regina International	6	34	16	18	8	16	12
Saskatoon/John G Diefenbaker International	7	30	16	20	12	16	16
Sault Ste. Marie	21	2	5	15	2	5	2
St. John's International	14	4	21	10	2	21	2
St-Jean	0	0	0	0	0	0	0
Thunder Bay	10	16	13	12	14	13	14
Toronto/Buttonville Municipal	18	2	10	19	2	10	2
Toronto/City Centre	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	4	182	5	12	18	5	42
Whitehorse International	0	0	0	0	0	0	0
Windsor	0	0	0	0	0	0	0
Winnipeg/James Armstrong Richardson International	1	308	13	10	20	13	52
Winnipeg/St. Andrews	24	2	27	11	2	27	2
Yellowknife	2	188	1	15	14	1	36

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	20	13	11	12	13	12
Campbell River	0	0	0	0	0	0	0
Castlegar	0	0	0	0	0	0	0
Charlottetown	0	0	0	0	0	0	0
Churchill	0	0	0	0	0	0	0
Cranbrook	8	4	20	11	4	20	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
Fredericton International	7	6	16	0	2	16	2
Grande Prairie	0	0	0	0	0	0	0
High Level	0	0	0	0	0	0	0
Îles-de-la-Madeleine	0	0	0	0	0	0	0
Inuvik/Mike Zubko	0	0	0	0	0	0	0
Iqaluit	0	0	0	0	0	0	0
Kamloops	11	4	20	12	4	20	4
Kenora	6	12	23	14	12	23	12
Kingston	10	4	6	11	4	6	4
Kuujjuaq	0	0	0	0	0	0	0
La Grande Rivière	0	0	0	0	0	0	0
La Ronge	0	0	0	0	0	0	0
Lethbridge	0	0	0	0	0	0	0
Lloydminster	0	0	0	0	0	0	0
Medicine Hat	4	16	6	15	6	6	6
Mont-Joli	9	4	31	13	4	31	4
Montréal/Mirabel International	2	24	14	12	8	14	16
Nanaimo	0	0	0	0	0	0	0
Norman Wells	0	0	0	0	0	0	0
North Bay	5	12	23	11	8	23	8
Ottawa/Gatineau	0	0	0	0	0	0	0
Peace River	0	0	0	0	0	0	0
Penticton	0	0	0	0	0	0	0
Port Hardy	0	0	0	0	0	0	0
Prince Albert	0	0	0	0	0	0	0
Prince Rupert	0	0	0	0	0	0	0
Rankin Inlet	0	0	0	0	0	0	0
Red Deer Regional	0	0	0	0	0	0	0
Rouyn-Noranda	0	0	0	0	0	0	0
Saint John	12	2	8	16	2	8	2
Sept-Îles	0	0	0	0	0	0	0
Sioux Lookout	0	0	0	0	0	0	0
Smithers	0	0	0	0	0	0	0
St Catharines	0	0	0	0	0	0	0
Sudbury	0	0	0	0	0	0	0
Terrace	0	0	0	0	0	0	0
Thompson	1	30	15	11	16	15	30
Timmins	0	0	0	0	0	0	0
Val-d'Or	0	0	0	0	0	0	0
Victoria Harbour	0	0	0	0	0	0	0
Wabush	0	0	0	0	0	0	0
Whitecourt	0	0	0	0	0	0	0
Williams Lake	0	0	0	0	0	0	0

Methodology

Survey universe

Coverage

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

Methodology survey

The Itinerant movement record is designed to capture:

- Aircraft identification

- Aircraft type

- The last station before landing at the reporting airport or the next station after take-off

- Arrival or departure

- Time of movement

- Runway used

- Flight rules (Instrument flight rules or Visual flight rules).

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

- Hour

- Single engine aircraft

- Multi-engine aircraft

- Jet aircraft

- Military aircraft

- Date of movement

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

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

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

Other parameter files information includes registered aircraft identifications and their corresponding aircraft types, 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

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

Factors influencing the data

From mid-October 2009 until the end of April 2010, WestJet will fly five times weekly between Toronto and Miami and four times weekly between Toronto and Atlantic City.

Porter Airlines introduced St. John's, Newfoundland and Labrador as its newest destination in Atlantic Canada on October 5, 2009. As part of its expanded service to the region, the airline added four daily non-stop round trip flights between St. John's and Halifax, with ongoing direct flights also connecting Ottawa and Toronto.

Effective September 14, 2009, Porter Airlines added three daily roundtrip flights between Boston Logan International and Toronto City/Centre.

Porter Airlines has added three daily round trip flights on weekdays and two daily round trip flights on weekends between Toronto City Centre Airport and Thunder Bay International Airport effective June 26, 2009.

In June 2009, Air Canada has 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.

WestJet added new seasonal non-stop service effective early May 2009 between Halifax and London, from Fort McMurray to Vancouver and Toronto, between Edmonton and Yellowknife, and between Toronto and Sydney.

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.

Porter Airlines has added five daily round trip flights between Toronto City Centre Airport and Montreal's Pierre Elliott Trudeau International Airport as well as four daily roundtrip flights between Toronto City Centre Airport and Ottawa's MacDonald-Cartier International Airport effective April 15, 2009.

Air India increased the scheduled number of flights between Toronto and Amritsar (via London) from three weekly flights to seven flights per week effective March 29, 2009.

Effective March 2009 Unaalik Aviation, on behalf of First Air, operates five scheduled flights between Rankin Inlet and Baker Lake.

AeroMexico began new daily service between Toronto and Mexico City on March 2, 2009.

Westjet has added a total of 20 flights weekly from Montreal, Calgary and Vancouver to Florida and Mexico as of early January 2009.

Montréal/Mirabel International, Quebec – As of December 2008, data for Montréal/Mirabel International are found in tables relating to Nav Canada Flight Service Stations.

Kuujjuarapik, Quebec – As of December 2008, data for Kuujjuarapik are found in Catalogue no. 51-008, Aircraft Movement Statistics: Airports Without Air Traffic Control Towers.

St. Anthony, Newfoundland and Labrador – As of December 2008, data for St. Anthony are found in Catalogue no. 51-008, Aircraft Movement Statistics: Airports Without Air Traffic Control Towers.

Appendix II

Glossary of terms

Air carrier

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

Level I-III air carriers: Canadian air carriers that, in each of the two calendar years immediately preceding the report year, realized annual gross revenues of $1,000,000 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 each of the two calendar years immediately preceding the report year, realized annual gross revenues of less than $1,000,000 for the air services for which the air carrier held a licence. Since 2000, levels IV and VI are no longer 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.