

CATALOGUE No.

51-201

ANNUAL

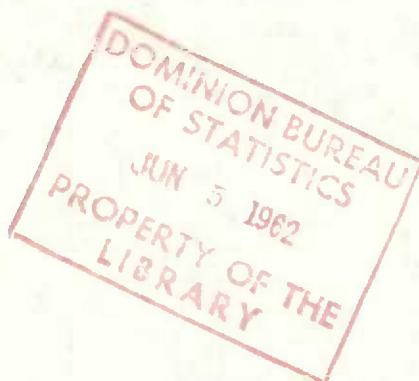
Historical File Copy



CANADA

CIVIL AVIATION PRELIMINARY ANNUAL

1961



Published by Authority of
The Honourable George Hees, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Public Finance and Transportation Division
Transportation Section

May, 1962
8504-512

Price 50 cents

Reports Published by the
Public Finance and Transportation Division
dealing with
Civil Aviation

<u>Catalogue No.</u>	<u>Title</u>	<u>Price</u>
51-001	Civil Aviation - Monthly	\$2.00 per year
51-201	Civil Aviation - Preliminary Annual	50 cents
51-202	Civil Aviation - Annual	50 cents

Subscription orders should be sent to the Information Services Division,
Dominion Bureau of Statistics, Ottawa, Canada, with enclosed remittances
made payable to the Receiver General of Canada.

TABLE OF CONTENTS

	Page
Charts:	
Operating Revenues of Canadian Carriers	4
Revenue Goods Carried by Canadian Carriers	4
Introduction	5
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services	6
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	8
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company	9
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company	10
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company	13
6. Operating Statistics, Canadian Group I Carriers - Unit Toll Services, by Area of Service	14
7. Operating Statistics, Canadian Carriers - Specialty Flying Services, Groups I to IV, by Type of Service	15
8. Operating Statistics, Canadian Carriers Operating Helicopters only, Groups I to IV	15
9. Transportation Statistics, Foreign Carriers, by Area of Service	16
10. Operating Statistics, Canadian Group V Carriers	17
11. Statement of Income, Canadian Group V Carriers	17
Civil Aviation Definitions	18

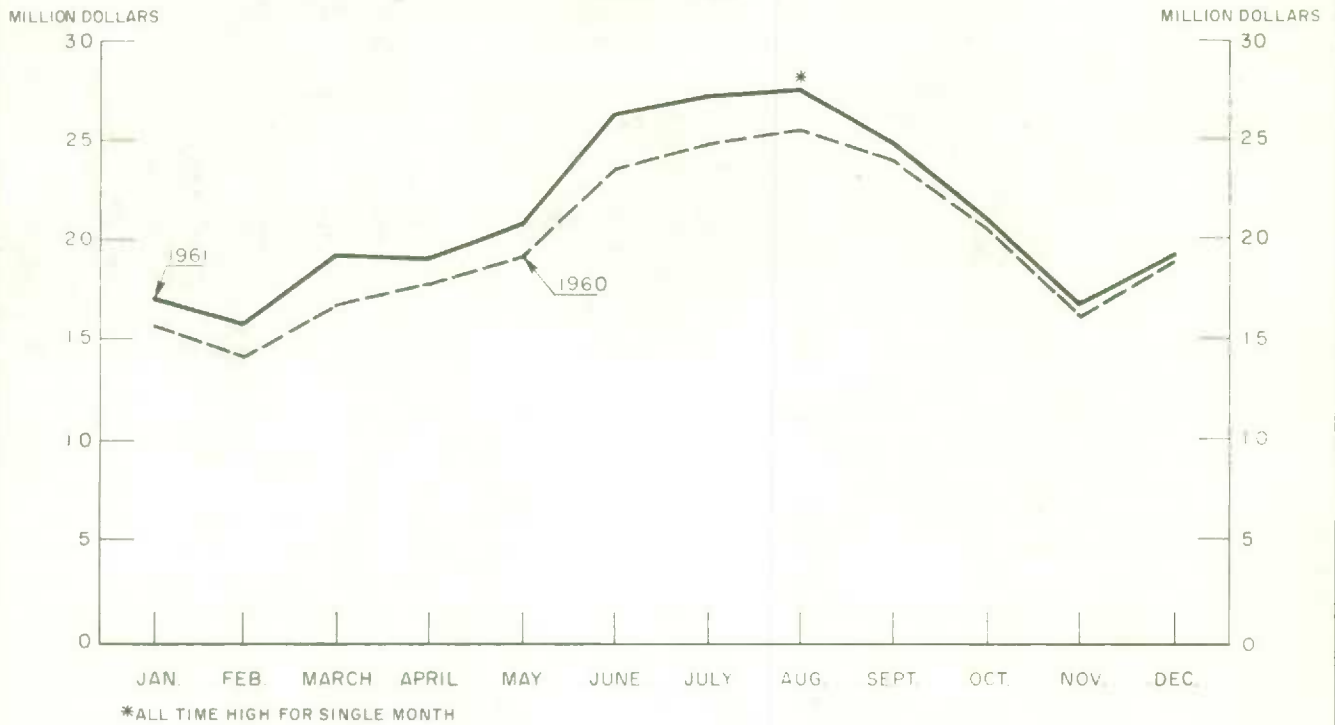
SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures are not applicable.
- Nil or Zero.

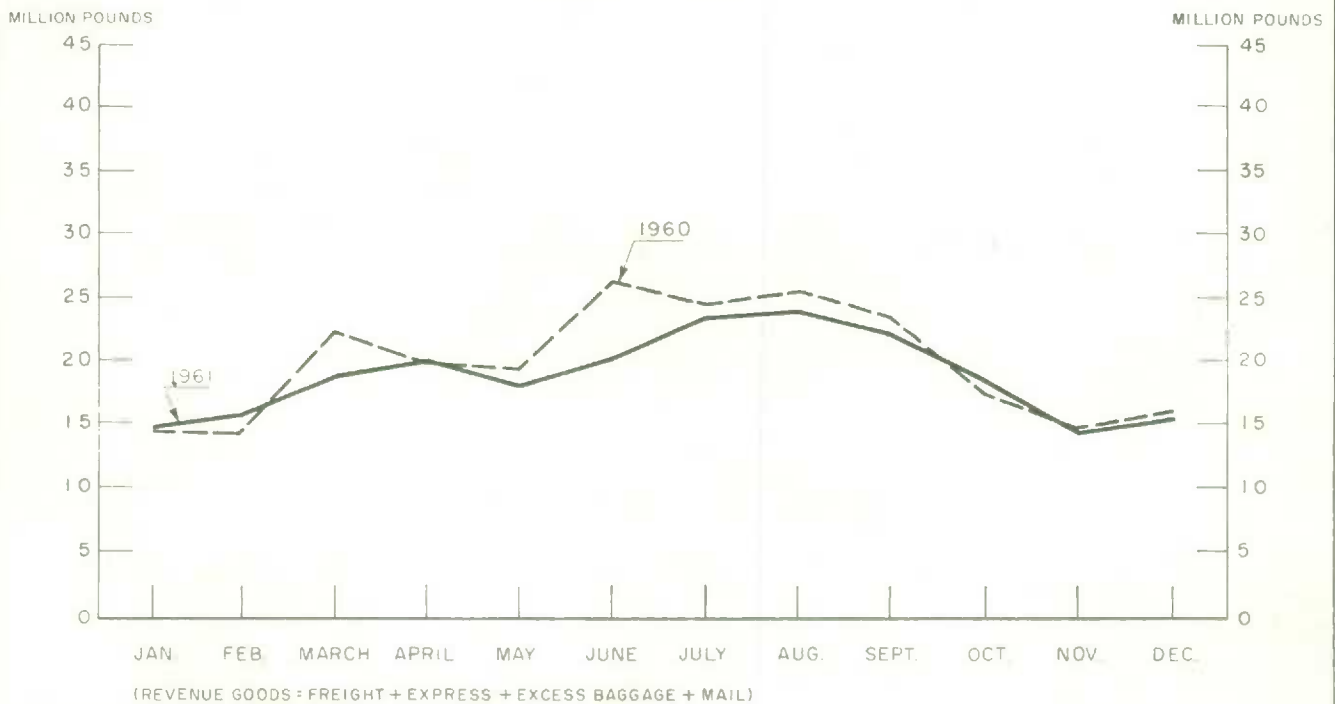
OPERATING REVENUE OF CANADIAN CARRIERS

1960-1961



REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1960-1961



INTRODUCTION

This report presents a summary of monthly statements filed by Canadian air carriers and foreign air carriers licensed to operate in Canada. A more comprehensive annual report based on audited yearly statements will be published later under the title "Civil Aviation 1961". Data shown in this report are subject to revision.

In 1961, Canadian air carriers transported 4.7 per cent more revenue passengers, while the volume of revenue goods handled dropped 3 per cent. Passengers carried increased to 4,949,283 from 4,727,415 while revenue goods flown excluding Group I excess baggage decreased to 227,709,181 lbs. from 234,744,383 lbs. Revenue miles flown declined 6.2 per cent to 97,523,882 from 104,185,023. Operating revenues rose 8.2 per cent to \$255,210,765 from \$235,973,562 and operating expenses increased 8.3 per cent to \$257,356,593 from \$237,714,284. As a result the operating loss for the year amounted to \$2,145,828 as compared to \$1,740,722. The deficit, after provision for income taxes and other charges nearly doubled, amounting to \$12,533,467 as compared with that of \$6,450,886 in 1960.

A total of 4,542,226 or 91.8 per cent of all revenue passengers and 117,526,411 lbs. or 51.4 per cent of all revenue goods were carried on unit toll service during the year under review. During 1960, 4,218,431 revenue passengers or 89.2 per cent of the total and 114,785,791 lbs. of revenue goods or 48.2 per cent of the total were carried in this type of service. Unit toll traffic on both the domestic and the international services of the Group I carriers is shown in Table 6. Figures for passengers and freight are somewhat higher than those shown in Table 4 for the same carriers, because they include some division interline traffic excluded from company totals in Table 4. A complete breakdown of unit toll services into scheduled and non-scheduled is not possible as some carriers offer both on specific routes. In such cases the route is assigned to the class of service which predominates.

In 1961 the six scheduled carriers transported 4,456,448 revenue passengers or 90 per cent of the total number carried and 126,776,367 lbs. of revenue goods or 55.4 per cent of the total. Comparable figures for 1960 were 4,155,016 revenue passengers or 87.9 per cent of the total and 123,313,319 lbs. of revenue goods or 51.8 per cent of the total. The scheduled carriers also accounted for 86.6 per cent of the operating revenues and 87.7 per cent of the operating expenses reported by Canadian air carriers.

Data for companies flying helicopters only are shown in Table 8. These companies operate approximately 75 per cent of all commercial helicopters in Canada. During 1961 they flew a total of 48,673 revenue hours and reported operating revenues of \$6,555,654 while operating expenses amounted to \$6,128,833. The resulting operating income of \$426,821 compares with that of \$521,778 recorded in 1960.

Tables 10 and 11 cover operations of the Group V carriers which report quarterly. The information presented in these two tables is excluded from all other tables of the report. During 1961 these carriers transported 143,537 revenue passengers and 10,008,916 lbs. of revenue goods. The operating revenues of this group of carriers amounted to \$8,178,924, which was only 3.1 per cent of the total operating revenues of the industry in 1961.

Foreign carriers transported 789,680 revenue passengers in 1961 as compared with 724,301 in 1960, an increase of 9 per cent, while the volume of revenue goods flown rose to 21,991,694 lbs. from 16,706,880 lbs., an increase of 31.6 per cent. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

Preliminary Annual, 1961

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Grand total 1960
	Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
	Group I and II(1)	Group III(1)	Group IV	Total					
Number of carriers reporting ..	6	21	58	79	85	9	8	102	101
<u>Transportation services:</u>									
Unit toll:									
Revenue departures	No.	211,420	29,585	10,100	39,685	251,105	..	..	..
Revenue hours flown	"	289,769	31,154	6,466	37,620	327,389	6,000	10,665	344,054
Revenue miles scheduled ...	"	66,715,675	...	...	...	66,715,675	1,568,999	3,778,143	72,062,817
Revenue miles flown:									
Scheduled services	"	67,668,058(4)	...	...	...	67,668,058(4)	1,476,885	3,985,166	73,130,109(4)
Non-scheduled services ..	"	3,589,494(4)	3,899,999	828,672	4,728,671	8,318,165(4)	-	-	8,318,165(4)
Totals	"	71,257,552	3,899,999	828,672	4,728,671	75,986,223	1,476,885	3,985,166	81,448,274
Revenue passengers carried	"	4,394,205	101,071	46,950	148,021	4,542,226	576,859	190,110	5,309,195
Revenue goods carried:									
Cargo	lb.	71,601,504	6,429,728	1,209,510	7,639,238	79,240,742	8,353,426	10,209,788	99,328,554(7)
Excess baggage	"	1,091,355(7)	200,688	232,555	433,243	1,524,598(7)	-	-	-
Mail	"	33,822,455	1,629,521	276,728	1,906,249	35,728,704	1,743,276	1,531,832	39,003,812
Totals	"	106,515,314	8,259,937	1,718,793	9,978,730	116,494,044	10,096,702	11,741,620	138,332,366
Revenue passenger-miles ...	No.	3,128,470,698	25,344,614	3,634,973	28,979,587	3,157,450,285	27,830,338	167,356,289	3,352,636,912
Revenue goods ton-miles:									
Cargo	"	34,969,180	1,726,064	383,887	2,109,951	37,079,131	224,412	3,748,011	42,474,122
Excess baggage	"	1,355,296	55,621	11,651	67,272	1,422,568	-	-	-
Mail	"	13,777,592	269,014	46,836	315,850	14,093,442	33,725	728,409	14,855,576
Totals	"	50,102,068	2,050,699	442,374	2,493,073	52,595,141	258,137	4,476,420	57,329,698
Bulk:									
Revenue - Departure	"	23,011	86,329	103,338	189,667	212,678	..	..	..
Hours flown	"	27,363	127,314	87,925	215,239	242,602	9	1,021	243,632
Miles flown	"	3,999,039	9,294,112	8,244,508	17,538,620	21,537,659	1,563	294,258	21,833,480
Passengers carried	"	62,243	168,163	176,651	344,814	407,057	1,088	21,623	429,768
Freight carried .	lb.	19,228,686	67,193,699	24,792,752	91,986,451	111,215,137	-	153,372	111,368,509
<u>Non-transportation services:</u>									
Specialty flying:									
Revenue hours flown	No.	4,220	20,576	49,466	70,042	74,262	-	-	74,262

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded
Preliminary Annual, 1961

		Canadian carriers					Foreign carriers(2)		Grand total all carriers	Grand total 1960	
		Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)			
			Groups I and II(1)	Group III(1)	Group IV						Total
Total - All services:											
Traffic:(5)											
Revenue:											
Departures	No.	234,431	115,914	113,438	229,352	463,783	..	..	..	..
Hours flown	"	321,352	179,044	143,857	322,901	644,253	6,009	11,686	661,948	712,371	
Miles flown	"	75,256,591	13,194,111	9,073,180	22,267,291	97,523,882	4,478,448	4,279,424	103,281,754	109,699,725	
Passengers carried	"	4,456,448	269,234	223,601	492,835	4,949,283	577,947	211,733	5,738,963	5,451,716	
Cargo carried	lb.	90,830,190	73,623,427	26,002,262	99,625,689	190,455,879	8,353,426(6)	10,363,160(6)	210,697,063(6)	217,220,865(6)	
Goods carried	"	125,744,000	75,453,636	26,511,545	101,965,181	227,709,181	10,096,702	11,894,992	249,700,875	254,800,361	
Non-revenue:											
Hours flown	No.	12,660	11,359	4,777	16,136	28,796	83	7	28,886	24,284	
Passengers carried	"	..	2,187	312	2,499	..	8,547	8,643	..	..
Goods carried	lb.	..	316,872	8,585	325,457	..	194,221	1,009,221	..	..
Passenger-miles	No.	147,266,649	1,235,996	14,476	1,250,472	148,517,121	471,068	7,025,804	156,013,993	133,606,821	
Goods ton-miles	"	5,782,046	179,649	3,540	183,189	5,965,235	9,193	359,044	6,333,472	5,577,447	
Fuel consumed:											
Turbo fuel - Quantity	gal.	143,816,304	-	-	-	143,816,304	4,052,081	24,709,185	172,577,570	101,978,719	
Cost	\$	20,149,842	-	-	-	20,149,842	694,452	4,350,604	25,194,898	15,800,756	
Gasoline - Quantity	gal.	21,151,958	7,990,861	2,191,537	10,182,398	31,334,356	1,617,467	2,486,581	35,438,404	64,541,429	
Cost	\$	6,703,011	3,200,343	955,127	4,155,470	10,858,481	486,766	620,358	11,965,605	19,877,585	
Oil consumed:											
Turbo aircraft - Quantity ..	gal.	33,460	-	-	-	33,460	319	1,172	34,951	18,852	
Cost	\$	313,164	-	-	-	313,164	2,335	10,990	326,489	91,671	
Other aircraft - Quantity ..	gal.	289,813	113,090	38,700	151,790	441,603	7,973	25,665	475,241	866,823	
Cost	\$	266,065	143,996	52,326	196,322	462,387	5,984	20,899	489,270	937,800	
Average number of employees:											
Flying personnel	No.	2,183	461	234	695	2,878	..	..	..	..
Other personnel	"	13,489	813	508	1,321	14,810	..	..	..	..
Totals	"	15,672	1,274	742	2,016	17,688	274	771	18,733	17,990	
Salaries and wages paid:											
Flying personnel	\$	19,057,464	3,833,441	1,563,458	5,396,899	24,454,363	..	..	..	..
Other personnel	\$	71,224,950	4,063,476	2,396,668	6,460,144	77,685,094	..	..	..	..
Totals	\$	90,282,414	7,896,917	3,960,126	11,857,043	102,139,457	1,538,362	3,759,971	107,437,790	100,175,339	

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Except for hours flown these data relate to transportation services only.

(6) Includes excess baggage.

(7) Excludes Group I excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

Preliminary Annual, 1961

	Scheduled carriers			Non-scheduled carriers			Grand total	Grand total 1960
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	175,403,235	8,061,410	183,464,645	2,880,934	602,946	3,483,880	186,948,525	168,718,891
Express	3,017,481	509,880	3,527,361	91,686	41,049	132,735	3,660,096	3,501,806
Freight	7,680,484	2,210,302	9,890,786	967,596	57,550	1,025,146	10,915,932	10,828,562
Excess baggage	1,029,151	218,014	1,247,165	68,258	15,699	83,957	1,331,122	1,847,304
Mail	11,945,786	1,143,537	13,089,323	722,252	65,617	787,869	13,877,192	13,794,133
Total unit toll transportation	199,076,137	12,143,143	211,219,280	4,730,726	782,861	5,513,587	216,732,867	198,690,696
Bulk transportation	2,186,338	4,140,506	6,326,844	14,472,198	6,686,783	21,158,981	27,485,825	27,199,779
Total transportation	201,262,475	16,283,649	217,546,124	19,202,924	7,469,644	26,672,568	244,218,692	225,890,475
Other flying services	22,039	368,744	390,783	3,365,785	1,376,344	4,742,129	5,132,912	5,336,357
Total flying services	201,284,514	16,652,393	217,936,907	22,568,709	8,845,988	31,414,697	249,351,604	231,226,832
Non-flying services	2,451,980	571,806	3,023,786	678,928	2,156,447	2,835,375	5,859,161	4,746,730
Total operating revenues	203,736,494	17,224,199	220,960,693	23,247,637	11,002,435	34,250,072	255,210,765	235,973,562
Operating expenses:								
Flying operations	53,115,177	6,362,886	59,478,063	9,682,974	4,293,055	13,976,029	73,454,092	68,121,782
Maintenance	42,974,440	4,321,617	47,296,057	6,160,729	2,358,338	8,519,067	55,815,124	58,257,948
General services and administration:								
Passenger service	17,113,011	441,493	17,554,504	..	..	..	..	..
Aircraft and traffic servicing	31,546,648	2,341,299	33,887,947	..	..	..	..	..
Promotion and sales	31,434,350	986,272	32,420,622	..	..	..	..	..
General administration	8,810,618	1,239,522	10,050,140	..	..	..	..	..
Totals	88,904,627	5,008,586	93,913,213	3,975,143	1,709,864	5,685,007	99,598,220	89,671,458
Depreciation and amortization	23,092,280	1,845,894	24,938,174	2,271,170	1,279,813	3,550,983	28,489,157	21,663,096
Total operating expenses	208,086,524	17,538,983	225,625,507	22,090,016	9,641,070	31,731,086	257,356,593	237,714,284
Operating income (loss)	Dr. 4,350,030	Dr. 314,784	Dr. 4,664,814	1,157,621	1,361,365	2,518,986	Dr. 2,145,828	Dr. 1,740,722
Non-operating income - net:								
Capital gains and losses	Dr. 698,637	30,652	Dr. 667,985	115,314	16,915	132,229	Dr. 535,756	706,886
Interest and discounts	1,733,159	164,345	1,897,504	19,186	14,184	33,370	1,930,874	4,347,575
Miscellaneous non-operating income	Dr. 240,679	125,663	Dr. 115,016	Dr. 88,836	25,006	Dr. 63,830	Dr. 178,846	401,367
Income before interest expense	Dr. 3,556,187	5,876	Dr. 3,550,311	1,203,285	1,417,470	2,620,755	Dr. 929,556	3,715,106
Interest expense	10,511,333	433,373	10,944,706	426,169	132,839	559,008	11,503,714	9,155,066
Income before income taxes	Dr. 14,067,520	Dr. 427,497	Dr. 14,495,017	777,116	1,284,631	2,061,747	Dr. 12,433,270	Dr. 5,439,960
Provision for income taxes	Cr. 5,229	58,751	53,522	10,549	36,126	46,675	100,197	1,010,926
Net income after income taxes	Dr. 14,062,291	Dr. 486,248	Dr. 14,548,539	766,567	1,248,505	2,015,072	Dr. 12,533,467	Dr. 6,450,886

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Total 1960
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	32,101,793	1,186,781	2,626,159	2,579,381	1,669,089	143,301,442	183,464,645	166,008,907
Express	179,434	-	135,743	354,063	20,074	2,838,047	3,527,361	3,368,640
Freight	2,071,416	1,278,296	665,165	-	266,841	5,609,068	9,890,786	9,823,639
Excess baggage	256,294	18,346	98,976	73,932	26,760	772,857	1,247,165	1,776,395
Mail	1,699,851	256,959	519,291	153,947	213,340	10,245,935	13,089,323	13,089,276
Total unit toll transportation	36,308,788	2,740,382	4,045,334	3,161,323	2,196,104	162,767,349	211,219,280	194,066,857
Bulk transportation	1,451,606	141,772	2,083,683	18,769	1,896,282	734,732	6,326,844	6,765,037
Total transportation	37,760,394	2,882,154	6,129,017	3,180,092	4,092,386	163,502,081	217,546,124	200,831,894
Other flying services	-	-	291,692	-	77,052	22,039	390,783	264,951
Total flying services	37,760,394	2,882,154	6,420,709	3,180,092	4,169,438	163,524,120	217,936,907	201,096,845
Non-flying services	540,392	104,768	361,134	73,432	32,472	1,911,588	3,023,786	2,377,833
Total operating revenues	38,300,786	2,986,922	6,781,843	3,253,524	4,201,910	165,435,708	220,960,693	203,474,678
Operating expenses:								
Flying operations	15,146,940	1,029,277	2,592,760	1,145,295	1,595,554	37,968,237	59,478,063	54,990,668
Maintenance	8,158,336	729,803	1,331,689	955,348	1,304,777	34,816,104	47,296,057	49,755,611
General services and administrations:								
Passenger service	3,452,776	98,363	162,956	67,406	112,768	13,660,235	17,554,504	15,178,808
Aircraft and traffic servicing	5,789,628	458,772	1,421,961	308,762	151,804	25,757,020	33,887,947	31,413,344
Promotion and sales	6,924,442	79,747	176,023	463,334	267,168	24,509,908	32,420,622	28,701,520
General administration	2,151,954	273,505	450,110	260,766	255,141	6,658,664	10,050,140	9,006,552
Totals	18,318,800	910,387	2,211,050	1,100,268	786,881	70,585,827	93,913,213	84,300,224
Depreciation and amortization	3,170,783	222,426	596,600	734,358	292,510	19,921,497	24,938,174	18,313,150
Total operating expenses	44,794,859	2,891,893	6,732,099	3,935,269	3,979,722	163,291,665	225,625,507	207,359,653
Operating income (loss)	Dr. 6,494,073	95,029	49,744	Dr. 681,745	222,188	2,144,043	Dr. 4,664,814	Dr. 3,884,975
Non-operating income - net:								
Capital gains and losses	Dr. 942,159	40,021	-	Dr. 27,874	18,505	243,522	Dr. 667,985	564,823
Interest and discounts	97,294	159,727	-	Dr. 10	4,628	1,635,865	1,897,504	4,307,484
Miscellaneous non-operating income	Dr. 273,271	2,384	121,362	1,181	736	32,592	Dr. 115,016	397,122
Income before interest expense	Dr. 7,612,209	297,161	171,106	Dr. 708,448	246,057	4,056,022	Dr. 3,550,311	1,384,454
Interest expense	-	41,210	110,118	146,559	135,486	10,511,333	10,944,706	8,602,113
Income before income taxes	Dr. 7,612,209	255,951	60,988	Dr. 855,007	110,571	Dr. 6,455,311	Dr. 14,495,017	Dr. 7,217,659
Provision for income taxes	-	7,251	51,000	-	500	Cr. 5,229	53,522	260,153
Net income after income taxes	Dr. 7,612,209	248,700	9,988	Dr. 855,007	110,071	Dr. 6,450,082	Dr. 14,548,539	Dr. 7,477,812

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company
Preliminary Annual, 1961

		Group I carriers			Group II carriers					Grand total
		Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
<u>Transportation services</u>										
Unit toll:										
Revenue departures	No.	21,646	146,915	168,561	9,163	13,700	11,456	8,540	42,859	211,420
Revenue hours flown	"	44,816	200,775	245,591	9,879	15,653	8,135	10,511	44,178	289,769
Revenue miles scheduled	"	12,366,847	50,480,375	62,847,222	340,626	1,994,064	1,133,943	399,820	3,868,453	66,715,675
Revenue miles flown:										
Scheduled services - Regular	"	12,153,506	49,308,959	61,462,465	293,085	1,900,034	988,806	390,792	3,572,717	65,035,182
Extra section	"	173,012	2,171,085	2,344,097	30,994	193,290	41,201	23,294	288,779	2,632,876
Non-scheduled services	"	661,676	-	661,676	1,327,271	133,180	439,112	1,028,255	2,927,818	3,589,494
Totals	"	12,988,194	51,480,044	64,468,238	1,651,350	2,226,504	1,469,119	1,442,341	6,789,314	71,257,552
Ratio of regular miles flown to miles scheduled		98.3	97.7	...	86.0	95.3	87.2	97.7	...	...
Revenue passengers carried	No.	371,345	3,690,227	4,061,572	60,488	116,950	108,647	46,548	332,633	4,394,205
Revenue goods carried:										
Express	lb.	841,661	8,720,260	9,561,921	-	302,007	2,522,564	124,299	2,948,870	12,510,791
Freight	"	4,468,743	35,412,906	39,881,649	13,402,049	4,315,613	-	1,491,402	19,209,064	59,090,713
Excess baggage	"	-	-	-	129,597	291,460	556,506	113,792	1,091,355	1,091,355
Mail	"	2,121,887	26,725,780	28,847,667	1,462,602	1,577,502	1,308,571	626,113	4,974,788	33,822,455
Totals	"	7,432,291	70,858,946	78,291,237	14,994,248	6,486,582	4,387,641	2,355,606	28,224,077	106,515,314
Revenue passenger-miles:										
Scheduled services	No.	556,312,868	2,464,665,740	3,020,978,608	4,016,315	31,629,599	21,488,719	5,369,320	62,503,953	3,083,482,561
Non-scheduled services	"	15,026,864	-	15,026,864	9,017,801	354,615	7,715,348	12,873,509	29,961,273	44,988,137
Totals	"	571,339,732	2,464,665,740	3,036,005,472	13,034,116	31,984,214	29,204,067	18,242,829	92,465,226	3,128,470,698
Available seat-miles on scheduled services	"	1,117,607,929	3,848,898,893	4,966,506,822	8,201,128	73,664,179	39,529,656	..	..	..
Passenger load factor on scheduled services		49.8	64.0	...	49.0	42.9	54.4	..	...	...
Revenue goods ton-miles:										
Express - Scheduled services	No.	224,503	3,093,311	3,317,814	-	105,508	248,296	8,547	362,351	3,680,165
Non-scheduled services	"	11,878	-	11,878	-	-	113,040	21,773	134,813	146,691
Totals	"	236,381	3,093,311	3,329,692	-	105,508	361,336	30,320	497,164	3,826,856
Freight - Scheduled services	"	5,403,532	20,991,543	26,395,075	41,640	1,050,144	-	11,121	1,102,905	27,497,980
Non-scheduled services	"	28,182	-	28,182	3,153,534	222,767	-	239,861	3,616,162	3,644,344
Totals	"	5,431,714	20,991,543	26,423,257	3,195,174	1,272,911	-	250,982	4,719,067	31,142,324

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

Preliminary Annual, 1961

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
<u>Transportation services - concluded:</u>									
Unit toll (concluded):									
Revenue goods ton-miles (concluded):									
Excess baggage - Scheduled services . No.	287,919	884,984	1,172,903	2,847	50,936	53,037	7,145	113,965	1,286,868
Non-scheduled services	1,330	-	1,330	16,381	3,413	26,495	20,809	67,098	68,428
Totals	289,249	884,984	1,174,233	19,228	54,349	79,532	27,954	181,063	1,355,296
Mail - Scheduled services	1,297,317	11,574,220	12,871,537	49,464	443,956	79,687	19,685	592,792	13,464,329
Non-scheduled services	46,093	-	46,093	112,555	56,901	26,233	71,481	267,170	313,263
Totals.....	1,343,410	11,574,220	12,917,630	162,019	500,857	105,920	91,166	859,962	13,777,592
Total - Scheduled services	7,213,271	36,544,058	43,757,329	93,951	1,650,544	381,020	46,498	2,172,013	45,929,342
Non-scheduled services	87,483	-	87,483	3,282,470	283,081	165,768	353,924	4,085,243	4,172,726
Totals.....	7,300,754	36,544,058	43,844,812	3,376,421	1,933,625	546,788	400,422	6,257,256	50,102,068
Available ton-miles on scheduled services	144,044,602	519,075,302	663,119,904	890,779	9,546,340	4,440,993	1,402,243	16,280,355	679,400,259
Weight load factor on scheduled services (2)	43.6	54.5	...	63.3	38.4	50.8	44.8	...	...
Bulk:									
Revenue - Departures	317	408	725	610	16,188	90	5,398	22,286	23,011
Hours flown	2,347	889	3,236	710	15,803	110	7,504	24,127	27,363
Miles flown	624,208	244,906	869,114	107,734	1,826,467	16,408	1,179,316	3,129,925	3,999,039
Passengers carried	9,574	14,952	24,526	4,099	23,947	263	9,408	37,717	62,243
Freight carried	600,808	28,721	629,529	1,886,404	7,885,762	103,003	8,723,988	18,599,157	19,228,686
<u>Non-transportation services</u>									
Specialty flying:									
Revenue hours flown	-	91	91	-	3,833	-	296	4,129	4,220
<u>Total - All services</u>									
Traffic: (3)									
Revenue:									
Departures	21,963	147,323	169,286	9,773	29,888	11,546	13,938	65,145	234,431
Hours flown	47,163	201,755	248,918	10,589	35,289	8,245	18,311	72,434	321,352
Miles flown	13,612,402	51,724,950	65,337,352	1,759,084	4,052,971	1,485,527	2,621,657	9,919,239	75,256,591
Passengers carried	380,919	3,705,179	4,086,098	64,587	140,897	108,910	55,956	370,350	4,456,448
Cargo carried	5,911,212	44,161,887	50,073,099	15,288,453	12,503,382	2,625,567	10,339,689	40,757,091	90,830,190
Goods carried	8,033,099	70,887,667	78,920,766	16,880,652	14,372,344	4,490,644	11,079,594	46,823,234	125,744,000

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

Preliminary Annual, 1961

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Total - All services - Concluded:									
Traffic(3) - Concluded:									
Non-revenue:									
Hours flown	No. 2,883	6,556	9,439	324	1,595	714	588	3,221	12,660
Passengers carried	" 12,150	..	..	1,927	2,294	1,991	1,045	7,257	..
Goods carried	lb. 1,247,584	..	..	311,018	414,224	-	111,361	836,603	..
Passenger-miles	No. 24,428,566	120,122,743	144,551,309	543,935	953,087	593,382	624,936	2,715,340	147,266,649
Goods ton-miles	" 1,856,642	3,686,894	5,543,536	60,850	140,460	-	37,200	238,510	5,782,046
Fuel consumed:									
Turbo fuel - Quantity	gal. 26,240,487	115,499,306	141,739,793	457,459	-	1,619,052	-	2,076,511	143,816,304
Cost	\$ 4,021,348	15,659,207	19,680,555	109,013	-	360,274	-	469,287	20,149,842
Gasoline - Quantity	gal. 6,227,993	9,154,655	15,382,648	1,213,074	2,427,108	190,965	1,938,163	5,769,310	21,151,958
Cost	\$ 1,964,353	2,422,419	4,386,772	369,661	1,098,048	66,737	781,793	2,316,239	6,703,011
Oil consumed:									
Turbo aircraft - Quantity	gal. 5,775	25,721	31,496	62	-	1,902	-	1,964	33,460
Cost	\$ 58,530	240,124	298,654	832	-	13,678	-	14,510	313,164
Other aircraft - Quantity	gal. 74,538	145,147	219,685	14,286	29,760	2,910	23,172	70,128	289,813
Cost	\$ 65,658	122,127	187,785	14,108	37,200	3,800	23,172	78,280	266,065
Average number of employees:									
Flying personnel	No. 426	1,526	1,952	33	90	48	60	231	2,183
Other personnel	" 2,278	10,205	12,483	162	383	269	192	1,006	13,489
Totals	" 2,704	11,731	14,435	195	473	317	252	1,237	15,672
Salaries and wages paid:									
Flying personnel	\$ 4,017,700	13,174,911	17,192,611	289,064	907,820	263,278	404,691	1,864,853	19,057,464
Other personnel	\$ 11,103,526	55,252,342	66,355,868	792,607	2,032,342	1,160,074	884,059	4,869,082	71,224,950
Totals	\$ 15,121,226	68,427,253	83,548,479	1,081,671	2,940,162	1,423,352	1,288,750	6,733,935	90,282,414

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Standard passenger weight used: 200 pounds.

(3) Except for hours flown, these data relate to transportation services only.

TABLE 5. Mainline Traffic (1), Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual, 1961

		Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:								
Originated	No.	301,559	54,911	113,600	108,647	41,267	3,150,148	3,770,132
Domestic interline	"	36,624	5,577	-	-	-	(540,079)	(611,581)
Foreign interline	"	29,301	-	-	-	-	-	-
Totals (2)	"	367,484	60,488	113,600	108,647	41,267	3,690,227	4,381,713
Revenue express carried:								
Originated	1b.	841,661	-	302,007	2,522,564	124,299	8,720,260	12,510,791
Domestic interline	"	-	-	-	-	-	-	-
Foreign interline	"	-	-	-	-	-	-	-
Totals (2)	"	841,661	-	302,007	2,522,564	124,299	8,720,260	12,510,791
Revenue freight carried:								
Originated	"	3,422,902	9,530,654	4,092,846	-	590,693	35,412,906	53,050,001
Domestic interline	"	139,880	-	-	-	-	-	139,880
Foreign interline	"	575,013	-	-	-	-	-	575,013
Totals (2)	"	4,137,795	9,530,654	4,092,846	-	590,693	35,412,906	53,764,894
Revenue excess baggage carried:								
Originated	"	..	129,597	288,047	556,506	101,221	..	1,075,371
Domestic interline	"	..	-	-	-	-	..	-
Foreign interline	"	..	-	-	-	-	..	-
Totals (2)	"	..	129,597	288,047	556,506	101,221	..	1,075,371(3)
Revenue mail carried:								
Originated	"	2,121,887	1,462,602	1,520,601	1,308,571	194,906	26,725,780	33,334,347
Domestic interline	"	-	-	-	-	-	-	-
Foreign interline	"	-	-	-	-	-	-	-
Totals (2)	"	2,121,887	1,462,602	1,520,601	1,308,571	194,906	26,725,780	33,334,347

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I excess baggage.

TABLE 6. Operating Statistics, Canadian Group I Carriers - Unit Toll Services, by Area of Service

Preliminary Annual, 1961

		Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	No.	25,381	5,546	3,853	1,152	35,932	132,629	168,561
Revenue hours flown	"	38,345	22,418	14,432	7,961	83,156	162,435	245,591
Revenue miles scheduled	"	8,362,218	9,268,372	4,106,298	2,653,459	24,390,347	38,456,875	62,847,222
Revenue miles flown:								
Scheduled services - Regular	"	8,057,014	9,108,858	4,067,548	2,569,005	23,802,425	37,660,040	61,462,465
Extra sections	"	294,654	114,142	157,884	56,515	623,195	1,720,902	2,344,097
Non-scheduled services	"	-	-	-	-	-	661,676	661,676
Totals	"	8,351,668	9,223,000	4,225,432	2,625,520	24,425,620	40,042,618	64,468,238
Ratio of regular miles flown to miles scheduled	No.	96.4	98.3	99.1	96.8	97.6	97.9	97.8
Revenue passengers	No.	..	..	..	..	1,238,671(2)	3,096,926(2)	4,335,597(2)
Revenue freight	lb.	..	..	..	..	15,935,233(2)	29,289,631(2)	45,224,864(2)
Revenue passenger-miles	No.	313,401,828	554,294,957	215,260,918	106,131,739	1,189,089,442	1,846,916,030	3,036,005,472
Available seat-miles on scheduled services	"	464,396,706	1,085,718,495	377,194,920	223,441,968	2,150,752,089	2,815,754,733	4,966,506,822
Passenger load factor on scheduled services		67.5	51.1	57.1	47.5	55.3	65.1	60.8
Revenue goods ton-miles:								
Express	No.	496,302	-	-	-	496,302	2,833,390	3,329,692
Freight	"	1,747,057	5,863,757	1,535,950	2,293,156	11,439,920	14,983,337	26,423,257
Excess baggage	"	104,044	275,356	200,515	52,273	632,188	542,045	1,174,233
Mail	"	399,982	1,870,539	312,270	592,326	3,175,117	9,742,513	12,917,630
Totals	"	2,747,385	8,009,652	2,048,735	2,937,755	15,743,527	28,101,285	43,844,812
Available ton-miles on scheduled services	"	55,789,501	148,889,613	49,664,515	29,406,758	283,750,387	379,369,517	663,119,904
Weight load factor on scheduled services(1)		61.1	42.6	47.5	46.0	47.4	55.7	52.2

(1) Standard passenger weight used: 200 pounds.

(2) Includes division interline traffic.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services,
Groups I to IV, by Type of Service

Preliminary Annual, 1961.

	Revenue hours	Revenue earned
	number	dollars
Flying training	30,985	493,953
Recreational flying	9,151	185,881
Aerial photography and survey	5,700	1,359,541
Aerial photography (excluding survey)	922	51,544
Aerial pest control	4,733	857,413
Aerial advertising	104	6,178
Aerial patrol and inspection	14,354	1,277,047
Philanthropic	-	-
Aerial fish cultivation	41	3,493
Geophysical survey	5,498	680,909
Non-transportation charter	422	87,161
Other specialty flying	2,352	125,583
Total specialty flying	74,262	5,128,703

TABLE 8. Operating Statistics, Canadian Carriers Operating
Helicopters only, Groups I to IV

Preliminary Annual, 1961.

	1961	1960
Revenue hours flown	No. 48,673	44,388
Average number of aircraft	" 109	102
Average number of employees:		
Flying personnel	" 194	185
Other personnel	" 175	139
Totals	" 369	324
Salaries and wages paid:		
Flying personnel	\$ 1,561,741	1,151,855
Other personnel	\$ 1,174,240	828,103
Totals	\$ 2,735,981	1,979,958
Operating revenues:		
Bulk transportation	\$ 5,859,423	5,248,536
Other flying services	\$ 244,298	213,213
Non-flying services	\$ 451,933	345,590
Totals	\$ 6,555,654	5,807,339
Operating expenses:		
Flying operations	\$ 2,736,476	2,168,091
Maintenance	\$ 1,412,288	1,283,633
General services and administration ..	\$ 866,104	842,882
Depreciation and amortization	\$ 1,113,965	990,955
Totals	\$ 6,128,833	5,285,561
Operating income (Loss)	\$ 426,821	521,778
Net income (deficit) after income taxes ..	\$ 354,475	451,113

TABLE 9. Transportation Statistics, Foreign Carriers, by Area of Service

Preliminary Annual, 1961

		United States			Europe		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	296,957	288,479	585,436	79,125	93,967	173,092
Bulk transportation	"	363	725	1,088	11,129	10,494	21,623
Totals	"	297,320	289,204	586,524	90,254	104,461	194,715
Revenue freight, express and excess baggage carried:							
Unit toll transportation	lb.	1,329,737	7,059,526	8,389,263	2,326,379	7,661,110	9,987,489
Bulk transportation	"	-	-	-	76,186	77,186	153,372
Totals	"	1,329,737	7,059,526	8,389,263	2,402,565	7,738,296	10,140,861
Mail carried (Unit toll transportation) ..	"	536,227	1,205,733	1,741,960	423,188	1,092,380	1,515,568
		All others			Totals		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	4,303	4,138	8,441	380,385	386,584	766,969
Bulk transportation	"	-	-	-	11,492	11,219	22,711
Totals	"	4,303	4,138	8,441	391,877	397,803	789,680
Revenue freight, express and excess baggage carried:							
Unit toll transportation	lb.	156,369	30,093	186,462	3,812,485	14,750,729	18,563,214
Bulk transportation	"	-	-	-	76,186	77,186	153,372
Totals	"	156,369	30,093	186,462	3,888,671	14,827,915	18,716,586
Mail carried (Unit toll transportation) ..	"	11,385	6,195	17,580	970,800	2,304,308	3,275,108

TABLE 10. Operating Statistics, Canadian Group V Carriers

Preliminary Annual, 1961

	Quantity
Number of reporting carriers ..	
Bulk transportation:	
Revenue hours flown	No. 66,594
Revenue passengers carried	" 143,537
Revenue goods carried	lb. 10,008,916
Specialty flying services:	
Revenue hours flown:	
Flying training	No. 61,179
Recreational flying	" 11,615
Aerial photography and survey	" 2,412
Aerial photography (excl. survey)	" 283
Aerial pest control	" 2,912
Aerial advertising	" 13
Aerial patrol and inspection	" 8,557
Philanthropic	" -
Aerial fish cultivation	" -
Geophysical survey	" 1,010
Non-transportation charter	" 778
Other specialty flying	" 12,776
Total specialty flying services	" 101,535
Total - All services:	
Revenue hours flown	" 168,129
Non-revenue hours flown	" 10,082

TABLE 11. Statement of Income, Canadian Group V Carriers

Preliminary Annual, 1961

	Value
	dollars
Operating revenues:	
Bulk transportation	3,469,946
Other flying services	2,476,775
Total flying services	5,946,721
Non-flying services	2,232,203
Total operating revenues	8,178,924
Operating expenses:	
Flying operations	3,434,022
Maintenance	1,202,829
General services and administration	2,492,107
Depreciation	938,091
Total operating expenses	8,067,049
Operating income (loss)	111,875
Non-operating income - net	Dr. 63,393
Income before income taxes	48,482
Provision for income taxes	64,403
Net income after income taxes	Dr. 15,921

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Transportation of passengers or goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide transportation between designated points in accordance with a schedule; and(ii) the non-scheduled services, which provide transportation either between designated points on a route pattern and with some degree of regularity or from a designated base to serve a defined area or a specific point or points.
Bulk Transportation:	Transportation of passengers or goods at a toll per mile or per hour for the entire aircraft (charter), or in accordance with a specific contract.
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
Scheduled Carriers:	Carriers operating some unit toll scheduled service.
Non-Scheduled Carriers:	Carriers not operating any unit toll scheduled service.
Revenue Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled service plus one major transport carrier: Nordair Limited.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Groups I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000, and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.

Air Cargo:	Air freight and air express.
Goods:	Air Cargo plus excess baggage and air mail.
Passenger Load Factors:	Ratio of revenue passenger-miles performed to available seat-miles.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010548738