

CATALOGUE No.

51-001

MONTHLY



1-44  
DOES NOT CIRCULATE  
NE PAS FAIRE



CIVIL AVIATION

DECEMBER 1969

also known as  
transcontinental  
and regional air  
carrier operations  
as of January 1970  
29/6/74

Published by Authority of  
The Minister of Industry, Trade and Commerce

DOMINION BUREAU OF STATISTICS

Transportation and Public Utilities Division

Aviation Statistics Centre

April 1970  
8705-510

Price: 30 cents  
\$3.00 a year

Vol. 29 - No. 12

DOES NOT CIRCULATE

Reports Published by the

Transportation and Public Utilities Division  
Aviation Statistics Centre

Civil Aviation

Catalogue No.

Title

51-001

Civil Aviation - Monthly

51-201

Civil Aviation - Preliminary Annual

51-202

Civil Aviation - Annual

In addition to the selected publications listed above, the Dominion Bureau of Statistics publishes a wide range of statistical reports on Canadian economic and social affairs. A comprehensive catalogue of all current publications is available free on request from the Dominion Bureau of Statistics, Ottawa 3.

## TABLE OF CONTENTS

	Page
Introduction .....	5
Charts:	
Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6
Review and Analysis .....	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
11. Operating Statistics, Canadian Group V Carriers .....	19
Civil Aviation Definitions .....	20

## SYMBOLS

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

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" publications are prepared from monthly, quarterly and annual reports filed with the Air Transport Committee of the Canadian Transport Commission and the Aviation Statistics Centre, Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly reports filed with the Dominion Bureau of Statistics by foreign carriers operating scheduled services into Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. Descriptions of these groups are to be found from page twenty to twenty-two of this publication. In January 1969, 3 former Group III carriers were transferred to Group IV but ten other carriers were raised from Group IV to Group III thus increasing Group III by a net figure of 7 companies. Transfers between Groups IV and V resulted in an enlargement of Group IV by three companies.

It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee for purposes of regulation, is included with Group III carriers for statistical purposes. The largest number of carriers (approximately 320) is found in Group V. These are smaller companies which report on a quarterly basis only and whose business is highly seasonal. Statistics concerning their operations are excluded from those of the approximately 120 carriers which report on a monthly basis (Groups I-IV).

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

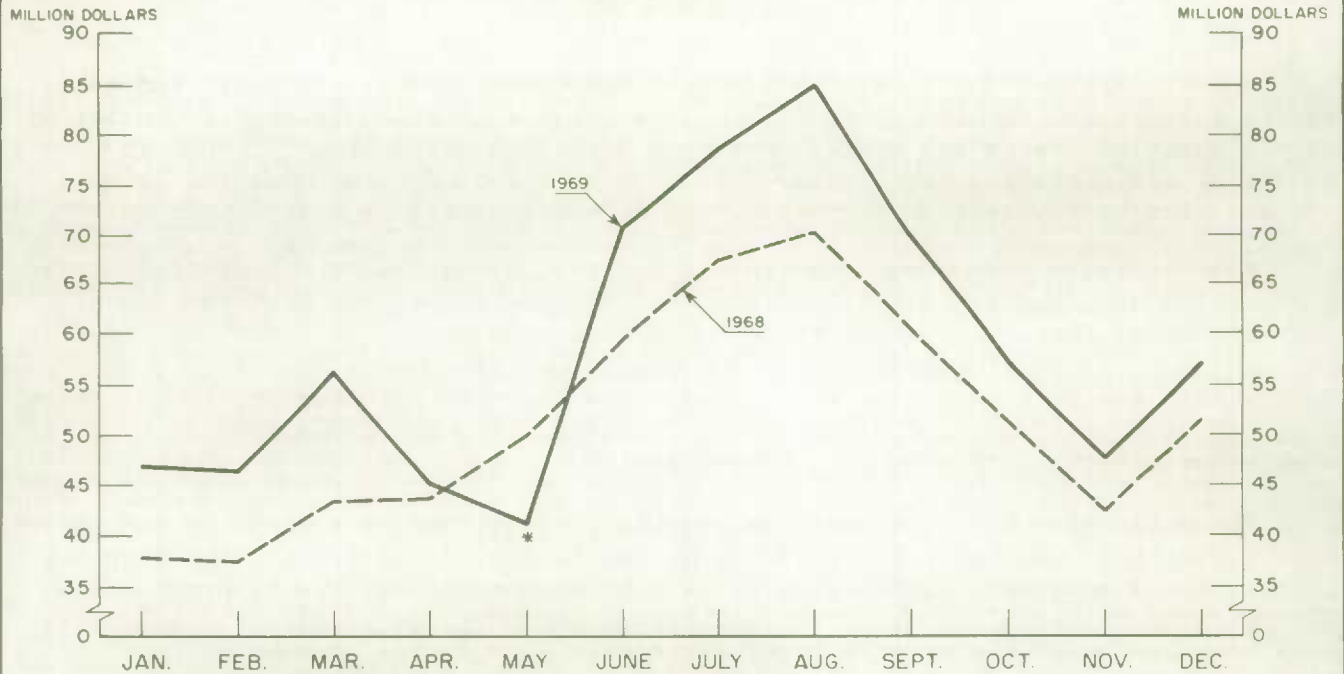
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded.

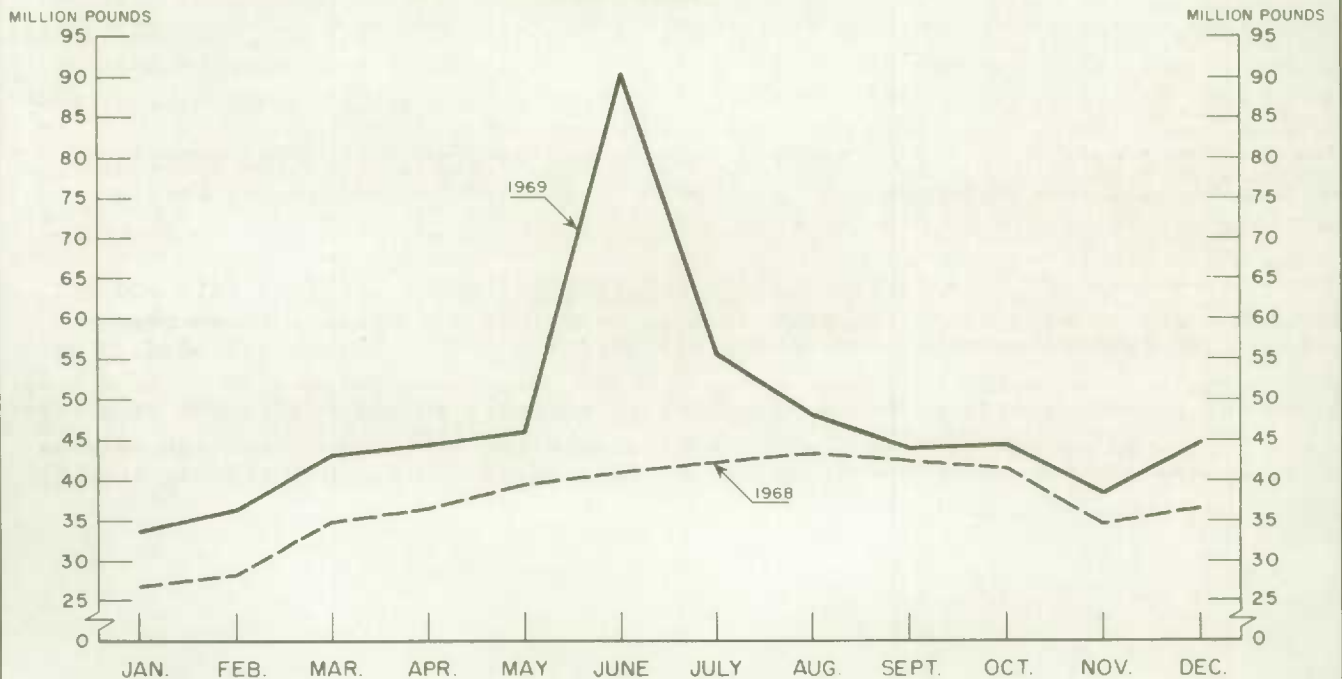
Information published concerning foreign carriers is also different from that shown for Canadian carriers in that hours and mileages reported by foreign carriers cover flying over Canadian territory only. Passengers and goods intransit through Canada have not been counted.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1968-1969



\*AIR CANADA STRIKE APRIL 20<sup>th</sup> TO MAY 20<sup>th</sup>, 1969

# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1968-1969



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)



#### REVIEW OF DECEMBER OPERATIONS

The year end financial picture reported by Canadian air carriers showed a decline in income for the month of December 1969 compared to the same period a year earlier. December figures continued in the pattern of the previous three months; traffic and revenues increased overall but substantial increases in operating expenses resulted in a decline in net income. The month of December, with its holiday and vacation traffic for the Christmas and New Year's period, saw an increase in both domestic and international traffic in both passengers and goods. Charter flights for passengers and for goods showed an especially large increase for the month. Charter passenger-miles rose from 32.8 million in December 1968 to 53.2 million in December 1969. Charter ton-miles, largely because of an airlift of semi-processed nickel from Canada to Norway, rose from 1.3 million in December 1968 to 22.3 million in the same month of 1969. Unit toll operations of the 115 companies reporting in Groups I-IV also showed substantial increases. The number of passengers carried grew to 765,000 in December compared to 684,000 a year earlier. The weight of goods carried increased to 33.6 million pounds from 29.9 million pounds. The number of unit toll passenger-miles rose to 672 million from 604 million and unit toll goods ton-miles increased to 25.3 million from 21.7 million in December 1968.

Statements of income filed by Canadian carriers for the month of December do not show the same pattern of increases as did the operating statistics. In contrast to an operating income of \$6.6 million reported by the carriers in Groups I-IV for December 1968, there was an operating loss of \$427,000 reported for December 1969. The largest portion of this decline was accounted for by a decrease in the operating income reported by the two Group I carriers which fell from \$9.2 million to \$2.9 million. This reduction in operating income was caused not by a slackening of activity or revenues but by a sharp increase in operating expenses. The six major carriers (Groups I and II) reported during the month of December an increase in operating expenses of almost \$11 million from \$38.4 million to \$49.4 million. This growth in operating expenses of 28.5 per cent far outpaced the growth in operating revenues of 8.8 per cent from \$47.6 million to \$51.8 million. More than \$3 million of this increase in expenses of the six carriers was due to a rise in the amount paid for salaries and wages which rose from \$16.5 million in December 1968 to \$19.5 million in December 1969.

During the twelve months of 1969 operating statistics and financial statements reflected the somewhat unusual conditions imposed upon the industry by a month-long strike at Air Canada. During this period other airlines were given temporary authority to perform services over Air Canada's routes. Thus, as the traffic and revenues of Air Canada showed a drop during the period of the strike, the reports of other air carriers showed increases. The other major factor influencing the figures reported by Canadian air carriers was a sustained movement of supplies, machinery and personnel into resource development areas. Oil exploration and drilling in the far north as well as the construction of hydro electricity and mineral resource sites elsewhere in Canada led to the use of specialized modern cargo aircraft in large numbers. Overseas travel promotion was increased and international traffic figures especially in charter services showed impressive gains.

During the twelve months of 1969 Canadian carriers in Groups I-IV reported an increase of almost \$89 million in operating revenues as the amount reported in 1969 rose to \$702.6 million from \$614.1 million in 1968. However, during the year operating expenses increased by \$89.9 million so that operating income fell by \$1.3 million from \$38.4 million to \$37.1 million. Increases in non-operating expenses and decreases in non-operating income resulted in a decline in net income after taxes from \$10.6 million in 1968 to \$7.5 million in 1969. This decrease of \$3.1 million in net income for the approximately 120 carriers in Groups I-IV conceals to some extent the decrease in net income reported by the six major carriers. The six major carriers showed a combined drop in net income of \$6.2 million from \$9.5 million in 1968 to \$3.3 million in 1969. Only the smaller but more numerous carriers in Groups III and IV reported an increase in income compared to 1968.

Helicopter operations reported by some thirty companies showed a decline in the number of hours flown from 5,805 in December 1968 to 5,381 in December 1969. This decline was in contrast to an increase during the twelve months of 1969 from 141,000 hours in 1968 to 169,000 hours in 1969. As in the situation described for all Canadian air carriers (both fixed-wing and helicopter operators) there was a decline in the net income figure reported by carriers operating only helicopters. Net income for 1969 was more than \$345,000 lower than in 1968.

Specialty flying services performed by fixed-wing aircraft operated by carriers in Groups I-IV showed a slight increase for the month of December but a decline for the twelve months of 1969 compared to 1968. Fixed-wing flying training experienced a decline of more than 15,000 hours and \$166,000 during the year and aircraft rental associated with flying training also declined. The discontinuation of a government-sponsored program of financial rebate for student pilots was one of the reasons for this decline. Other specialty flying training activities such as aerial photography and survey and aerial reconnaissance and advertising showed increases in activity and revenues.

Foreign air carriers operating scheduled services to and from Canada reported increased traffic during the month of December. United States carriers reported 13,000 more passengers and almost 700,000 more pounds of goods than in December 1968. Other foreign carriers reported an increase of over 12,000 in the number of passengers carried and a gain of almost 3 million pounds in the weight of goods carried. Nearly 2 million pounds of goods were carried on freight charters whereas nothing was reported in this category in December 1968.

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

December 1969

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
	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	34	75	109	115	11	12	138	...
Revenue transportation services:									
Unit toll:									
Departures(9) ..... No.									
Hours flown ..... "	34,324	4,087	1,780	5,867	40,191	872	1,676	42,739	519,891
Miles scheduled ..... "	11,318,364	...	...	...	11,318,364	302,295	619,588	12,240,247	144,392,353
Miles flown:(4)									
Scheduled ..... "	11,474,627	...	...	...	11,474,627	287,414	616,505	12,378,546	145,922,494
Non-scheduled ..... "	175,150	670,512	251,908	922,420	1,097,570	-	-	1,097,570	14,424,072
Totals ..... "	11,649,777	670,512	251,908	922,420	12,572,197	287,414	616,505	13,476,116	160,346,566
Passengers carried ..... "	739,760	19,314	5,504	24,818	764,578	179,330	40,596	984,504	11,934,123
Goods carried:									
Cargo ..... lb.	24,441,715	1,165,948	286,790	1,452,738	25,894,453	3,403,140	6,062,030	35,521,077	357,013,742
Excess baggage(5) ..... "	113,426	40,100	7,928	48,028	161,454				
Mail ..... "	6,889,064	521,309	118,927	640,236	7,529,300	1,329,227	564,908	9,423,435	76,772,656
Totals ..... "	31,444,205	1,727,357	413,645	2,141,002	33,585,207	4,732,367	6,626,938	44,944,512	433,786,398
Passenger-miles ..... No.	663,890,467	5,220,732	2,518,086	7,738,818	671,629,285	10,140,400	34,439,532	716,209,217	8,810,283,463
Goods ton-miles:									
Cargo ..... "	19,968,803	646,626	47,979	694,605	20,663,408	116,139	1,748,304	22,655,868	239,226,107
Excess baggage(5) ..... "	78,279	48,497	1,241	49,738	128,017				
Mail ..... "	4,123,151	312,620	101,722	414,342	4,537,493	36,965	234,169	4,808,627	37,162,790
Totals ..... "	24,170,233	1,007,743	150,942	1,158,685	25,328,918	153,104	1,982,473	27,464,495	276,388,897
Bulk:									
Departures ..... "	928	6,818	8,524	15,342	16,270	..	..	..	..
Hours flown ..... "	2,061	9,853	7,172	17,025	19,086	9	54	19,149	476,547
Miles flown ..... "	616,816	1,022,284	832,500	1,854,784	2,471,600	4,122	21,082	2,496,804	51,152,777
Passengers carried ..... "	11,463	19,776	13,878	33,654	45,117	239	2,501	47,857	1,184,284
Freight carried ..... lb.	5,463,035	4,309,898	1,309,179	5,619,077	11,082,112	-	1,918,434	13,000,546	240,200,792
Passenger-miles(6) ..... No.	27,049,286	25,653,639	515,089	26,168,728	53,218,014	..	..	..	..
Goods ton-miles(6) ..... "	2,888,872	19,349,796	27,523	19,377,319	22,266,191	..	..	..	..
Revenue non-transportation services:									
Specialty flying - Hours flown "	85	1,551	7,907	9,458	9,543	-	-	9,543	228,844

See footnotes at end of table.



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

December 1969

	Canadian carriers				Foreign carriers(2)		Grand total all carriers	Year to date	
	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:									
Revenue:									
Traffic, miles and hours:(7)									
Departures(9) . . . . . No.									
Hours flown . . . . . "	36,470	15,491	16,859	32,350	68,820	881	1,730	71,431	
Miles flown . . . . . "	12,266,593	1,692,796	1,084,408	2,777,204	15,043,797	291,536	637,587	15,972,920	
Passengers carried . . . . . "	751,223	39,090	19,382	58,472	809,695	179,569	43,097	1,032,361	
Cargo carried . . . . . lb.	29,904,750	5,475,846	1,595,969	7,071,815	37,138,019(8)	4,732,367	7,980,464	48,521,623	
Goods carried(5) . . . . . "	36,907,240	6,037,255	1,722,824	7,760,079	44,667,319	4,732,367	8,545,372	57,945,058	
Passenger-miles(6) . . . . . No.	690,939,753	30,874,371	3,033,175	33,907,546	724,847,299	..	..	..	
Goods ton-miles(6) . . . . . "	27,059,105	20,357,539	178,465	20,536,004	47,595,109	..	..	..	
Non-revenue:(10)									
Hours flown . . . . . "	1,101	956	533	1,489	2,590	5	4	2,599	
Passengers carried . . . . . "									
Goods carried . . . . . lb.									
Passenger-miles . . . . . No.									
Goods ton-miles . . . . . "									
Fuel and oil consumed:									
Turbo fuel - Quantity . . . . . gal.	34,097,518	1,228,320	78,283	1,306,603	35,404,121	1,434,409	5,622,447	42,460,977	
Cost . . . . . \$	5,451,288	255,011	36,597	291,608	5,742,896	251,721	794,950	6,789,567	
Gasoline - Quantity . . . . . gal.	492,972	519,151	269,587	788,738	1,281,710	-	-	1,281,710	
Cost . . . . . \$	174,775	232,235	127,115	359,350	534,125	-	-	534,125	
Turbo oil - Quantity . . . . . gal.	9,796	169	68	237	10,033	339	208	10,580	
Cost . . . . . \$	60,240	1,042	846	1,888	62,128	2,328	1,985	66,441	
Other oil - Quantity . . . . . gal.	4,234	7,210	4,612	11,822	16,056	-	-	16,056	
Cost . . . . . \$	5,073	12,330	8,175	20,505	25,578	-	-	25,578	
Average number of employees:									
Pilots and co-pilots . . . . . No.	1,857	592	484	1,076	2,933	..	..	..	
Other flight personnel . . . . . "	2,439	151	27	178	2,617	..	..	..	
General management . . . . . "	486	196	156	352	838	..	..	..	
Maintenance labour . . . . . "	4,719	690	417	1,107	5,826	..	..	..	
Aircraft & traffic servicing . . . . . "	8,635	251	92	343	8,978	..	..	..	
Dther personnel . . . . . "	6,535	382	253	635	7,170	..	..	..	
Totals . . . . . "	24,671	2,262	1,429	3,691	28,362	648	856	29,866	
Salaries and wages paid:									
Pilots and co-pilots . . . . . \$	2,971,119	585,225	369,455	954,680	3,925,799	..	..	..	
Other flight personnel . . . . . \$	1,587,701	78,172	14,923	93,095	1,680,796	..	..	..	
General management . . . . . \$	604,691	224,882	141,964	366,846	971,537	..	..	..	
Maintenance labour . . . . . \$	3,779,058	458,113	256,564	714,677	4,493,735	..	..	..	
Aircraft & traffic servicing . . . . . \$	5,903,608	142,257	43,782	186,039	6,089,647	..	..	..	
Other personnel . . . . . \$	4,676,510	245,600	125,314	370,914	5,047,424	..	..	..	
Totals . . . . . \$	19,522,687	1,734,249	952,002	2,686,251	22,208,938	443,337	651,237	23,303,512	
								257,861,614	

(1) Group II non-scheduled carriers included with Group III for statistical purposes.

(2) See "Foreign Carriers", 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) Excludes Air Canada excess baggage.

(6) Excludes chartered aircraft with maximum weight less than 18,000 lbs.

(7) Specialty flying services not included except for hours flown.

(8) Includes excess baggage.

(9) Information concerning unit toll departures not collected during 1969.

(10) "Non-revenue" data not collected in 1969 except for "hours flown".

Note: Statistics in Tables 4, 5, 6, 7, 8 and 9 included in this table.

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

December 1969

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers .....	36,788,549	2,503,854	39,292,403	570,550	107,410	677,960	39,970,363	480,703,328
Express .....	769,228	62,602	831,830	8,058	492	8,550	840,380	9,598,812
Freight .....	4,757,480	371,629	5,129,109	207,303	49,651	256,954	5,386,063	49,611,932
Excess baggage .....	166,371	27,410	193,781	13,762	Dr. 443	13,319	207,100	2,651,763
Mail .....	3,232,607	312,507	3,545,114	169,965	25,947	195,912	3,741,026	27,356,929
Total unit toll transportation ..	45,714,235	3,278,002	48,992,237	969,638	183,057	1,152,695	50,144,932	569,922,764
Bulk transportation .....	480,834	1,236,723	1,717,557	2,249,062	806,156	3,055,218	4,772,775	104,118,476
Total transportation .....	46,195,069	4,514,725	50,709,794	3,218,700	989,213	4,207,913	54,917,707	674,041,240
Other flying services .....	8,522	37,924	46,446	195,575	276,640	472,215	518,661	13,561,330
Total flying services .....	46,203,591	4,552,649	50,756,240	3,414,275	1,265,853	4,680,128	55,436,368	687,602,570
Non-flying services .....	543,814	484,132	1,027,946	375,994	117,915	493,909	1,521,855	15,056,565
Total operating revenues .....	46,747,405	5,036,781	51,784,186	3,790,269	1,383,768	5,174,037	56,958,223	702,659,135
Operating expenses:								
Flying operations .....	11,579,277	2,027,774	13,607,051	2,004,703	684,825	2,689,528	16,296,579	192,055,074
Maintenance .....	7,066,795	1,027,813	8,094,608	1,746,877	719,106	2,465,983	10,560,591	122,505,541
General services and administration:								
Passenger service .....	4,878,404	371,880	5,250,284	..	..	..	..	..
Aircraft and traffic servicing ....	7,341,713	826,343	8,168,056	..	..	..	..	..
Promotion and sales .....	7,397,859	432,433	7,830,292	..	..	..	..	..
General administration .....	2,082,124	337,366	2,419,490	..	..	..	..	..
Totals .....	21,700,100	1,968,022	23,668,122	1,414,855	675,078	2,089,933	25,758,055	290,823,433
Depreciation and amortization .....	3,512,673	510,910	4,023,583	399,232	347,140	746,372	4,769,955	60,170,827
Total operating expenses .....	43,858,845	5,534,519	49,393,364	5,565,667	2,426,149	7,991,816	57,385,180	665,554,875
Operating income (loss) .....	2,888,560	Dr. 497,738	2,390,822	Dr. 1,775,388	Dr. 1,042,367	Dr. 2,817,755	Dr. 426,933	37,104,260
Non-operating income - Net:								
Capital gains and losses .....	1,624,528	36,715	1,661,243	244,893	Dr. 9,442	235,451	1,896,694	4,389,085
Interest and discounts .....	430,576	176,557	607,133	12,650	Dr. 641	12,009	619,142	9,193,452
Miscellaneous non-operating income ..	Dr. 58,382	1,543	Dr. 56,839	Dr. 5,230	14,919	9,689	Dr. 47,150	Dr. 423,355
Income before interest expense .....	4,885,282	Dr. 282,923	4,602,359	Dr. 1,523,075	Dr. 1,037,531	Dr. 2,560,606	2,041,753	50,263,442
Interest expense .....	2,650,806	349,285	3,000,091	288,519	93,300	381,819	3,381,910	36,836,023
Income before income taxes .....	2,234,476	Dr. 632,208	1,602,268	Dr. 1,811,594	Dr. 1,130,831	Dr. 2,942,425	Dr. 1,340,157	13,427,419
Provision for income taxes .....	1,294,000	Cr. 119,400	1,174,600	Cr. 179,963	2,121	Cr. 177,842	996,758	5,924,083
Net income after income taxes .....	940,476	Dr. 512,808	427,668	Dr. 1,631,631	Dr. 1,132,952	Dr. 2,764,583	Dr. 2,336,915	7,503,336

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

Note: Data in Tables 3, 8 and 10 included in this table.

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

December 1969

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	Year to date
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers .....	28,776,775	8,011,774	494,630	1,160,106	480,491	368,627	39,292,403	470,899,571
Express .....	710,658	58,570	7,267	41,022	-	14,313	831,830	9,471,703
Freight .....	3,938,558	818,922	78,566	186,284	64,136	42,643	5,129,109	46,098,249
Excess baggage .....	112,005	54,366	8,416	10,711	7,512	771	193,781	2,466,695
Mail .....	2,226,151	1,006,456	105,207	151,960	27,159	28,181	3,545,114	25,628,015
Total unit toll transportation ..	35,764,147	9,950,088	694,086	1,550,083	579,298	454,535	48,992,237	554,564,233
Bulk transportation .....	386,714	94,120	45,666	998,538	79,915	112,604	1,717,557	33,284,907
Total transportation .....	36,150,861	10,044,208	739,752	2,548,621	659,213	567,139	50,709,794	587,849,140
Other flying services .....	8,522	-	37,924	-	-	-	46,446	910,773
Total flying services .....	36,159,383	10,044,208	777,676	2,548,621	659,213	567,139	50,756,240	588,759,913
Non-flying services .....	369,918	173,896	520,255	-	Dr. 38,088	1,965	1,027,946	10,631,855
Total operating revenues .....	36,529,301	10,218,104	1,297,931	2,548,621	621,125	569,104	51,784,186	599,391,768
Operating expenses:								
Flying operations .....	8,572,942	3,006,335	366,125	1,074,368	372,610	214,671	13,607,051	150,322,875
Maintenance .....	6,178,050	888,745	226,516	408,612	142,901	249,784	8,094,608	96,222,090
General services and administration:								
Passenger service .....	3,665,433	1,212,971	85,916	207,378	40,763	37,823	5,250,284	60,502,625
Aircraft and traffic servicing ....	5,923,796	1,417,917	189,120	460,168	70,270	106,785	8,168,056	88,574,215
Promotion and sales .....	5,571,231	1,826,628	80,860	180,673	131,770	39,130	7,830,292	93,452,548
General administration .....	1,390,669	691,455	50,564	190,377	Dr. 41,647	138,072	2,419,490	29,237,213
Totals .....	16,551,129	5,148,971	406,460	1,038,596	201,156	321,810	23,668,122	271,766,601
Depreciation and amortization .....	3,041,828	470,845	124,855	179,645	82,652	123,758	4,023,583	50,963,710
Total operating expenses .....	34,343,949	9,514,896	1,123,956	2,701,221	799,319	910,023	49,393,364	569,275,276
Operating income (loss) .....	2,185,352	703,208	173,975	Dr. 152,600	Dr. 178,194	Dr. 340,919	2,390,822	30,116,492
Non-operating income - Net:								
Capital gains and losses .....	1,771,688	Dr. 147,160	5,360	23,503	-	7,852	1,661,243	3,064,711
Interest and discounts .....	403,681	26,895	2,644	38,406	135,507	-	607,133	8,931,445
Miscellaneous non-operating income ..	33,676	Dr. 92,058	12,284	Dr. 2,437	Dr. 8,452	148	Dr. 56,839	Dr. 647,433
Income before interest expense .....	4,394,397	490,885	194,263	Dr. 93,128	Dr. 51,139	Dr. 332,919	4,602,359	41,465,215
Interest expense .....	2,207,217	443,589	135,931	163,656	18,277	31,421	3,000,091	32,733,051
Income before income taxes .....	2,187,180	47,296	58,332	Dr. 256,784	Dr. 69,416	Dr. 364,340	1,602,268	8,732,164
Provision for income taxes .....	1,095,000	199,000	-	Cr. 119,400	-	-	1,174,600	5,391,000
Net income after income taxes .....	1,092,180	Dr. 151,704	58,332	Dr. 137,384	Dr. 69,416	Dr. 364,340	427,668	3,341,164

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

December 1969

		Group I carriers			Group II carriers(1)					Grand total
		Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services:										
Unit toll:										
Departures(6) . . . . . No.										
Hours flown . . . . . "		23,849	5,439	29,288	1,242	1,666	814	1,314	5,036	34,324
Miles scheduled . . . . . "		8,025,684	2,349,708	10,375,392	116,832	439,688	185,572	200,880	942,972	11,318,364
Miles flown:(1)										
Schedul ed - Regular . . . . . "		7,733,692	2,290,034	10,023,726	102,763	412,769	162,078	198,563	876,173	10,899,899
Extra sections..... "		469,914	37,555	507,469	23,433	40,978	-	2,848	67,259	574,728
Non-scheduled . . . . . "		-	-	-	149,375	-	-	25,775	175,150	175,150
Totals . . . . . "		8,203,606	2,327,589	10,531,195	275,571	453,747	162,078	227,186	1,118,582	11,649,777
Ratio of regular miles flown to miles scheduled . . . . .		96.4	97.5	96.6	88.0	93.9	87.3	98.8	92.9	96.3
Passengers carried . . . . . No.		553,552	96,408	649,960	12,788	50,678	13,304	13,030	89,800	739,760
Goods carried:										
Freight . . . . . 1b.		17,466,547	2,897,154	20,363,701	651,063	934,274	297,048	336,422	2,218,807	22,582,508
Express . . . . . "		1,526,635	156,436	1,683,071	21,005	112,738	-	42,393	176,136	1,859,207
Excess baggage(2) . . . . . "		-	33,641	33,641	24,712	29,658	25,415	-	79,785	113,426
Mail . . . . . "		5,510,910	468,142	5,979,052	393,539	336,082	78,559	101,832	910,012	6,889,064
Totals . . . . . "		24,504,092	3,555,373	28,059,465	1,090,319	1,412,752	401,022	480,647	3,384,740	31,444,205
Passenger-miles:(1)										
Schedul ed . . . . . No.		475,633,001	159,276,077	634,909,078	3,262,697	13,523,595	5,302,511	4,381,034	26,469,837	661,378,915
Non-scheduled . . . . . "		-	-	-	2,425,050	-	-	86,502	2,511,552	2,511,552
Totals . . . . . "		475,633,001	159,276,077	634,909,078	5,687,747	13,523,595	5,302,511	4,467,536	28,981,389	663,890,467
Available seat-miles on scheduled services(1) . . . . . "		871,191,048	344,285,586	1,215,476,634	10,112,471	35,499,723	8,583,444	9,523,252	63,718,890	1,279,195,524
Passenger load factor on scheduled services(1) . . . . .		54.6	46.3	52.2	32.3	38.1	61.8	46.0	41.5	51.7
Goods ton-miles:(1)										
Freight - Schedul ed . . . . . No.		14,512,475	4,055,244	18,567,719	32,822	313,317	70,909	58,582	475,630	19,043,349
Non-scheduled . . . . . "		-	-	-	124,052	-	-	15,020	139,072	139,072
Totals . . . . . "		14,512,475	4,055,244	18,567,719	156,874	313,317	70,909	73,602	614,702	19,182,421
Express - Schedul ed(1) . . . . . "		676,829	72,685	749,514	2,203	25,531	-	7,940	35,674	785,188
Non-scheduled . . . . . "		-	-	-	1,194	-	-	-	1,194	1,194
Totals . . . . . "		676,829	72,685	749,514	3,397	25,531	-	7,940	36,868	786,382

See footnotes at end of table.



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

December 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles(1) - Concluded:									
Excess baggage - Scheduled(2) .... No.	..	59,221	59,221	7,558	6,397	5,037	-	18,992	78,213
Non-scheduled .... "	..	-	-	66	-	-	-	66	66
Totals ..... "	..	59,221	59,221	7,624	6,397	5,037	-	19,058	78,279
Mail - Scheduled(1) ..... "	3,179,090	726,826	3,905,916	62,874	98,719	9,421	9,217	180,231	4,086,147
Non-scheduled ..... "	-	-	-	28,133	-	-	8,871	37,004	37,004
Totals ..... "	3,179,090	726,826	3,905,916	91,007	98,719	9,421	18,088	217,235	4,123,151
Total - Scheduled(1, 2) ..... "	18,368,394	4,913,976	23,282,370	105,457	443,964	85,367	75,739	710,527	23,992,897
Non-scheduled ..... "	-	-	-	153,445	-	-	23,891	177,336	177,336
Totals ..... "	18,368,394	4,913,976	23,282,370	258,902	443,964	85,367	99,630	887,863	24,170,233
Available ton-miles on scheduled services(1) ..... "	145,607,552	46,985,539	192,593,091	1,058,262	4,542,351	1,033,567	1,106,885	7,741,065	200,334,156
Weight load factor on scheduled services(1, 3) ..... "	45.3	44.4	45.1	40.8	39.5	59.6	46.4	43.4	45.0
Bulk:									
Departures ..... No.	144	12	156	215	384	84	89	772	928
Hours flown ..... "	362	67	429	289	825	185	333	1,632	2,061
Miles flown ..... "	141,489	32,149	173,638	32,099	287,521	61,279	62,279	443,178	616,816
Passengers carried ..... "	3,543	888	4,431	650	3,865	1,315	1,202	7,032	11,463
Freight carried ..... lb.	811,522	-	811,522	118,090	4,149,971	-	383,452	4,651,513	5,463,035
Passenger-miles(4) ..... No.	4,996,652	3,326,194	8,322,846	104,831	15,484,636	2,303,700	833,273	18,726,440	27,049,286
Goods ton-miles(4) ..... "	1,434,878	-	1,434,878	14,290	1,237,112	-	202,592	1,453,994	2,888,872
Revenue non-transportation services:									
Specialty flying - Hours flown ..... "	30	-	30	55	-	-	-	55	85
Total - All services:									
Traffic, hours and miles:(5)									
Revenue:									
Departures(6) ..... "									
Hours flown ..... "	24,241	5,506	29,747	1,586	2,491	999	1,647	6,723	36,470
Miles flown ..... "	8,345,095	2,359,738	10,704,833	307,670	741,268	223,357	289,465	1,561,760	12,266,593
Passengers carried ..... "	557,095	97,296	654,391	13,438	54,543	14,619	14,232	96,832	751,223
Cargo carried ..... lb.	19,804,704	3,053,590	22,858,294	790,158	5,196,983	297,048	762,267	7,046,456	29,904,750
Goods carried(2) ..... "	25,315,614	3,555,373	28,870,987	1,208,409	5,562,723	401,022	864,099	8,036,253	36,907,240
Passenger-miles(4) ..... No.	480,629,653	162,602,271	643,231,924	5,792,578	29,008,231	7,606,211	5,300,809	47,707,829	690,939,753
Goods ton-miles(2, 4) ..... "	19,803,272	4,913,976	24,717,248	273,192	1,681,076	85,367	302,222	2,341,857	27,059,105

See footnotes at end of table.



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

December 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Total - All services - Concluded:									
Traffic, hours and miles - Concluded:(5)									
Non-revenue:(7)									
Hours flown .....	No. 437	236	673	132	241	18	37	428	1,101
Passengers carried .....	"								
Goods carried .....	lb.								
Passenger-miles .....	No.								
Goods ton-miles .....	"								
Fuel and oil consumed:									
Turbo fuel - Quantity .....	gal. 23,943,620	7,504,831	31,448,451	475,463	1,449,102	557,226	167,276	2,649,067	34,097,518
Cost .....	\$ 3,603,529	1,293,274	4,896,803	104,643	297,245	117,017	35,580	554,485	5,451,288
Gasoline - Quantity .....	gal. -	5,204	5,204	77,132	233,636	24,919	152,081	487,768	492,972
Cost .....	\$ -	1,780	1,780	26,368	88,563	8,223	49,841	172,995	174,775
Turbo oil - Quantity .....	gal. 4,100	791	4,891	46	555	480	3,824	4,905	9,796
Cost .....	\$ 38,642	7,766	46,408	684	7,215	1,679	4,254	13,832	60,240
Other oil - Quantity .....	gal. -	21	21	1,186	2,433	588	6	4,213	4,234
Cost .....	\$ -	20	20	1,482	3,041	470	60	5,053	5,073
Average number of employees:									
Pilots and co-pilots .....	No. 1,117	364	1,481	69	184	51	72	376	1,857
Other flight personnel .....	" 1,612	555	2,167	32	166	29	45	272	2,439
General management .....	" 107	129	236	20	162	48	20	250	486
Maintenance labour .....	" 3,170	814	3,984	192	309	112	122	735	4,719
Aircraft and traffic servicing .....	" 6,076	1,937	8,013	136	238	136	112	622	8,635
Other personnel .....	" 5,056	1,213	6,269	58	124	12	72	266	6,535
Total employees .....	" 17,138	5,012	22,150	507	1,183	388	443	2,521	24,671
Salaries and wages:									
Pilots and co-pilots .....	\$ 1,913,582	611,163	2,524,745	89,868	224,596	57,722	74,188	446,374	2,971,119
Other flight personnel .....	\$ 1,007,672	461,242	1,468,914	13,612	62,175	11,337	31,663	118,787	1,587,701
General management .....	\$ 261,360	161,640	423,000	25,912	98,334	30,758	26,687	181,691	604,691
Maintenance labour .....	\$ 2,617,139	601,596	3,218,735	120,269	276,435	68,413	95,206	560,323	3,779,058
Aircraft and traffic servicing .....	\$ 4,453,362	1,094,243	5,547,605	66,566	162,771	75,295	51,371	356,003	5,903,608
Other personnel .....	\$ 3,884,388	663,575	4,547,963	27,167	60,185	11,150	30,045	128,547	4,676,510
Total salaries and wages .....	\$ 14,137,503	3,593,459	17,730,962	343,394	884,496	254,675	309,160	1,791,725	19,522,687

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

(2) Excludes Air Canada excess baggage.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

(6) Departures available for bulk transport flights only.

(7) "Non-revenue" data not collected in 1969 except for "hours flown".

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

December 1969

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	No. 477,839	79,107	9,258	50,678	13,304	12,715	642,901
Domestic interline .....	" 75,713	9,325	3,570	-	-	-	96,546
Foreign interline .....	"	7,938	-	-	-	-	
Totals(2) .....	" 553,552	96,370	12,828	50,678	13,304	12,715	739,447
<b>Express carried:</b>							
Originated .....	lb. 1,526,635	156,436	21,005	112,738	-	42,393	1,859,207
Domestic interline .....	" -	-	-	-	-	-	-
Foreign interline .....	" -	-	-	-	-	-	-
Totals(2) .....	" 1,526,635	156,436	21,005	112,738	-	42,393	1,859,207
<b>Freight carried:</b>							
Originated .....	" 17,466,547	1,923,767	651,063	934,274	297,048	261,306	21,534,005
Domestic interline .....	" -	47,101	-	-	-	-	47,101
Foreign interline .....	" -	426,911	-	-	-	-	426,911
Totals(2) .....	" 17,466,547	2,397,779	651,063	934,274	297,048	261,306	22,008,017
<b>Excess baggage carried:</b>							
Originated .....	" ..	33,641	24,712	29,658	25,415	-	113,426
Domestic interline .....	" ..	-	-	-	-	-	-
Foreign interline .....	" ..	-	-	-	-	-	-
Totals(2) .....	" ..	33,641	24,712	29,658	25,415	-	113,426
<b>Mail carried:</b>							
Originated .....	" 5,510,910	435,689	393,539	336,082	78,559	47,183	6,801,962
Domestic interline .....	" -	-	-	-	-	-	-
Foreign interline .....	" -	-	-	-	-	-	-
Totals(2) .....	" 5,510,910	435,689	393,539	336,082	78,559	47,183	6,801,962

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

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

December 1969

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Unit toll:							
Departures .....	No. 2,274	848	994	161	4,277	14,362	18,639
Hours flown .....	" 3,376	3,810	2,860	957	11,003	18,285	29,288
Miles scheduled .....	" 1,148,490	1,803,934	1,250,845	475,628	4,678,897	5,696,495	10,375,392
Miles flown:							
Scheduled - Regular .....	" 1,102,031	1,735,977	1,236,371	461,737	4,536,116	5,487,610	10,023,726
Extra sections .....	" 17,220	31,414	55,601	5,510	109,745	397,724	507,469
Non-scheduled .....	" -	-	-	-	-	-	-
Totals .....	" 1,119,251	1,767,391	1,291,972	467,247	4,645,861	5,885,334	10,531,195
Ratio of regular miles flown to miles scheduled .....	96.0	96.2	98.8	97.1	96.9	96.3	96.6
Passengers carried .....	No. ..	..	..	..	199,896	450,064	649,960
Cargo carried .....	lb. ..	..	..	..	9,024,396	13,056,017	22,080,413
Mail carried .....	" ..	..	..	..	1,040,767	4,938,285	5,979,052
Passenger-miles .....	No. 58,456,236	113,330,885	97,336,398	37,324,782	306,448,301	328,460,777	634,909,078
Available seat-miles on scheduled services	" 124,028,057	228,602,845	192,089,865	96,259,369	640,980,136	574,496,498	1,215,476,634
Passenger load factor on scheduled services	47.1	49.6	50.7	38.8	47.8	57.2	52.2
Goods ton-miles:							
Express .....	No. 40,941	-	-	-	40,941	708,573	749,514
Freight .....	" 1,015,958	7,362,422	1,929,626	1,018,660	11,326,666	7,241,053	18,567,719
Excess baggage .....	" 16	17,952	21,579	16,977	56,524	2,697	59,221
Mail .....	" 79,501	759,302	236,149	422,617	1,497,569	2,408,347	3,905,916
Totals .....	" 1,136,416	8,139,676	2,187,354	1,458,254	12,921,700	10,360,670	23,282,370
Available ton-miles on scheduled service ....	" 17,314,061	42,177,958	28,476,748	13,259,308	101,228,075	91,365,016	192,593,091
Weight load factor on scheduled services(1)	40.3	46.2	41.9	39.1	43.0	47.3	45.1
Bulk:							
Departures .....	No. 328	118	71	14	531	..	..
Hours flown .....	" 493	576	206	93	1,368	..	..
Miles flown .....	" 143,535	288,943	89,892	45,453	567,823	..	..
Passengers carried .....	" 3,381	6,472	3,009	999	13,861	..	..
Goods carried .....	lb. 35,240	1,257,815	121,467	-	1,414,522	..	..
Passenger-miles(2) .....	No. 4,849,125	25,983,911	9,987,599	4,675,185	45,495,820	..	..
Goods ton-miles(2) .....	" 61,609	19,326,772	158,249	-	19,546,630	..	..
Total:							
Departures .....	" 2,602	966	1,065	175	4,808	..	..
Hours flown .....	" 3,869	4,386	3,066	1,050	12,371	..	..
Miles flown .....	" 1,262,786	2,056,334	1,381,864	512,700	5,213,684	..	..
Passengers carried .....	" ..	..	..	..	213,757	..	..
Goods carried .....	lb. ..	..	..	..	11,479,685	..	..
Passenger-miles(2) .....	No. 63,305,361	139,314,796	107,323,997	41,999,967	351,944,121	..	..
Goods ton-miles(2) .....	" 1,198,025	27,466,448	2,345,603	1,458,254	32,468,330	..	..

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

December 1969

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
<b>Passengers carried:</b>						
Unit toll ..... No.	172,887	145,312	318,199	36,542	26,365	62,907
Bulk ..... "	1,596	1,330	2,926	2,474	361	2,835
Totals ..... "	174,483	146,642	321,125	39,016	26,726	65,742
<b>Freight, express and excess baggage carried:</b>						
Unit toll ..... lb.	1,774,824	5,934,947	7,709,771	2,232,474	7,279,306	9,511,780
Bulk ..... "	99,180	-	99,180	2,316,209	260,040	2,576,249
Totals ..... "	1,874,004	5,934,947	7,808,951	4,548,683	7,539,346	12,088,029
Mail carried (unit toll) ..... "	317,792	1,335,327	1,653,119	467,634	469,115	936,749
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
<b>Passengers carried:</b>						
Unit toll ..... No.	23,702	13,750	37,452	233,131	185,427	418,558
Bulk ..... "	695	338	1,033	4,765	2,029	6,794
Totals ..... "	24,397	14,088	38,485	237,896	187,456	425,352
<b>Freight, express and excess baggage carried:</b>						
Unit toll ..... lb.	729,194	411,364	1,140,558	4,736,492	13,625,617	18,362,109
Bulk ..... "	121,467	-	121,467	2,536,856	260,040	2,796,896
Totals ..... "	850,661	411,364	1,262,025	7,273,348	13,885,657	21,159,005
Mail carried (unit toll) ..... "	178,700	165,730	344,430	964,126	1,970,172	2,934,298
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
<b>Passengers carried:</b>						
Unit toll ..... No.	113,515	85,116	198,631	119,616	100,311	219,927
Bulk ..... "	2,574	1,480	4,054	2,191	549	2,740
Totals ..... "	116,089	86,596	202,685	121,807	100,860	222,667
<b>Freight, express and excess baggage carried:</b>						
Unit toll ..... lb.	2,594,694	6,302,245	8,896,939	2,141,798	7,323,372	9,465,170
Bulk ..... "	660,022	218,440	878,462	1,876,834	41,600	1,918,434
Totals ..... "	3,254,716	6,520,685	9,775,401	4,018,632	7,364,972	11,383,604
Mail carried (unit toll) ..... "	633,897	406,266	1,040,163	330,229	1,563,906	1,894,135

(1) Passengers and goods in transit through Canada are excluded.



TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

December 1969

Type of service:	Fixed-wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$	No.	\$	No.	\$
Flying training .....	5,345	118,087	112,255	2,413,034	350	20,243	3,417	275,352
Recreational flying .....	686	21,094	16,717	420,262	64	7,051	913	88,047
Aerial photography and survey(1) ...	840	109,324	14,524	1,632,917	11	1,251	1,489	268,287
Aerial photography .....	17	1,407	2,841	120,701	9	1,270	64	7,081
Aerial inspection, reconnaissance and advertising(2) .....	638	45,786	23,769	2,124,489	582	132,267	13,371	1,974,127
Aerial application & distribution(3) ..	60	3,683	5,339	1,002,414	11	2,285	807	172,939
Aerial control .....	-	-	5,062	1,398,653	-	-	1,236	139,774
Aerial construction .....	-	-	-	-	3	663	28	5,792
Air ambulance and mercy services ...	-	-	45	4,717	1	221	25	2,358
Aircraft rental .....	848	16,848	21,520	412,073	-	-	405	27,251
Non-transportation charter .....	38	3,263	2,555	169,486	40	4,330	2,805	325,332
Totals .....	8,472	319,492	204,627	9,698,746	1,071	169,581	24,560	3,286,340

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

December 1969

	Carriers operating helicopters only		Carriers operating both helicopters and fixed-wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 22	...	8	...	30	...
Helicopters - Owned .....	" 291	234	31	35	322	269
Leased .....	" 10	27	7	4	17	31
Totals .....	" 301	261	38	39	339	300
Revenue hours flown - Unit toll .....	" -	-	-	-	-	-
Bulk .....	" 3,579	130,366	731	14,032	4,310	144,398
Specialty .....	" 881	16,191	190	8,369	1,071	24,560
Totals .....	" 4,460	146,557	921	22,401	5,381	168,958
Non-revenue hours flown .....	" 181	5,135	17	544	198	5,679
Fuel and oil consumed:						
Gasoline .....	gal. 96,861	2,976,005	6,328	412,064	103,189	3,388,069
Cost .....	\$ 42,983	1,482,190	3,070	176,280	46,053	1,658,470
Oil .....	gal. 976	41,409	148	5,129	1,124	46,538
Cost .....	\$ 1,916	89,548	247	19,897	2,163	109,445
Average number of employees:						
Pilots .....	No. 230	261	17	28	247	288
Administrative .....	" 100	123	1	1	101	124
Maintenance labour .....	" 229	253	11	19	240	273
Other personnel .....	" 14	27	-	-	14	27
Totals .....	" 573	664	29	48	602	712
Salaries and wages:						
Pilots .....	\$ 230,053	3,042,338	15,852	286,417	245,905	3,328,755
Administrative .....	\$ 92,903	1,118,636	600	7,871	93,503	1,126,507
Maintenance labour .....	\$ 180,573	2,170,642	6,214	134,868	186,787	2,305,510
Other personnel .....	\$ 6,489	168,633	-	1,896	6,489	170,529
Totals .....	\$ 510,018	6,500,249	22,666	431,052	532,684	6,931,301



TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
December 1969

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	550,613	18,721,079
Total transportation .....	550,613	18,721,079
Other flying services .....	139,211	2,329,512
Total flying services .....	689,824	21,050,591
Non-flying services .....	34,421	575,638
Total operating revenues .....	724,245	21,626,229
Operating expenses:		
Flying operations .....	430,493	8,305,720
Maintenance .....	517,793	6,772,018
General service and administration .....	411,859	2,722,174
Depreciation and amortization .....	187,677	1,824,882
Total operating expenses .....	1,547,822	19,624,794
Operating income (deficit) .....	Dr. 823,577	2,001,435
Non-operating income:		
Capital gains and losses .....	48,656	6,943
Interest and discounts .....	3,844	22,684
Miscellaneous non-operating income .....	267	Dr. 8,533
Income before interest expense .....	Dr. 770,810	2,022,529
Interest expense .....	45,860	695,658
Income before income taxes .....	Dr. 816,670	1,326,871
Provision for income taxes .....	Cr. 88,480	303,642
Net income after income taxes .....	Dr. 728,190	1,023,229

TABLE 11. Operating Statistics, Canadian Group V Carriers  
December 1969

	Quarter	Year to date
Reporting carriers .....	No. 304	...
Transportation:		
Hours flown .....	" 21,353	120,418
Passengers carried .....	" 39,427	231,361
Goods carried .....	lb. 3,696,724	22,176,644
Specialty flying services:		
Flying training .....	hr. 40,691	204,738
Recreational flying .....	" 5,966	32,179
Aerial photography and survey(1) .....	" 447	3,200
Aerial photography .....	" 29	206
Aerial inspection, reconnaissance and advertising(2) .....	" 2,409	14,792
Aerial application and distribution .....	" 35	7,693
Aerial control(3) .....	" 11	1,188
Aerial construction .....	" -	-
Air ambulance and mercy services .....	" -	35
Aircraft rental .....	" 5,921	30,184
Non-transportation charter .....	" 186	2,090
Totals .....	" 55,695	296,305
Total - All services:		
Revenue hours flown .....	No. 77,048	416,723
Non-revenue hours flown .....	" 3,170	16,461

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

CIVIL AVIATION DEFINITIONS

- Available seat-miles: Aircraft miles flown multiplied by the number of seats on the aircraft, representing the total passenger-Carrying capacity offered.
- Available ton-miles: Aircraft miles flown multiplied by the weight capacity of the aircraft, representing the load-carrying capacity offered for passengers and goods.
- Bulk transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 4 or 9-4, Charter licences: Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of all or part of the capacity of an aircraft.
- Class 5 or 9-5, Contract licences: Transportation not available to the public performed in accordance with one or more specific contracts.
- Cargo: Property carried on an aircraft other than mail, stores and baggage. Cargo comprises freight and express.
- Departures: Take-offs of revenue transportation flights (unit toll and charter and contract services only) including non-scheduled take-offs after operational stops.
- Division interline traffic: The number of passengers and pounds of goods transferred from one division of a carrier's system to another division of the same carrier's system.
- Domestic interline traffic: The number of passengers and pounds of goods transferred at Canadian points from one Canadian air carrier to another.
- Excess baggage: Baggage which in terms of weight, number of pieces or size exceeds the free baggage allowance stated in the air carrier's tariffs and for which a charge is levied according to the carrier's tariff.
- Express: Property receiving priority shipment within North America including door-to-door service on the ground. This service is performed at premium rates.
- Foreign interline traffic: The number of passengers and pounds of goods transferring to/from Foreign Air Carriers at Canadian points carried or to be carried over the Canadian carrier's mainline routes.
- Freight: Property carried on flights at published tariff rates per unit.
- Goods: Cargo, mail and excess baggage.

- Goods ton-miles: A ton-mile represents the carriage of one ton of goods for one mile. Ton-mileage is the sum of the number of aircraft miles flown with each ton of goods.
- Group I carriers: Canadian air carriers licenced to perform domestic and international scheduled services (Air Canada and CP Air).
- Group II carriers: Canadian air carriers other than Group I carriers licenced to perform domestic scheduled services. (Nordair Ltd. is considered to be in Group III for statistical purposes.
- Group III carriers: Canadian air carriers not included in Groups I and II with either annual unit toll and bulk transportation revenues of over \$500,000 or unit toll revenues of over \$150,000.
- Group IV carriers: As of January 1, 1969, Canadian air carriers not included in Groups I, II and III, with gross annual flying revenues of over \$150,000.
- Group V carriers: As of January 1, 1969, Canadian air carriers with gross annual flying revenues of less than \$150,000.
- Mainline service: A unit toll operation usually having a considerable degree of regularity and where in most cases only aircraft of over 18,000 lbs. authorized take-off weight are used and where the service is generally listed in a published timetable and performed according to a filed service pattern.
- Mile: Statue mile of 5,280 ft.
- Non-scheduled carrier: Any carrier having a Class 2, 9-2, 3 or 9-3 licence to perform regular or irregular unit toll service to specified points. Class 1 or Class 8 licencees are considered to be scheduled carriers.
- Pacific and Orient services: Services between Canada and points in the Pacific and Orient including Japan, China, Australia, New Zealand and Hawaii.
- Passenger load factor: Revenue passenger-miles expressed as a percentage of the available seat-miles, excluding those seats not available for the carriage of passengers because of the weight of fuel or other load.
- Passenger-miles: A passenger-mile represents the carriage of one passenger one mile. Passenger-mileage is obtained by adding together the number of miles each passenger is carried.
- Revenue passenger: Person receiving air transportation from carrier for which a fare is collected. Infants paying 10% of adult fare are not counted.
- Revenue passenger ton-mile: One ton of passenger weight transported one mile for which fare is collected. Passenger weight is 200 lbs. comprising the passenger and his free baggage allowance.

- Scheduled carrier:** Any airline having a Class 1 or Class 8 licence to perform scheduled unit toll operations. It should be noted that a scheduled carrier may also operate services under authority of Class 2, 9-2, or 3 or 9-3 licences which are considered to be non-scheduled. (see Unit toll transportation.)
- Scheduled miles:** This term relates to the number of miles scheduled as per time-tables but not necessarily actually flown on unit toll services.
- Southern services:** Services between Canada and Bermuda, the Caribbean, Mexico, Central and South American.
- Specialty flying:** Revenue flying services performed for special purposes other than the transportation of passengers and goods.
- Ton:** Short ton of 2,000 lbs.
- Trans-Atlantic and Polar services:** Services between Canada and Europe.
- Transborder services:** Services between Canada and the United States except Hawaii but including Alaska.
- Unit toll transportation:** Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 1 or Class 8; Scheduled service licences:  
Public transportation of persons and/or goods between designated points in accordance with a service schedule and at a price per passenger per mile or per pound per mile.
  - Class 2 or Class 9-2, Regular specific point licences:  
Public transportation of persons and/or goods between designated points on a route pattern and with some degree of regularity, at a price per person per mile or per pound per mile.
  - Class 3 or Class 9-3, Irregular specific point licences:  
Public transportation of persons and/or goods from a designated base serving a defined area or specific point or points at a price per person per mile or per pound per mile.
- Weight load factor:** Sum of revenue goods ton-miles and revenue passenger ton-miles as a proportion of available ton-miles.





100-100000



STATISTICS CANADA LIBRARY  
BIBLIOTHEQUE STATISTIQUE CANADA



1010549090