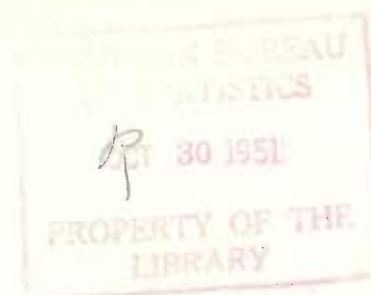


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C. 3 DOMINION BUREAU OF STATISTICS — DEPARTMENT OF TRADE AND COMMERCE
CANADA



THE AIRCRAFT AND PARTS INDUSTRY 1950

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Prepared in the Mining, Metallurgical and Chemical Section
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NOTICE

The Industry and Merchandising Division of the Bureau of Statistics collects and compiles figures on (a) the primary industries in Canada—mining, forestry and fishing; (b) manufacturing; (c) construction, and (d) merchandising and services.

For the purpose of annual compilation and publication, the manufacturing industries have been classified into major groups, prefaced by two reports of a general nature, as follows:

- I Summary Report on Manufacturing Industries
- II Manufacturing Industries by Geographical Distribution
- III Foods and Beverages
- IV Tobacco and Tobacco Products
- V Rubber Products
- VI Leather Products
- VII Miscellaneous Manufactures
- VIII Textiles
- IX Wood and Paper Products
- X Printing Trades
- XI Operations in the Woods
- XII Iron and Steel Products
- XIII Transportation Equipment
- XIV Non-ferrous Metal Products
- XV Electrical Apparatus and Supplies
- XVI Non-metallic Mineral Products
- XVII Products of Petroleum and Coal
- XVIII Chemicals and Allied Products

The present report belongs in Group XIII, Transportation Equipment. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A General Review, 25¢.
- B The Aircraft and Parts Industry, 25¢.
- C The Bicycle Manufacturing Industry, 25¢.
- D The Boat Building Industry, 25¢.
- E The Motor Vehicles Industry, 25¢.
- F The Motor Vehicle Parts Industry, 25¢.
- G The Railway Rolling Stock Industry, 25¢.
- H The Shipbuilding Industry, 25¢.
- I Miscellaneous Transportation Equipment, 25¢.

THE AIRCRAFT AND PARTS INDUSTRY

1950

The aircraft and parts industry, as reviewed in this report, is made up of the primary assembly plants and also the establishments which were occupied solely or chiefly in making aircraft parts.

Production from this industry in 1950 amounted to \$55,287,621, a decline of 9.5 per cent from the \$61,099,075 reported in 1949. Workers employed by the 15 plants in this group

numbered 10,549 and \$30,174,821 were paid in salaries and wages. The amount paid for materials for use in manufacturing was \$18,149,951 and the amount paid for fuel and power was \$1,209,143.

In the 4 assembly plants which constitute the core of the industry, there were 8,929 workers in 1950, and production, including 85 complete aircraft, was valued at \$45,714,677.

TABLE 1. Principal Statistics of the Aircraft and Parts Industry, 1946-1950

Year	Number of plants	Number of employees	Salaries and wages for year	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
			\$	\$	\$	\$
1946	16	11,405	24,459,085	787,180	6,708,468	36,210,906
1947	12	9,374	21,422,060	749,639	16,190,747	44,303,576
1948	11	8,049	19,829,987	833,111	18,287,931	45,600,172
1949	14	10,725	27,443,498	1,070,016	24,315,084	61,099,075
1950	15	10,549	30,174,821	1,209,143	18,149,951	55,267,621
Per cent change: 1950 from 1949	-	- 1.6	+ 10.0	+ 13.0	- 25.4	- 9.5

Note. Profits or losses cannot be calculated from above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

TABLE 2. Principal Statistics, by Subdivisions of Industry, 1949 and 1950

	Number of plants	Number of employees	Salaries and wages for year	Cost of fuel and electricity at works	Cost of materials at works	Selling value of products at works
			\$	\$	\$	\$
1949						
Assembly plants	5	9,568	24,716,007	899,730	21,783,983	55,277,272
Parts plants only	9	1,157	2,727,491	170,286	2,531,101	5,821,803
Total	14	10,725	27,443,498	1,070,016	24,315,084	61,099,075
1950						
Assembly plants	4	8,929	26,179,576	1,003,859	14,843,388	45,714,677
Parts plants only	11	1,620	3,995,245	205,284	3,306,563	9,552,944
Total	15	10,549	30,174,821	1,209,143	18,149,951	55,267,621

TABLE 3. Principal Statistics, by Provinces, 1949 and 1950

Province	Number of plants	Number of employees	Salaries and wages for year	Cost of fuel and electricity at works	Cost of materials at works	Selling value of products at works
			\$	\$	\$	\$
1949						
Nova Scotia	1	5,998	15,195,423	463,806	17,480,698	39,617,291
Quebec	5					
Ontario	5	4,727	12,248,075	606,210	6,834,386	21,481,154
Manitoba	2					
Alberta	1					
Canada	14	10,725	27,443,498	1,070,016	24,315,084	61,099,075
1950						
Nova Scotia	1	5,066	14,780,893	431,173	9,971,804	28,523,850
Quebec	5					
Ontario	6	5,483	15,393,928	777,970	8,178,147	26,743,771
Manitoba	2					
Alberta	1					
Canada	15	10,549	30,174,821	1,209,143	18,149,951	55,267,621

TABLE 4. Products made in the Aircraft and Parts Industry, 1949 and 1950

Product	1949		1950	
	Quantity	Selling value at works	Quantity	Selling value at works
	Number	\$	Number	\$
Total aircraft completed in year	117	22,931,615	85	2,666,348
Aircraft being built, but not completed at year end (value of work done)	—	676,394*	—	17,085,935
Repairs to aircraft (value of work done)	—	9,277,148	—	10,238,619
Aircraft parts manufactured	—	13,351,467	—	7,458,266
All other products manufactured, including value of work done on developing aircraft and engines	—	15,847,595*	—	19,133,770
Total Gross Production	—	62,084,219*	—	56,582,938
Less value of work done in previous year on aircraft completed in current year ..	—	985,144*	—	1,315,317
Total Net Production	—	61,099,075	—	55,267,621

* Revised.

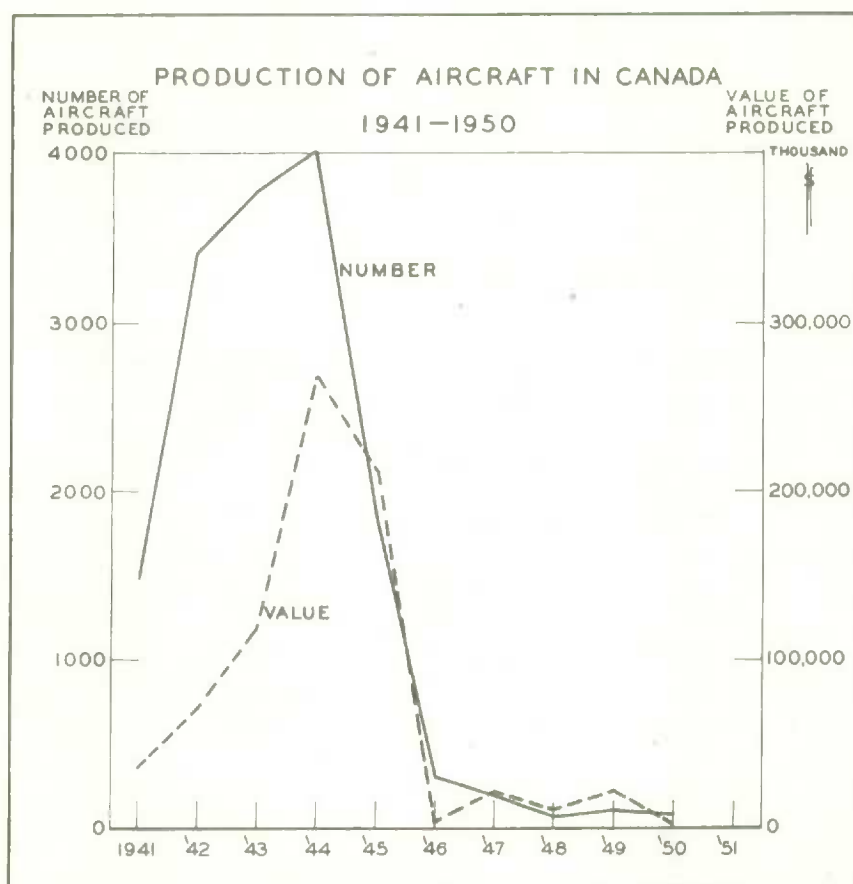


TABLE 5. Production of Aircraft in Canada, 1941-1950

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1941	1,466	35,348,343	1946	308	3,700,453
1942	3,409	70,274,104	1947	199	20,305,382
1943	3,792	119,432,707	1948	65	11,816,393
1944	4,095	269,879,520	1949	117	22,931,615
1945	1,822	211,861,554	1950	85	2,666,348

TABLE 6. Imports of Aircraft and Complete Parts Thereof, not Including Engines, 1949 and 1950

Item	1949		1950	
	Number	Value	Number	Value
		\$		\$
Aircraft not over 1,500 lb. wt.:				
From United States	84	182,563	66	217,404
Aircraft 1,501 to 3,000 lb. wt.:				
From United States	12	95,448	16	94,973
Aircraft 3,001 to 7,500 lb. wt.:				
From United Kingdom	—	—	2	81,347
From United States	2	130,944	5	130,188
Aircraft over 7,500 lb. wt.:				
From United States	1	118,014	26	691,220
Total aircraft	99	526,969	115	1,215,132
Aircraft parts	—	12,729,159	—	9,727,274

TABLE 7. Imports of Aircraft Engines and Complete Parts, 1949 and 1950

Item	1949		1950	
	Number	Value	Number	Value
		\$		\$
Engines, aircraft, up to 200 h.p.:				
From United Kingdom	28	61,117	76	107,617
From United States	106	87,267	88	80,760
Engines, aircraft, 201 to 500 h.p.:				
From United Kingdom	—	—	11	43,459
From United States	15	35,351	26	49,212
Engines, aircraft, 501 to 1,000 h.p.:				
From Newfoundland	1	867	—	—
From United States	4	49,645	91	296,585
Engines, aircraft, over 1,000 h.p.:				
From United Kingdom	157	5,054,699	40	1,010,733
From United States	8	145,397	273	1,860,101
Total aircraft engines	319	5,434,343	605	3,448,467
Parts of aircraft engines	—	4,320,078	—	4,427,620

TABLE 8. Exports and Re-Exports of Aircraft and Parts, 1949 and 1950

		1949	1950
EXPORTS¹			
Aircraft	No. 112		68
	\$	18,666,132	789,376
Aircraft parts	\$	6,268,396	3,593,853
Total exports	\$	24,934,528	4,383,229
RE-EXPORTS²			
Aircraft	No. 13		19
	\$	85,833	174,573
Aircraft parts	\$	2,773,945	1,476,403
Total re-exports	\$	2,859,778	1,650,976

1. Made in Canada.

2. Foreign-made goods re-exported.



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TRANSPORTATION EQUIPMENT

TABLE 9. Employees and Their Earnings in the Aircraft and Parts Industry, 1948-1950

Year	Number of Employees					Earnings		
	Supervisory and office		Production and related workers		Total employees	Supervisory and office	Production and related workers	Total earnings
	Male	Female	Male	Female				
						\$	\$	\$
1948	1,848	557	5,480	164	8,049	6,935,128	12,894,859	19,829,987
1949	2,522	721	7,237	245	10,725	9,496,511	17,946,987	27,443,498
1950	2,735	845	6,764	205	10,549	11,447,778	18,727,043	30,174,821

Directory of Firms in the Aircraft and Parts Industry, 1950

Name of firm	Location of plant
Nova Scotia:	
Falrey Aviation Co. of Canada Ltd.	Eastern Passage
Quebec:	
Aviation Electric Limited	3483 Park Ave., Montreal
Canadian Car & Foundry Company Limited*	Montreal
Canadian Pratt & Whitney Aircraft Co. Ltd.	150 Lorne Ave., Longueuil
Canadian Wright Limited	6259 Notre Dame St. E., Montreal
Canadair Limited*	Montée St. Laurent, St. Laurent
Ontario:	
Central Aircraft Limited	Malton
De Havilland Aircraft of Canada, Limited*	Sheppard Ave., Downsview
Dowty Equipment of Canada, Limited	Ajax
Prencos Progress & Eng. Corp. Ltd.	72-74 Stafford St., Toronto
Roe, A. V., Canada Limited*	Malton
Found Brothers Aviation Ltd.	Malton
Manitoba:	
MacDonald Bros. Aircraft Limited	Stevenson Field, Winnipeg
Prairie Equipment & Radiators Limited	310 Burnell St., Winnipeg
Alberta:	
Northwest Industries Limited	Municipal Airport, Edmonton

Note. This is not intended to be a complete directory of firms which make aircraft and parts. It is merely a list of the concerns which have been classified to this industry for statistical purposes. It includes the main assembly plants and also the firms which were occupied solely or chiefly in making aircraft parts. The assembly plants are indicated by an (*).