

## 9.—Employees and Salaries and Wages in Civil Aviation, 1957 and 1958

Year and Class of Employee	Scheduled		Non-scheduled		Totals	
	Em- ployees	Salaries and Wages	Em- ployees	Salaries and Wages	Em- ployees	Salaries and Wages
	No.	\$	No.	\$	No.	\$
<b>1957</b>						
General officers.....	857	6,546,703	137	1,038,021	994	7,584,724
Clerks.....	1,783	5,926,744	261	967,190	2,044	6,893,934
Pilots.....	927	9,260,522	688	4,423,416	1,615	13,683,938
Co-pilots.....	195	1,220,984	90	430,293	285	1,651,277
Despatchers.....	148	826,673	50	181,599	198	1,008,272
Communication operators.....	816	2,786,282	51	176,932	867	2,963,214
Stewards or other attendants.....	681	2,531,628	11	38,766	692	2,570,394
Air engineers.....	659	3,927,710	337	1,707,046	996	5,634,756
Mechanics.....	2,515	11,884,951	525	1,867,218	3,040	13,752,169
Airport employees.....	2,241	8,522,160	141	333,316	2,382	8,855,476
Stores employees.....	360	1,313,886	78	243,958	438	1,557,844
Other employees.....	2,053	8,148,139	410	1,009,419	2,463	9,157,558
<b>Totals, 1957<sup>1</sup></b> .....	<b>13,235</b>	<b>62,896,382</b>	<b>2,779</b>	<b>12,417,174</b>	<b>16,014</b>	<b>75,313,556</b>
<b>1958</b>						
General officers.....	926	7,285,884	148	1,180,004	1,074	8,465,888
Clerks.....	1,801	6,275,958	230	892,594	2,031	7,168,552
Pilots.....	960	10,126,764	625	3,999,870	1,585	14,126,634
Co-pilots.....	157	1,167,680	50	359,210	207	1,526,890
Despatchers.....	139	784,636	44	200,358	183	984,994
Communication operators.....	800	2,969,762	32	119,301	832	3,089,063
Stewards or other attendants.....	806	3,121,070	13	43,456	819	3,164,526
Air engineers.....	691	4,197,989	278	1,558,145	969	5,756,134
Mechanics.....	2,561	12,627,066	439	1,708,395	3,020	14,335,461
Airport employees.....	2,241	9,284,138	107	280,496	2,348	9,564,634
Stores employees.....	355	1,362,033	76	222,861	431	1,584,894
Other employees.....	2,123	9,284,135	368	1,183,340	2,491	10,467,475
<b>Totals, 1958</b> .....	<b>13,580</b>	<b>68,487,115</b>	<b>2,410</b>	<b>11,748,030</b>	<b>15,990</b>	<b>80,235,145</b>

<sup>1</sup> Excludes employees of foreign carriers domiciled in Canada.

## PART VI.—OIL AND GAS PIPELINES

A special article covering the history and development of pipeline construction in Canada appears in the 1954 Year Book at pp. 861-869. Additional information has been carried in each succeeding edition and the following Section brings pipeline development up to the end of 1959.

## Section 1.—Pipeline Developments\*

**Oil Pipelines.**—The growth of the oil pipeline transportation industry parallels the development of petroleum resources in Canada. Although various small diameter pipelines were built as early as 1875 in Ontario and 1925 in Alberta, almost all of the pipeline systems now in operation were constructed following the Leduc oil discovery in 1947 which ushered in the modern era of the Canadian oil and gas industry.

Except for the completion of one new pipeline from the Swan Hills area to Edmonton, built by Federated Pipe Lines Limited, there was very little oil pipeline construction in 1959. Most oil pipeline construction took place in Alberta and consisted of extensions to gathering systems. These extensions were made up largely of 40 miles of line from 12-inch to two-inch in the Swan Hills area and about 40 miles of small diameter line in the Pembina field. In addition to these, a six-inch condensate line was constructed from the gas-processing plant at Windfall to the Trans Mountain pipeline at Bickerdike pump station west of Edson. In Saskatchewan, Producers Pipeline Limited—Westspur Pipe Line

\* Prepared under the direction of Dr. Marc Boyer, Deputy Minister of the Department of Mines and Technical Surveys, by R. A. Simpson, Mineral Resources Division.