

Employees and Salaries and Wages.—The numbers of civil air personnel licensed in recent years are shown in Table 4, p. 842. However, the figures in Table 9 include pilots and engineers in the employ of the Federal Government and of private individuals as well as those not employed at all in the ordinary sense.

9.—Employees and Salaries and Wages in Civil Aviation, 1958 and 1959

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.	\$
1958						
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.....	2,581	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
Totals, 1958.....	13,580	68,487,115	2,410	11,748,930	15,990	80,235,145
1959						
General officers.....	957	8,088,893	145	1,189,758	1,102	9,278,651
Clerks.....	1,978	7,118,839	189	625,521	2,167	7,744,360
Pilots.....	975	10,711,975	637	4,028,589	1,612	14,740,564
Co-pilots.....	177	1,363,752	60	539,627	237	1,903,379
Despatchers.....	135	828,478	72	332,166	207	1,160,644
Communication operators.....	393	1,457,047	34	137,371	427	1,594,418
Stewards or other attendants.....	911	3,673,445	18	60,023	929	3,733,468
Air engineers.....	683	4,344,932	307	1,636,273	990	5,981,205
Mechanics.....	2,601	13,391,351	450	1,740,926	3,051	15,132,277
Airport employees.....	2,469	10,333,427	117	292,061	2,586	10,625,488
Stores employees.....	349	1,400,823	61	223,012	410	1,623,835
Other employees.....	2,688	12,095,944	159	534,207	2,847	12,630,151
Totals, 1959¹.....	14,316	74,808,906	2,249	11,339,534	16,565	86,148,440

¹ 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 1960.

Section 1.—Pipeline Developments*

Oil Pipelines.—The rapid development of Canadian oil fields in the past dozen years has necessitated a corresponding growth of crude oil pipeline systems to gather the oil and transport it to market areas. Although there were small-diameter oil pipelines in Ontario in 1875 and in Alberta by 1925, almost the entire present pipeline system has been constructed since the discovery of oil at Leduc, Alta., in 1947.

* Prepared under direction of Dr. Marc Boyer, Deputy Minister of Mines and Technical Surveys, in the Mineral Resources Division.