

9.—Value of Construction Work Performed by Type of Structure 1954-56—concluded

Type	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Engineering Construction—concluded									
Gas and Oil Facilities—concluded									
Pumping stations, gas....	1,026	22	1,048	367	56	423	284	51	335
Oil storage tanks.....	14,185	1,759	15,944	14,487	1,883	16,370	15,653	2,353	18,006
Gas storage tanks.....	2,196	943	3,139	817	470	1,287	1,414	50	1,464
Oil pipelines.....	47,400	2,120	49,520	16,889	1,144	18,033	15,130	857	15,987
Gas pipelines.....	13,185	1,069	14,254	22,175	512	22,687	128,384	802	129,186
Oil wells.....	87,598	2,179	89,777	117,291	2,436	119,727	139,191	3,291	142,482
Gas wells.....	8,273	245	8,518	15,815	285	16,100	23,094	378	23,472
Oil-refinery processing units.....	54,602	13,849	68,451	80,013	14,961	94,974	70,600	14,321	84,921
Natural gas cleaning plants.....	3,065	89	3,154	2,114	161	2,275	7,434	108	7,542
Other Engineering Construction.....	114,304	46,522	160,826	123,469	42,796	166,265	173,937	45,976	219,913
Bridges, trestles, culverts, overpasses, viaducts....	55,319	22,924	78,243	63,636	21,326	84,962	89,471	23,058	112,529
Tunnels and subways....	7,571	440	8,011	3,882	413	4,295	5,169	488	5,657
Incinerators.....	5,184	368	5,552	3,902	655	4,557	3,788	723	4,511
Park systems, landscaping, sodding, etc.....	4,525	5,404	9,929	3,966	3,198	7,164	4,207	3,381	7,588
Swimming pools, tennis courts, outdoor recreation facilities.....	4,437	1,199	5,636	3,890	937	4,827	3,908	1,084	4,992
Mine shafts and other below surface workings	19,919	2,351	22,270	22,825	2,176	25,001	45,345	2,043	47,388
Fences, snowsheds, signs, guard rails.....	5,757	11,028	16,785	5,727	10,108	15,835	6,572	10,856	17,428
Miscellaneous engineering	11,592	2,808	14,400	15,641	3,983	19,624	15,477	4,343	19,820
Totals, Engineering Construction.....	1,322,218	487,258	1,809,476	1,454,638	457,291	1,911,929	1,999,322	525,245	2,524,567
Grand Totals, Construction.....	3,700,101	1,023,266	4,723,367	4,273,296	1,012,255	5,285,551	5,161,202	1,109,627	6,270,829

Principal statistics of the construction industry are shown by province and for contractors, utilities, governments and others in Table 10. The statistics given for Canada as a whole may be considered as relatively accurate but those given for individual provinces and by class of builder are approximations only. All estimates given for average numbers employed, earnings, and cost of materials used are based on ratios of these items to total value of work performed, derived from survey work done in 1955 and applied to the total value-of-work figures. Although these ratios were calculated in some detail by type of industry still further refinements are required. There are also some difficulties in obtaining the precise geographical location of projects undertaken or to be undertaken by large companies operating in a number of provinces. However if used with these qualifications in mind the table provides useful estimates.

In using the employment data, it is also of value to have a knowledge of the methods used in collecting the basic information on which the estimates are calculated. Respondents are requested to report the total number on payroll during the last pay period of the month; additions of the monthly data are divided by 12 to compute the annual averages. Thus the resulting figures are representative of the total number of employees working full time throughout the year. The total number on the payroll at any given time may of course be above or below this average.