

## TELEGRAPHS AND TELEPHONES

year ended June 30, 1916, was 10,835,936, as compared with 9,952,135 in 1915. Cablegrams numbered 1,134,905, as compared with 977,389 in 1915. Employees in the service of telegraph organizations numbered 6,581, of whom 3,935 were male and 479 were female operators; other officers and employees numbered 2,167. Salaries and wages amounted to \$2,898,230, as compared with \$2,946,327 in 1915. The aggregate of salaries and wages in 1916 was equal to 68.9 p.c. of operating expenses, as compared with 71.3 p.c. in 1915.

**Wireless Telegraph Coast Stations.**—Table 61 shows the name, situation and range in nautical miles of the radiotelegraph or wireless telegraph coast stations, as operated by the Department of the Naval Service, and Table 63 the number of messages and words handled and the cost of maintenance for the stations of the east and west coasts and of the Great Lakes. For the year 1915-16 the total number of messages was 161,477, as compared with 179,276 in 1914-15, and of words handled 2,797,062, as compared with 3,381,504 in 1914-15. Table 62 gives the names of the Canadian Government steamers that are equipped with radiotelegraphic apparatus, with the range of miles for each steamer. The range is from 100 to 200 miles in the case of the Canadian Government steamers, whilst the two war vessels, the Niobe and the Rainbow, have a range respectively of 400 and 250 miles.

## TELEPHONES.

The Report for 1916 of the Department of Railways and Canals on Telephone Statistics shows that the number of telephones in Canada in 1916 was 548,421, as compared with 533,090 in 1915, and the wire mileage was 1,600,564 in 1916, as compared with 1,452,360 in 1915. In 1916 the gross revenue from telephones was \$18,594,268, as against \$17,601,673, and the net revenue \$7,447,067, as against \$4,764,958. The number of telephone employees was 15,247, as compared with 15,072, and the salaries and wages amounted to \$7,852,719, as compared with \$8,357,029. The general progress of telephones in Canada since 1913 is shown in Table 64.

60.—Telegraph Statistics of Chartered Companies, 1910-1916.

Companies.	Year.	Miles of line.	Miles of wire.	Number of messages.	Number of offices.
Great Northwestern Telegraph Co..	1910	11,134	50,092	2,907,494	1,183
	1911	10,726	50,568	3,812,159	1,194
	1912 <sup>1</sup>	9,582	46,311	4,400,443	1,175
	1913	9,582	30,134	4,559,972	993
	1914	9,563	30,134	4,756,322	993
	1915 <sup>2</sup>	16,337	50,342	4,627,530	1,335
	1916 <sup>2</sup>	17,696	53,881	5,580,956	1,393

<sup>1</sup>This Company leased its property and plant in New York State to the Western Union Co., which accounts for the reduction in the figures of 1912.

<sup>2</sup>Including the Canadian Northern Railway Co.