

Telegraph Systems.—The Canadian telegraph system is composed of lines owned by the Dominion Government and by chartered railway and telegraph companies. The Government system includes, besides the lines originally constructed by the Government, those previously owned by the Great North Western Telegraph Co., the Grand Trunk Pacific Telegraph Co., the Canadian Northern Railway Co., and the National Transcontinental Railway. The system is now operated by the Great North Western Telegraph Co., under the name Canadian National Telegraph Co.

The Canadian system, in proportion to population, is one of the most extensive in the world, and is maintained despite many considerable climatic and geographic disadvantages. In the operation of railways, the receipt and despatch of market reports and its usefulness to the press, its services to the nation are invaluable.

Submarine Cables.—Six transoceanic cables have a terminus in Canada—five of them on the Atlantic and one on the Pacific coast. The first date on which the cable was shown to be of commercial value was in 1866, and up to the present their use has greatly increased. The Atlantic cables are controlled by English and American interests. The Pacific cable, from Canada to Australia and New Zealand, has been in operation since 1902 and is owned by a partnership of the Governments of Great Britain, New Zealand, Australia and Canada.

Marconi Wireless.—Since the first transatlantic wireless message in 1901 and the organization in Canada of the Marconi Wireless Telegraph Co. in 1903, communication has been established between many stations throughout the country and with the outside world. Plans are at present under way for a wireless route which will encircle the world by means of stations in Canada and other parts of the Empire.

60.—Summary Statistics of all Canadian Telegraphs, for calendar years 1919 and 1920.

| Items. | Year Ended Dec. 31. | |
|----------------------------------|---------------------|------------|
| | 1919. | 1920. |
| Gross Revenue..... | \$ 9,499,358 | 11,337,428 |
| Operating Expenses... | \$ 7,813,259 | 9,589,982 |
| Net Operating Revenue..... | \$ 1,686,099 | 1,747,446 |
| Pole Line Mileage..... | Miles 51,415 | 52,393 |
| Wire Mileage..... | " 214,629 | 238,866 |
| Employees..... | No. 7,606 | 7,508 |
| Number of Offices..... | " 4,536 | 4,825 |
| Messages, Land..... | " 14,200,346 | 15,589,711 |
| Cablegrams..... | " 934,875 | 1,162,204 |
| Amount of Money transferred..... | \$ 895,181 | 7,045,661 |