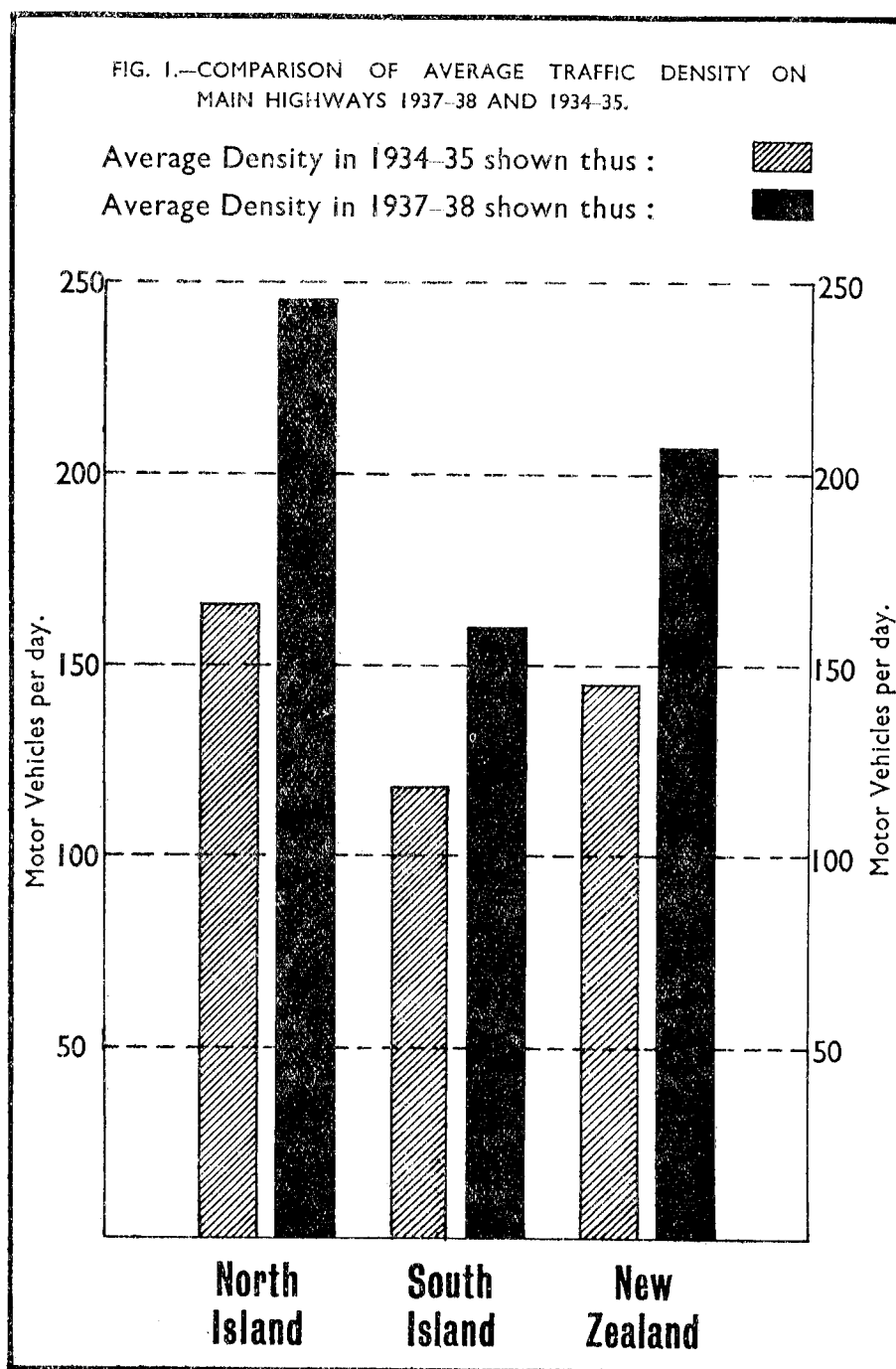


(2) VOLUME OF MOTOR TRAFFIC AND AVERAGE DENSITY ON THE MAIN-HIGHWAY SYSTEM.

The total annual vehicle-mileage on the main-highway system in 1937-38 was 885,293,630, as compared with 593,707,175 vehicle-miles in 1934-35, an increase of practically 50 per cent. At the same time the mileage of the main-highway system has been increased from 11,176 miles to 11,710, or by 4.8 per cent. of the former length.

The average traffic density over the whole of the main-highway system was 207 motor-vehicles per day in 1937-38, as compared with 145.5 per day in 1934-35, thus indicating an average increase of 42 per cent.



The North Island main-highway system comprises 55 per cent. of the total main-highway system of the Dominion and carried 65 per cent. of the total main-highway traffic. The average traffic density in the North Island was 245 motor-vehicles per day, as compared with 167 motor-vehicles per day in 1934-35. In the South Island the increase in traffic density was from 119 motor-vehicles per day in 1934-35 to 160 per day in 1937-38. The comparisons between the traffic densities on the various highway systems at each census are shown graphically by Fig. 1.