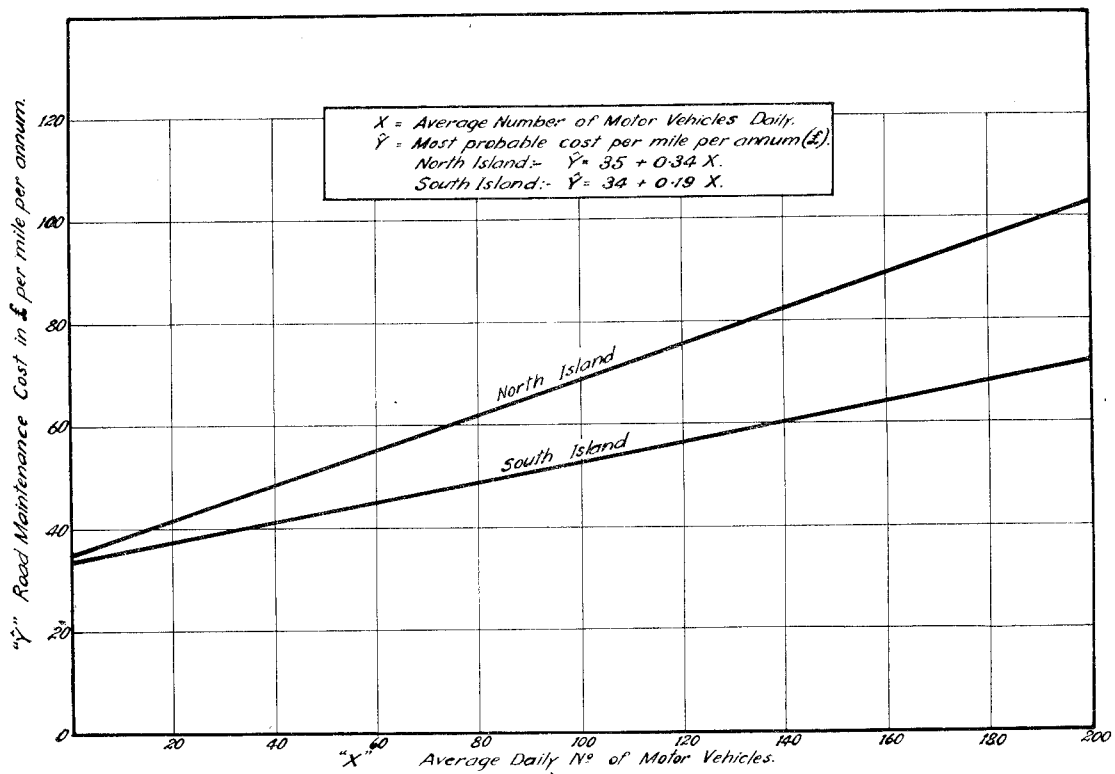


FIG. 8.—THE EFFECT OF MOTOR TRAFFIC ON THE MAINTENANCE COST OF NON-DUSTLESS SURFACED MAIN HIGHWAYS.



(j) NON-MOTOR TRAFFIC.

Although the census was primarily for the purpose of measuring and analysing motor-vehicle traffic using the highways, the opportunity was taken of determining also the volume and nature of non-motor traffic.

A comparison between motor and non-motor traffic upon a weight basis shows that 94.4 per cent. of the total ton-mileage consists of motor traffic and only 5.6 per cent. of non-motor traffic.

Table K compares the respective volumes and densities of the two classes of traffic in each highways district.

The non-motor traffic is further subdivided in Table L into two classes—viz., (i) vehicular traffic and (ii) horses, cattle, and sheep. The only method of comparison is by weight, suitable weights being adopted for each form of traffic recorded.

Figure 9 illustrates various points of interest concerning the non-motor traffic which emerge from the investigation.