

annually, of which £12,000,000 is expended for the direct relief of the poor.

The following table showing the relation between pauperism and tuberculosis from 1855 to 1905 is particularly striking. It comprises a comparison between the three countries forming the United Kingdom. In 51 years pauperism was decreased while the mortality from phthisis decreased during the same period from 28 to 11 per 10,000 of the population. In Scotland pauperism decreased from 40 to 22 per 10,000 and phthisis from 25 to 13 per 10,000. In Ireland pauperism increased from 17 to 21 per 10,000 and phthisis also increased from 14 to 23 per 10,000. This confirms the fact observed in other countries that there is always a relation between pauperism and tuberculosis.

In Germany the fight against tuberculosis is carried on principally by means of popular sanatoria, kept up by compulsory insurance among workingmen against sickness and old age in accordance with progressive legislation. The first law relating to sickness dated 15th June, 1883, came into operation in 1884, two-thirds of the expenses being paid by the workingmen and one-third by the employers. On the 1st January, 1891, the infirmity and old age insurance law came into force, this insurance was paid one-third by the workman, one-third by the employers, and one-third by the Empire, and was the starting point of the creation of popular sanatoria. There were 83 such establishments in 1901, following what is termed the "hygieno-dietetic" treatment, comprising pure air, diet and rest, with the addition in some cases of other hygienic measures, with generally favorable results. Returns from these institutions show 87.7 per 100 cured or improved, 8.8 per 100 not improved, 3.1 sent out worse and 0.5 dead, with an average period of 15 weeks' treatment. The annual average number of patients is between 10,000 and 30,000. Although all these patients do not leave the sanatoria with sputa entirely free from tubercle bacilli they are all impressed with the necessity of rendering these sputa innocuous.

The annual expenses for the erection and maintenance of these sanatoria are very large, but they are held to be justified when account is taken of the influence which their results exercises