

### The Ministry of Health

THE seventeenth annual report of the Ministry of Health, recently issued, summarizes the work of the Ministry during 1935-36 (London: H.M. Stationery Office, 1936. 5s. net). The services administered by the Department involved expenditure amounting to £159,500,000. About one expectant mother in every two now makes use of local authorities' facilities for ante-natal examination, a steady increase on previous years. Maternal mortality was 3.93 per 1,000 births, the lowest figure since 1924. Infantile mortality, that is, deaths of infants less than one year of age, was 57 per 1,000 births, the lowest figure on record. The total deaths from all forms of tuberculosis fell below 30,000 for the first time on record. Of other infectious diseases, diphtheria showed some decline in 1935, only one case of smallpox was notified in that year, the deaths from pneumonia were nearly 1,000 fewer, and scarlet fever and measles were less prevalent. Much progress is reported in slum clearance, abatement of overcrowding, and in town and country planning. As regards public assistance, progress continues to be made in eliminating small and old-fashioned country institutions, and vagrancy appears to be steadily declining. Some 11 million men and 5½ million women in England and Wales are now entitled to health insurance benefits, upon which £27,780,000 was spent in 1935. The annual State contribution for widows, orphans, and old age pensions grows automatically by one million a year until 1943, and is now (1936-37) £15,000,000. The section upon food gives information on new administrative measures, and details of the examination of 143,831 samples of food and drugs, of which 7,972 were given adverse reports.

### The Nation's Health in 1935

THE seventeenth annual report of the Chief Medical Officer of the Ministry of Health, which was published on December 4, covers the year 1935. The deaths numbered 477,401, an increase of 591 over 1934, the principal certified causes of death at all ages being, in order, (1) diseases of the heart and circulatory system, (2) cancer, (3) bronchitis, pneumonia and other respiratory diseases. Attention is directed to the changing age-distribution of the population. Since the beginning of the century, the proportion of persons under twenty-five years has fallen by nearly twenty-five per cent, due to the fall in the birth-rate, and the fall in the general death-rate, which increases the proportion in the older groups. This increasing longevity of the population, together with more accurate diagnosis, probably accounts for the increase of the number of deaths from cancer, which is a disease of the later ages, from 63,263 in 1934 to 64,507 in 1935, and it is probably fallacious to assume that there is a real increase of cancer. For 1935, the incidence of scarlet fever, diphtheria, tuberculosis, venereal and rheumatic diseases has declined, and only one case of smallpox was notified. Attention is directed to the relation of food to health and disease, and to the extension of the maternity and child welfare services.

### Was Sherlock Holmes a Drug Addict?

AN occasional correspondent contributes an amusing article to *The Lancet* of December 26 entitled "Was Sherlock Holmes a Drug Addict?", as his friend Dr. Watson represented him as being. The correspondent's reply is in the negative on the following grounds. In the first place, Holmes was a man of immense mental resource and initiative, being an expert chemist, an accomplished linguist, an assiduous student of Black Letter texts, a capable performer on the violin, a composer and an authority on medieval music. Nor was he of the stuff of which cocaine addicts are made, who are sociable, lacking in mental capacity and need the stimulus of a drug to rouse their interest in life. The continued use of cocaine leads to physical, mental and moral degeneration. Holmes, on the other hand, was the most unsociable of men and showed no deterioration in his mental powers, physical activity or character. The correspondent suggests that Holmes was playing a trick on Watson when he pretended to give himself an injection of cocaine and showed an arm dotted and scarred with numerous puncture marks.

### Institute for the Study of Animal Behaviour

AN Institute for the Study of Animal Behaviour has been formed by a number of zoologists, naturalists, physiologists and psychologists with the object of promoting and encouraging research into animal behaviour. The Institute intends to act as a clearing-house for information regarding work that is being done upon animal behaviour in all its aspects, and to bring together field and laboratory workers for the discussion of their problems. A quarterly bulletin is being issued, and meetings for the transaction of scientific business are held. Those whose work is concerned with animal behaviour in any of its aspects will materially assist the work of the Institute if they will send offprints of their papers to the honorary secretary. Dr. J. S. Huxley is president of the Institute, and Mr. F. B. Kirkman is honorary treasurer. All information regarding membership and activities may be obtained on application to the honorary secretary, R. C. Oldfield, Psychological Laboratory, Downing Place, Cambridge.

### The Making of Chemical Plant

THERE is a school of economics which lays stress on the importance of exports in order that Great Britain may pay for its imports. At the same time, the home manufacturers ask for some measure of protection so that they can supply the home markets and maintain a manufacturing plant of sufficient size to ensure reasonable costs. An industry which has progressed quite rapidly in Great Britain since the Great War is that of making chemical plant, about which the *Industrial Chemist* of November has published some interesting statistics. The export trade has gone up from a figure of 100 in 1933 to 131 in the first nine months of 1936. The plant exported goes to less highly industrialized countries and, therefore, is not of the same complexity and costliness of design which the home market demands: