

In all Subjects.—C. R. Boyce, I. F. Brogan, G. Downing, I. Dundon, I. L. Gilmartin, I. S. Lane, H. S. Maxwell, A. A. W. Merrick, T. J. Tallon.
Completed Examination.—G. F. Alderdile, I. F. Allen, A. T. Benson, R. A. Campbell, W. H. Dodd, A. D. Dunwoody, C. H. Falvey, D. A. Faris, F. S. G. Martin, J. O'Leary, E. M. Pennyfather, T. N. Smith, A. B. Stephenson, E. R. Townsend.
In Medicine.—R. Allison, S. Browne, E. Duffy, M. Graham, I. F. Peart, A. L. Tyndall.
In Surgery.—V. F. Connor, I. F. Peart.
In Pathology.—R. Allison, I. R. Magee.
In Therapeutics.—R. Allison, M. Graham, I. F. Peart.
In Forensic Medicine, etc.—R. Allison, H. M. Clarke, M. Graham, I. R. Magee, I. F. Peart.
Anatomy.—T. Studley.

annual rate of 2.02 per 1,000, against 1.69, 2.38 and 2.75 in the corresponding periods of the three preceding years. In London the zymotic death-rate last quarter was equal to 1.82 per 1,000, while it averaged 2.16 in the thirty-two provincial towns, among which it ranged from 0.44 in Birkenhead, 0.51 in Gateshead, 0.81 in Croydon, 0.86 in Brighton, in Swansea, and in Huddersfield, to 3.56 in Sheffield, 4.08 Wolverhampton, 4.44 in Salford, and 6.00 in Preston. The 5,851 deaths referred to the principal zymotic diseases in the thirty-three towns during the quarter under notice included 1,622 which resulted from measles, 1,591 from whooping-cough, 1,229 from diphtheria, 514 from "fever" (principally enteric), 456 from diarrhoea, 413 from scarlet fever, and 26 from small-pox. The fatal cases of measles, which had been 1,226 and 1,336 in the two preceding quarters, further rose to 1,622 during the three months ending March last, and were equal to an annual rate of 0.56 per 1,000; in London the death-rate from this disease was 0.53 per 1,000; while it averaged 0.58 per 1,000 in the thirty-two provincial towns, among which measles was proportionally most fatal in Cardiff, Wolverhampton, Salford, Preston, Halifax, and Sheffield.

PUBLIC HEALTH

AND POOR-LAW MEDICAL SERVICES.

ENGLISH URBAN MORTALITY IN THE FIRST QUARTER OF 1900 [SPECIALLY REPORTED FOR THE BRITISH MEDICAL JOURNAL.]
THE vital statistics of the thirty-three large English towns dealt with by the Registrar-General in his weekly returns are summarised in the accompanying table. During the three months ending March last, 89,630 births were registered in the thirty-three towns, equal to an annual rate of 31.0 per 1,000 of their aggregate population, estimated at 11,610,296 persons in the middle of the year. In the corresponding periods of the three preceding years the birth-rates in these towns were 31.7, 31.3, and 30.8 per 1,000 respectively. In London the birth-rate last quarter was 30.4 per 1,000, while it averaged 31.3 in the thirty-two provincial towns, among which it ranged from 23.3 in Halifax, 23.4 in Bradford, 23.9 in Brighton, and 24.0 in Huddersfield, to 36.8 in Wolverhampton, 37.0 in Gateshead, 38.4 in Liverpool, and 38.6 in Sunderland.

Analysis of the Vital and Mortal Statistics of Thirty-three of the Largest English Towns during the First Quarter of 1900.

Table with 16 columns: Towns, Estimated Population, Births, Deaths, Annual Rate per 1,000 Living (Births, Deaths, Principal Zymotic Diseases), Deaths from Principal Zymotic Diseases, Small-pox, Measles, Scarlet Fever, Diphtheria, Whooping-Cough, Fever, Diarrhoea, Deaths of Children under one year of age to 1,000 Births, Rate per cent. of Uncertified Deaths.

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vincial towns, among which diarrhoea showed the highest proportional fatality in Wolverhampton, Bolton, Salford, Burnley, and Preston. Of the 26 deaths from small-pox in the thirty-three towns last quarter, 21 were of persons belonging to Hull, 2 to Liverpool, and 1 each to London, to Cardiff, and to Leeds.

Infant mortality in the thirty-three towns, measured by the proportion of deaths under one year of age to registered births, was equal to 152 per 1,000 during the three months ending March last, against 139, 145, and 141 in the corresponding quarters of the three preceding years. In London the rate of infant mortality was equal to 139 per 1,000, while it averaged 161 in the thirty-two provincial towns, among which it ranged from 99 in Huddersfield, 114 in Bristol, 126 in Portsmouth, and 128 in Croydon, to 202 in Blackburn, 210 in Salford, 219 in Wolverhampton, and 229 in Preston.

The causes of 977, or 1.4 per cent. of the deaths in the thirty-three towns during the three months ending March last were not certified, either by a registered medical practitioner or by a coroner. The proportion of uncertified deaths in London did not exceed 0.6 per cent., while it averaged 1.9 in the thirty-two provincial towns. The causes of all the deaths during the quarter were duly certified in Croydon, Plymouth, and Derby, and only two were uncertified in Oldham; while the largest proportions of uncertified deaths were registered in Liverpool, Blackburn, Preston, Huddersfield, Halifax, and Sheffield.

#### HEALTH OF ENGLISH TOWNS.

IN thirty-three of the largest English towns, including London, 7,119 births and 4,509 deaths were registered during the week ending Saturday last, April 28th. The annual rate of mortality in these towns, which had been 23.0, 22.4, and 21.2 per 1,000 in the three preceding weeks, further declined last week to 20.3. The rates in the several towns ranged from 12.9 in Birkenhead, 14.0 in Newcastle, 14.3 in Burnley, and 15.6 in West Ham, to 24.5 in Plymouth, 26.0 in Liverpool, 26.1 in Manchester, and 30.8 in Wolverhampton. In the thirty-two large provincial towns the death-rate averaged 20.7 per 1,000, and exceeded by 1.1 the rate recorded in London, which was 19.6 per 1,000. The zymotic death-rate in the thirty-three towns last week averaged 2.1 per 1,000; in London the rate was 1.9 per 1,000, while it averaged 2.3 in the thirty-two provincial towns, among which the highest zymotic death-rates were 4.8 in Cardiff, 5.2 in Wolverhampton, 5.4 in Oldham, and 7.1 in Plymouth. Measles caused a death-rate of 2.4 in Bristol, 2.9 in Wolverhampton, 3.2 in Cardiff, and 4.6 in Plymouth; scarlet fever of 1.0 in Oldham, and 1.1 in Sunderland; whooping-cough of 1.4 in Birmingham and in Oldham, 1.5 in Liverpool, and 1.8 in Norwich; and diarrhoea of 1.0 in Plymouth, and 1.2 in Wolverhampton. The mortality from "fever" showed no marked excess in any of the large towns. The 54 deaths from diphtheria in the thirty-three towns included 20 in London, 5 in Leicester, 5 in Leeds, and 4 in Cardiff. Four fatal cases of small-pox were registered last week in Liverpool, 1 in London, and 1 in Cardiff. There were 6 cases of small-pox under treatment in the Metropolitan Asylums Hospitals on Saturday last, April 28th, against 2, 3, and 4 at the end of the three preceding weeks; 5 new cases were admitted during the week, against 2 in each of the two preceding weeks. The number of scarlet fever patients in these hospitals and in the London Fever Hospital, which had been 1,713, 1,694, and 1,676 at the end of the three preceding weeks, had further fallen to 1,647 on Saturday last; 170 new cases were admitted during the week, against 185, 189, and 165 in the three preceding weeks.

#### HEALTH OF SCOTCH TOWNS.

DURING the week ending Saturday last, April 28th, 1,092 births and 672 deaths were registered in eight of the principal Scotch towns. The annual rate of mortality in these towns, which had declined from 22.8 to 21.0 per 1,000 in the four preceding weeks, rose again to 21.7 last week, and was 1.4 per 1,000 above the mean rate during the same period in the thirty-three large English towns. Among these Scotch towns the death-rates ranged from 15.2 in Perth and 16.6 in Leith, to 24.0 in Greenock and 24.6 in Glasgow. The zymotic death-rate in these towns averaged 2.4 per 1,000, the highest rates being recorded in Glasgow and Aberdeen. The 352 deaths registered in Glasgow included 2 from small-pox, 20 from measles, 5 from scarlet fever, 14 from whooping-cough, and 5 from diarrhoea. Four fatal cases of diphtheria and 2 of whooping-cough were recorded in Edinburgh. Four deaths from whooping-cough and 4 from diarrhoea occurred in Aberdeen.

#### REFUSAL OF A DISTRICT MEDICAL OFFICER TO ATTEND BEFORE A MEDICAL ORDER WAS GRANTED.

E. C. T., a provincial district medical officer, writes to say that in consequence of his refusal to attend a certain patient until an order had been applied for and granted, when attendance was at once given, a formal complaint has been laid against him and that one of the Board of Guardians is anxious to pass a vote of censure upon him for refusing his attendance. As E. C. T. contends that he has "done nothing illegal," he asks whether he is justified in insisting on an apology.

\*E. C. T. appears to us to have a good defence to the charge against him, and we cannot think that the majority of the Board would think otherwise. In any case, however, we cannot see that anything is to be gained by demanding an apology, and unless the proposed vote of censure should be passed we should recommend our correspondent to take no further steps in the matter.

#### THE VACCINE LYMPH OF THE LOCAL GOVERNMENT BOARD.

AN OLD P.V. writes: I should be much obliged if some public vaccinators who are using the Local Government Board lymph would kindly inform me if it is now satisfactory. Since the breakdown last summer of the Local Government Board lymph I have been using Dr. Chaumier's lymph with the best results, but I fear that in the hot weather it will be too lively. Even with the present weather the vesicles are very inflamed.

## MEDICAL NEWS.

DR. J. S. CRONE, of Kensal Rise, has been unanimously elected Chairman of the Willesden District Council for the ensuing year.

THE annual meeting of the Association of Asylums Workers will be held at the house of the Medical Society of London on Monday, May 14th. The President, Sir J. Crichton-Browne, will take the chair at 4 P.M.

A DINNER of the past and present members of the West London Hospital will take place at the Trocadero Restaurant, London, on Monday, May 21st. The chair will be taken at 7.30 P.M. by Dr. Donald Hood.

THE annual dinner of old students of King's College, London, will be held at the Holborn Restaurant on June 18th. The Hon. J. A. Cockburn, K.C.M.G., M.D., Fellow and Associate of King's College, now Agent-General for South Australia, will be in the chair, and the Duke of Cambridge will be present.

THE LEICESTER INFIRMARY.—At the last anniversary meeting of the Leicester Infirmary the rules relating to the election and qualification of the honorary staff were altered. In future the staff will be elected by the Council, a body consisting of forty Governors elected at the annual meeting, together with the Weekly Board and the Honorary Staff. The qualifications for Physicians are to be M.D. of a British University or F. or M.R.C.P.Lond. For Surgeons, M.S. of a British University or F.R.C.S.Eng.

PRESENTATION.—At a valedictory meeting held in Brechin, Dr. H. M. Robertson was recently presented with an illuminated address and a purse of sovereigns on the occasion of his leaving to take up practice elsewhere, after having practised for six years in that town. Mr. Lamb, in making the presentation, said that he and his friends were met to pay a tribute of respect and gratitude to Dr. Robertson for his services and kindnesses in the past, and to express their best wishes for the future. At the same time a presentation was made to Mrs. Robertson.

#### MEDICAL VACANCIES.

The following vacancies are announced:

- BETHNAL GREEN: PARISH OF ST. MATTHEW.—Assistant and Second Assistant Medical Officers for the New Infirmary; unmarried. Salary, £150 and £120 per annum respectively, with board, lodging, and washing. Applications on forms provided, to be sent to the Medical Superintendent by May 9th and 10th respectively.
- BIRMINGHAM: GENERAL DISPENSARY.—Resident Locum for two or three months. Terms 4 guineas per week, with furnished apartments. Applications to the Secretary by May 28th.
- BIRMINGHAM AND MIDLAND EYE HOSPITAL.—Assistant House-Surgeon. Salary, £80 per annum, with apartments and board. Applications to the Chairman of the Medical Board by May 14th.
- BIRMINGHAM AND MIDLAND FREE HOSPITAL FOR SICK CHILDREN.—Resident Medical Officer and Resident Surgical Officer. Salaries, £80 per annum each, with board, washing, and attendance. Applications to the Secretary, Steelhouse Lane, Birmingham, by May 9th.
- BRISTOL ROYAL INFIRMARY.—Casualty Officer until August 31st. Apartments, board, and washing provided, and honorarium of £10. Applications to the Secretary by May 7th.
- CARLISLE DISPENSARY.—House-Surgeon. Salary, £130 per annum, with apartments. Applications to the Honorary Secretary, Mr. G. A. Lightfoot, 23, Lowther Street, Carlisle, by May 9th.
- CUMBERLAND AND WESTMORLAND ASYLUM, Garlands, Carlisle.—Junior Assistant Medical Officer; unmarried. Salary, £130 a year, rising to £150, with board and residence. Applications to the Medical Superintendent.
- DENBIGHSHIRE INFIRMARY.—House-Surgeon. Salary to commence, £80 per annum, with board, residence, and washing. Applications to the Secretary by May 10th.
- DURHAM COUNTY ASYLUM.—Second Assistant Medical Officer. Salary, £170 per annum rising to £220, with rooms, board, laundry, and attendance. Applications to the Medical Superintendent.
- EXETER: ROYAL DEVON AND EXETER HOSPITAL.—(1) Assistant House-Surgeon. Salary at the rate of £100 per annum. (2) Junior Assistant House-Surgeon. No salary. Appointments for six months. Board, lodging, and washing provided in each case. Applications to the House-Surgeon.
- FAREINGDON GENERAL DISPENSARY, 17, Bartlett's Buildings, E.C.—Resident Medical Officer. Salary, £120 per annum, with apartments, coals, and gas. Applications to the Honorary Secretary.
- GLASGOW UNIVERSITY.—Examiner for Degrees in Medicine, with special qualifications to examine in Practice of Medicine (Systematic and Clinical). Salary, £50 per annum. Applications to the Secretary of the Glasgow University Court, 91, West Regent Street, Glasgow, by May 28th.
- HALIFAX ROYAL INFIRMARY.—Third House-Surgeon; unmarried. Salary, £50 per annum, with residence, board, and washing. Applications to the Secretary.
- HOSPITAL FOR DISEASES OF THE THROAT, Golden Square, W.—Senior Clinical Assistant. Applications to the Secretary by May 7th.
- LEEDS: GENERAL INFIRMARY.—(1) Resident Medical Officer. Salary, £100 per annum, with board, residence, and washing. (2) House-Surgeon. Board, lodging, and washing provided. Applications to the Secretary to the Faculty by May 8th.
- LINCOLN HOSPITAL, FOR THE INSANE.—Assistant Medical Officer. Salary, £100 per annum. Applications to the Medical Superintendent, The Lawn, Lincoln.
- LIVERPOOL DISPENSARIES.—Assistant Surgeon; unmarried. Salary, £100 per annum, with board and apartments. Applications to the Secretary, 34, Moorfields, Liverpool.