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Contributors

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TUTBURY RURAL DISTRICT COUNCIL



ANNUAL REPORT

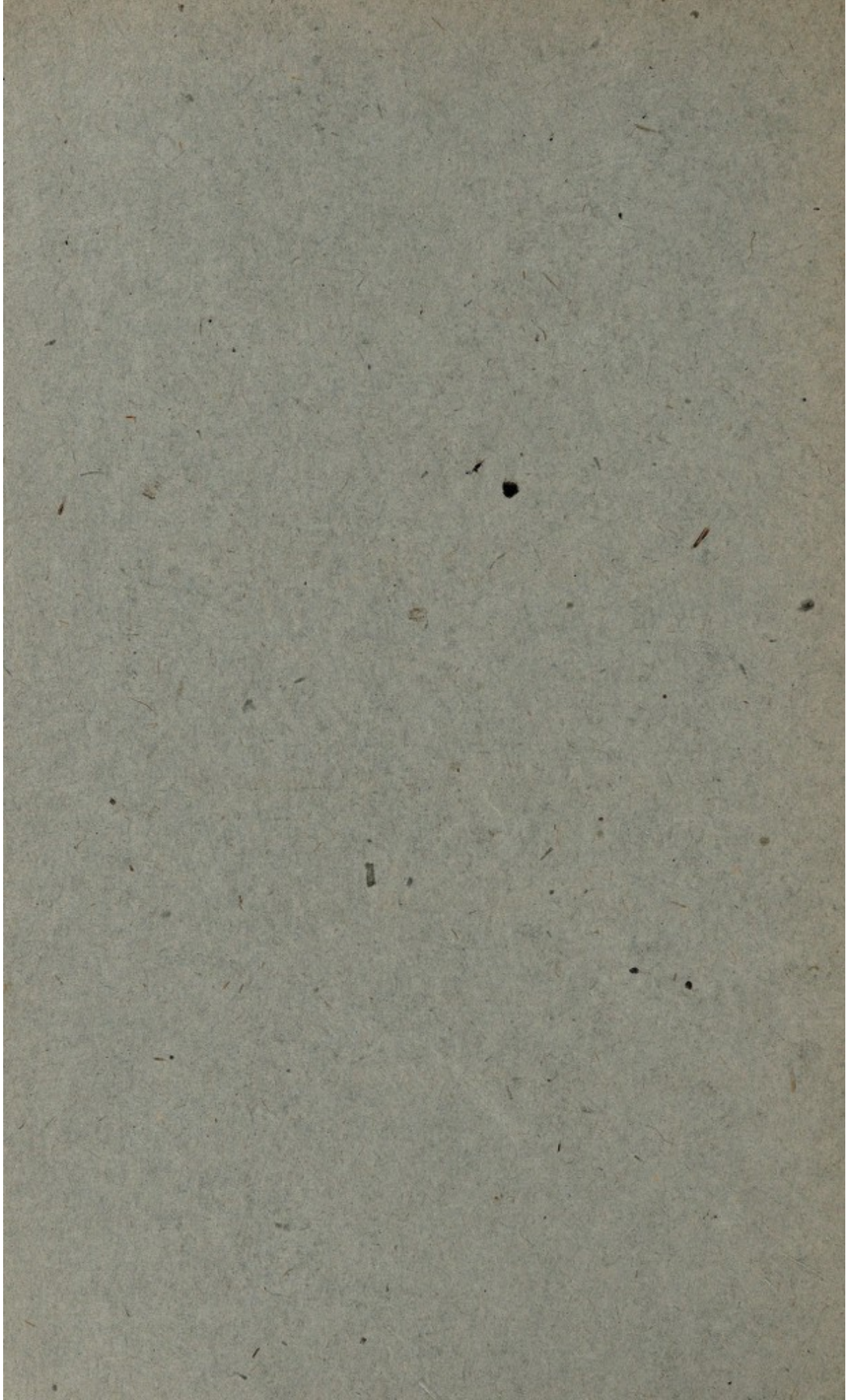
of the

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1947

by

CHARLES NIXON SMITH, M.C., M.B., Ch.B., D.P.H.



TUTBURY RURAL DISTRICT COUNCIL

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ANNUAL REPORT


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MEDICAL OFFICER OF HEALTH

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TUTBURY RURAL DISTRICT COUNCIL

Public Health Department,
"Kingsley,"
44 Rolleston Road,
Burton-on-Trent

To the Chairman and Members of the
Tutbury Rural District Council

Mr. Chairman, Lady and Gentlemen,

I have the honour to present my annual report
for the year 1947.

The general health of the district has been
satisfactory.

Three cases of Infantile Paralysis occurred.

Scarlet Fever of a mild type has been rather
more prevalent.

There was no case of Diphtheria.

Progress has been made in the building of
Council Houses.

Vital statistics compare favourably with those for
England and Wales.

The Infantile Mortality Rate is half that of last
year, and is below the rate for the Country as a whole.

I have the honour to be,

Your obedient Servant,

CHARLES NIXON SMITH
Medical Officer of Health

PUBLIC HEALTH STAFF

Medical Officer of Health :—

CHARLES NIXON SMITH, M.C., M.B., D P.H.
(who is also M.O.H. Rugeley Urban District and
Assistant County M.O.H.)

Sanitary Inspector :—

A. S. BROAD, Cert. R.S.I. (who is also the Surveyor)

Assistant Sanitary Inspectors :—

G. T. W. ALLEN
R. BRUNNING

Clerk :—

E. M. COTTON

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

| | | | | |
|--|-------|-------|-------|---------|
| Area in Acres | ..... | ..... | ..... | 31,708 |
| Registrar General's estimate of Resident Population, Mid. 1947 | ..... | ..... | ..... | 13,950 |
| Number of inhabited houses, end of 1947 according to Rate Books | ..... | ..... | ..... | 4,242 |
| Rateable Value | ..... | ..... | ..... | £82,367 |
| Sum represented by a penny rate | ..... | ..... | ..... | £333 |

VITAL STATISTICS

| | | Total | M. | F. | |
|----------------|--------------|-------|-----|-----|---|
| LIVE BIRTHS | Legitimate | 255 | 124 | 131 | } Birth rate per 1,000 of estimated resid- ent population 19.14 |
| | Illegitimate | 12 | 7 | 5 | |
| Totals | | 267 | 131 | 136 | |

| | | | | | |
|-----------------|--------------|----|---|---|--|
| STILL BIRTHS | Legitimate | 12 | 6 | 6 | } Rate per 1,000 total births (live and still) 43 Rate per 1,000 of estimated resident population, 0.86 |
| | Illegitimate | 0 | 0 | 0 | |

| | | | | |
|--------|-----|----|----|--|
| DEATHS | 169 | 94 | 75 | } Death rate per 1000 of estimated resid- ent population 12.11 |
|--------|-----|----|----|--|

FOR ENGLAND AND WALES—Birth Rate—20.5
Still Birth Rate 0.50
Death Rate—12.0

DEATHS FROM PUERPERAL CAUSES

Puerperal Sepsis Nil
Other Puerperal Causes Nil

DEATHS OF INFANTS UNDER ONE YEAR OF AGE

| | Total | M. | F. |
|--------------|-------|----|----|
| Legitimate | 9 | 7 | 2 |
| Illegitimate | 0 | 0 | 0 |

INFANTILE MORTALITY RATE—33.7

INFANTILE MORTALITY RATE FOR ENGLAND AND WALES

41

| | | |
|---|-------|-----|
| Deaths from Cancer (all ages) | ..... | 27 |
| " " Measles (all ages) | ..... | 1 |
| " " Whooping Cough (all ages) | | Nil |
| " " Diarrhœa (under 2 years of age) | | 1 |

SECTION C

SANITARY CIRCUMSTANCES OF THE AREA

WATER.

The greater part of the Rural District is supplied with water from the mains of the South Staffordshire Waterworks Co., and this supply has been satisfactory both in quality and quantity. No new sources of supply have been provided, but a scheme has been submitted to the County Council and the Ministry of Health under the Rural Water Supplies and Sewerage Act, 1944, to provide a public supply of water in the Parishes of Yoxall, Wychnor, Tatenhill, Dunstall, Barton under-Needwood, Hanbury, Anslow and Rolleston from the South Staffordshire Waterworks Co's. mains. The scheme has been approved by the Ministry of Health and tenders are being obtained for carrying out the work.

Three short lengths of main have been extended at Hanbury, Barton and Rolleston, to provide for the needs of several outlying properties.

The township of Tutbury is supplied with water from the Rural District Council's own Scheme. The supply in this case has been satisfactory as to quality, but due to the greatly increased consumption during the past few years the storage capacity of the reservoir has now become little more than one day's supply. This is, of course, not sufficient reserve, and serious consideration should be given to the provision of additional storage capacity.

The water at Tutbury is chlorinated as required by the Ministry of Health. Bacteriological examination and chemical analysis have been made of this water, and it was found that the Coli Aerogenes Content (presumptive Coli) was Nil per 100 ml. after 48 hours incubation at 37° Cent. The Chemical Analysis showed the water to be organically of satisfactory quality, but very hard.

| | |
|---------------------------------|-------|
| The hardness before boiling was | 39.2° |
| The hardness after boiling was | 15.4° |
| Temporary hardness | 23.8° |

The number of houses in the Rural District which are supplied with water from public mains is as follows

| PARISH | No. of houses supplied with water from public mains | Estimated population served by same |
|-----------------------|---|-------------------------------------|
| Anslow | 55 | 214 |
| Barton-under-Needwood | 341 | 1359 |
| Branston | 506 | 1823 |
| Dunstall | 36 | 130 |
| Hanbury | 77 | 305 |
| Outwoods | 563 | 1732 |
| Rolleston | 356 | 1062 |
| Stretton | 538 | 1511 |
| Tatenhill | Nil | Nil |
| Tutbury | 523 | 1829 |
| Wychnor | 1 | 6 |
| Yoxall | Nil | Nil |
| Totals | 2996 | 9971 |

DRAINAGE AND SEWERAGE.

No new sewers have been laid during the year, but Messrs. Willcox, Raikes & Marshall, Consulting Engineers are preparing schemes of sewerage and sewage disposal for the parishes of Yoxall, Tatenhill, Hanbury, Anslow, and a portion of Dunstall and Rolleston. A scheme has also been submitted to the Ministry of Health for the re-construction of the Rolleston Sewage Pumping plant. Tenders have been accepted for the pumping plant, and the approval of the Ministry of Health is expected to the proposals for the buildings. Alterations to this pumping station are long overdue, and should receive the earliest possible attention.

PUBLIC CLEANSING.

As no notable improvement was made in the domestic scavenging in the Parishes of Barton, Branston, Outwoods, Rolleston, Stretton and Tutbury, it was decided to carry out the work by direct labour. Accordingly from 1st August, 1947, with two S. D. type freighters, a foreman and five men, a regular fortnightly collection of house refuse, and a weekly collection of nightsoil was made in the above mentioned Parishes,

and I am pleased to be able to state that the improvement in the service has been considerable and complaints completely eliminated. Further, the condition of the refuse tip being controlled by direct labour, has also shewn considerable improvement.

The domestic scavenging in the Parish of Hanbury is carried out by contract, and the work has been of a satisfactory standard throughout the year.

Orders have been placed with the makers for two new S.D. type freighters, and when delivery of these is made, further extensions of the refuse collection scheme by direct labour may envisaged in other Parishes.

CLOSET ACCOMMODATION.

Twenty privies or pan closets have been abolished and water closets substituted by owners during the year.

SMOKE ABATEMENT.

There have been no cases of excessive smoke during the year.

CAMPING SITES.

There are no recognised camping sites in the District.

SWIMMING BATHS.

The only swimming bath in the district is a privately owned one in the village of Rolleston-on-Dove. This appears to be well managed and supervised.

ERADICATION OF BED BUGS.

There have been no cases of infestation by bed bugs during the year. There have, however, been three cases of infestation by fleas, and in each case the premises were sprayed with "Zaldecide" (containing D.D.T.). This treatment appeared to be effective.

SECTION D

HOUSING

I. INSPECTION OF DWELLING-HOUSES DURING THE YEAR:—

- | | | |
|---------|---|-----|
| (1) (a) | Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) | 251 |
| (b) | Number of inspections made for the purpose | 251 |
| (2) (a) | Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932 | Nil |
| (b) | Number of inspections made for the purpose | Nil |
| (3) | Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation | Nil |
| (4) | Number of dwelling-houses (exclusive of those referred to in the preceding sub-head) found not to be in all respects reasonably fit for human habitation | 160 |

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES:—

| | |
|---|-----|
| Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers | 193 |
|---|-----|

HOUSING SURVEY.

No further work has been done on the Rural Housing Survey since the temporary Housing Inspector left your employment in September, 1946.

Steps should be taken to see that this work is completed as soon as possible

During the year 6 private enterprise houses were completed and occupied ; 16 Council Houses were completed and 11 occupied.

SECTION E

INSPECTION AND SUPERVISION OF FOOD

MILK SUPPLY.

The cowsheds and dairies of the district have been inspected from the Sanitary Inspector's department.

Inspections of food shops in the district have been made by the Sanitary Inspector's staff. Six condemnation certificates were issued in respect of quantities of food found to be unfit for human consumption.

SECTION F

**PREVALENCE OF, AND CONTROL OVER, INFECTIOUS
AND OTHER DISEASES**

INFECTIOUS DISEASES.

Scarlet Fever of a mild type has been rather more prevalent.

There was no case of Diphtheria during the year.

IMMUNISATION AGAINST DIPHTHERIA.

Sessions have been held regularly at the five Infant Welfare Centres in the district, and sessions at Schools as required.

PRIMARY IMMUNISATIONS.

126 Children under 5 years of age were immunised.

8 Children of School age were immunised.

134 Total number of children immunised.

REINFORCING INJECTIONS.

106 School children were treated.

DIPHTHERIA IMMUNISATION ANNUAL RETURN TO THE MINISTRY OF HEALTH FOR
YEAR ENDED 31st DECEMBER, 1947

Number of children who had completed a full course of Immunisation at any time up to
31st December, 1947

| Age at 31/12/47 | Under 1 | 1 | 2 | 3 | 4 | 5 to 9 | 10 to 14 | Total under 15 | |
|---|------------------|------|------|------|------|-----------|------------------|-------------------|------|
| | 1947 | 1946 | 1945 | 1944 | 1943 | 1938-1942 | 1933-1937 | | |
| Number immunised | 2 | 86 | 140 | 165 | 138 | 963 | 866 | 2360 | |
| Estimated mid-year child population 1947 | Children under 5 | | | | | | Children 5 to 14 | | 3250 |
| | 1240 | | | | | | 2010 | | |

| Disease | Total cases notified | Cases admitted to Hospital | Total Deaths |
|-----------------------|----------------------|----------------------------|--------------|
| Scarlet Fever | 62 | 39 | Nil |
| Diphtheria | Nil | Nil | Nil |
| Erysipelas | 2 | Nil | Nil |
| Measles | 167 | Nil | Nil |
| Whooping Cough | 33 | Nil | Nil |
| Ophthalmia Neonatorum | 1 | Nil | Nil |
| Acute Polio Myelitis | 3 | 3 | Nil |

ANALYSIS OF NOTIFIED CASES ACCORDING TO AGE

| Disease | AGE GROUPS | | | | | | | | | | | | |
|----------------------|--------------------|----|----|----|----|----|---------------|----------------|----------------|----------------|----------------|----------------|------------|
| | Under 1 year | 1 | 2 | 3 | 4 | 5 | 6 to 10 | 11 to 15 | 16 to 20 | 21 to 35 | 36 to 45 | 46 to 65 | Over 65 |
| Scarlet Fever | | 1 | | 1 | 2 | 10 | 20 | 13 | 5 | 6 | 4 | | |
| Erysipelas | | | | | | | | | | 1 | | 1 | |
| Measles | 2 | 11 | 19 | 17 | 25 | 34 | 50 | 2 | 2 | 4 | 1 | | |
| Whooping Cough | 3 | 4 | 2 | 6 | 3 | 11 | 3 | | | | | | |
| Acute Polio Myelitis | 1 | 1 | | | 1 | | | | | | | | |

TUBERCULOSIS

Cases on Tuberculosis Register, 31st December, 1947

| MALES | | FEMALES | | TOTAL |
|-------------|-----------------|-------------|-----------------|-------|
| Respiratory | Non-Respiratory | Respiratory | Non-Respiratory | |
| 39 | 19 | 17 | 9 | 84 |

The total figure of 84 cases shows an increase over that of the last year.

New Cases and Mortality during 1947

| AGE PERIODS | New Cases | | | | Deaths | | | |
|-------------|-------------|----|-----------------|----|-------------|----|-----------------|----|
| | Respiratory | | Non-Respiratory | | Respiratory | | Non-Respiratory | |
| | M. | F. | M. | F. | M. | F. | M. | F. |
| Under 1 | — | — | — | — | — | — | — | — |
| 1—5 | — | — | — | — | — | — | — | — |
| 6—15 | — | — | — | — | — | — | — | — |
| 16—25 | 2 | 1 | — | — | — | 1 | — | — |
| 26—35 | 2 | 1 | — | 2 | — | 1 | — | — |
| 36—45 | — | — | — | — | 1 | — | — | — |
| 46—55 | — | 1 | — | — | — | — | — | — |
| 56—65 | — | — | — | — | — | — | — | — |
| Over 65 | — | 1 | — | — | — | — | — | — |
| Totals | 4 | 4 | — | 2 | 1 | 2 | — | — |

CANCER

Deaths from Cancer for Year ended 31st December, 1947

| Sex | AGE GROUPS. | | | | | | | | Total |
|-----|-------------|----------------|----------------|----------------|----------------|----------------|----------------|------------|-------|
| | Under 26 | 26 to 35 | 36 to 45 | 46 to 55 | 56 to 65 | 66 to 75 | 76 to 85 | Over 85 | |
| M | — | — | 1 | 2 | 4 | 5 | 2 | — | 14 |
| F | — | — | — | 2 | 4 | 3 | 3 | 1 | 13 |

Causes of Death in Tutbury Rural District during the year 1947

| Causes of Death | Male | Female |
|--|------|--------|
| ALL CAUSES | 94 | 75 |
| 1. Typhoid and paratyphoid Fevers | — | — |
| 2. Cerebro-spinal Fever .. | — | — |
| 3. Scarlet Fever ... | — | — |
| 4. Whooping Cough ... | — | — |
| 5. Diphtheria ... | — | — |
| 6. Tuberculosis of respiratory system | 1 | 2 |
| 7. Other forms of Tuberculosis | — | — |
| 8. Syphilitic diseases ... | 2 | — |
| 9. Influenza ... | — | — |
| 10. Measles ... | 1 | — |
| 11. Ac: polio-myel and polio-enceph. | — | — |
| 12. Ac: inf: enceph ... | — | — |
| 13. Cancer of buc: Cav: and œsoph: (M) | | |
| uterus (F) | 1 | 2 |
| 14. Cancer of stomach and duodenum | 2 | 1 |
| 15. Cancer of breast ... | — | — |
| 16. Cancer of all other sites ... | 11 | 10 |
| 17. Diabetes ... | 1 | — |
| 18. Intra-cranial vascular lesions | 7 | 11 |
| 19. Heart disease ... | 27 | 25 |
| 20. Other circulatory diseases .. | 4 | 1 |
| 21. Bronchitis ... | 4 | 3 |
| 22. Pneumonia ... | 3 | 4 |
| 23. Other respiratory diseases ... | 1 | — |
| 24. Ulcer of stomach or duodenum | 1 | — |
| 25. Diarrhœa (under 2 years) ... | 1 | — |
| 26. Appendicitis ... | — | — |
| 27. Other digestive diseases | — | 2 |
| 28. Nephritis ... | 3 | 1 |
| 29. Puerperal and post-abortion: sepsis | — | — |
| 30. Other maternal causes ... | — | — |
| 31. Premature birth ... | 5 | 1 |
| 32. Con: mal: birth inj: infant diseases | 2 | — |
| 33. Suicide ... | — | — |
| 34. Road traffic acc: ... | 2 | — |
| 35. Other violent causes ... | 4 | 2 |
| 36. All other causes ... | 11 | 10 |

Prescribed particulars on the administration of the Factories Act, 1937

1.—INSPECTIONS for purposes of provisions as to health (Including Inspections made by Sanitary Inspectors)

| PREMISES (1) | M/C line No. (2) | Number on Register (3) | Number of | | | M/C line No. (7) |
|--|---------------------------|---------------------------------|--------------------|---------------------------|--------------------------------|---------------------------|
| | | | Inspections (4) | Written Notices (5) | Occupiers Prosecuted (6) | |
| (i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities | 1 | 30 | 20 | 3 | | 1 |
| (ii) Factories not included in (i) to which Section 7 applies | | | | | | |
| (a) Subject to the Local Authorities (Transfer of Enforcement) Order, 1938† | 2 | 33 | 21 | 4 | | 2 |
| (b) Others | 3 | — | | | | 3 |
| (iii) Other Premises under the Act‡ (excluding out-workers' premises) | 4 | — | | | | 4 |
| TOTAL | | 63 | 41 | 7 | | |

2.—Cases in which DEFECTS were found

| PARTICULARS (1) | M/C line No. (2) | No. of cases in which defects were found | | | | Number of cases in respect of which Prosecutions were instituted (7) | M/C line No. (8) |
|--|---------------------------|--|-----------------|-----------------------------------|-----------------------------------|---|---------------------------|
| | | Found (3) | Remedied (4) | Referred to H.M. Inspector (5) | Referred to H.M. Inspector (6) | | |
| Want of cleanliness (S 1) | 5 | 2 | 2 | | 1 | | 5 |
| Overcrowding (S 2) | 6 | | | | | | 6 |
| Unreasonable temperature (S 3) | 7 | | | | | | 7 |
| Inadequate ventilation (S 4) | 8 | | | | | | 8 |
| Ineffective drainage of floors (S 6) | 9 | | | | | | 9 |
| Sanitary Conveniences { insufficient | 10 | | | | | | 10 |
| { unsuitable or defective | 11 | 4 | 3 | | 1 | | 11 |
| { not separate for sexes | 12 | | | | | | 12 |
| Other offences (not including offences relating to Homework) | 13 | 1 | 1 | | | | 13 |
| TOTAL | 60 | 7 | 6 | | 2 | | 60 |

† S.R. & O. 1938 No. 488

‡ *i.e.* Works of Building and Engineering Construction, Electrical Stations should be reckoned as factories

TUTBURY RURAL DISTRICT COUNCIL

Summary of work done in the Sanitary Inspector's Department during the Year 1947,
in the Rural District of Tutbury.

| | Inspec- tions | Defects found | Informal Notices by Inspector | Formal Notices by Authority | Nuisances abated after Notices by Inspector | Nuisances abated by Authority |
|----------------------------------|------------------|------------------|-------------------------------------|-----------------------------------|---|-------------------------------------|
| Defective Floors | 4 | 4 | 4 | — | 3 | — |
| Dampness | 24 | 24 | 22 | — | 24 | — |
| Verminous Premises | 1 | 1 | 1 | — | 1 | — |
| Foul Conditions | 1 | 1 | 1 | — | 1 | — |
| Animals kept as a Nuisance | — | — | — | — | — | — |
| Structural Defects | 49 | 49 | 32 | — | 34 | — |
| Defective Sinks | 16 | 16 | 9 | — | 14 | — |
| Defective and choked drains | 33 | 33 | 26 | — | 30 | — |
| Water Supply | 32 | 32 | 14 | — | 28 | — |
| Privies converted to W.Cs. | 36 | 36 | 13 | 2 | 20 | 2 |
| Ashpits and Privies | 55 | 55 | 38 | — | 36 | — |
| Dairies, Cowsheds, and Milkshops | 45 | 21 | 15 | — | 19 | — |
| Bakehouses | 9 | 3 | 2 | — | 3 | — |
| | <u>305</u> | <u>275</u> | <u>177</u> | <u>2</u> | <u>213</u> | <u>2</u> |

Precautions against Infectious Diseases

| | |
|--|----|
| Schools disinfected | 1 |
| Houses disinfected after Infectious Disease and Deaths, etc. | 72 |
| Samples of Water taken and found to be unfit | 3 |
| Samples of Water taken and found to be fit | 1 |

A. S. BROAD, Sanitary Inspector

Practical problems in the administration of the
Institute for 1917

1. THE EQUIPMENT

| Category | Quantity | Value | Notes |
|-----------------|----------|-------|-------|
| Books | 100 | 100 | |
| Stationery | 50 | 50 | |
| Office supplies | 20 | 20 | |
| Travel expenses | 10 | 10 | |
| Printing | 10 | 10 | |
| Telephone | 10 | 10 | |
| Postage | 10 | 10 | |
| Lighting | 10 | 10 | |
| Repairs | 10 | 10 | |
| Insurance | 10 | 10 | |
| Medical | 10 | 10 | |
| Food | 10 | 10 | |
| Shelter | 10 | 10 | |
| Transportation | 10 | 10 | |
| Security | 10 | 10 | |
| Communication | 10 | 10 | |
| Information | 10 | 10 | |
| Research | 10 | 10 | |
| Education | 10 | 10 | |
| Health | 10 | 10 | |
| Welfare | 10 | 10 | |
| Recreation | 10 | 10 | |
| Religion | 10 | 10 | |
| Art | 10 | 10 | |
| Science | 10 | 10 | |
| Technology | 10 | 10 | |
| Industry | 10 | 10 | |
| Commerce | 10 | 10 | |
| Finance | 10 | 10 | |
| Law | 10 | 10 | |
| Government | 10 | 10 | |
| Education | 10 | 10 | |
| Health | 10 | 10 | |
| Welfare | 10 | 10 | |
| Recreation | 10 | 10 | |
| Religion | 10 | 10 | |
| Art | 10 | 10 | |
| Science | 10 | 10 | |
| Technology | 10 | 10 | |
| Industry | 10 | 10 | |
| Commerce | 10 | 10 | |
| Finance | 10 | 10 | |
| Law | 10 | 10 | |
| Government | 10 | 10 | |

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UNITED STATES GOVERNMENT



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