Contributors

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STAFFORDSHIRE COUNTY COUNCIL.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH,

GEORGE REID, M.D., D.P.H.,

FOR THE YEAR 1915.

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STAFFORDSHIRE COUNTY COUNCIL.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH,

Presented to the Council at the Quarterly Meeting,

November 4th, 1916.

Introduction.

Last year, in presenting my Twenty-sixth Annual Report, I had to point out that the matter it contained was considerably curtailed owing to my being engaged in military duties, and this year, partly for the same reason, and also because the Local Government Board have intimated that during the war Medical Officers of Health will not be expected to print the usual full Reports, my twenty-seventh Report is also materially curtailed. Reference to the text of the reports of district Medical Officers of Health is again omitted, and, in addition, the usual table summarising the work of sanitary inspectors is not introduced. I give, however, a short summary of the work carried on by the Public Health Committee for the twelve months ending June 30th, 1916, together with the special summary tables dealing with the more important statistics. I much regret that the statistical figures this year are incomplete owing to the fact that no report relating to the Wednesfield Urban District has been received, owing to circumstances which will be explained to the Public Health Committee in order that they may determine whether or not to recommend that the usual contribution towards the cost of the public health service of the district shall be withheld.

GEO. REID,

COUNTY MEDICAL OFFICER OF HEALTH.

Stafford, September, 1916.

SUMMARY OF YEAR'S WORK OF THE PUBLIC HEALTH COMMITTEE OF THE COUNTY COUNCIL.

The most important matter which has engaged the attention of the Public Health Committee during the year has been the framing of a scheme of health visiting for the County, under the Notification of Births (Extension) Act, 1915. The question of the expediency of exercising the powers of the County Council under the Act during the period of the war gave rise to considerable controversy, but ultimately a scheme was approved by the Council which has since been approved by the Local Government Board, excepting certain areas where schemes were already in operation, and a few others for which schemes had been submitted since the passing of the Act which complied with the requirements of the Board. It is hoped that the County Scheme, which will serve 28 districts with a total estimated population of 264,921, will come into operation on October 1st.

The general work of the Public Health Committee has again, for the reason stated, been considerably curtailed. At the same time, matters which had previously been taken in hand have been advanced and, as far as possible, new work has been undertaken. For example, during the year detailed reports on the sanitary circumstances in the following districts have been presented :—Darlaston, Wednesbury and Willenhall, while in other districts previously reported upon the matters referred to the respective District Councils have been under the consideration of a special sub-committee appointed to deal with such reports.

The routine work under the Rivers Pollution Prevention Acts has proceeded on former lines, the systematic work of inspecting sewage disposal works having gone on systematically.

As regards sewage effluents, while special attention is directed to recently constructed works, the works which have been thoroughly established are by no means overlooked. All are systematically inspected by the County River Inspector, who at once reports to me any irregularities he observes. Needless

to say, his visits are surprise ones, no previous notice being given of his intention to visit, and it speaks well for the good faith of the local authorities that his visits are hailed with appreciation rather than resentment.

It is customary to call the Public Health Committee's attention at the time to any serious irregularities which are noted in the management of sewage works, and the responsible Authorities in such cases are invariably communicated with. Many lesser irregularities noted, however, are satisfactorily dealt with by myself, without troubling the Committee, by merely calling the local surveyor's attention to them.

As regards the southern districts which drain into the River Tame, I am glad to be able to state that the new and extensive works at Walsall continue to treat satisfactorily the whole of the sewage of the Borough. At Willenhall, also, the still newer works are yielding good results, and from the Bilston and Wednesbury works the usual good effluents continue to be discharged. At Tipton the new works are giving satisfactory results, and progress has been made in connecting the houses with the new sewers. The construction of the new works at Darlaston has not yet been commenced owing to the fact that the sanction for the necessary loan has been postponed on account of the war. For the same reason the contemplated extension of the works at Oldbury and West Bromwich has been postponed.

In the north of the County, apart from one or two unimportant temporary irregularities, which have been corrected on representations being made, the numerous works constructed during recent years, and the effluents from which discharge into the Trent or its tributaries, have proved to be quite equal to dealing with the sewage of the large populations which they serve.

Besides one or two smaller schemes which have been hung up for the present, schemes for Audley and the Borough of Stafford, the former being an entirely new scheme, and the latter an important extension, have also been suspended because of the war

I regret to say that in various parts of the County streams have suffered owing to the establishment of munition works from which highly polluting effluents are discharged. These effluents are most difficult to deal with, and, under the circumstances, there is no possible remedy. Incidentally, because of a greatly increased call for gas for munition works and the resulting excessive amount of tar products to be disposed of, a sudden and serious pollution of the River Tame took place from the Saltley Gas Works belonging to the Birmingham Corporation, which resulted in the destruction of a large number of fish in the River Trent. The circumstances were enquired into jointly by the County Council, the Birmingham Tame and Rea Drainage Board, and the Trent Fishery Board, with the result that steps were taken to prevent a recurrence of the pollution, and, I understand that, by way of compensation, the Birmingham Corporation gave a grant to the Fishery Board of £100.

One other pollution which gave rise to the destruction of fish in the River Sow at Stafford was specially enquired into. Although it was not possible to trace this pollution to its definite source, circumstances rather favoured the view that it arose from some irregularity at the Stafford Gas Works. The enquiry failed to establish the fact that any pipe or drain from the gas works communicated with the stream direct, but owing to the absence of any drain plan it was difficult to determine whether there was any indirect communication between the works and the stream. Since the occurrence steps have been taken by the Engineer of the Works to trace all the drains for the purpose of preparing an accurate plan, and it is understood that the County Council will be supplied with a copy of such plan.

The Council are again to be congratulated upon the success which has attended the arrangements for the gratuitous bacteriological examinations in suspected cases of diphtheria, enteric fever, and tuberculosis, as the following figures show :—

entre the rubblended		Diph	THE	ил.		Tua	ERCL	Е.	E	NTER	ic F	EVER.
eipetuit will also in pos- line Anets an of the Midwryse Act.	Positive.	Negative.	Doubtful.	Total.	Positive	Negative.	Doubtful.	Total.	Positive.	Negative.	Doubtful.	Total.
Commencement of Scheme, Oct. 20, 1898, to June 30, 1899	110	101	1	212								
from July 1, 1899, to June 30, 1900	196	180	2	378								
(From Jan., 1900, to June 30, 1900					9	14		23	5	4		9
From July 1, 1900, to June 30, 1901	350	350	30	730	30	70		100	36	36	2	74
,, ,, 1901 ,, ,, 1902	190	367	14	571	25	67		92	26	32	3	61
,, ,, 1902 ,, ,, 1903	247	421		668	45	77		122	8	41		49
,, ,, 1903 ,, ,, 1904	183	324		507	41	107		148	3	34	4	41
., ,, 1904 ,, ,, 1905	231	494	22	747	36	100		136	8	24		32
,, ,, 1905 ,, ,, 1906	271	469	15	755	56	103		159	13	34	4	51
a ,, ,, 1906 ,, ,, 1907	714	771		1485	82	120		202	18	45		63
<i>b</i> ,, ,, 1907 ,, ,, 1908	660	943		1603	47	103		150	5	33	1	39
,, ,, 1908 ,, ,, 1909	335	637		970	48	155		203	15	132	3	150
,, ,, 1909 ,, ,, 1910	350	904	1	1255	62	187		249	11	57	1	69
c ,, ,, 1910 ,, ,, 1911	442	1518	1	1961	55	196	1	252	13	69	3	85
d " " 1911 " " 1912	311	1035		e1346	13	253		266	11	202	4	217 f
,, ,, 1912 ,, ,, 1913	175	549		724	109	424		533	10	35		45
<i>i</i> ,, ,, 1913 ,, ,, 1914	449	1249		g1698	102	536		638	4	51		55
,, ,, 1914 ,, ,, 1915	471	1218		<i>k</i> 1689	110	410		520	21	52		73
j ,, ,, 1915 ,, ,, 1916	297	774		k1071	87	343		430	11	30	1	42
Totals from commencement of Scheme to June 30, 1916	5980 1	2304	86	18370	957	3265	1	4223	218	911	26	1155

a Seven special examinations of Cerebro-Spinal fluid for Meningococcus,
b From this year onwards, excluding Smethwick, now a County Borough.
e Excluding five Pottery Towns which, with Hanley, now constitute the new County Borough of Stoke-on-Trent.
d Handsworth added to Birmingham C.B., November 9, 1911.
e Including 224 " Contacts."
f Including 109 Special Blood Examinations from Cheddleton Asylum.
g Including 185 " Contacts."
h Including 17 " Contacts."
i Twelve Special Examinations of Cerebro-Spinal fluid and curche for Medica.

i Twelve Special Examinations of Cerebro-Spinal fluid and swabs for Meningococcus,
 j Thirty-two ditto ditto ditto.
 k Including 106 "Contacts."

As regards the number of examinations for suspected tuberculosis, the considerable reduction this year is explained by the fact that the fitting up of the laboratory at the Tuberculosis

5

Dispensary at Wolverhampton has enabled the Tuberculosis Officers of the Southern Area to make such examinations for themselves, a practice which it is anticipated will also be possible in the Northern and Mid-Staffordshire Areas.

With reference to the administration of the Midwives Act, 1902, the Council have already been informed as to the progress of the work in the two divisions of the County, but the following statement, which I have compiled from official returns and from information supplied by the Inspectors, will indicate the present position of the County as regards the number of midwives on the Register, and the number who have notified their intention to practise, as well as other details.

The number of certificated midwives on the Roll is 585, of whom 320 have notified their intention to practise, 129 being trained midwives. In addition to these, 48 midwives residing in county boroughs and adjoining counties have also notified their intention to practise within the administrative county.

The ages of midwives who were practising in the administrative county on the 30th June, 1915, and 1916, are indicated in groups in the following table :—

1	00 01	863	25 to 45.		45 to 65.		65 and Upwards.		Total.	
		District.	1915.	1916.	1915.	1916.	1915.	1916.	1915.	1916.
	No.th		48	37	77	74	32	33	and the second se	144
	South		53	66	79	66	32	39	164	171
1	Total		101	103	156	140	64	72	321	315

As regards the number of cases attended by midwives during 1915 in the two areas respectively, the figures are as follows :—

1

2

1

55 58

19

\$5

12.

35.5

2.4

41 41 1.4

221

eonghe nuder ountyp	No. of Midwives.	Births attended.	Total Births.	Percentage attended by Midwives.	Mean number of cases attended per Midwife.
North	 152	3497	5970	58·5	23°0
*South	166	7828	11437	68·4	46°5

· Excluding Wednesfield.

The total number of cases attended by midwives only in the Administrative County during 1915 (excluding Wednesfield) was 11325, the total number of births registered being 17407. It thus appears that midwives attended approximately 65 per cent. of the total births in the county, which is the same percentage as for the previous year.

During the period covered by this summary (July 1st, 1915, to June 30th, 1916), in compliance with the rules of the Central Midwives' Board, 1482 notifications have been received from certified midwives.

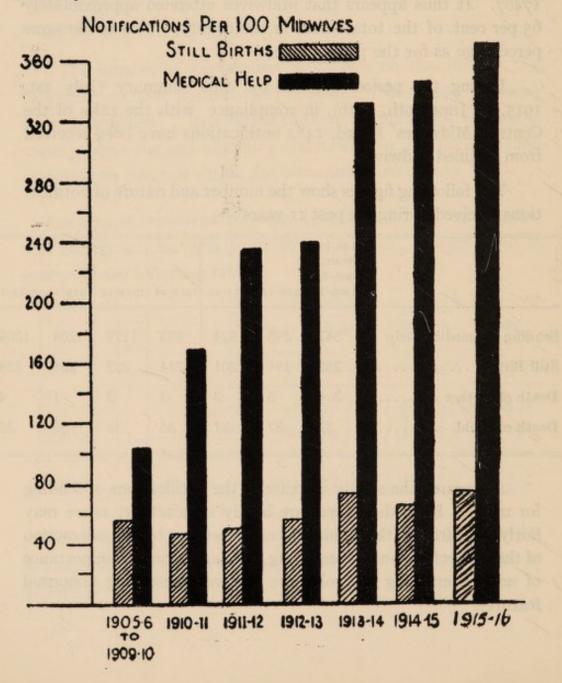
The following figures show the number and nature of notifications received during the past II years :---

	Mean 5 yea 1909 to 1909	rs, 6		191	1-12	1912-13	1913-14	1914-15.	1915-16.
Sending for medical help	5	47	695	9	24	893	1179	1204	1209
Still Births	2	85	191	12	201	214	252	226	234
Death of Mother	3	.4	5		3	3	2	1	4
Death of Child		37	37		37	36	35	30	35

As regards the steady increase in the notifications of sending for medical help, the figures are highly satisfactory, as we may fairly infer from it that midwives are benefiting by the instruction of the Inspectors, and are realising more and more the importance of not undertaking the sole care of cases presenting abnormal features.

These figures are all the more satisfactory in view of the fact that in 1907 Smethwick was constituted a County Borough, thus removing 40 certified midwives from the number under the control of the Local Supervising Authority of the County, and also because of the transference of 73 midwives to the Local Supervising Authority of the County Borough of Stoke-on-Trent, constituted in 1910, and the inclusion of Handsworth in the County Borough of Birmingham in November, 1911.

The significance of these figures becomes more apparent when represented in diagramatic form showing the relative proportion of medical help and still birth forms per 100 midwives in each year :--



It will thus be seen that while the notifications of still births were pretty constant, varying between the limits of 43 and 73 per 100 midwives, the corresponding figures of sending for medical help steadily progressed from 63 in 1905-6 to 378 in 1915-16, an increase of 500 per cent.

To some extent the marked increase during the past three years in the medical help cases may be accounted for by the Treasury maternity grant of 30s.

The following figures show the causes which occasioned the sending for medical help :---

Causes of sending for medical aid.	1	Northern District,	Southern District.	Total.
Pregnancy :				ano.
Abortion		20	20	40
Threatened abortion		I	2	3 .
Puffiness of face and hands .		4	5	9
Premature birth		5	7	12
Fainting		I	2	3
Varicose Veins		I	3	4
Fits		-	5	5
Vaginal discharge		I	In-	I
Unsatisfactory condition .		_	2	2
Prolapse of uterus		I	- 1	I
	-	34	46	80
LABOUR :	-		COL CINA.	200 -
Abnormal presentation		27	72	99
Delayed or difficult		95	201	296
Diaconto provio		_	I	I
IT-muchano anto		15	19	34
Ditta		8	28	36
Talamaia			2	2
D 1 food			15	15
× , 1 ·		51	100	151
Retained placenta and membrane	es	17	48	65
TT		5	in the second	5
Count		2		2
Turnetia		18	15	33
Contracted patrice			8	8
Frank Frank	-	238	509	747

9

Causes of sending for medical aid.	1-SIMO	Northern District.	Southern District.	Total
Lying-in :				
High temperature		14	39	53
Inflamed and painful leg		I	2	3
Unsatisfactory condition		14	8	22
Offensive lochia		2	_	2
Sores of genitals		I	_	I
Rigor		_	2	2
Abdominal swelling & tende	rness		5	5
CHILD :		32	56	88
Deformities		7	13	20
Convulsions		6	4	IO
Inflamed and discharging eye	es	31	35	66
Feebleness and prematurity		41	117	158
Unsatisfactory condition		7	7	14
Rash		I	2	3
Pemphigus		_	6	6
Whooping cough		I		I
Spina Bifida		2	8	IO
Hare lip and cleft palate		_	6	6
		96	198	294
Grand Total,		400	809	1209

Unless reliable information is otherwise forthcoming, it is the routine practice to specially enquire into the circumstances attending all still-births reported by midwives, also, in special circumstances, inquiries are made into cases where medical help is sent for as well as when deaths of mothers or infants are reported, and it is the invariable practice when cases of puerperal fever attended by a midwife only in the first instance are reported to specially inquire into the circumstances. In the following table figures are given showing the number of ordinary visits paid by the Midwife Inspectors as well as special visits, the outcome of notifications received :—

VISITS OF INSPECTORS, NOTIFICATIONS, INQUIRIES, &C., DURING THE TWELVE MONTHS, JULY IST, 1915, TO JUNE 30TH, 1916.

	Duce	peral Fever.	3	12	15
	ths.	Child.	S	28	33
Inquiries.	Deaths.	Mother.	2	2	4
Ing		Still Births.	46	102	148
	Madical	Assis- tance.	51	73	124
	Phor.	peral Fever.	80	20	28
Notifications.	hs.	Child.	ß	30	35
Noti	Deaths.	Mother.	2	7	4
		Still Births.	76	158	234
n miesa IgaiturA	Medical Accie.		400	809	1209
1	Inter-		484	706	1190
	Visits.		567	744	1311
	Un- trained		94	46	191
	Trained.	A POWER	58	71	129
No. of	Midwives on List.		152	168	320
	District		North	South	Total

II

As regards the number of visits paid by the two inspectors, it will be seen that those in the southern area largely exceed those in the northern. This is entirely accounted for by the fact that the population in the south is larger and much more concentrated, thus necessitating the expenditure of less time in travelling, and these facts were taken into account in constituting the two areas, the object being to equalise the work as far as possible.

In addition to the routine enquiries, 19 reported irregularities were specially investigated. Of these, nine were dealt with by letters of caution from the County Medical Officer of Health; four were formally censured by the Local Supervising Authority; five were reported to the Central Midwives Board; and in one case the midwife voluntarily surrendered her certificate. Another midwife also voluntarily surrendered her certificate on account of ill-health. As regards the five midwives dealt with by the Central Midwives Board, the certificates were cancelled ⁱn each case.

Since the Act came into operation, the names of 78 midwives have been removed from the Roll as the result of representations to the Board by the Local Supervising Authority.

It would appear that the policy of the Local Supervising Authority in prosecuting women who, though uncertificated, have practised as midwives, has had the desired effect, for, during the year under review proceedings had to be taken in one such case only.

During the year six midwives have died.

In the following table particulars as regards equipment, etc. of certificated midwives are set forth :— PARTICULARS AS TO EQUIPMENT AND EFFICIENCY OF MIDWIVES VISITED.

Reasonable knowledge as to	of Mother	mometer. Write. etcr. Manage-	143	167
an-		Pass Cath- eter.	68	71
No. who can	1 1 1 1 1	Write.	132	121
nsilio		mometer.	146	153
No. reasonably clean as to		Home.	147	167
No. reasor as		Person.	146	167
	Case Books	Forms.	152	168
	ed.	NII.		1
Requirements.	Bags Equipped.	Fully. Partially.	9	41
Re			146	127
	District. Washing	Aprons.	152	168
	District.		North	South

Summary of the Year's Work.

13

As regards the Sale of Food and Drugs Acts, the administration of the Acts in this County by the Public Health Committee of the County Council is highly efficient.

The County is divided into two areas under the charge of two Senior Inspectors, who have under them assistants, and who also have the power of appointing further temporary assistants as occasion requires. The work under the Weights and Measures Act is also under the same administration and staff.

As regards the number of samples collected, this County compares favourably, I think, with other counties. In the following table I have set forth the samples which were analysed during the year 1915, together with the results :—

	No. of Samples Sub- mitted.	No. Genuine.	No. Adulter- ated.	Cautions	Prosecu- tions.	Convic- tions.
Arrowroot	11	11				
Butter	473	451	22*	2	11	11
Camphorated Oil	1	1		and. The		
Cayenne Pepper	2	2				
Cheese	3	3				
Cocoa	1	1				
Coffee	30	29	1	1		
Cream	1	1		1		-utit.
Cream (Preserved)	4	4				difference
Cream of Tartar	3	3				
Flour	21	21				
Flour (Self-raising)	10	10				b In
Ginger (Ground)	22	22				
Lard	88	88				
Margarine	24	24			2†	2
Milk	1149	1055	94§	21	65	64
Mustard	6	6				
Pearl Barley	1	1				
Pepper	. 60	60				
Rice	3	3				
Spirits	94	85	9	4	5	5
Sugar	3	3				
Tartaric Acid	1	1		·		
Tea	1	1			·	
Totals	2012	1886	126	28	83	82

* Seven unofficial; one repeat sample; one case withdrawn and wholesale dealer proceeded against. † Exposed for sale unlabelled. § Four cases withdrawn; wholesale dealer proceeded against in two cases; two taken direct from cows.

Area and Population.

Summary of Statistics with Comments.

AREA AND POPULATION.

I have no alteration to record this year in the area of the Administrative County, neither have the areas of the constituent districts been altered since my last report. As the outcome of a Local Government Board Enquiry the area of the Borough of Stafford will be enlarged by the absorption of adjoining parts of the Stafford Rural District, but the Order does not come into force until April 1st, 1917.

The populations of the various districts are, for the purpose of this report, based upon the figures of the civil population, supplied to me by the Registrar-General, but the figures came to me too late to allow of their being made use of in all of the reports of the district medical officers of health. In working out the death-rates for this report, however, I have made use of them, but the populations on which the birth-rates are estimated differ from those used in estimating the death-rates. The former are worked out on the estimated general population at the middle of 1914, while the latter, as stated, are calculated upon the civil populations as supplied by the National Register of August, 1915.

The arguments for this procedure are as follows : As regards the birth-rates, the births registered in 1915 would relate to the population before its disturbance by the war and, therefore, it would not be suitable to base this calculation upon the civil population of 1915. It is true that error may arise owing to imigration, and the Registrar-General points out that the medical officers of health are not precluded from making use of any local information in that direction which would permit of a truer estimate being arrived at. As regards the death-rates on the other hand, as the deaths registered during 1915 occurred among civilians, the Registrar-General points out that the rates should be based upon the civilian population. This departure will, however, render

Population—Births.

less valuable the factors of correction for age and sex poulation, and concerning this the Registrar-General says " difficulties, which will probably prove insoluble, remain as to estimation of populations in age and sex groups and the standardizing factors dependant upon them." Notwithstanding this, however, as the Registrar-General in the summary tables issued in his report for the last quarter of 1915, has made use of the standardizing factors, for age and sex correction, I have also made use of them for the purpose of this report.

In the following table the census figures of population of the Administrative County for 1911, and the civil population in the middle of 1915 are set forth, the urban being distinguished from the rural districts :—

	Census, 1911.	Civil Population middle of 1915.
Urban	453323	455040
Rural	207232	201667
Total	660555	656707

* Excluding Wednesfield.

BIRTHS.

The births registered in the Administrative County (excluding Wednesfield) numbered 17,407, the number in the urban districts being 12,620 and in the rural districts 4,787.

The mean birth-rates in the whole Administrative County and in the urban and rural districts respectively, for five quinquennial periods and for the past two years (those for 1915 being calculated in the manner described), are shown in the following table, in which corresponding rates in England and Wales and in the large towns in England, compiled from the Registrar-General's returns, are included :—

Births-Deaths.

	in and any produced	BIRTH-RATE PER 1000 OF POPULATION.								
	DISTRICTS.	5 Years 1889-1893.	5 Years 1894-1898.	5 Years 1899-1903.	5; Years 1904-1908.	5 Years 1909-1913.	1914.	1915.*		
hire	Combined Urban & Rural	33.6	33.2	32.5	30.3	27.8	27.5	25.6		
ords	Urban	35.5	34.7	33.6	31.5	29.2	29.1	27.0		
Staffordshire	Rural	30.2	30.5	30.2	27 · 0	24.4	23.8	22.5		
En	gland and Wales	30.8	29.7	28.7	26.9	24.5	23.8	21.8		
La	rge Towns in England	31.5	30.7	29.7	27.8	25.2	25.0	22.8		

* Excluding Wednesfield.

It will be noticed that there is a considerable decrease in the birth-rates both in urban and rural areas, and that the decline is equally marked in England generally and in the large towns.

DEATHS.

The number of deaths among the civil population of the Administrative County amounted to 10,007, the number in the urban districts being 7,238, and in the rural districts 2,769.

In the following table comparative rates for five quinquennial periods and for the past two years are given, together with corresponding figures for the country as a whole, and for town and country districts throughout England :—

			DEATH	I-RATE PEI	R 1000 OF H	OPULATION		
	-201 What Do selants	5 Years 1889-1893.	5 Years 1894-1898.	5 Years 1899-1903.	5 Years 1904-1908.	5 Years 1909-1913.	1914.	1915.*
hire	Combined Urban & Rural	18.1	16.9	16.1	14.6	14.1	14 • 1	15.2
ordsl	Urban	18.9	17.5	16.6	15.1	14.7	14.9	15.9
Staffordshire	Rural	16.8	15.7	15.1	13.4	12.7	12.3	13.7
	gland and Wales	19.1	17.4	16.9	15.3	13.9	14.0	15.1
La	rge Towns	21.0	19.0	18.2	15.8	14.3	14.7	15.6
Co	untry Districts	17.6	15.9	15.7	14.9	13.6	13.4	14.8

* Excluding Wednesfield,

Deaths.

It will be noticed that there is a considerable increase in death-rates, both of urban and rural districts, and that a corresponding increase has occurred in England as a whole. To what extent, if any, this increase may be attributed to the altered basis of calculation adopted owing to the disturbance of the population because of the war it is impossible to say, but one is certainly justified on such grounds in not regarding the figures too pessimistically.

The death-rates in urban and rural districts, together with the figures upon which they are based, are shown in the tables at the end of this report. In the following table the figures are given for those urban districts in which the rates this year exceed 16.0 per 1,000, together with figures and remarks bearing on the influence which causes, preventable and more or less non-preventable, have had in causing such high rates. The districts are placed in order in accordance with the death-rates, the highest being placed first. The fact must not be overlooked, however, that there are other districts, besides those appearing in the table, in which the rates were by no means satisfactory, as a glance at the detail tables at the end of this report will show :—

DISTRICT.	per 1000 on.	ation of 1915.	l persons	death-rate of popula-	, &c.	Increase tricts fr diseases,	Position as regards mean death rate for			
	Death rate per of Population.	Civil Population to middle of 1915	Number of to the Acre.	Zymotic d per 1000 of tion.	Occupation,	Measles.	Whoop- ing Cough.	Diarrhæa and Enteritis.	Diseases of Respi- ratory Organs.	previous to years.
					Work-		6.2			
Bilston	20.1	25229	13.2	3'40	ing class	slight Con-	slight	slight	con- sider- able	18.8
Tipton	19.9	32005	14.2	4.11		sider- able	Con-	slight	slight	15.1
Willenhall	18:3	18880	14.7	4.33	,,		sider-	slight	-	17'0
Coseley	17.9	22817	6. I	1.83	**	-		-	slight	16.0
Newcastle	17.7	19282	28.7	2.05	.,	-		-	slight	16.8
Darlaston	17.5	17384	19.0	1.01		-	-	-	slight	18.2
Lichfield	16.7	8196	2.3	1.28	Mostly residen-	-	_	-	-	14.6
Stone	16.6	5223	4'9	0.92	tial Working	-	-	-	-	14.8
Wednesbury	16.5	28414	12'4	1.20	class	-	-	-	-	15.2
										and the second second

Infantile Mortality-Zymotic Death-rate.

INFANTILE MORTALITY.

It is satisfactory to be able to record that the decline in infant mortality in the Administrative County during recent years has been maintained, the urban mortality being 117 this year compared with 120 the previous year, and the rural 86 compared with 85. As it cannot be said that the climatic conditions were by any means favourable to a low infant deathrate, one is inclined to hope that efforts in the direction of improving general sanitary conditions, and special efforts directed towards a reduction in this rate are beginning to manifest themselves.

ZYMOTIC DEATH-RATE.

The death-rate from zymotic diseases, including under that heading, according to the Registrar-General's classification, the seven principal ones, viz., small-pox, measles, scarlatina, diphtheria, fevers, whooping-cough, and diarrhœa, although higher than in 1914, is not much in excess of that for the two preceding quinquennial periods. The increased rate this year is practically entirely attributable to the prevalence of measles and whooping-cough, diseases which are not very amenable to preventive measures :—

In the following table comparative figures are given for the five quinquennial periods from 1889 to 1913, and for the past two years :—

DISTRICTS.		ZYMOTIC MORTALITY PER 1000 OF POPULATION.								
DISTRICTS.	5 Years 1889-1893.	5 Years 1894-1898.	5 Years 1899-1903.	5 Years 1904-1908.	5 Years 1909-1913.	1914.	1915.1			
Superior of the second	1.73	2.15	1.80	1.48	1.48	1.33	1.57			
De Virban	1.98	2.54	2.07	1.73	1.75	1.59	1.81			
Z Rural	1.30	1.44	1.28	0.88	0.83	0.73	1.02			
England and Wales	2.13	2.09	1.87	1.55						
Large Towns in England	2.74	2.77	2.40	1.95						

* Excluding Wednesfield.

Small-pox—Measles—Scarlet Fever.

SPECIAL ZYMOTIC DEATH-RATE.

Small-pox.—With the exception of one case of small-pox which occurred at the Military Detention Barracks, Stafford, and was isolated in the Borough Small-pox Hospital, and another case which was notified in Leek urban district, the County has again been free from cases. As regards the latter case, although every precaution was taken, including isolation, disinfection, and vaccination of contacts, it proved in the end to be a case of chicken-pox which at first presented marked signs of modified small-pox.

Measles.—In the Administrative County, 356 deaths occurred from measles, as compared with 178 in 1914, equal to a rate per 1,000 of the population of 0.54, as against 0.25. Of these deaths, 282 occurred in the urban districts, or 0.62 per 1,000, and 74 in the rural districts, producing a rate of 0.37 per thousand.

	MEASLES.	5 Years 1889-1893	5 Years 1894-1898.	5 Years 1899-1903.	5 Years 1904-1908.	5 Years 1909-1913.	1914.	1915.
Urban	{ Number of Deaths	195	239	188	211	268	154	282*
	Rate per 1000	0·50	0∙58	0•42	0·41	0·54	0·32	0·62*
Rural	{ Number of Deaths	66	69	40	39	30	24	74
	Rate per 1000	0·29	0•30	0·17	0·19	0·14	0·11	0·37

In the following table corresponding figures are given for five quinquennial periods, and for the past two years :—

* Excluding Wednesfield.

Scarlet Fever.—In the Administrative County, 48 deaths occurred from scarlet fever, as compared with 64 in 1914, equal to a rate per 1,000 of the population of 0.07, as compared with 0.09. Of these deaths, 41 occurred in the urban districts, or 0.09 per 1,000, and 7 in the rural districts, producing a rate of 0.03 per 1,000. In the following table corresponding figures are given for five quinquennial periods, and for the past two years :—

SCARLET FEVER.	5 Years 1889-1893.	5 Years 1894-1898.	5 Years 1899-1903.	5 Years 1904-1908.	5 Years 1909-1913.	1914.	1915.
He Sumber of Deaths	76	95	87	56	43	57	41*1
	0·19	0·23	0·19	0·11	0·08	0·12	0·09*1
Rate per 1000	39	37	36	16	11	7	7
	0·17	0·16	0·15	0·08	0·05	0·03	0.03

Scarlet Fever—Diphtheria—Whooping Cough.

22

* Excluding Wednesfield.

Diphtheria and Membranous Croup.—In the Administrative County, 105 deaths occurred from diphtheria and membranous croup, as compared with 111 in 1914, equal to a rate per 1,000 of the population of 0°16 in each year. Of these deaths, 69 occurred in the urban districts, or 0°15 per 1,000, and 36 in the rural districts, producing a rate of 0°17 per 1,000. In the following table corresponding figures are given for five quinquennial periods, and for the past two years :—

DIPHTHERIA.	5 Years 1889-1893.	5 Years 1894-1898.	5 Years 1899-1903.	5 Years 1904-1908.	5 Years 1909-1913.	1914.	1915.
$ \begin{array}{c} {\tt H} \\ {\tt H} \\ {\tt H} \\ {\tt H} \\ {\tt R} \\ {\tt R} \\ {\tt ate per 1000 } \\ \dots \end{array} $	16	79	91	84	56	76	69*
	0·04	0•19	0·20	0·16	0·11	0•16	0·15
Rate per 1000	20	52	72	28	26	35	36 [*]
	0·09	0·23	0·31	0·14	0·12	0·16	0•17

* Excluding Wednesfield,

Whooping Cough.—In the Administrative County, 220 deaths occurred from whooping cough, as compared with 162 in 1914, equal to a rate per 1,000 of the population of 0.33, as against 0.23. Of these deaths, 179 occurred in urban districts, or 0.39 per 1,000, and 41 in rural districts, producing a rate of

Whooping Cough—Enteric Fever—Diarrhæa & Enteritis. 23

0.20 per 1,000. In the following table corresponding figures are given for five quinquennial periods, and for the past two years :—

WHOOPING COUGH.	5 Years 1889-1893.	5 Years 1894-1898.	5 Years 1899-1903.	5 Years 1904- 1908.	5 Years 1909-1913.	1914.	1915.
$ \begin{bmatrix} I & Number of Deaths \\ Rate per 1000 $	182	172	152	175	132	135	179*
	0•47	0·42	0·34	0·34	0·27	0·28	0·39*
Rate per 1000	52	54	44	42	40	27	41
	0·22	0·24	0·19	0·20	0·19	0·12	0·20

* Excluding Wednesfield.

Enteric Fever.—This disease, which must be looked upon as being entirely preventable, caused 14 deaths, compared with 25 in 1914, equal to a rate of 0.02, as against 0.03. Of these, 12 occurred in urban and 2 in rural districts, equalling a rate per 1,000 of the population respectively of 0.02 and 0.01. In the following table corresponding figures are given for five quinquennial periods, and for the past two years :—

	ENTERIC FEVER.	5 Years 1889-1893.	5 Years 1894-1898.		5 Years 1904-1908.	5 Years 1909-1913.	1914.	1915.
- ps	Number of Deaths	59	84	71	49	24	20	12*
	Nate per 1000	0·15	0·20	0·16	0·09	0·05	0·04	0·02*
H {	Tumber of Deaths	29	19	22	6	9	5	2
	tate per 1000	0·12	0·08	0·09	0•03	0·04	0·02	0·01

* Excluding Wednesfield.

Diarrhœa and Enteritis.—In the Administrative County, 291 deaths occurred from diarrhœa and enteritis, compared with 373 in 1914, equal to a rate per 1,000 of the population of 0.44 as against 0.54. Of these deaths, 244 occurred in urban districts, or 0.53 per 1,000, and 47 in rural districts, producing a

Diarrhæa-Tuberculosis.

rate of 0.23 per 1,000. In the following table corresponding figures are given for five quinquennial periods and for the past two years :---

DIARRHŒA.	5 Years 1889-1893.	5 Years 1894-1898.	5 Years 1899-1903.	5 Years 1904-1908.	5 Years 1909-1913.	1914.	1915.
Rate per 1000	242	359	336	309	336	315	244*
	0.62	0·87	0·75	0•60	0•68	0•66	0·53*
Rate per 1000	88	93	81	40	56	58	47
	0·38	0·41	0·35	0·20	0·27	0·27	0•23

* Excluding Wednesfield.

Tuberculosis.—Since February 1st, 1913, Tuberculosis, which had been partially notifiable previously, became notifiable generally, both pulmonary and other forms.

In the following table figures are given showing the number of primary notifications received from medical practioners, medical officers of institutions, and school medical inspectors during the twelve months, sub-divided as regards sex, age periods, and locality of disease. PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

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Summary of Notifications during the period of twelve months from 3rd January, 1915, to 1st January, 1916.

_									DIG		Inspe	Medical Inspectors.
5 10	15	20	25	35	45	55	65		Tudar	S	10	
to to	to	to	to	to	to	to	-dn	Total.	Cuder	to	to	Total.
10 15	50	25	35	45	55	65	warus.		o	10	15	
			1	İ	1	İ						
26 18	20	48	44	84	47	33	10	431	1	29	18	47
29 45	48	57	100	73	37	15	4	422	1	34	37	72
27 9	co	4	°co	ŝ	ŝ	-	1	127	1	cO	4	12
28 15	Ξ	4	9	9	8	1	1	102	1	6	10	20
	00 10 0 10		50 48 50 48 57 5 4 11 7	50 48 50 48 58 57 1 5 4 11 7	50 48 97 48 57 100 5 4 8 11 7 6	50 48 97 84 48 57 100 73 5 4 8 5 11 7 6 6	50 48 97 84 47 48 57 100 73 37 5 4 8 5 5 11 7 6 6 2	50 48 97 84 47 33 48 57 100 73 37 15 5 4 8 5 5 1 11 7 6 6 2 -	50 48 97 84 47 33 10 48 57 100 73 37 15 4 5 4 8 5 5 1 1 11 7 6 6 2	50 48 97 84 47 33 10 431 48 57 100 73 37 15 4 422 5 4 8 5 5 1 1 127 11 7 6 6 2 - - 102	50 48 97 84 47 33 10 431 $ 48$ 57 100 73 37 15 4 422 1 48 57 100 73 37 15 4 422 1 5 4 8 5 5 1 1 127 $ 11$ 7 6 6 2 $ 102$ 1	50 48 97 84 47 33 10 431 $ 29$ 48 57 100 73 37 15 4 422 1 29 48 57 100 73 37 15 4 422 1 29 5 4 8 5 5 1 1 127 $ 29$ 11 7 6 6 2 $ 102$ 1 9

Tuberculosis.

25

Tuberculosis.

It is interesting to note that fewer notifications have been received this year than in 1914, and still fewer than in 1913, although for that year compulsory notification had only been in operation for eleven months. The figures are 1,722 for 1913, 1,399 for 1914, and 1,233 for 1915. No doubt the diminishing figures are explained by a surmise I made two years ago that the early figures would be higher than those of the succeeding few years, because they naturally would include a considerable number of cases of long standing.

GENERAL MORTALITY TABLES.

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TABLES SHEWING THE RESULT OF WORKING OF THE NOTIFICATION ACT.

28 NOTE.—In the following tables the individual zymotic mortality is given in order to indicate readily the class of disease that has mostly contributed to the gross rate. Apart from this, no accurate deductions can be drawn from such figures for one year only.

at all ages and among Children under I year, and the Death-rates from Zymotic Diseases, Phthisis, Table showing Population, Number of Persons per Acre, Birth and Death-rates, as well as the Death-rates URBAN. Diseases of the Respiratory Organ, &c.

		Congenital Debility Malformation, inclue Premature Birth.		1.94	1.21	1-28	1.58	0-58	1.76	1.15	1.53	1.89	0.57	11-11
	s'ti	Nephritis and Brigh Disease.		0.32	0.67	0:77	0.15	0.24	0.22	60.0	0.08	0.17	0.16	0.55
		.mailodoolA		:	:	1	0.04	:	:	0.03	:	:	:	:
		Cirrhosis of Liver.		:	90.0	0.12	0.04	0.16	:	90.0	0.13	:	:	:
		Other Diseases of Respiratory Organs.		:	90.0	:		:	0-22	0.13	0.08	0-17	0.16	11.0
	•(s	mnot lls) sinomusaq		1-29	0.88	1.41	2-01	1-16	1.59	1.44	2.67	2.70	3.03	0.44
		Bronchitis.		3-23	2.57	17.0	3.56	1 - 74	1.65	1.31	1.31	1.78	1.39	1-56
		Cancer, Malignant Disease.		1.94	10.1	0.51	0.83	0.74	0.79	0.85	1.00	98.0	0.65	1.00
	siti su	Tuberculous Mening and other Tuberculo Diseases,		:	0.40	0.12	19.0	0.24	0.17	65.0	0.17	0-51	0-16	0.55
		Phthisis.		0.32	19-0	0.51	1-22	1.08	0.62	0.65	0.74	0.74	1.06	0.55
	00 of	Diarrhœa and Enteritis.		:	0-27	:	1-18	0.49	0-28	0.42	0.78	0.80	0.24	0.22
	per 1000	Enteric Fever.	1	:	:	:	:	:	:	:	0.13	SO· 0	80.0	1
	mortality lation.	Diphtheria and Croup.	İ	0.32	0.34	:	:	1.74	0.17	60.0	0.13	20·0	:	0.22
		Whooping Cough.	Ī	:	0-67	277-0	78-0	0-16	0.05	0-16	0.04	11.0	0-24	0-78
	zym	Scarlet Fever.		:	:	0.25	0.04	0.08	0.23	90.0	80.0	:	:	:
	Individual	Measles.		:	0.40	1.28	1.30	80.0	16.0	0.19	0.65	0.57	0.24	19.0
	H	.xoqllam2	-	:	:	:	:	:	:	;	:	:	:	:
1	·u	Zymotic mortality per 1000 of populatio		0.32	1.69	2.31	3.40	2-57	1.65	96.0	1.83	1.61	0.82	1-89
	000	Mortality in children under one year per le registered births.	Ī	171	109	120	154	78	102	66	142	148	83	127
		Standardized Death- rate.	1	15.6	15.1	13.8	19.8	14 - 8	13-9	13.5	17-6	17-8	14 - 1	14 - 3
		Standardizing Factor		0-9881	1-0133	0.9855	0.9888	0.9898	1.0174	0.9913	0.9886	1.0202	1.0082	0766.0
	1	General mortality pe 1000 of population.	-	15.8	15.0	14-1	20-1	15.0	13.7	13.7	17-9	17.5	14.0	14.4
		Birth-rate per 1000 of population 1914.	1	20.2	27.7	24.3	30.6	25-9	31.2	30.4	28.3	30.0	27.0	25.5
		Number of persons per acre.		4.6	1.7	1.3	13.5	11.8	2.7	3.7	6.1	19 - 0	13.7	2.8
	ntion nges.	Civil Popul- ation, 1915.		3091	14756	7773	25229	12034	17564	30337	22817	17384	12174	8972
	Population at all ages.	Census P 1911. a	1	3155	14776	7422	25681	12263						
		District.		Amblecote .	:	Biddulph	Bilston	Brierley Hill		Cannock	:		NI	

Deaths occurring during the year 1915, classified according to Diseases, Ages, and Localities, together with Births occurring during the year.

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pət	Diseases ill-defit	9	:	:	1	7	3	3	:		:	:
	Other Defined	80	44	28	110	42	46	127	112	71	20	34
	Suicides.	-	ŝ	:	4	:	:	24	-	-	1	-
-niəxə	Violent Deaths, ding Suicide.	÷	18	9	17	00	15	25	12	80	9	10
anibula	Congenital Debili Malformation, inc Premature Birth	9	18	10	40	7	31	35	35	33	4	10
Youes and	Other Accidents Diseases of Pregn and Parturition.	6	3	-	-	-	-	-	-	-	-	-
	Puerperal Fever.	:	-	3	:	:	- 1	-	-	:	:	-
-	Nephritis and Bright's Disease.	-	10	9	4	33	4	e	5	3	2	ŝ
	Alcoholism.	:			-	5		2 1				
	Typhlitis. Cirrhosis of Liver	:	:	•	3	-	:	3	-	:	:	:
	Enternus. Appendicitis and		4	:	0	9		3	18	-		
1011	Respiratory Orga Diarrhoea and	:	-	-	30		-	13		14		
	Other Diseases of	:	-	:	:	:	4	4	64	m	64	-
	Pneumonia (all forms).	4	13	=	51	14	28	44	61	47	37	4
	Bronchitis.	10	38	9	90	21	29	40	30	31	17	14
"asteas	Organic Heart Di	10	14	=	19	19	18	25	40	34	13	15
	Meningitis.	-	;	-	:	;	-	5	00	4	5	-
	Rheumatic Fever.	:	:	:	64	:	~	2	in	:	:	:
1	Cancer, Malignant Disease.	9	15	4	21	6	14	26	23	15	00	6
s	Other Tuberculou Diseases.	:	ŝ	-	6	-	-	1	3	7	-	4
	Tuberculous Meningitis.	:	-	-	00	5	61	ŝ	-	61	-	-
sıλ	Phthisis (Pulmon Tuberculosis).	-	10	4	31	13	Ξ	20	17	13	13	ŝ
	Erysipelas.	:			3	:	:	:	:	-	:	:
	Croup.		-	10	7	:	5	10	10	3	-	61
	Diphtheria and	-	ŝ	:	;	21	3	ŝ	3	-	:	64
	Whooping Cough.			9	22	2	-	ŝ	-	61	3	1
	Scarlet Fever.		:	61	-	-	4	64	10	:	:	:
	Measles.		9	. 10	. 33	-	. 16	9	. 15	. 10	°.	9
	Smallpox.			:	:	:	:	:	3	1	1	:
	Enteric Fever.	:	:	:	:	:		:				
	.sbiewqu bns 88	19	56	22	100	46	67	124	93	75	49	37
s at	42 and under 65	10	45	26	106	36	30	69	98	55	43	29
ause	Years. 25 and under 45	4	32	13	50	21	28	47	50	33	17	6
all c	years. 15 and under 25	:	=	00	15	7	7	23	16	80	=	9
s from all cau subjoined ages	5 and under 15	0	9	ŝ	24	24	14	19	18	10	9	13
Deaths from all causes at subjoined ages.	years.	0	15	LO.	36	14	17	23	24	17	00	10
Dea	2 and under 5	- 1	=	00	54	00	23	21	30	28	2	12
	1 and under 2	=	46 1	23	124 5	25	56 2	91 2	93 3	79 2	30	30
	.sear 1 wear.	49		110	509 1	181	242	417	410	305	171	130
	Deaths from all	64			801 50	320 18	544 24	920 41	654 41	532 3(359 1	236 1
	Births.			191	30	-		92	65			
		1				10				:	vn	:
	District.	Amblecote		hd		Brierley Hill	Brownhills	ck .		ton	Heath Town	Kidsgrove
	Dist	able	Audlev	Biddulph	Bilston	ierle	0WD.	Cannock .	Coseley	Darlaston	ath	dsgr
I.		An	Au	Bit	Bil	Br	Br	Ca	S	Da	He	Ki

29

	Malformation, includ	96.0	76.0	.13	0.40	1-17	69.1	0.67	. 58	.95	.98	1.06	0.76	1.36	.36	1
pue	Nephritis and Brigh Disease. Congenital Debility a	0.39 0	0.73 0	0-67 1	0-40 0	0-65 1	0.52 1		0.24 1.	0.48 1	0.36 1	0.29 1	0.38 0	0.41 1.		-
	Alcoholism.	:	:		:	:	:	:	::	:	:	0.09	::	0.27 0	:	-
	Cirrhosis of Liver.	0.17	0.24	0.10	:	0.26	0.02	0.22	:	:	:	0.19 0	0.57		0.18	-
	Other Diseases of Respiratory Organs.	0.05	:	0.15	:	0.13	20.0	:	:	0.24	0.22	0.04	0, 19	:	0.18	
•(s	Pneumonia (all forma	1.01	0.48	2.17	2.81	1-57	1.38	0.67	2.06	0.73	1.54	1.25	1.53	1.09	0.92	
	Bronchitis.	1-47	16-0	1.39	1-20	1.83	1.93	1.12	1.03	1.71	1.39	1.63	1.33	1.50	0.92	
	Cancer, Malignant Disease.	1.24	2.44	1.19	:	0 · 78	16.0	1.35	0.79	0.48	0.51	0.82	1.53	0.95	0.73	-
	Tuberculous Meningi and other Tuberculor Diseases.	0.16	0.24	0-62	:	:	0.31	0.22	0.42	0.24	0.22	0.24	0.38	0.13	:	
	Phthisis.	1.35	1.46	1.50	0-80	0.65	0.73	0.22	1.09	0.24	0.73	1.78	1.33	1.09	0.55	Borough.
00 of	Diarrhosa and Enteritis.	0.22	0.73	0.62	:	0.39	0-52	0.22	0.18	0.24	0.36	0.34	0.38	0.27	:	to the B
per 1000	Enteric Fever.	:	0.12	:	:	:	0.02	:	:	:		:	:	:	:	
ity	Diphtheria and Croup.	0.45	:	0.15	:	0.13	0.02	:	0.18	:	0.14	:	:	:	:	not belonging
21	Whooping Cough.	0.11		0.46		:	0.20	0.22	0.73	0.98	0.80	0.19	0.57	:	0.55	Institutions r
d zymotic pop	Scarlet Fever.	0.17		0.20	0.40	0.26	0.15	:	:	0.73	:	0.14	:	:	0.18	1.0
Individual	Measles.	0.11	0.73	0.57	:	0.78	0.31	:	0.12	0.73	0.51	0.09	:	0.41	0.18	Public
E	.xoqliam2	:	1	1	ł	1	:	;	:	÷	-	1	-	1	:	is in
۰u	Per 1000 of population	1.07	1.58	$2 \cdot 02$	0.40	1.57	1.25	0.45	1.21	2.69	1.83	0.77	0.95	0.68	0.92	persor
	Mortality in children under one year per 10 registered births.	97	110	104	99	141	134	50	116	117	112	95	54	110	51	* Excluding persons in Public
-	Standardized Death- rate.	15.1	14 - 8	17.4	10.3	14 - 5	15.1	12.6	14.8	13.9	14.1	15.6	14.6	14.4	10.6	* E3
	Standardizing Factor	1.0028	0-3873	0-9887	1.0642	0.9991	1.0209	0.9134	0.9906	0.9523	1.0308	1.0278	0.8798	0.9564	0,9002	
I	General mortality pe 1000 of population.	15-1	16.7	17-71	2.6	14 · 6	14 · 8	13.9	15.0	14.6	13.7	15.2	16.6	15.1	11.8	
	Birth-rate per 1000 of population 1914.	19-1	18.3	25 - 8	24 - 7	28-9	27-6	22.1	27.1	34.0	31.2	22.8	22.6	20.6	17.9	
	Number of persons per acre.	12.0	2.3	28.7	9.0	11.4	6.6	6.8	4.2	3.8	5.0	19.1	4.9	25.7	3.5	
ion at	Civil Popul- ation, 1915.	17658	8196	19282	2458	7636	38274	4438	16459	4084	13606	*20760	5223	7311	5408	
Population all ages.	Census 1 1911.	16663	8616	20201	2403	7393	37000	4504	16527	4075	13559	*21856	5688	7738	5381	
	District.	Leek	Lichfield	Newcastle .	Perry Barr	QuarryBank	RowleyRegis	Rugeley	Sedgley	Short Heath	Smallthorne	Stafford	Stone	Tamworth.	Tettenhall	

URBAN-continued.

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1		ot unknown.	1			-		15		:	5	-	19	:	12	:	=
	p	Diseases ill-define	1	:	:				:						16 1		12 1
		Other Defined Diseases.		53	46	85		10	148	30	83	14	20	88	-	32	
	22	Suicides.		-		2	:	:	9		ŝ	-	:	3	:	:	
	-np	Violent Deaths, ex ding Suicide.		6	:	2	-	2	21	m	10	-	1	Ξ	-	7	2
	saibu Baibu	Congenital Debilit Malformation, incl Premature Birth.		17	00	22	-	6	65	en	26	80	27	22	4	10	8
	ancy and	Other Accidents a Diseases of Pregna		:	:	-	:	-	5	:	-	-	4	5	:		-
		Puerperal Fever.	1	-	- :-	-	:	-	-	:	.:	÷	:	:	:	:	-
		Nephritis and Bright's Disease.		-	9	13	-	5	20	:	4	64	5	9	61	~	:
	-	Alcoholism.		:	1	:	-	:	:	-	1	-	:	61	:	61	:
	-	Cirrhosis of Liver.		3	5	5	:	5	-	-	:	:	:	4	3	:	-
		Appendicitis and Typhitis.		:	-	-	:	:	8	-	:	-	:	:	:	-	-
		Diarrhosa and Enteritis.		4	9	12	:	m	20	-	e	-	ŝ	2	61	61	:
	*S1	Other Fiseases of Respiratory Organ		-	:	3	:	-	3	:	-	-	e	-	-	:	-
		Pneumonia (all forms).		18	4	42	1	12	53	e	34	e	21	26	~	60	ŝ
		Bronchitis.	1	26	80	27	3	14	74	ŝ	17	7	19	34	2	Ξ	ŝ
	'asea	Organic Heart Dis	1	34	12	26	3	5	38	4	:	4	17	39	10	Ξ	10
		Meningrits.	1	31	:	0	:	~	3	-	:	-	:	61	-	3	-
	-	Rheumatic Fever.	1	:	:	2	:	:	3	:	-	:	:	-	:	2	:
		Cancer, Malignant Disease.		22	20	23	1	9	35	9	13	61	2	17		7	4
man.		Other Tuberculous Diseases.		e	5	5	:	:	6	:	5	:	-	5	-	:	:
contranae.		Meningitis.	1	:	:	7	:	:	3	-	2	-	3	:	-	-	;
100	4.11	Tuberculosis).	1	24	12	29	5	ŝ	28	-	18	-	10	37	2	00	e
		Erysipelas.	1	2	:	-	:	:	-	:	:	:	:	-	:	:	:
DAU		Influenza.	İ	4	4	2	÷	÷	5	-	-	i	÷	-	÷	-	:
N		Diphtheria and Croup.		00	:	e	:	-	-	-	0	:	61	:	:	:	:
		Whooping Cough.	1	5	:	6	:	:	00	:	12	4	Ξ	4	3	:	3
		Scarlet Fever.	1	3	- 1	4	-	2	9	:	÷	3	:	00		:	-
		Measles.		5	9	Ξ	:	9	12	-	6	3	7	5	:	3	-
		Smallpox.	i	÷	:	:		:	:	:	÷	÷	:	:	÷	:	
		Enteric Fever.		:	-	- :	:	:	-	1	:	:		:	÷	:	:
	1	e5 and upwards.		96	51	83	10	17	145	30	99	15	36	103	46	43	28
		45 and under 65		64	40	84	5	24	98	6	50	4	38	79	19	27	14
	auses es.	Years. 25 and under 45		36	14	47	4	13	61	4	27	5	16	46	5	=	9
	Deaths from all causes at subjoined ages.	years. 75 and under 25	1	7	e	10	-	5	34	m	6	-	12	14	:	61	10
	rom	years.	1	19	6	19	-	80	25	4	10	=	9	4	61	6	m
	t sub	2 and under 5	Í	10	9	20	3	7	28	6	2	-	12	10	9	4	61
	Dea	years.	1	4	3	25	:	10	37	5	25	3	16	00	3	4	-
		Under 1 year.	1	32	18	55	4	31	141	10	53	17	51	50	2	18	10
		'səsneə		268	137	343	24	112	569 1	62	247	60	187	317	87	E	64
		Births. Deaths from all	1	327 2	163 1	525 3	60	219 1	1045 5	100	454 2	145	452 1	525 3	129	163 1	97
		Biethe		:	-					-	4	-	4		1		-
		ť					Perry Barr	Quarry Bank	Rowley Regis			th	Je .		-	:	Tettenhall
		District.			eld	istle	Bar	y Ba	y R	sy	у.	Hea	hor	p		orth	hall
		Dis		Leek	Lichfield	Newcastle	irry	arr	owle	Rugeley	Sedgley .	Short Heath	Smallthorne	Stafford.	Stone	Tamworth	tten
			1	Le	Li	Z	Pe	à	R	Rt	Se	Sh	Sn	Sta	Sto	Ta	Te

URBAN-continued.

1	Premature Birth.			-		-	_	1 -		-
Sai	Congenital Debility a Malformation, includ	1.18	0.76	1-26	:	1-48	0 - 79	1.28	:	
s,1	Nephritis and Brigh Disease.	0.24	0.38	0.80	:	0.26	0.36	0.36	:	
	Alcoholism.	0.21	:	0.03	:	:	:	0.03	:	1
	Cirrhosis of Liver.	90.0	:	0.10	:	0.05	0.10	0.08	:	
	Other Diseases of Respiratory Organs.	0.24	:	0.14	:	0.42	0.03	0.11	:	
.(Pneumonia (all forma	2.24	1.34	1-12	:	1.26	1.12	1.59	1	
	Bronchitis.	1.65	0.57	1.57	:	1.32	1 · 73	1.66	:	7).
	Cancer, Malignant Disease.	1.02	1.53	1.36	:	0.84	0-79	96.0	:	ity 16 -7
sit	Tuberculous Meningi and other Tuberculou Diseases.	0.31	0.38	0.31	:	0.31	0-72	0.34	:	ve Coun
	Phthisis.	0.62	96.0	1-50	:	0.89	62-0	0.94	:	corresponding urban rate in Administrative County 16.7).
lo of	Diarrhœa and Enteritis.	1.09	:	0.59	:	0-95	0.47	0.53	124 -4	n Admi
per 1000	Enteric Fever.	90.0	:	0.03	:	:	20.0	0.02	0.04	n rate i
rtality ion.	Diphtheria and Croup.	0.12	0.19	20.07	:	:	0-14	0.15	0 · 16	ig urbai
zymotic mortality population.	.идиоЭ диідоойW	0.31	:	0.10	:	2.43	0.18	0.39	0.23	spondir
	Scarlet Fever.	0.03	:	20.0	:	0.05	20.0	60.0	0-07	-
Individual	Measles.	2.49	:	0.63	:	68.0	0.21	0.62	0.50	0 birth
In	.xodllem2	1 :	:	÷	÷	:	:	1 :		1,00
.,	Per 1000 of population Der 1000 of population	4.11	0.19	1.50	:	4.33	1.15	1.81	:	ted to 14.
00	Mortality in children under one year per 10 registered births.	139	101	114	:	154	92	117	:	calcula e of 19
	Standardized Death- rate.	19 - 3	12.7	16.6	:	18.8	14.0	15 . 9	15 -9	s; rate middl
	Standardizing Factor	0.9735	0.9543	1.0071		1-0304	1.0365	1-0001	:	Under 2 years; rate calculated to 1,000 births Estimated to middle of 1914.
L	General mortality pe 1000 of population.	19 - 9	13.4	16.5	:	18.3	13.6	15 · 9	15.6	† Und ‡ Esti
	Birth-rate per 1000 of population 1914.	30.8	19-9	27.2	:	28.0	25 - 8	27-0	22 -8	
	Number of persons per acre.	14.7	5-0	12.4	:	14.7	5.0	5.7	:	
ion at	Civil Popul- ation, 1915.	32005	5203	28414	:	18880	27614	55040	‡ 188918	
Population	Census Popul 1911. attom	31756	5717	28103	:	18844	27335	453323 455040	 	
-			:		PI			-		
	District.	Tipton	Uttoxeter	Wednesbury	Wednesfield	Willenhall	Wolstanton.	Totals and Averages	96 large towns in England, average population	

URBAN-continued.

	Statistics of the		-				TATA	
1 1	Diseases ill-defined	26	4	:	:	33	30	174
	Other Defined Diseases.	148	22	130	:	56	60	736 1
	Suicides.	0	:	00	:	-	9	40 1736
-np	Violent Deaths, ex-	25	4	15	:	9	21	271
Suib	Premature Birth.	300	4	36	:	28	22	584 2
JCA	Diseases of Pregnau and Parturition.	4	:	4	:	10	3	60
pu	Puerperal Fever.	1 :	-	4		-	-	
	Bright's Disease.	00	10	23	:	10	0	15
	Alcoholism. Mephritis and		:	1 2	:		100	165
	Cirrhosis of Liver.	0		00		1	3	38 14
	Appendicitis and Typhilitis.	-	-	-	:	-	:	11
	Diarrhoea and Enteritis.	35	:	17	:	18	13	244
'5	Other Diseases of Respiratory Organ	00	:	4	:	80	-	54
12	Pneumonia (all forms).	72	-1	32	:	24	31	724
	Bronchitis,	53	60	45	:	25	48	757
'əsea	Organic Heart Dise	30	ŝ	30	÷	30	33	551
	Meningitis.	10		5	:	4	4	93
	Rheumatic Fever.	0	:	61	:		64	29
	Cancer, Malignant	33	00	39	:	16	22	438
	Other Tuberculous	8	:	00	-	ŝ	15	103
	Tuberculous Meningitis,	64	2	-	:	3	10	22
nà	Phthisis (Pulmons). Tuberculosis).	20	ŝ	43	:	17	22	430
	Influenza. Erysipelas.	7 1		2	:		4 1	0 14
	Diphtheria and Croup.	4	-	61	:	:	4	69 70
	Whooping Cough.	10	:	3	:	46	10	
	Scarlet Fever.		:	64	:	1	5	41 179
	Measles.	80	:	18	:	17	9	
	Smallpox.	:	:	:	:	:	:	282
	Enteric Fever.	61	:	-	:	:	21	12
-	es and upwards.	145	23	117	:	82	106	
at	years.	E	12	96	:	21	20	1430 1930
Auses S.	years.	52 1	6	63	:	35	53	811 1
d age	years.	25	4	26	:	14	21	305 8
Deaths from all causes subjoined ages.	5 and under 15 years.	41	~	19	:	10	22	344 3
ths fr sub	years.	54	4	20	:	29	13	403 34
Deat	years.	74	3	41	:	44	22	
	1 and under 2	138	12	68	:	82	69	8222
	'səsnəə	640 1	20	471	:	347	376	12620 7238 1485 530
	Deaths from all	992 6	118	780 4	:	531 3	750 3	20 72
	Births.	:			:			
	CT.		ег	Wednesbury	field .	ID	Wolstanton	
	DISTRICT	Tipton	Uttoxeter	Ines	Wednesfield	Willenhall	stan	Totals
	A	Tip	Utt	Wed	We	Will	Wol	Ē
	1 1 N							

URBAN continued.

800	Malformation, includ			0.70	0.80	1.08	83	70	88		1-45	65	41	
pue	Disease.		-	-		-	3 0-83	01-70	88.0 6		-	6 0.65	8 0.41	
s,11	Nephritis and Brigh	-	06.0	5 0.35	3 0.07	0.21	0.53	0.19	0.29	0.25	0.48	6 0.19	8 0.08	
	Alcoholism.		:	0-05	0-03	:	:	:	:	:	:	90-06	0.08	
	Cirrhosis of Liver.		06-0	:	20.0	0.21	0-14	:	0.04	:	:	0.19	0.08	
	Other Diseases of Respiratory Organs.		:	:	:	0.21	:	90.0	0.08		:	0.26	:	
•(s	Pneumonia (all forma		:	1.20	96.0	1.30	2.64	1.15	1.09	1.51	1.12	1.04	1.48	
	Bronchitis.		:	1.15	1.07	1-52	1.61	9.76	1.22	1.01	0.64	1.43	0.57	
	Cancer, Malignant Disease.		1.36	0.80	0.80	0-43	1-27	0.76	1.48	2-52	1-77	1-10	1.40	
s tit	Tuberculous Mening and other Tuberculou Diseases.		:	0.25	0.34	0.65	0.14	0.31	0.16	0.50	0.16	0.32	0-41	
	Phthisis.		0.45	0.55	0.53	1.65	1.07	69.0	0.50	:	0.32	12.0	0.33	
0 of	Diarrhœa and Enteritis.		:	:	0.23	:	0.63	0.38	0.29	1.01	:	:	0.16	i.
per 1000 of	Enteric Fever.		:	:	:	:	:	:	:	:	:	:	:	Asylui
lity	Diphtheria and Croup.		:	:	20.0	:	0 · 19	0.57	0.04	:	0.48	0.19	80.0	ntwood
	Whooping Cough.		0-45	0.15	0.42	0-21	60.0	0.25	0-12	:	:	0.13	80 . 0	Inmates of Burntwood Asylum.
zym	Scarlet Fever.		:	0.10	:	:	0.04	0.12	:	:	0.16	90.0	:	nmates
Individual	Measles.		:	0.10	0.27	0.65	0.19	0.51	0.34	0.50	:	0.13	0.74	
In	.xoqlism2		:	;	:	:	;		:	:	;	:	:	ding
1.	Per 1000 of population		0.45	0.35	1.00	0.87	1-17	1.85	08.0	1.51	0.64	0.52	1.07	* Excluding 1000
00	Mortality in children under one year per 10 registered births.		18	69	95	136	120	93	78	36	101	80	56	
-	Standardized Death- rate.	İ	11.0	11.3	14.2	12.7	14 - 5	12.4	12.0	13-1	12.9	12.3	8.11	
	Standardizing Factor.		0-8432	0-9419	0.9539	0-8188	0.9253	0.9313	0-9706	0-8569	0-9426	0-8773	0.9194	
	General mortality per 1000 of population.		13.1	12.0	14.9	15-6	15.7			15.4	13.7			
	Birth-rate per 1000 of population 1914.	Ī	23.0	23.8	21.0	18.3	97.6			21.2	20-0	21-0	21.7	
	Mean area per person in acres.		6.1	9.6	0.6	6.9		4.4	5.9	6.2	3.2	2.8		
tion	Civil Popul- ation, 1915.	-	1000	19936	05050	4693	ave de	14641		3957	6198	15348		
Population	Census Popul 1911. 1915.	-	7996	10706				20002		3915	6410	15074	11777	
	District.		Diam Hanth	Diore neau	Chandle	Cheadle	GDOSALI	ford	T intend	Maufield	Nomeostla	Seisdon	Stafford	

RURAL.

	ot unknown.	4	:	:	3	32	0	55		:	51	:
p	Diseases.	~	88	51	10	25	60	36	17	30	18	28
	Other Defined	-	61	6 1	-	:	00	0	:	2		0
	ding Suicide.	5		4	13	:	9	00	2	3	4	-
-nlox	Violent Deaths, e.		10	-			-		200			
	Congenital Debili Malformation, incl Premature Birth,	:	14	21	5	17	Ξ	21	:	6	10	5
ancy and	Other Accidents a Diseases of Pregn and Parturition.	:	-	-	:	-	2	-	-	:	:	-
	Puerperal Fever.	:	:	;	:	-	:		1	- 1	1	:
	Rephritis and Bright's Disease.	61	4	64	-	=	3	-	-	3	3	-
	Alcoholism.	:	-	-	:	÷	:	1	1	-	-	-
-	Cirrhosis of Liver	64	:	5	-	3	:	-	:	:	3	-
	Appendicitis and Typhitis.	:	:	3	:	-	:	-	-	:	5	1
	Diarrhosa and Enteritis.	:	;	9	-	13	9	-	4	:	:	5
	Other Fiseases of Respiratory Organ	:	P	:	-	:	-	5	-	:	4	:
	Pneumonia (all forms).	3	24	25	9	54	18	26	9	4	16	18
-	Bronchitis.	-	23	28	-	33	12	29	4	4	22	1
· 958 9	Organic Heart Dis	10	26	54	14	29	25	27	=	2	36	16
	Meningrus.	:	-	3	-	03	:	3	:	:	-	-
	Rheumatic Fever.	:		3	:	-	3	:	:	:	3	
17	Disease.	~	16	21	2	26	12	35	10	=	17	17
	Diseases. Malignant	:	6	9	-	2	2	3	-	-	2	13
	Meningitis. Other Tuberculous			-			3	-	-		3	3
	Tuberculous	:	5	3	6	-		-	-	:		
A.D.	Phthisis (Pulmons). Tuberculosis).	-	Ξ	14	3	22	14	12	:	6	=	4
	Erysipelas.	1 :	:	:	:	:	-	1	-	5	2	-
	Influenza.	-	64	15	:	:	64	4	:	-	-	:
	Diphtheria and Croup.	:	:	6	:	4	4 9	3	:	· ·	3	-
	Whooping Cough.	-	ŝ	=		61			:	:		
-	Scarlet Fever.	:	61	1	:	-	61	:	:	-	-	:
	Measles.	:	61	1	~	4	8	00	64	:	64	6
	Smallpox.	:	:	:	:		:	:	:	:	:	
	Enteric Fever.	1	:	:	:	-		:	:	:		-
	eg sug nbwards.	15	109	156	32	88	67	128	29	29	65	62
	years. 45 and under 65	0	32	84	12	73	43	54	13	20	78	31
uses s.	years. 25 and under 45	10	28	32	00	23	21	30	-	9	20	19
Deaths from all c auses at subjoined ages.	years. 15 and under 25	:	10	15	-	Ξ	00	6	3	61	-	ŝ
om a	years.	0	6	15	-	12	15	00	3	=	თ	10
as fro	2 sud under 15 years.	10	10	12	3	21	6	00	6	-	8	7
Death	2 and under 5	1.	8		3	24 2	14	10	-	3	4	10
I	1 and under 2	:	34	55 20	12	71 2	33 1	48 1	3	13	27	15 1
	Under 1 year.	0			72 1		57960		61	85 1		-
	Deaths from all causes.	1 29	8 240	8 389		8 323	5 210	5 295			4 218	6 157
	Births.	54	488	578	88	588	355	615	82	128	334	266
	ICT.	Blore Heath				Kingswinford		d	I	tle		Stafford
	District.	e H	Cannock	Cheadle	sall	gswi	×	Lichfield	Mayfield	Newcastle	Seisdon	fford
1	ñ	Blor	Cant	Chea	Gnosall	Kin	Leek	Lich	May	New	Seis	Stat

RURAL-continued.

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										4	TUNION		COMMENCO.											
	Population all ages.	tion at	100		1		-	000	·u	Individual	1200	zymotic mortality population.	nortality ation.	per 1000	10 Of		sit		-	-(1			s,3	but Buil
District.	Census Popul- 1911. 1915.	Civil Popul- ation, 1915.	Mean area per person in acres.	Birth-rate per 1000 of population 1914.	General mortality pe 1000 of population.	Standardizing Factor	Standardized Death- rate.	Mortality in children under one year per 10 registered births.	Per 1000 of population	Smallpox. Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria and Croup.	Enteric Fever.	Diarrhosa and Enteritis.	Phthisis.	Tuberculous Meningi and other Tuberculou Diseases.	Cancer, Malignant Disease.	Bronchitis.	Pneumonia (all forma	Respiratory Organs.	Cirrhosis of Liver. Alcoholism.	Nephritis and Brigh	Disease. Congenital Debility i Malformation, includ Fromature Birth.
Stoke-on-	4774	4692	2.0	28-1	13.4	0.9773	13.0	143	1.70		:	0.42	0.42	0.21	0.64	0.64	0-21	0.21 0	0.42 2	2.13			.0	21 2.13
Stone	14387	13710	4.9	1.61	13.8	0.8990	12.4	68	0.51	0.07	10	0-14	0-14	:	0.14	0.43	20.0	0.94 1	1 60.1	1-16		20.0	0	29 0.65
Tamworth .	5113	5124	4.2	20.8	12.2	0-8927	10.8	36	0.78	0.58	8	:	:	:	0.19	1 - 75	0.78 (0.58 1	1-17 0	0-58 0.	. 68.0	:	. 0.19	9 0.19
Tutbury	9087	8490	3.0	19 .4	12.2	0.9221	11 -2	45	0.58	0.23		0.11	0.23	:	:	0.94	0.47 (0-58 0	0-82 0	02.0		0-23	0	23 0.58
Uttoxeter	8152	7383	6.4	18.5	11.3	0-9136	10.3	99	0.27	0.13	::	:	:	0.13	:	0.40	1 29.0	1.08 0	0.67 0	29.0			:	0.40
Walsall	10991	12272	6.0	31-7	15-1	0 · 9746	14 · 7	114	3-25	1.79	6,	0.65	0.57	:	0.24	1.05	0.16 (0.81 1	1.30 1	1-30 0.0	0 -08 0.	0.16	0	32 1-22
Totals and Averages		207232 201667	3.0	22 · 5	13.7	0-9262	12.6	86	1.02	0.37	17 0.03	3 0-20	0.17	0.01	0.23	0.67	0.29	1.04 1	1-09 1-	1-28 0-05		0.08 0.02	0.26	6 0.77

RURAL-continued.

pəu	Diseases ill-defi or unknown.	:	34	:	3	11	00	204
	Diseases.	14	33	16	29	5	35	688 2
	Suicides.	-	61	-	-	-	:	58
-nįəxə	Violent Deaths,	63	6	5	09	e	0	91
Saibulo	Congenital Debil Malformation, in Premature Birth	10	6	-	ŝ	~	15	156
nancy	Other Accidents Diseases of Pregn and Parturition.	-	:	:	:	:	-	10
Section and the section of the secti	Puerperal Fever	:	:	1	-	:	: 1	10
	Bright's Disease.	-	4	-	5	:	4	23
	Alcoholism.	-	1	1	2	-		4
	Typhitts.	:	-	:		:		9 18
	Appendicitie and	:	-	:	:	:	:	
	Enteritis.	3	6	-	:	:	~	47
	Other Diseases o Respiratory Orga	:	:	61	:	:	-	=
	Pneumonia (all forms).	10	16	3	9	5	16	259
	Bronchitis.	61	15	9	-	ŝ	16	221
'estes	Organic Heart D	'n	30	8	16	2	12	328 2
	Meningitis.	:	-	:	-	:	:	12
	Rheumatic Fever	:	:	- 1	1	;	-	12
3	Cancer, Malignan Disease.	-	13	3	ŝ	80	10	210
51	Other Tuberculor Diseases.	-	:	10	-	3	61	32
	Tuberculous Meningitis.	:	-	5	e	61	:	27
IIIA	Phthisis (Pulmot Tuberculosis).	0	9	6	80	3	13	36
	Erysipelas.	-	:	:	÷	:	:	
	Croup.	1 01	00	:	9	:	-	40
	Diphtheria and	10	61	:	61	1	-	36
	Whooping Cough.	10	61	:	-	:	80	14
	Scarlet Fever.		1	:	:	:	:	
	Measles.	:	-	c.0	64	-	22	74
	Smallpox.	:	:	:	:	:	:	1
	Enteric Fever.	1 00	:	:	:	-		
	e2 and upwards.	18	96	24	56	38	42	1054
is at	45 and under 65	un	38	00	Ξ	19	26	550
cause ges.	years. 25 and under 45	8	Ξ	10	14	00	21	271
all ed a	years. 15 and under 25	-	5	6	5	5	-	97
Deaths from all causes at subjoined ages.	5 and under 15 years.	0	6	64	4	~	17	134
aths	2 and under 5	-	4	64	64	-	12	105
De	years.	1	9	4	4	ŝ	20	144
	Under 1 year.	20	19	4	00	10	41	414 144
	Deaths from all	63	190	63	104	84	186	
-	Births, from all	139	279	109	176	151	357	4787 2769
	-tr-ta				G :			
	Ë	Tree			TOOL			1
	District.	-00-5		~ ~			all .	Totals
	Dis	Stoke-on-Trent	Stone	Tamworth	(Staffs.] Tutbury	Uttoxeter	Walsall	To
		1 0,	0			-	1000	

RURAL-continued.

Nett Deaths from stated Causes at various ages under One Year of Age. INFANTILE MORTALITY DURING THE YEAR 1915.

URBAN.

Total Deaths unde One Year,	:	:	67	1	72	6	5	12	6	11	19	70	:	139
9 Months and under 12 Mths.	:	:	41	:	20	2	-	2	2	00	LO	9	:	37
6 Months and under 9 Months.	:	:	20	:	27	2	::	S	-	3	10	89		25
3 Months and under 6 Months.	:	:	ŝ	:	-17	:	:	5	3	:	4	13		28
4 Weeks and under 3 months.	:	:	-	:	9	2	:	:	ŝ	:	3	18	:	41
Total under 4 Weeks.	:	:	:	-	2	:	-	:	:	:	61	25	:	80
3-4 Weeks.	:	:	:	:	-		-	:	:	:	61	61	:	13
2-3 Weeks.	:	:		:	-		:			:	:	7	:	3
1-2 Weeks.	:	:	:	-	:		:	:	:	:		5	:	5
Under 1 Week.	:	:		:	:	:	:		:	:	:	Ħ	:	-
R. M	:	:	-	:	:	:		:			:	:	:	:
	:	:	÷	:	:	:	:	:	;	:	:	:	:	:
EATH.	:	:	:	::	:		:	iis	sis	iseases	reulous)	:	:	:
CAUSE OF DEATH.	:	:			gh	d Croup	:	feningit	iberculo	lous D	t Tuber	:	:	:
CAUS	Small-pox	Chicken-pox	Measles	Scarlet Fever	Whooping Cough	Diphtheria and Croup	Erysipelas	Tuberculous Meningitis	Abdominal Tuberculosis	Cother Tuberculous Diseases	Meningitis (not Tuberculous)	Convulsions	Laryngitis	Bronchitis

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Total Deaths under One Year.	181	60	103	16	12	3	14	e	15	51	246	281	68	1485
9 Months and under 12 Mths.	67	12	12	-	-	2	:	:	:	4	:	6	7	242
6 Months and under 9 Months.	52	14	19	:	-	-	:	:	:	e	-	15	18	220
3 Months and under 6 Months.	40	20	37	9	m	:	e	:	:	2	3	36	17	241
4 Weeks and under 3 months.	18	80	30	7	~	:	3	:	:	80	18	75	17	260
Total under 4 Weeks.	4	9	2	2	4	P	6	ŝ	15	34	225	146	30	522
3-4 Weeks.	2	2	-	-	64	:	-	:	:	:	8	16	4	48
2-3 Weeks.	2	-	3	:	:	:	3	-	-	ŝ	19	29	e	77
1-2 Weeks.	:	:	-	-	:	:	3	-	2	e	27	22	9	74
Under 1 Week.	:	:	:	:	2	:	en	-	12	26	171	79	17	323
	:	:	:	-	:	:	:	:	:	:	-	:	:	:
		:	:	:	:	:	:	:	:	:	:			
	:	:	:	:	:	:	:	:	:	•	:	smus	:	Totals
ji.	:	:	:	:	:	:	:	:	;	ns	:	Mara	:	L
DEA	us)						Bu			atio		I pu		
OF	form	:	1	:	:	-	erlyi	:	:	form	ч	ity a	:	
CAUSE OF DEATH.	Pneumonia (all forms)	:	:	:	:	:	Suffocation, overlying	Injury at Birth		Congenital Malformations	Premature Birth	Atrophy, Debility and Marasmus	ses	
U	onia	ea					tion	at F	asis	ital	ture	y, D	Caus	
	mn	Diarrhœa	Enteritis	Gastritis	Syphilis	Rickets	floca	ury	Atelectasis	ngen	emat	roph	Other Causes	
	Pne	Dia	En	Gat	Syl	Ric	Sut	Inj	Ate	Col	Pr	At	Ot	
	1.17%	~	~							-		-		1

Nett Deaths from stated Causes at various ages under One Year of Age. INFANTILE MORTALITY DURING THE YEAR 1915.

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 Total Deaths under One Year.		:	18	3	-	5	;	3	5	-	4	30	-	40
-As-r		•	-		-							3		4
 9 Months and under 12 Mths.	:	:	=	2	2	-	:	:	:	:	3	-	:	4
 6 Months and under 9 Months.	:	:	5	-	m	-	:	3	:	-	:	ŝ	:	10
3 Months and under 6 Months.	:	:	8	:	3	:	:	:	2	:	-	4	-	8
4 Weeks and under 3 months.	:	:	:	:	:	:	:	:	3	:	-	10	:	=
 Total under 4 Weeks.	:	:	:	:	:	:	:	:	:	:	:	10	:	2
 3-4 Weeks.	:	:	:	:	:	:	:	:	;		:	:	:	3
2-3 Weeks.	:	:	:	:	:	:	:	:	:	:	:	:	:	-
1-2 Weeks.	:	:	:	:	:	:	:		:	:	:	3	:	3
Under 1 Week.	:	:	:	:	:	:	:	:	:	:	:	80	:	:
	:	:	:	:	:	:	-	:	:	:	1	:	:	:
		:	:	:	:	:	:	:	:	:	:	:	:	:
EATH.	:	:	:	:	:	:	:	is	sis	seases	(suom)	:	:	:
 E OF D	:	:	:	:	ıgh	d Croup	:	feningit	berculo	ilous Di	Tubero	:	:	:
CAUS		xo	:	ever	Cou	a and	-	N sno	ul Tu	bercu	lon) a	ns		
	l-pox	d-uat	les	et F	oping	theri	ipela	reulo	mime	r Tui	ngitis	ulsio	ngitis	chitis
	Small	Chick	Meas	Scarl	Who	Uph	Erysi	(Tube	Abdo	(othe	Meniu	Conv	Lary	Brond
CAUSE OF DEATH.				Scarlet Fever	Whooping Cough	CDiphtheria and Croup		C'Tuberculous Meningitis	Abdominal Tuberculosis	(Other Tuberculous Diseases	Meningitis (not Tuberculous)			

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Total Deaths under One	Year.	09	10	20	7	6	-	'n	-	9	15	91	50	28	414
nths and r 12 Mths.		13	5	-	en	:	:	:	:	:	:	:	:	5	50
r 9 Months.		18	:	4	-	:	-	:	:	:	:	2	e	ŝ	63
rths and editoria.	a Mo	17	4	4	61	:	:	-	:	-	61	3	4	7	99
sita and site.		00	2	00	-	:	:	2	:	:	2	2	10	:	63
eks. under	Total 4 We	4	61	e	:	64	:	3	-	5	=	81	33	=	172
Weeks.	3-4 /	5	-	3	:	-	:	-	:	-	-	3	3	-	19
Veeks.	5-3 M	-	-	:	:	-	:	:	:	:	-	7	4	4	20
Veeks.	V 2-1	:	:	-	:	:	:	-	:	:	4	4	7	-	23
r 1 Week.	obaU	-	:	:	:	:	:	:	-	4	5	67	19	5	110
		1	:	:	:	:	:	:	:	:		:	:	:	:
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÷		:	:	:	:	:	:	:	:	:	ns	:	Maras	:	-
DEAT		(su						(gui		:	natio		and 1		
40 2		1 for	:	:	:	1	:	verly	h		dform	rth .	dity	:	
CAUSE OF DEATH.		a (al	:	:	:	:	:	0) U	Birt	5	al Ma	e Bi	Deb	uses	
0		moni	-hœa	ritis	ritis	ilis	ets	Suffocation (overlying)	Injury at Birth	Atelectasis	Congenital Malformations	Premature Birth	Atrophy, Debility and Marasmus	Other Causes	
		Pneumonia (all forms)	Diarrhœa	Enteritis	Gastritis	Syphilis	Rickets	Suffc	Injui	Atel	Cong	Pren	Atro	Othe	
		1									0	~	~		1

Table showing Result of the Working of the Compulsory Notification of Infectious Diseases Act.

- NOTE.—Cases of Measles and Whooping Cough are only given when these are included in the diseases compulsorily notified. Small-pox, Scarlet Fever, Diphtheria, and Fevers alone are included in the percentage calculation of hospital cases.
 - In those districts against which an asterisk is placed, hospitals either exist or provision for isolation is made with other authorities

		5 and upwards	Deaths Under 5 and upwards	Cases treated in hos- Dital	Cases	Deaths 5 and upwards		Cases treated in hos- Dital	Cases	5 and upwards	Cases treated in hos- pital
URBAN.	Smallpox. Scarlatina. Diphtheria (including		::	} 3	18	wards		18	vards 52		59
	Membranous Croup) Fever,	:::		:	23 61	53		76	12		
	Enteric Fever,	::	::	:	::	::					1 :
	Continued Fever, Relapsing		::						++ + +		
	Puerperal Fever.			1 :	1 I 	:-		:			1 :
	Fever. Cholera.	::	::	:	11	::		:	::	::	:
-	Erysipelas.	:-	::	:	- 01	101		-	-4	::	:
	Phthisis.	:4	:-	:	1 : :	10:		:	24	4 :	:
	Other Tuber- culous Dis- eases.	::	::	:	::	40		:	:00	- :	:
	Acute Poliomyelitis.	::	::	:	::	::		:	::	::	1 :
	Meningitis.	::	::		::		Ī	:		::	
	Ophthalmia Neonatorum.	::	::	:		::		:		::	
	Whooping.	::	::			1 1		:		94	
	Whooping Cough.	11	1 : :	:	1 : :	2 :	11	:	1 : :	0:1	:

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1	Co . Mpooping	::	3	:	::	° :	:	:	- :	:	::	•• :	:1
	Measles.	::	30	:	::	:-	:	:	15-	:	::	9:	:
	Ophthalmia Neonatorum.	eo :	::	:	- :	::	:	:	::	:		::	:
	Cerebro-spinal Meningitis.	::	::	:	::	::	:	:	::	:	:=	::	:
	Acute Poliomyelitis.	++	::	:	::	::	:	:	::	:	::	::	:
	Other Tuber- culous Dis- eases.	12	12	:	0110	-01	:	215	eo :	:	3	99	:
	Phthisis.	64	31	:	21	13:	:	29	:=	:	56	- 6	:
	Erysipelas.	1910	-04	:		::	1	; 6	::	:	21	::	:
/	Cholera.	::	::	:	::	::	1 :	:	::	:	::	::	:
	Puerperal Fever,	111	::	:		11	:	:	::	:	: 20	:-	:
	Fever. Relapsing	::	::	:	::	::	:	:	::	:	::	::	:
	Continued Fever.	::	::	:	::	::	:	:	::	:	::	::	:
	Enteric Fever.	:-	11	1	::	::	:	:	::	:	::	::	:
	Fever, Typhus	::	: :	:	::	::	:	:	::	1	::	::	-
continued.	Diphtheria Membranous Croup).	4 20	::	3	16 73	5 16	43	10	-10	:	5 16	-01	5
cont	Scarlatina.	13	:-	41	19	- :	9	38	-00	:	40 93	64 :	24
	Smallpox.	::	::!	1.	1::	::	1		::		111	::	:
URBAN		Under 5	Under 5 5 and upwards	Under 5	Under 5	Under 5	Under 5	Under 5	Under 5	Under 5	Under 5	Under 5	Under 5 5 and upwards
		Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital
	District, Population, Percentage of Cases treated in Hospital.		BILSTON.* 25,229.	78-5.		BRIERLEY HILL.* 12,034.	41.8.		BROWNHILLS.* 17,564.	Nîl.		CANNOCK.* 30,337.	18.8.

-													
	Whooping Cough.	:	- :	:	::	. 2	:	1 : :	° :		1 : :		:
	Measles.	:	13	:	111	6-	:	1 : :	· · ·	:'	111	9 ::	
	Ophthalmia Neonatorum.	4 :	::	:	::	::			::	:	:	::	:
	Cerebro-spinal Meningitis.	:	1 : :	:	::	::	:	111	::	:	::	::	:
	Acute Poliomyelitis.	:	::	:	::	::		::	::	:	::	::	:
	Other Tuber- culous Dis- eases.	6	99	:	215	4 2	:	5		:		60	:
	Phthisis.	47	11:	1 :	50	112	1 :	27	13:	:	4	:0	:
	Erysipelas.	172	::	:	00	::	:	6	::	:	4	::	:
	Cholera.	:	::	:	::	::		111	::	:	::	::	
	Puerperal Fever.	:-	:-	:	::	::	:	::	::	:	-	:-	1 :
	Relapsing Fever.	1	::	1 :	::	::		::	::	:	::	::	1 :
	Continued Fever.	:	::	1	::	::	:	::	::	:	::	::	:
	Enteric Fever.	1	:00	:	:-	:-	-	2	:-	:	~	::	2
	Typhus Fever.	:	::	:	::	::	:	::	::	:	::	::	:
*nonmannon	Diphtheria (including Membranous Croup).	3	-15		-4	- :		e	::		16		15
	Scarlatina.	18 31		:	14 14	::	:	24	::	21	=	::	10
	.xoqllem2	÷	::		::	::			::			::	
ATU CANTO		Under 5 5 and upwards	Under 5	Under 5	Under 5 5 and upwards	Under 5 5 and upwards	Under 5 5 and upwards	Under 5 5 and upwards	Under 5 5 and upwards	Under 5 5 and upwards	Under 5	Under 5 5 and upwards	Under 5
and the second se		Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital
	District, Population, Percentage of Cases treated in Hospital.	* AG LAOUD	22,817.	Nil.	DADIACTON *	17,384.	4 · 7.	HFATH TOWN *	12,174.	72.4.	KIDSGROVE *	8,972.	.0.06

URBAN-continued.

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1	Congh.		: :	1:1		∞ :	:		: :	: :		=-	
	Weasles. Whooping	::	9:		::	=-			::				:
	Neonatorum.				6 :	-	-						1
	Meningitis. Ophthalmia			-							11		:
	Poliomyelitis. Cerebro-spinal			:			:	11		1		::	:
	eases. Acute	::	::	:	::	1 : :	:	11	::	:	5	::	:
	Other Tuber-		::	:	19 27	00 4	:	3	- :	- :	F	9-	:
	Phthisis.	:6	:0	:	43 2	26	:	11	:-		40	1-1	:
	Erysipelas.	:9	::	:	24	:-	:	101	::	:	18	1:	:
	Cholera.	::	::	:	::	::	:		::	:	::	::	:
	Fever, Puerperal		:-	:	:-	:-	:	::	::	:	61	1 : :	:
	Relapsing Fever.	::	::	:	::	::	:	::	::	:	::	::	:
	Continued Fever,	::	::	:	::	1::	:	::	::	:	::	::	:
	Enteric Fever.	::	11	:	:00	:-	9	11	::	:	-	::	:
	Typhus Typhus	::	::	:	11	1::	:	::	::	:	::	::	:
nea.	Diphtheria (including Membranous Croup)	6110	- :	-	12	- :			:-	:	24	e :	:
continued	Scarlatina.	15.00	10	:	33	40	:	62	::	:	32	::	:
60	Smallpox.	::	::	1	I I	1::		::	::	:	:	::	
UKBAN		Under 5	Under 5 5 and upwards	Under 5	Under 5 5 and upwards	Under 5	Under 5	Under 5	Under 5 5 and upwards	Under 5	Under 55 and upwards	Under 5	Under 5
		Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital
	District, Population, Percentage of Cases treated in Hospital.		QUARRY BANK.* 7,636.	3·3.		ROWLEY REGIS." 38,274.	4.7.		RUGELEY.* 4,438.	NII.	e int round	5EDGLEY.* 16,459.	Nil.

URBAN-continued.

1	Whooping	:	4:	:	::		:	::	4:	:	::	en :	:
	Measles.	:	-01	:	::	9-	:	::		:	::	::	:
	Ophthalmia Neonatorum.	:	::	:	::	::	:	<u>ه</u>	::	:	-	::	:
	Cerebro-spinal Meningitis.	:	::	:	::	::	:	::	::	:	::	::	:
	Acute Poliomyelitis.	:	::	:	::	::	:	::	::	:	::	::	:
	Other Tuber- culous Dis- eases.	:00	:-	:		-01	:	m 80	4-	:	4		:
	Phthisis.	:0	:-	1 :	23	- 6	1		37	:	13		:
	Erysipelas.	-01	::	:	15	::	:	14	:-	:	~	::	:
1	Cholera.	:	::	- :	::	::		::	11	:	::	::	:
	Puerperal Fever.	:	::	:	::	::	:	::	::	:	::	::	:
	Relapsing Fever.	1	::	:	::	::	:	::	:::	:	::	::	:
	Continued Fever.	:	::		::	::	:	::	::	:	::	::	:
	Enteric Fever.	:	::	:	:9	::	9	:-	::	-	::	::	:
	Fever. Typhus	:	::	:	::	::	:	::	::	:	::	::	:
continued.	Diphtheria (including Membranous Croup).		::	:	10 24	2	24	21	::	15	3	::	2
ntin	Scarlatina.	40	:00		41-	::	=	117	-10	124	38	::	37
	Smallpox.	:	::)	::	::		::	::			::	
URBAN		Under 5	Under 5	Under 5	Under 5	Under 5	Under 5 5 and upwards	Under 5 5 and upwards	Under 5	Under 5	Under 5	Under 5 5 and upwards	Under 5
		Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital
	District, Population, Percentage of Cases treated in Hospital.		SHORT HEATH.* 4,084.	Nil.		SMALLTHORNE.* 13,606.	80 • 3.		STAFFORD.* 20,760.	84-8.		5.223.	95-1.

Whooping	1::	1::1		1 : :	-10	1	1 :	1 :		6-	1	:	: :	1 : :	11	
Measles.	1 : :	m :	1 :	1:1-	:-	1	:			76 4	1					:
Ophthalmia Neonatorum.	::	::					:		•				-	1000		:
Cerebro-spinal Meningitis.	-:-					H	:	1 :-	2.4							:
Acute Poliomyelitis.	::	::		::			:		:		1					
culous Dis-		1 1	1	410	1			1					i			
Other Tuber-		- :	1 :		1 : :		:	4:	-	04		:				:
Phthisis.	:2	:00	1:	:0	:0		:	::	20	20		:	:2	:0		:
Erysipelas.	1-01	::	:	1-	::		-	000	23	- :		7		::		:
Cholera.	::	::	:	11	::		:	:	:	11		:	11	::		:
Fuerperal Fever.	11	::	1 :	::	11	1	:	:•	4	11		:	:-	:-		:
Fever. Relapsing	::	::	:	::	11		:	:	:	::		:	::	::		:
Fever. Continued	::	::	1	::	::		:	:	:	::		-	::	::		-
Enteric	14	::	:	::	11		:	:9	2			3	::	::		:
Typhus Typhus	11	::	:	11	::		:	:	:	::		:	::	::		:
Diphtheria (including Membranous Croup)		::	:	::	::		:	9		4 :		3	4	- :	-	
Scarlatina.	.64	::	-	:-	:=	ĪĪ	:	10	2	- :		26	6 2	::	İ	:
Smallpox.	::	::		::	::	Î		:	:	::	İ		::	::	İ	
	Under 5 5 and upwards	Under 5 5 and upwards	Under 5	Under 5 5 and upwards	Under 5 5 and upwards		Under 5 5 and upwards	Under 5	- 1	Under 5		Under 5 5 and upwards	Under 5	Under 5 5 and upwards		Under 5
	Cases	Deaths	Cases treated in hos- pital	Cases	Deaths		Cases treated in hos- pital	Cases		Deaths		Cases treated in hos- pital	Cases	Deaths		Cases treated in hos- pital
District, Population, Percentage of Cases treated in Hospital.	TAMWORTH *	7,311.	33-3.	TETTENHALL *	5,408.	Nil.			*'NOLAIT	32,005.	50.7.		UTTOXETER.*	5,203.	Nil.	1 1 1 1 1 1

URBAN-continued.

1	Whooping Cough.	::	e :	:	::	::	:	::	44	:	::	10 :	1:1
	Measles.	::	16	:	::	::	:	::	16	:	::	5-	:
	Ophthalmia Neonatorum.	19	::	:	::	::	:	::	::	:	<u>ن</u> ه	::	1
	Cerebro-spinal Meningitis.	- :	::	:	::	::	:	::	::	:	::	::	:
	Acute Poliomyelitis.	- :	::	:	::	::	:	::	::	:	::	::	:
	Other Tuber- culous Dis- eases.	38	2	:	::	::	:	ຕາເວ	m m	:	410	12 8	:
	Phthisis.	62	40	1	::	:	:	57	11	:	25	22	:
	Erysipelas.	°€‡	::	:	::	. :	:	15:	:-	:	15:	:-	:
	Cholera.	::	::	:	::	able	:	::	::		::	::	:
	Puerperal Fever,	:9	.4	:	::	vail 	:	::	:-		101	:-	:
	Relapsing Fever.		::	:	::	e :	:	::	::		::	::	:
	Continued Fever.	::	::	:	::	data 	:	::	::	:	::	::	:
	Enteric Fever.	:0	:-	1	:::	:	:		::	:	101	101	-
	Typhus Fever.	::	::	:	::	N0 	. :	::	::	:	::	::	:
ued.	Diphtheria (including Membranous Croup).	10			::	:::	:		::	:	11 32	- 00	38
continued.	Scarlatina.	15	10	:	::	::	:	23	- :	:	62 194	. 10	222
60	Smallpox.	::	::		::	::		::	::		::	::	1
URBAN		Under 5	Under 5	Under 5	Under 5 5 and upwards	Under 5 5 and upwards	Under 5 5 and upwards	Under 5	Under 5	Under 5 5 and upwards	Under 5	Under 5 5 and upwards	Under 5
		Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital.	Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital
	District, Population, Percentage of Cases treated in Hospital.		WEDNESBOKY.	.EN	• u Jalasawaam	6,784.		• 1101100111100	18,880.	Nil.	MOT CT ANTON +	27,614.	86.3.

	Whooping Cough.	::	- :	:	1 : :	∞ :	:		= :	:	1 : :	- :	1.1
0	Measles.	::	::	:	::		:	:	9-	:	::	eo :	:
	Ophthalmia Neonatorum.	::	::	:	::	::	:	-	::	:	::	::	:
	Cerebro-spinal Meningitis.	::	::	:	11	::	:	:	::	:	::	::	:
	Acute Poliomyelitis.	11	::	:	::	::	:	:	::	:	::	::	:
	Other Tuber- culous Dis- eases.	::	::		41	4-	:	10	7	:		-12	:
	Phthisis.	:64	:	:	1	:=	:	29	14	:	:0	:00	:
	Erysipelas. 👪	::	::	:	-=	::	:	24	::	:	::	::	:
	Cholera.	::	::	:	11	::	:	:	::	:	::	::	:
	Fever, Puerperal	::	::	:	::	::	:	:	::	:	::	::	:
	Relapsing Fever.	::	::	:	::	::	:	:	::	:	::	::	:
	Continued Fever,	::	::	:	::	::	. :	:	::	:	::	::	:
	Enteric Fever.	::	::	:	::	::	:	6	::	-	::	::	:
	Typhus Fever.	::	::	:	::	::		:	::	:	::	::	:
	Diphtheria (including Membranous Croup).	::	::	?		::		35	2	7	:00	::	:
RURAL.	Scarlatina.	326	::	12	37	. 10	38	165	::	103	:00	::	1
RU	Smallpox.	::	::	1	::	::			::		::	::	:
		Under 5	Under 5 5 and upw ard	Under 5 5 and up .ards	Under 5, 5 and upwards	Under 5 5 and upwards	Under 5 5 and upwards	Under 5 5 and upwards	Under 5 5 and upwards	Under 5	Under 5	Under 5 5 and upwards	Under 5
		Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital
	District, Population, Percentage of Cases treated in Hospital.		BLOKE HEATH.* 2,204.	41 · 3		CANNOCK.* 19,936.	77-5.	* a Mt and	25,950.	54 -9.	CYDE HT	4,593.	Nil.

1	V hooping			: 1	::	4 :	: 1	::	∾ :	:	::	- :	:1
	Measles.	::	4 :	:	::	-	:	::	∞ :	:	::		:
	Ophthalmia Neonatorum.	co :	::	:	- :	::	:	- :	::	:	::	::	:
	Cerebro-spinal Meningitis.	::	::	:	- :	::	:	- :	::	:	::	::	:
	Acute Poliomyelitis.	::	::	:	::	::	:	::	::	:	::	::	÷
	Other Tuber- culous Dis- eases.	6 2	° :	:	:0	:0	:	eo eo	- e	:	:-	5:	:
	Phthisis.	29-1	21	:	15:	14	:		12:	:	101	::	:
	Erysipelas,	:00	::	:	- 50	:	:	: 50	::	1	:-	::	:
1	Cholera.	::	::	:	::	::	1	::	::	:	::	11	:
	Fever. Puerperal	1 : :	::	:	::	::	:		:-	:	::	::	:
	Relapsing Fever,	::	::	:	::	::	:	::	::	:	::	::	:
	Continued Fever.	1 : :	::	:	::	::	:	::	::	:	::	::	:
	Enteric Fever,	1 : :	::	:	::	::	:	:-	::	1 :	::	::	:
	Typhus Fever,	1 : :	::	:	::	::	1.1	::	::	:	::	::	:
sd.	Diphtheria Membranous Membranous Diphtheria	-101	e –	61	35	6 3	4	35	- :	16	::	::	:
inue	Scarlatina.	13	:-	45	34	5	39	92	::	25	13	::	:
continued.	Smallpox.	1 : :	::		::	::		::	::		::	::	
RURAL-		Under 5	Under 5	Under 5 5 and upwards	Under 5	Under 5	Under 5	Under 5 5 and upwards	Under 5	Under 5	Under 5	Under 5 5 and upwards	Under 5 5 and upwards
		Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital
	District, Population, Percentage of Cases treated in Hospital.		KINGSWINFORD.* 20,446.	72·3.		LEEK.* 15,641.	47-7.		LICHFIELD.* 23,626.	52-5.		MAYFIELD.* 3,957.	Ni.

	Whooping Cough.	111	::	:	1 : :	64 :	:	::	- ;	:	1 : :	. 2	:
2	Measles.	111	::	:	111		1	1 : :	1-01	1	::	111	:
	Ophthalmia Neonatorum.	111	::	;		11	:	- :	11	1	1 : :	11	
	Cerebro-spinal Meningitis.		::	:	1 : :	::	:	1:-	1 : :	:	1 : :	::	:
	Acute Poliomyelitis.	1 : :	::	:	::	::	:	1 : :	::	:	::	::	:
	Other Tuber- culous Dis- eases.	:-	- :	:	:10	61 69	:	::	3.0	:	101		:
	Phthisis.	- 10	101	:	32	:=	:		-0	:	: 10	: 00	:
	Erysipelas.		::	:	8 13	::	:	:4	::	:	14	:-	:
	Cholera.	::	::	:	::	11	:	1 : :	::	:	1 : :	1 : :	:
	Pever. Fever.	:	::	:	111	::	:	::	::	:	::	::	:
	Relapsing Fever.	::	::	:	::	::	:	::	::	:	::	::	:
	Continued Fever.	::	::	:	.::	::	:	::	::	:	::	::	:
	Eaver. Fever.	::	::	:	::	::	:	:-	::	-	101	:-	10
	Tever. Fever.	::	::	:	111	::	:	::	::	:	::	::	:
d.	Diphtheria (including Membranous Croup).	6	- 64	2	4	-19	9	12	:-	7	ດເດ	2	3
continued.	Scarlatina.	16 54	17	54	1- 6	- ;	=	49	::	45	6169	11	-
cont	.xoqliem2	::	::		::	::		::	::	1	::	::	I
RURAL		Under 5 5 and upwards	Under 5	Under 5	Under 5 5 and upwards	Under 5	Under 5	Under 5 5 and upwards	Under 5 5 and upwards	Under 5	Under 5 5 and upwards	Under 5 5 and upwards	Under 5
		Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital
	District, Population, Percentage of Cases treated in Hospital.	* a LLSVJMAN	6,198.	71.0.	SEISDON *	15,348.	43.5.	STAFFORD *	12,097.	77-9.	STOKE ON TRENT *	4,692.	21.2.

-	Vhooping	:		:	::	::	:	::	- :]	:	::	::	:
	Measles.	:	- :	:	::	- 10	:	::	. 19	:	::	:-	:
	Ophthalmia.	:	::	:	::	::	:	::	::	:	::	::	:
	Cerebro-spinal Meningitis.	~	::	:	::	11	1 :	::	::	:	::	::	:
	Poliomyclitis.	:	::	1 :	- :	::	-	::	::	:	::	::	:
	eases. culous Dis- cases.	2	:-	:		6161	:		00		:-	C4 M3	:
	Phthisis.	14	.9	:	14	:0	:	10	:00	:	:9	-01	:
	Erysipelas.		::	:	101	::	:	:64	::	:	- :	::	:
	Cholera.	:	::	:	::	::	:	::	111	:	::	::	:
	Fever. Puerperal	-	::	:		::	:	:00	:-	:	::	::	:
	Relapsing Fever.	:	::	:	::	::	:	::	::	1 :	::	::	:
RURAL-continued.	Continued Fever.	:	::	:	::	::	:	::	::	:	::	::	:
	Enteric Fever.	-	::	-		::	:	::	::	:	:-	:-	:
	Typhus Fever.	:	::	:	::	::	:	::	::	:	::	::	:
	Croup). Membranous Diphtheria	15	:64	7	101	::	2	1		5		::	:
	Scarlatina.	39	1::	29	::	::	:	32	::	34	- 8	::	1
	Smallpox.	:	::	1.	::	::	1	::	::	1.	::	::	:
		Under 5	Under 5 5 and upwards	Under 5	Under 5	Under 5 5 and upwards	Under 5	Under 5	Under 5 5 and upwards	Under 5	Under 5	Under 5 5 and upwards	Under 5 5 and upwards
		Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital	Cases	Deaths	Cases treated in hos- pital	Casos	Deaths	Cases treated in hos- pital
	District, Population, Percentage of Cases treated in Hospital.	STONE.* 13,710. 67·2.			TAMWORTH.* 5,124. 100·0.			TUTBURY.* 8,490. 79·5.			UTTOXETER. 7,383. Nil.		

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Whooping Cough.	::	∞ :	:			
Measles.	::	17	:			
Ophthalmia Neonatorum.		::	:			
Cerebro-spinal Meningitis.		::	:			
Poliomyelitis.	11	::				
Cther Tuber- culous Dis-	- 4	6 :	:			
Phthisis.	88	13:	:			
Erysipelas.		::	:			
Cholera.	::	::	:			
Puerperal Fever,	::	::	1 :			
Relapsing Fever.	::	::	:			
Ecver,	::	::	1			
Enteric Fever.	::	::	:			
Typhus Fever.	::	::	1.1			
Diphtheria (including Membranous Membranous	12	- 9	:			
Scarlatina.	16 1	::	:			
.xoqllam2	::	::				
	Under 5 5 and upwards	Under 5 5 and upwards	Under 5 5 and upwards			
	Cases	Deaths	Cases treated in hos- pital			
District, Population, Percentage of Cases treated in Hospital. WALSALL. 12,272. Nil.						