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COUNTY BOROUGH



OF SOUTHPORT.

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# REPORT

UPON THE

HEALTH AND SANITARY CONDITION

OF THE

County Borough of Southport,

FOR THE YEAR 1923.

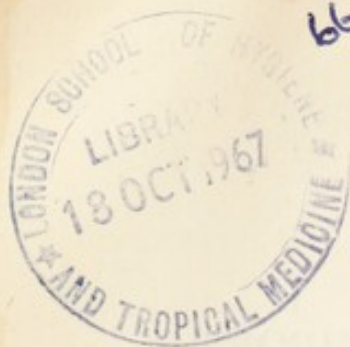
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SOUTHPORT :

J. J. RILEY, PRINTER, "GUARDIAN" OFFICE, 267 LORD STREET.

1924.





## NOTIFICATIONS.

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It has become necessary to call the attention of the profession to the necessity of a more meticulous observation of the provisions of the various Acts involving Notification.

In the course of a year a number of births are not notified; and I am of the opinion that a moderate number of cases of Pneumonia, of whatever kind, also escape notification.

Apart from the question of statute law, the duties were imposed in order to enable the Sanitary Authority to take Sanitary action as indicated in the case. In Tuberculosis it is almost constant to have intimation of the disease when this is already far advanced, although no doubt a diagnosis has been made and the patient under medical treatment for a considerable period. I should very much prefer that the error, if any, might take place in the other dimension, and that cases in which there is any element of doubt might be brought to notice at the earliest possible moment. I have to confess that most cases are beyond the recognised first stage for Sanatorium Treatment when we hear of them.

We have had in the last year or two several cases of Diphtheria which had been diagnosed as simple Tonsillitis and treated as such; these cases have turned out to be of the gravest nature, and deaths have followed, and in other cases the escape has been of the narrowest. I am most anxious to see any sore throat about which any doubt is felt, and will be glad to do so alone or in consultation immediately the case has been brought to my notice.

All of us realise that in Tuberculosis cases the final result of treatment is usually found months after the definite diagnosis is made. I would emphasise the fact that time is of the utmost importance, and that much can be achieved by an active rather than a passive line of treatment. I would appreciate a closer co-operation in dealing with these cases. Little help can be given if tentative and expectant treatment is carried on for some months before claiming the assistance of the Tuberculosis Department. Although even in some Stage III. cases something can be done to alleviate and improve the patient's condition, much more can be effected in dealing with early cases, and all available sources of treatment should be tapped.

TO THE CHAIRMAN AND MEMBERS OF THE HEALTH COMMITTEE  
FOR THE COUNTY BOROUGH OF SOUTHPORT.

# REPORT, 1923.

		Local Rates.
Population at Census, 1911 .....	69,643	...
Do. do. 1921 .....	71,900	
Do. (estimated by Reg. Genl.), middle of 1923.....	72,410	
Area of Borough (Excluding Foreshore, 10,429 acres), acres .....	8,804	
Birth-rate, per 1,000 living, in 1923 .....	13.76	... 13.98
Death-rate, ,, ,, excluding deaths of visitors .....		... 12.84
Death-rate, ,, ,, corrected.....	13.49	...
Gross Death-rate (deaths registered in the Borough) ...	12.98	
Death-rate from seven principal Zymotic Diseases.....	0.26	... 0.28
Deaths of Infants under one year of age per 1,000 births...	65	... 63

## GEOLOGY.

The area consists of a bed of blown sand resting on peat, below which lies a bed of laminated blue clay. While the lower strata appear to be undergoing an exceedingly slow subsidence, any loss which might result from that circumstance is much more than made good by the continual accretion of sand derived from the Mersey, and land is rapidly reclaimed on the Foreshore at the expense of the navigable channel. The overlying sand on the East and South borders gradually thins out, exposing a margin of peat within the boundary of the area.

The elevation of the built-upon area varies from about 12ft. to 38ft. above Ordnance Datum. For a detailed analysis of the Geological conditions see "The Evolution of a Coast Line," Wm. Ashton (Stanford).



## LOCAL WEATHER DURING 1923.

(Preliminary Report received from the Borough Meteorologist).

Under the influence of an exceptionally low mean barometric pressure, 1923 at Southport may be briefly described as a phenomenally westerly and windy, and a decidedly dull and wet, year; the one redeeming feature of which was much sunshine during the otherwise unfavourable autumn.

In greater detail, its principal characteristics were an abnormally mild and westerly January; a very wet, south-easterly February; unusually early and protracted easterly winds during March and April (the spell being unprecedented in the 52 years' local records); stormy, cold, north-westerly weather during May and June (also quite unprecedented), doing irreparable damage, for the remainder of the year, to vegetation, and rendering the summer one of the latest on record; a droughty June; ten days of welcome heat in July (from the 5th to the 14th); remarkably incessant westerly winds from the middle of that month until mid-November; and large quantities of rain every month from August to December. The lack of sunshine occurred principally in June and July; the very remarkable excess of wind-speed in January and from May to October. The latter was due to a deficiency of south-easterly, and prevalence of westerly, winds, so greatly exceeding anything of the kind previously on record as to be quite astonishing.

A selection of the principal monthly statistical results is given below:—

### TEMPERATURE OF THE AIR.

	Hourly Mean Temperature.	Deviation from Normal.	Absolute Extremes in 1923.	
1923.	°	°	Highest.	Lowest.
January .....	43.4	+4.1	53	31
February .....	41.1	+2.3	54	29
March .....	43.9	+3.3	65	33
April .....	45.4	+0.2	61	30
May .....	47.6	—3.2	63	36
June .....	53.5	—2.9	64	41
July .....	61.8	+2.8	86	52
August .....	58.4	—0.3	74	46
September .....	54.4	—0.5	73	42
October .....	50.0	+1.0	60	37
November .....	39.6	—3.5	55	26
December .....	39.6	—0.6	49	26
Year .....	48.2	+0.2	86	26

The first three months, and July, were unusually warm, but the excess of temperature then was nearly compensated for by the cold, polar airs of May and June, and a wintry November. The mean temperature of the entire year was practically normal, exceeding the 50 years' average by not quite a quarter of a degree. There were no low minima.



# SUNSHINE AND OZONE.

1923.	Duration of Sunshine. Hours.	Deviation from Normal. Hours.	No. of Sunless Days.	Mean Daily Ozone. 0 to 10.
January .....	45.7	+1.9	13	4.2
February .....	53.3	-15.0	9	3.2
March .....	117.7	-0.5	6	2.9
April .....	152.9	-16.5	4	3.3
May .....	196.9	-13.0	2	5.0
June .....	157.3	-54.1	2	5.2
July .....	161.3	-44.1	4	3.9
August .....	174.7	-6.2	3	3.6
September .....	155.9	+16.5	1	3.3
October .....	97.2	+1.5	4	4.1
November .....	75.0	+20.3	3	3.6
December .....	42.1	+6.5	10	3.3
Year .....	1430.0	-102.7	61	3.8

Every month from February to August, inclusive, was duller than usual; the largest deficiencies of sunshine occurred in June and July. The four concluding months were brighter, particularly November, but the net result for the whole year was a shortage of 103 sunny hours.

# RAINFALL.

1923.	Total Rainfall. Inches.	Deviation from Normal. Inches.	Number of Days with Rain.	Duration of appreciable Rainfall. Hours.
January .....	2.34	-0.30	21	54.1
February .....	3.88	+1.78	24	78.6
March .....	1.38	-0.92	13	30.8
April .....	2.61	+0.78	14	47.3
May .....	2.48	+0.35	19	54.6
June .....	0.58	-1.70	10	18.4
July .....	2.97	-0.02	16	39.3
August .....	4.73	+1.17	22	63.8
September .....	3.57	+0.46	21	51.3
October .....	4.57	+0.81	27	71.4
November .....	4.86	+1.78	19	72.1
December .....	4.91	+1.71	24	105.3
Year .....	38.88	+5.90	230	687.0

Eight months out of the twelve yielded excesses of rainfall. June only was very dry, and March partially so. The year's total precipitation amounted to virtually 39 inches, or six inches above the local average for 50 years. The number of days on which the rain fell was, however, still more unusual, being 42 more than normal—a result not approached at Southport since the year 1872.



# HUMIDITY, AND SUBSOIL WATER LEVEL.

	Humidity of the Air at 9 a.m. % of Saturation.	Deviation from Normal. % of Saturation.	Mean Level of Subsoil Water. * Inches.	Deviation from Normal. Inches.
1923.				
January .....	92	+4	35.1	+1.0
February .....	92	+5	32.9	0
March .....	84	0	31.7	-1.2
April .....	76	-3	35.1	+0.7
May .....	77	+1	38.2	+0.9
June .....	78	+2	42.2	+0.6
July .....	80	+2	46.8	+1.3
August .....	80	0	48.3	+0.7
September .....	84	+2	47.3	-0.8
October .....	85	0	44.4	-2.1
November .....	88	0	36.0	-6.5
December .....	93	+4	30.4	-8.1
Year .....	84	+1	39.0	-1.1

\* Distance below well mouth.

The three winter months (January, February and December) were exceptionally humid, and April alone had a drier atmosphere than is customary. The subsoil water level, however, was nearly normal until the middle of October, after which a notable rise occurred, culminating in a good deal of flooding of the adjacent Moss lands at the close of December.

## WIND DIRECTION (GROUPED).

	Duration Percentages.				Deviations from Normals.			
	N.E.	S.E.	S.W.	N.W.	N.E.	S.E.	S.W.	N.W.
	& E.	& S.	& W.	& N.	& E.	& S.	& W.	& N.
1923.	%	%	%	%	%	%	%	%
January .....	1	13	68	18	-11	-21	+29	+3
February .....	21	52	23	4	+4	+16	-9	-11
March .....	39	31	17	13	+18	+6	-17	-7
April .....	45	29	18	8	+22	+9	-16	-15
May .....	20	5	39	36	-6	-16	+9	+13
June .....	6	2	45	47	-17	-15	+13	+19
July .....	10	16	59	15	-5	-2	+20	-13
August .....	2	24	58	16	-13	+2	+18	-7
September .....	0	24	56	20	-22	-4	+27	-1
October .....	1	28	56	15	-22	-8	+32	-2
November .....	18	21	34	27	-1	-13	+4	+10
December .....	11	34	28	27	-4	-4	-4	+12
Year .....	14	23	42	21	-5	-4	+9	0

The Spring east winds again occurred a month or two before their usual season, and this time their predominance was so excessive as to be unique. The latter has also to be said of the west-north-westerly winds shown in the above Table in May and June. But the even greater preponderance of strong, due westerly currents from July until the middle of November, being far more protracted, formed the most noteworthy feature of the year's weather.

JOSEPH BAXENDELL, F.R.Met.Soc.,  
Borough Meteorologist.

### POPULATION.

The number of New Houses erected and completed during the year was about 72. The gain by excess of births over deaths was 53. The number of children attending Elementary Schools is practically constant for 5 years if allowance is made for Boys transferred to the Boys' Secondary School.

The Registrar General's estimate for the middle of 1920 was 72,939, and for the middle of 1923 was 72,410, which is adopted as a basis for the rates for 1923.

### SOCIAL CONDITIONS.

The population is almost entirely residential, with the necessary ancillary occupations. There is one important motor works.

The extent to which Poor Law Relief and Hospital and other forms of Gratuitous Medical Relief are utilised in the Borough, may be surmised from the following :—

The number of persons in receipt of Out-door Relief during the fourth week of October, 1923, was 773. The amount of Relief expended was £192 19s. 2d.

The numbers treated at the Southport Infirmary during the last two years have been as follows :—

	1922	1923
In-Patients—Total treated .....	1103	1156
Out-Patients—Total treated .....	7470	3490

Further assistance is given to the poor by the Southport & Birkdale Provident Society, and by the Southport and Birkdale District Nursing Society, though the number of cases dealt with by these Societies is not published.



## BIRTH-RATE.

The "Corrected" Births numbered 996, of which 500 were males and 496 females. The resulting Birth-rate is 13.76. This is a reduction compared with the previous year, and conforms with the incidence throughout the country.

Legitimate Births .....	937
Illegitimate Births .....	59
	996

## DEATH-RATE.

The "Corrected" Death-rate for 1923, 13.49 per 1,000 per annum, has been attained by applying the Corrected number of Deaths, 977, to the Registrar-General's Estimate of the population for the middle of the year, namely :—72,410.

The number of deaths actually registered in the Borough and the Borough Infectious Diseases Hospital in Moss Lane was 940, of which 438 were males and 502 females. These figures give a Gross Death-rate of 12.98 per 1,000 of the population.

If, however, from the above 940 deaths are deducted 10 deaths of visitors who came into the town in a precarious state of health, and died after only a short stay here, there remain 930 deaths ; from which, by calculation, a "local" death-rate of 12.84 per 1,000 is obtained.

The deaths of persons over 65 numbered 485, being nearly 50 per cent. of the total deaths. The "Corrected" Death-rate, 13.49, may be compared with the average death-rate of 13.75 for the five years 1919 to 1923 inclusive. The "Corrected" rate as given is not the academic "Corrected" Death-rate ; it remains to correct it for age and sex, and the factor necessary for that end, it appears, can never be supplied by the Registrar-General. The deaths from Organic Heart Disease and Respiratory Diseases show no striking change.

## ZYMOTIC DEATH-RATE.

Twenty deaths, due respectively to Measles (9), Diphtheria (1), and Diarrhœa (9) gave a corrected Zymotic Death-rate of 0.26 per 1,000. This is a very satisfactory Zymotic Death-rate. Probably some, if not all of the cases of Infantile Diarrhœa were not of an epidemic nature.

## TUBERCULOSIS REPORT.

Cases notified :—

	Pulmonary.	Non-Pulmonary.	Totals.
Males .....	46 .....	18 .....	64
Females .....	41 .....	14 .....	55
	87	32	119

(Duplicate Notifications excluded).

How dealt with :—

	Pulmonary.			Non-Pulmonary.	
	Males.	Females.		Males.	Females.
Domiciliary .....	7	7	.....	2	1
Dispensary .....	8	6	.....	5	6
Institutional .....	5	4	.....	4	2
Domiciliary and Dispensary .....	1	2	.....	—	—
Domiciliary and Institutional .....	—	—	.....	—	1
Domiciliary, Dispensary and Institutional .....	1	2	.....	1	1
Dispensary and Institutional .....	15	10	.....	1	1
Treated by Private Medical Practitioners .....	5	10	.....	4	2
Dispensary and Poor Law Institutional	—	—	.....	—	—
Poor Law Institutional .....	4	—	.....	1	—

Number of Patients on Tuberculosis Register on December 31st, 1923 :—

	Pulmonary.			Non-Pulmonary.		Total.
	Males	Females		Males	Females	
Males .....	127	.....	45	.....	172	
Females .....	113	.....	36	.....	149	
Total .....	240	.....	81	.....	321	

How dealt with :—

	Pulmonary.			Non-Pulmonary.	
	Males.	Females.		Males.	Females.
Domiciliary .....	3	13	.....	6	4
Dispensary .....	41	31	.....	9	5
Institutional .....	1	1	.....	3	—
Domiciliary and Dispensary .....	3	4	.....	—	1
Domiciliary and Institutional .....	2	—	.....	1	—
Domiciliary, Dispensary and Institutional .....	3	—	.....	—	2
Dispensary and Institutional .....	10	14	.....	1	2
Treated by Private Medical Practitioners .....	18	7	.....	7	8
Dispensary and Poor Law Institutional	—	—	.....	—	—
Poor Law Institutional .....	—	2	.....	—	—
Totals .....	81	72	.....	27	22



## OUTSIDE SANATORIA.

Thirteen patients were sent to Meathop, one patient to Bridge-of-Weir, and one to King Edward VII. Sanatoria during the year, with results as follows :—

Improved .....	6
In Statu Quo .....	2
Fit for light work .....	2
Transferred Birkdale Hospital .....	1
Discharged at own request .....	1
Still under treatment on Dec. 31st, 1923 .....	3
	15

## SHAFTESBURY ROAD SANATORIUM.

A Table is given showing the stage of the disease on admission to the Sanatorium. The results of treatment in suitable cases have been encouraging, but so long as the patient is allowed to remain under home conditions until in the advanced stages of the disease, Sanatorium treatment cannot be expected to obtain much result.

Stage.	No. of Cases.	Died.	Im- proved.	Arrested.	I.S.Q.	Worse.	Discharged at own request within one month.
I.	2	0	0	2	0	0	0
II.	6	0	4	1	0	1	0
III.	28	11	7	2	4	2	2
Total	36*	11	11	5	4	3	2

\* In addition, 2 cases were admitted and found to be non-Tubercular.

During the year a supply of "Diaplyte" vaccine was obtained through the kindness of Dr. Cronin Lowe, Pathologist to the Southport Infirmary, and was used in seven cases over a period of 6 months. These cases were all more or less advanced. The results of the treatment were disappointing, except in two cases in which some slight improvement was shown and has been maintained since the treatment was stopped.

Considerable benefit has accrued to the patients as a result of the appointment of an Honorary Dental Surgeon, Mr. W. A. Findlay, Jun., L.D.S. It is impossible to over-estimate the value of this work. The improvement in the general health of a patient whose mouth has been cleared of suppurating teeth is marked.

In the report of last year a suggestion was put forward that a Sub-Committee should be formed to undertake the arrangement of entertainments and concerts at the Sanatorium. I regret to say that this suggestion was not carried into effect.

#### DISPENSARY.

No. of individual patients attending dispensary .....	238
No. of attendances by these patients .....	1329
Cases visited (notified during 1923) .....	116
Re-visits .....	1333
Enquiries contacts .....	2900
Clinical examination by Tuberculosis Officer.....	706
Clinical examination by Consulting Officer .....	49
Contacts examined .....	67
Hours at dispensary .....	294



## NOTES ON NOTIFICATION, TREATMENT, AND RESULTS.

During the five years 1919 to 1923, 594 cases of Tuberculosis were notified.

Pulmonary Tuberculosis .....	467
Non-Pulmonary Tuberculosis .....	127

### PULMONARY TUBERCULOSIS.

Of the 467 cases notified, seventeen were found to be non-tubercular, giving an incidence of 450.

As will be seen from Chart I. there is a decline in the rate of notification to the low level of 79 in 1921, and along with this an accompanying rise in the number of Non-Pulmonary cases in that year. When considering the chart, the fact must be remembered that Southport is a residential town to which large numbers of invalids come, and as such its local incidence of Pulmonary Tuberculosis is not comparable with that for England and Wales.

A note of the stage of the case at notification was obtainable in 326 instances, and a table (1) is given to show the relative numbers in each stage. Of the 326, only 24.2% were Stage I. cases, and 16.6% Stage II., while 59.2% were Stage III. So that more than half the cases notified are so far advanced in the disease that nothing can be done beyond treating the symptoms and attempting to prolong life. With one or two exceptions all these cases are beyond any hope of obtaining a cure.

There are no doubt several reasons for this late notification; and here the type of population must be remembered, for many cases come from industrial towns when the disease is far advanced. There is still some dread of notification on the part of the patient, shared in many cases by the doctor. In fact it would almost seem that in some cases the doctor refrains from examination of the sputum in order that he may not be forced into notifying.

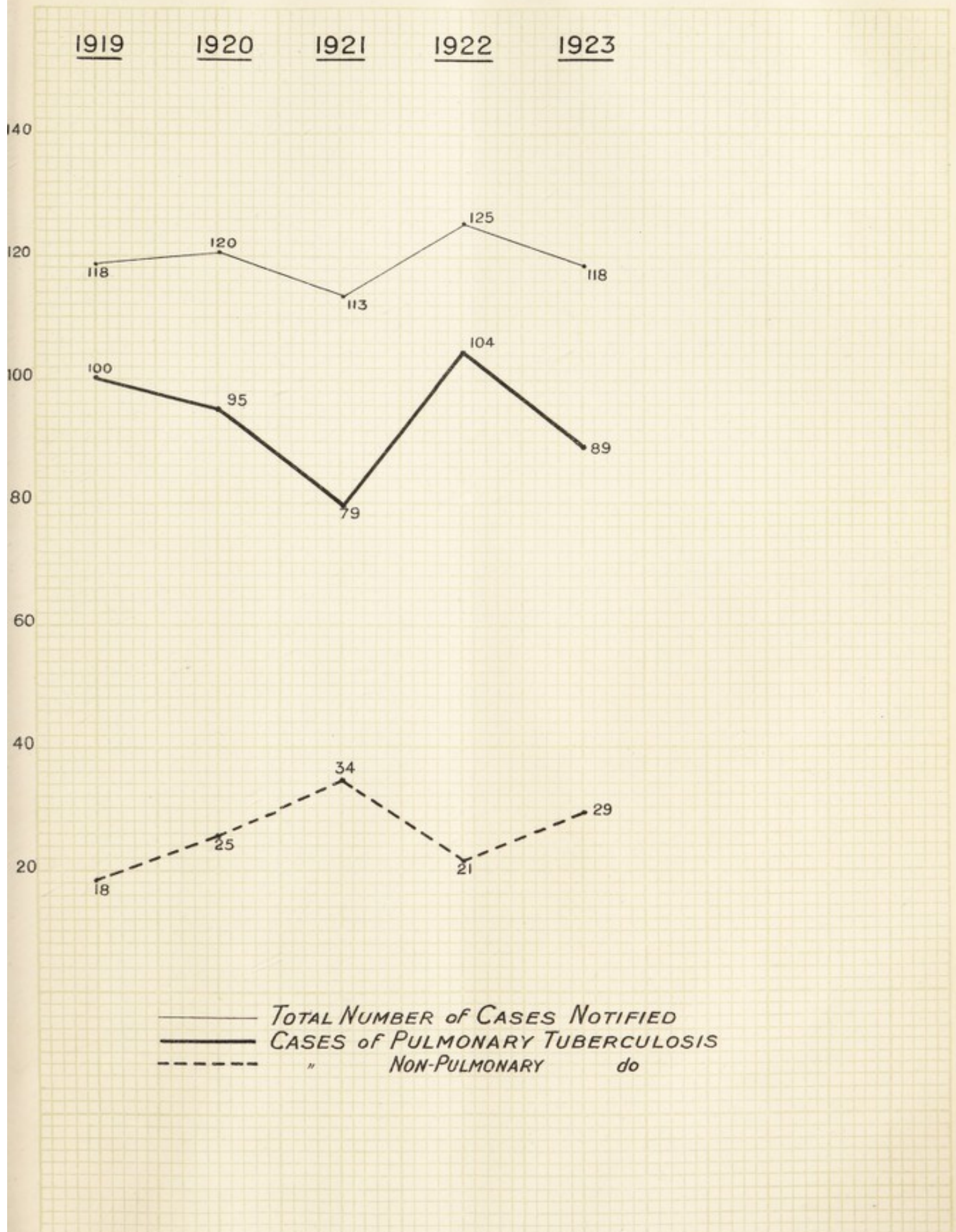
If early notification of Tuberculosis is of value, and of this there can be no doubt, it is a duty which should be performed punctiliously by every doctor in private practice.

Public opinion requires to be educated so that a true perspective of the disease and its risks can be realised. An educated consumptive is not a source of risk to the community; but a patient who does not know how to take precautions is spreading the disease. It is in this connection that the work of the Tuberculosis Nurse should find its maximum value.

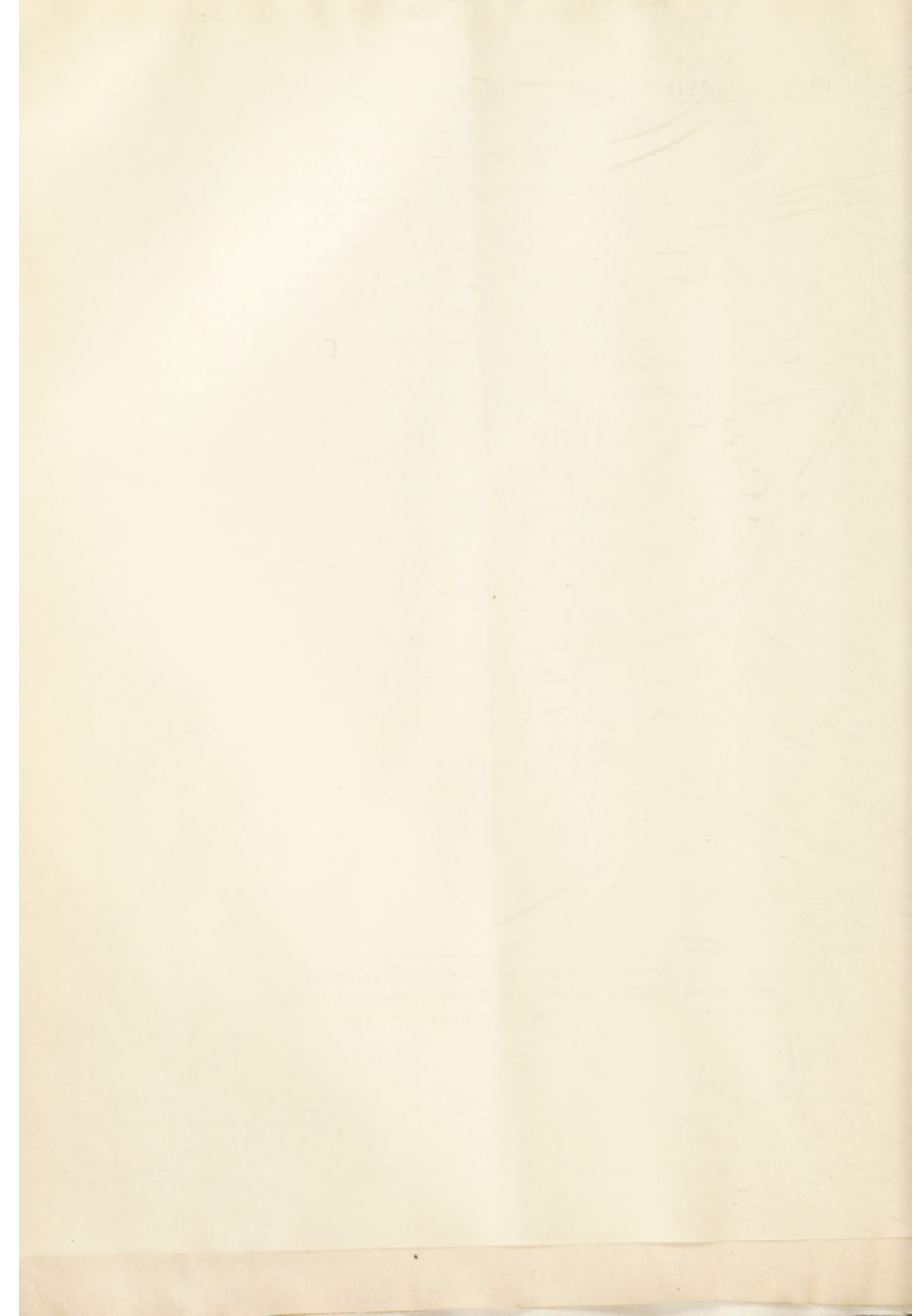
It is satisfactory to note that as between the Tuberculosis Department and the private medical practitioners there is an increasing tendency to co-operate, indeed the methods of some of our private colleagues are beyond criticism; but at the same time many do not avail themselves of the resources which are at present obtainable at the Dispensary for diagnosis and treatment, and it is hoped that this state of affairs will be improved. It would seem to be a reproach to the medical profession that over 50% of the cases notified are Stage III. cases, but there are difficulties which can be realised to the full only by the private doctor himself.



CHART 1.







# RESULTS OF 450 CASES. ( 1919 - 1923 )

*DIED under 12 MONTHS from date of NOTIFICATION*

6

3

1

do

do

do

121

89

64

145

187

DIED

No  
Record

107

Arrested

59

Improved

48

I.S.Q.

39

Cured

10





## TREATMENT.

Table 2 shows in each year the number of cases in receipt of Dispensary treatment, and also the number which have received Sanatorium treatment at any time during the course of the illness. In some cases a patient may be admitted to a Sanatorium on two or three occasions; these have been counted as single admissions when estimating the figures in the table.

It will be seen that 39% of the cases here received Sanatorium treatment.

Cases "treated neither at the Dispensary nor by the private practitioner" are mainly those which have been notified from institutions such as the Ormskirk Union, etc.

The results of treatment are shown on Chart II. There is a record of result in 343 cases, of which number 187 died during the five years 1919—1923. 64, i.e., 34%, died within one month of notification. This may be accounted for to some extent by the influx of a small number of cases who were in extremis on arrival, and a few would be fulminant or "galloping" cases, but other factors are influential in producing this result.

The columns "cured" and "arrested" should be read together. A case is placed in the category "arrested" when all cough and expectoration have been stopped and there are no physical signs of activity. If this patient remains in this category for two years, a tentative result of "cured" is recorded; but the patient, as far as possible, is kept under observation for some years after the result "cured" is obtained.

The difficulty of obtaining a record in every case is great; in 200 cases which were not seen by the Tuberculosis Officer there was no record in 79 cases, and until the death certificate is signed there usually is no record to go upon.

## NON-PULMONARY T.B.

During the five years 1919-1923, 127 cases of non-pulmonary Tuberculosis were notified.

The results of Treatment in these cases are as follows:—

Cured .....	22
Arrested .....	17
Improved .....	14
I.S.Q. ....	9
Died .....	45
No record .....	20
<hr/>	
Total .....	127
<hr/>	

A record of Family History was obtainable in 81 cases, of which 38.2% gave a positive history, and 61.8% negative history.



TABLE I.

## STAGE AT DATE OF NOTIFICATION.

(A record of the Stage was obtainable in 326 Cases).

Stage.	1919	1920	1921	1922	1923	Totals.
I.	19	18	12	15	15	79
II	9	13	7	12	13	54
III.	49	42	26	40	36	193
TOTALS ...	77	73	45	67	64	326

TABLE II. OF TREATMENT.

	1919	1920	1921	1922	1923	Totals.
Dispensary Treatment...	54	52	31	51	45	233
Treatment solely by Private Practitioner...	39	34	42	48	37	200
Treated neither at Dispensary nor by Private Practitioner...	3	5	5	1	3	17
Found to be Non T.B....	4	4	1	4	4	17
TOTALS .....	100	95	79	104	89	467
No. of Cases which re- ceived Sanatorium Treatment at any time	37	33	24	43	41	178

## WORK DONE BY THE HEALTH VISITING STAFF.

The routine work comprises :—

Visits and re-visits to practically all cases of Tuberculosis notified in the Borough. Instructions are given to patients and relatives with regard to the precautions to be observed to prevent the spread of disease.

Visits in connection with the Notification of Births Act and Blind Persons Act.

Attendance at Post-Natal Clinics.

Attendance at Clinics for children from one year to five years of age, and visiting in connection with same.

Visits to all infants notified to be suffering from Ophthalmia Neonatorum and sore eyes. In the case of the latter, treatment is frequently done and explicit directions given to the parent.

Attendance at the routine medical inspection and the following-up of all children found to be suffering from any defect.

Attendance at Welfare, Ophthalmic, Tonsil and Adenoid, Minor Ailment, Skin, Tuberculosis, and T.B. contact clinics.

Visits to Infantile Diarrhoea, Infectious Skin Diseases, and Verminous and Neglected children.

Visits are also made to cases referred to the Medical Department by

Society for Prevention of Cruelty to Children.

United Services Fund.

Relieving Officer.

Welfare Committee.

In addition to the above, numerous cases reported in various ways have been attended to.

(For Visits see pages 22 and 29).



## MIDWIVES' ACT.

Number of Midwives in practice at the end of the year ... 20

The following Table gives the causes for which the Midwives required medical assistance during the year 1923 :—

Mother	Delayed labour .....	10
	Torn perineum .....	12
	Pyrexia .....	4
	Deformity .....	1
	Pneumonia .....	1
	Mal presentation .....	2
	Anæmia .....	1
	Hæmorrhage .....	1
		32
Child	Inflammation of eyes .....	2
	Phimosis .....	2
	Premature birth .....	3
	Cyanosed .....	2
	Abnormality .....	1
	Convulsions .....	1
		11
Total .....		43

### STILLBIRTHS.

Number notified by Medical Practitioners .....	33
" " Midwives .....	7

Number of Births notified by Medical Practitioners .....			422
"	"	Midwives .....	560
"	"	Medical Practitioners and Midwives ...	36
"	"	Other persons .....	—
			<hr/> 1018

## INFANTILE CARE.

Births notified to M.O.H. —Legitimate .....	968
"      "      "      Illegitimate .....	50
Births not notified .....	23
"      "      (1922) .....	9
Infants visited at home .....	844
do. stillborn .....	37
do. who died within 24 hours of birth .....	12
do. breast fed .....	631
do. partly breast fed .....	49
do. artificially fed .....	11½
do. removed .....	1
Re-visits to Infants .....	3416
Cases seen at home, aged 1 to 5 years .....	3264
Ante-natal visits .....	77
Ante-natal re-visits .....	182
Post-natal visits .....	940
Post-natal re-visits .....	3037
Deaths of infants under 1 year of age : —	
Breast fed .....	29
Artificially fed .....	20*
Died under 24 hours .....	11
Too good to visit .....	½
	— —
	64
	— —

\* 17 infants were fed with the boat-shaped bottle and 3 were spoon fed.



## MATERNITY WARD.

Seven Doctors are engaged, forming a rota of four pairs, each pair taking duty for a fortnight. There is a weekly Ante-Natal Clinic.

Total number of cases admitted .....	256.
No. of cases delivered by Midwives .....	206.
No. of cases delivered by Doctors .....	47.
Average duration of stay .....	15.67 days.
Every case that enters the Ward is seen by a Doctor.	
No. of cases notified as Puerperal Sepsis with result of treatment in each case .....	None.
No. of cases in which Temperature rose above 100.4 for 24 hours with rise of Pulse Rate	2.
No. of cases notified as Ophthalmia Neonatorum with result of treatment in each case.	1 transferred to V.D. Dept., recovered.
No. of Infants not entirely Breast-fed while in the Institution, with reasons why they were not Breast-fed.	17. Either illness of Mother—flat nipples. The Doctor supervised and every effort was made to breast feed the infants.
No. of Maternal Deaths with causes .....	1. Case of Mastitis, removed to Infirmary—died of Pulmonary Embolism.
No. of Foetal Deaths (Stillborn or within 10 days of birth) and their causes—and the results of the post-mortem examination if obtainable.	Stillborn, 7. Abortion, 7. Within 10 days after birth, 4.  In two cases of Stillbirth mother gave Positive Wasserman; and these cases were transferred to V.D. Dept. for treatment.

## MATERNITY AND CHILD WELFARE.

The Health Committee has adopted the Scale of Fees for doctors called by a Midwife in emergency under the Midwives' Act where the family is unable to pay.

There are four Welfare Centres ; at Hampton Road, High Park, Liverpool Road, and Crossens. There is a Central Voluntary Committee with a separate Sub-Committee for each Centre. The Health Visitors attend on all occasions.

The Health Committee have arranged a system of co-ordination with the Southport Babies' Home, The Shelter of Compassion, The Southport and Birkdale Day Nursery, and the All Saints' Creche. The last was closed on 31st of December on account of falling attendance. In virtue of this arrangement the Corporation were to pay the various Institutions, as a subsidy, 25 per cent. of their net expenditure for each financial year ; the net expenditure being reckoned as their gross approved expenditure less their earned income. This is in addition to a 50% grant paid by the Ministry of Health. The amount of this grant is subject to modification in the ensuing financial year.

### SOUTHPORT BABIES' HOME.

Remaining from previous year .....	8
Admitted during the year .....	14
Discharged during the year .....	16
In-patient days .....	4746

The house is not altogether suitable for the purposes of the Institution. It has been suggested that the Infants could be boarded out with approved Foster-mothers ; but experience shows that it is exceedingly hard to get foster-mothers to undertake the care of infants of less than 12 months of age, though for older children there is no real difficulty if a proper weekly payment is available. The whole subject is one of considerable complexity, but one that must be dealt with. It has been decided to continue for the present.

### SHELTER OF COMPASSION.

Admitted .....	16
Discharged from Shelter .....	12
Average length of time kept .....	3 months.
Prevention and Rescue Cases .....	32
Visits paid by former inmates .....	454



### ALL SAINTS' CRECHE, BLOWICK.

Individual Children admitted .....	29
Attendances (days) .....	2900

The Creche was closed down 31st December, 1923.

### SOUTHPORT AND BIRKDALE DAY NURSERY, DUKE STREET.

Individual Children admitted .....	114
Attendances (days) .....	3876

### MEDICAL INSPECTION AT THE DAY NURSERIES.

"Nervous" .....	1
Strabismus .....	1
Rickets (slight) .....	1
Scar .....	1
Adenoids.....	1
Enlarged Tonsils .....	1

### WELFARE CENTRES.

The attendances at the Centres remain very satisfactory, and the small decrease corresponds to the decrease in the birth incidence. The Honorary Medical Officer is Dr. Rye, who attends the first three Centres, and whose work has been invaluable. The work at Crossens proceeds at a steady rate and justifies the institution of the Centre.

### NUMBER OF ATTENDANCES.

	NURSING MOTHERS.		EXPECTANT MOTHERS.		INFANTS.		Children over 1 and under 5 years.
	1st visits	Re- visits	1st visits	Re- visits	1st visits	Re- visits	
Hampton Road.....	148	2412	12	31	146	1627	1094
High Park .....	113	2216	6	21	116	1773	638
Liverpool Road .....	78	1442	10	10	78	836	811
Crossens .....	19	633	3	3	23	374	391
	358	6703	31	65	363	4610	2934

# NUMBER TREATED.

	Nursing Mothers.	Expectant Mothers.	Infants.	Children over 1 and under 5 years.
Hampton Road.....	139	28	1773	1094
High Park .....	186	24	1877	638
Liverpool Road .....	168	23	907	811
Crossens .....	94	3	397	391
	587	78	4954	2934

## DENTAL MATERNITY CENTRE.

### SUMMARY OF WORK, 1923.

Month.	Appointments.	No. Treated.	Extractions.		N2O	Gen.	Fillings.	Dressings.	Scalings.	Oral Affections.	Examined.	Impressions Taken.	Bite Taken.	Try In.	Finished Dentures.				Repair.	Re-make.
															Partial.		Full.			
			No.	Loc.											U.	L.	U.	L.		
Jan. ...	40	22	50	8	—	3	1	—	—	5	9	2	1	—	—	—	—	—	—	—
Feb. ...	37	29	7	7	—	—	—	—	—	7	7	10	3	4	—	2	—	1	—	2
March ...	30	20	6	6	—	—	2	—	—	6	3	3	—	2	—	1	1	1	1	—
April ...	31	29	27	8	—	1	—	1	—	6	13	4	1	1	—	—	1	1	—	—
May ...	49	37	42	6	—	2	—	—	—	12	8	12	4	3	1	—	1	—	1	1
June ...	46	43	16	16	—	—	1	1	—	6	8	13	3	7	1	3	2	2	1	—
July ...	50	46	63	19	—	2	—	2	—	8	9	12	7	3	2	—	3	3	3	—
August ..	18	18	1	1	—	—	—	3	2	8	4	4	1	1	—	—	1	1	—	—
Sept. ...	58	55	66	24	—	2	1	—	—	9	8	17	4	6	3	3	2	2	—	—
Oct. ...	73	77	71	45	—	2	7	1	—	20	12	18	3	6	2	1	2	3	1	2
Nov. ...	63	52	69	15	—	3	2	5	—	17	10	10	3	5	—	2	2	1	—	1
Dec. ...	52	40	12	12	—	—	—	1	—	8	3	19	6	7	—	1	5	4	1	1
Totals ...	547	468	430	167	—	15	14	14	2	112	94	124	36	45	9	13	20	19	8	7



## OPHTHALMIA NEONATORUM.

Cases reported .....	6
Nursed in hospital .....	4
Nursed at home .....	2
Recovered .....	6

## VOLUNTARY AGENCIES.

Thanks are due to the District Nursing Society, 52 Houghton Street, and The Provident Society, Post Office Avenue, for valuable assistance rendered during the year to Tuberculosis Cases and School Children.

## SUPPLEMENTARY HEALTH VISITING.

Special Enquiries for Medical Officer of Health .....	70
Visits to Infectious Diseases .....	138
Visits to Ophthalmia Neonatorum and Sore Eyes .....	52
Visits to houses found closed .....	1127
Incidental Calls.....	808
Enquiries re children over 1 and under 5 years of age .....	3264
Total .....	5459

(See also Report of School Medical Officer).

# Infectious Diseases.

(See also Tables II. and V.)

## ISOLATION HOSPITAL.

A site for a new Isolation Hospital—"New Hall," in the adjoining Township of Scarisbrick—has been purchased with the sanction of the Ministry of Health. Plans for the building have been lodged with the Ministry.

## TYPHOID FEVER.

Houses—6.		Cases—7.	
H.W. (M)	37	Disabled Soldier .....	Exact origin not made out.
C.D. (F)	22	No occupation .....	do.
S.D. (F)	48	Housewife .....	Exact origin not made out.
E.P. (F)	38	Housewife .....	Probably imported.
L.T. (F)	21	Home Duties .....	do.
E.B. (F)	44	do. ....	Exact origin not made out.
M.W. (F)	56	do. ....	do.

## SCARLET FEVER.

Cases—101.

Deaths—0.

Eighty-four cases removed to Hospital. The incidence was slight and the type mild.

## DIPHTHERIA.

Cases—37.

Deaths—1.

Twenty-nine cases were removed to Hospital. One died. The incidence was about the average.

## MEASLES.

Cases—1064.

Deaths—9.

This was an extensive epidemic, as the number of cases represents first cases in houses only.

## WHOOPING COUGH.

Cases—121.

Deaths—0.

Incidence slight and type mild.



## V.D. CLINIC—4th ANNUAL REPORT.

The work for the year has continued satisfactorily. There are signs that the work of the Clinic is becoming more appreciated as the public become aware of its existence through the advertisements in the town, and the advice of those who have previously been treated there. This is shown by the cases coming up at a very early stage of infection, or, if previously suffering from V.D., coming up voluntarily for examination as to later complications.

The Number of Attendances on Clinic Days, both Male and Female, has increased.

There is shown a DECREASE in the numbers of Female patients attending for daily treatment. This is because IN-PATIENTS coming down for daily treatment have not been recorded daily, nevertheless the actual Female treatments carried out have not been much reduced.

Great success has resulted in the treatment of Ophthalmia Neonatorum. Of several cases that have been under treatment during the year, not one case of blindness has occurred. To get this result entails a great deal of personal attention both day and night by the staff.

One of the greatest difficulties we have to contend with in the treatment of Females is obtaining their regular daily attendance after the acute stages have passed, due to the return of these girls to work. It is hoped that some arrangement can be made in the future for cases not sufficiently acute to be detained in hospital, and unable to get employment, whilst continued treatment is necessary, to be temporarily accommodated at some Rescue Home or Hostel in the town.

H. BARDSLEY,

Director of V.D. Clinic, Southport.

## VACCINATION.

Appended is a Table showing the percentage of unvaccinated infants less than six years of age, found during Medical Inspection of School Children. With only some thirty per cent. of the rising generation protected there is obviously developing plenty of material for a wide epidemic of Smallpox. This is the result of permitting individuals to decide in matters on which they are not cognisant of the facts which should determine their conclusion.

	Boys.	Girls.
1909 .....	13.0 .....	14.1 .....
1910 .....	8.3 .....	9.1 .....
1911 .....	4.2 .....	4.7 .....
1912 .....	23.9 .....	21.8 .....
1913 .....	44.0 .....	45.4 .....
1914 .....	50.8 .....	55.7 .....
1915 .....	53.6 .....	49.6 .....
1916 .....	55.6 .....	50.4 .....
1917 .....	60.2 .....	57.5 .....
1918 .....	63.4 .....	63.6 .....
1919 .....	68.8 .....	67.1 .....
1920 .....	68.5 .....	66.7 .....
1921 .....	73.0 .....	68.4 .....
1922 .....	69.0 .....	73.6 .....
1923 .....	69.0 .....	68.0 .....

## CANCER, MALIGNANT DISEASE.

The number of deaths was 93—about the usual incidence. 11 per cent. of all deaths of persons 25 years and upwards were due to this condition.

## THE RATS AND MICE (DESTRUCTION) ACT, 1919.

At the present time there is certainly not an excessive number of rats in the District.

Notices served on occupiers to rid their premises of rats, 39—which have all been or are in process of being satisfactorily complied with.

## BACTERIOLOGICAL EXAMINATION OF MILK.

	Samples from Producers in the Borough.	Samples from Producers Outside the Borough.
Samples from Bulk .....	8	(a) 64
Of which found to be Tuberculous .....	0	(b) 5
Samples from individual cows (from the above 64 cases) .....	0	2
Of which found to be Tuberculous .....	0	1

(a) Producer ceased supplying to Southport during examination, 1. Guinea Pigs died before test completed, 2. The table shows that 5 samples out of 64 "outside" samples were Tuberculous.

(b) Of these 5, the implicated animal had already been disposed of by the owner in four cases before official inspection of the herd could be made. In the remaining case, official inspection disclosed one diseased animal, which was forthwith sent for slaughter. In all these cases further samples were taken and found free from Tubercle.

The "Outside" samples were mostly taken from sources suggested by long experience as liable to prove infected, so that a higher incidence of Tubercle is shown than if they had been taken at random.

The standard of Cleanliness in Milk has received attention, but in no case was sufficient pollution found to justify a prosecution. One producer was cautioned.

"Certified Milk." Four samples were submitted to Bacteriological Examination. The Bacterial Counts per c.c. were 310, 565, 943 and 4200 respectively. The standard prescribed by the Ministry of Health is 30000 bacteria per c.c., therefore these milks were quite exceptionally clean.



## TUBERCULOSIS ORDER, 1914.

By an Order dated the 6th of August, 1914, the Board of Agriculture and Fisheries suspended the Tuberculosis Order of 1914. The Council again protested against the continued suspension of the Order.

Four times since the date of suspension, the Health Committee have written to the Board of Agriculture and Fisheries asking them to use their influence to have the Order put in operation again.

Since the suspension of the Order of 1914, the Health Committee have been unable to deal effectively with cases of Dairy Cattle found yielding Tuberculous Milk; especially does this apply to cattle outside the Borough whose milk is consumed in Southport.

It is desired once more to put on record the fact that the absence of the powers contained in the Tuberculosis Order of 1914, places sanitary authorities at a great disadvantage in protecting the public from Tuberculous Disease.

The Ministry of Agriculture and Fisheries, in their reply to the protest of the Council against the suspension of the Order, made it plain that the objections of the Ministry are on the grounds of the heavy expense that would be entailed. It remains to be seen whether the administration of the "Milk and Dairies Amendment Act, 1922," will reduce Tuberculosis among dairy cattle to any material extent. Farmers have in their own hands the power materially to reduce Tuberculosis by raising the standard of sanitation in their farm buildings and by carefully selecting their animals for breeding purposes for milk production. When the general body of Dairy Farmers, instead of the present minority, take the business of clean milk production seriously in hand, then, and then only, will the public obtain a reliable disease-free article.

Viewed from the point of view of expense, the cost now being incurred in the cost of endeavouring to suppress Foot and Mouth Disease should be mentally compared with an estimate of the cost of administering the "Order of 1914." Presumably the determining consideration is, in the minds of the Ministries—one is a disease affecting almost entirely the value of cattle, and the other is in addition destroying human life and health, which are of little value.

In all cases where animals are found to be suffering from this disease the cowsheds are disinfected.

Animals inspected by the Veterinary Inspector ..... 399

Bovine post-mortems conducted ..... 0

## REGISTERED COWKEEPERS AND PURVEYORS OF MILK.

Cowkeepers.	Cowkeepers and Purveyors.	Purveyors.
25 .....	40 .....	110



**WORN-OUT OR DISEASED ANIMALS** brought (some at the instance of the Veterinary or Dairy Inspectors) by cattle dealers or farmers in the Borough and adjoining Districts to be slaughtered for value of salvage, and those dead before arrival :—

From :—	Town.	Country.
Inflammation .....	3 .....	7
Tuberculous .....	7 .....	13
Calving .....	1 .....	0
Accident .....	0 .....	1
Dropsical .....	2 .....	2
Emaciation.....	0 .....	3
	<hr/> 13	<hr/> 26

## HOUSING (INSPECTION OF DISTRICT) REGULATIONS, 1910.

### ARTICLE V.

Houses completely inspected for various causes .....	664
Reports made under Housing Acts, 1909 and 1919 .....	45
Notices served under the said Housing Acts .....	41
Houses reported under Section 17 for closing .....	1
Houses considered to be in a state so dangerous or injurious to health as to be unfit for human habitation .....	1
Closing Orders made by Local Authority .....	0
Dwelling-houses closed after Closing Orders .....	0
Houses reported under Section 15 and Section 28 for repairs necessary to put such houses into a fit state for human habitation.....	45
Notices served under Sections 15 and 28 .....	41
Orders under Sections 15 and 28 complied with by Owners .....	28
Orders carried out by Local Authority under the powers of the Act...	0
Orders not complied with under Section 17 .....	1
Orders not complied with under Section 15 and Section 28 .....	17
New Houses erected and Certified .....	70
Houses closed on owners' initiative .....	0

### HOUSING ACCOMMODATION.

Seventy houses have been erected by private enterprise during the year.

The cost of labour and materials, especially the latter, both for construction of new and repair of old houses, is still so high that in the presence of restriction on rent it is difficult to get any considerable amount of work executed.

There is still need for the provision of houses properly adapted for the use of manual workers and other persons with small means.



## THE REMOVAL OF HOUSEHOLD REFUSE.

	1922	1923
Estimated Amount of Refuse removed from Borough .....	15662 Loads	13845 Loads
Number of Ashpits replaced by Ashbins during the year .....	5478	783

This shows a reduction of 1817 loads compared with the previous year. This is due to the loads being principally motor loads, and being of greater capacity than the horse loads.

## ABSTRACT WORK OF SANITARY INSPECTORS.

	1923
Total Visits .....	33030
Complaints received from public .....	1533
Inspections on complaints .....	1533
Miscellaneous Inspections .....	5885
Houses completely inspected—for in-going tenants, sickness, etc.	664
Re-inspections relating to sanitary defects under notice, etc.....	3270

### Routine Inspections of Special Premises :—

Factories and Workshops, including Bakehouses .....	292
Common Lodging-houses .....	254
Stable Premises .....	121
Offensive Trades .....	16
Milk Shops.....	110
Smoke Observations (one hour each) .....	20

### Sanitary Defects Remedied :—

Houses re-drained, or drains amended, etc. ....	456
Privies, etc., converted into W.C.'s .....	122
Miscellaneous Nuisances, etc., remedied .....	1101
Total .....	13844

### Notices Served for Abatement of Nuisances, etc. :—

Verbal .....	43
Preliminary .....	322
Statutory .....	488
Sewer complaints reported to Highway Dept. ....	30
Sanitary Certificates issued .....	13

# Infectious Diseases :—

Inquiries into Cases .....	1653
Patients removed to Isolation Hospital .....	125
Houses disinfected .....	257
Bedding disinfected .....	281
Notices to School Attendance Officers .....	1878
Notices to Free Library .....	1738
Notices to School Medical Officer .....	1853

# Disinfected :—

Schools .....	9
Stables and Cowsheds .....	2

# Consumption :—

Cases notified .....	114
Pulmonary .....	86
Non-Pulmonary .....	28
Number of visits to Tuberculosis Patients .....	1387
Patients' Visits to Dispensary .....	907
Examined by Tuberculosis Officer .....	638
Enquiries—Contacts .....	1955

# Prevention of Infantile Mortality :—

Birth notifications received .....	1042
First Visits to houses where births have occurred .....	940
Re-Visits.....	3321
Enquiries <i>re</i> Children over 1 and under 5 years of age.....	3175
Special Enquiries for Medical Officer of Health .....	87
Incidental Calls.....	715
Visits to Infectious Cases .....	143
Visits to houses found closed .....	1039
Visits to cases of sore eyes .....	41



## SUPERVISION OF FOOD SUPPLIES.

Visits to :—

Public Slaughter-houses .....	225
Private Slaughter-houses .....	280
Butchers' Shops .....	1413
Fish and Poultry Shops .....	1528
Other Shops .....	13218
Restaurant or Hotel Kitchens (workplaces) .....	46
Ice-cream Workshops .....	17
Ice-cream Stalls .....	66
Potted Meat and Fish Works .....	117
Piggeries .....	28
Cowsheds .....	117
Milk Farms outside the Borough .....	29
Bacteriological Examination of Milk .....	67
	<hr/>
	17151

## UN SOUND FOOD DESTROYED.

Under Magistrates' Order :— Nil.

By Consent of Owner or Consignee :—

Beasts' Carcases .....	1
Beasts' Livers .....	24
Beasts' Lungs (sets) .....	31
Beef (lbs.) .....	533
Beasts' Heart .....	1
Calf's Carcase .....	1
Pigs' Livers .....	2
Pigs' Carcases .....	8
Pigs' Lungs (sets) .....	4
Ox Tongues (lbs.) .....	168
Pork (lbs.) .....	97
Cheese (lbs.) .....	16
Sheep's Carcase .....	6
Condensed Milk (tins) .....	37
Eggs, Liquid (lbs.) .....	44
Salmon (lbs.) .....	23
Apples (lbs.) .....	800
Bacon (lbs.) .....	12
Kippers (lbs.) .....	42
Cray Fish (cwts.) .....	5
Fruit (Tins of) Cherries (lbs.) .....	5
Tomatoes (lbs.) .....	248
Shrimps, Picked (kegs) .....	2
Shrimps, Rough (lbs.) .....	150
Canned Crabs (lbs.) .....	88
Halibut (lbs.) .....	52

## ABATEMENT OF NUISANCES.

Only 7 per cent. of the total Nuisances reported remained wholly or partly unabated at the end of the year. Viewed in the light of the present prevailing difficulties, this is to be considered extremely satisfactory.

### REPORT ON ABATEMENT OF NUISANCES FOR THE YEAR.

It represents .....	1744
Cases of which .....	1624
(over 93%) have been satisfactorily complied with. The rest are under enquiry as to progress made.	
The remaining number (including 10 Ainsdale Drainage Cases) .....	120
Are classified as follows :—	
Withdrawn or deferred by Health Committee .....	0
Passed to Surveyor to carry out under powers .....	41
Deferred for further negotiation .....	59
Referred to Town Clerk by Health Committee .....	0
Deferred on Advice of Town Clerk .....	0
Unoccupied .....	0
Change of Owner .....	0
Work in Progress .....	3
In Contractors' Hands .....	27

## ABATEMENT OF NUISANCES.

There is unfortunately increasing carelessness—some of it wilful—among a certain class of contractors associated with repairing house property, in carrying out work without giving notice to the Sanitary Inspector as required by statute; and as a result of absence of supervision work is improperly done, especially repairs and alterations to drains which, being underground, are hidden from sight.

Two very gross cases of bad drainage work were discovered during the year. In one case the work had been executed some years ago and the purchasers and occupiers of four houses had been exposed to serious risk to health, besides frequently incurring expense in removing stoppages from their drains. The facts were too obscure to take legal proceedings to punish the persons who were guilty of grossly irregular workmanship.

The second case only came to light through the occupier-owner of the premises—not feeling satisfied that the contractor had carried out certain alterations to his house in a proper manner—calling in the Sanitary



Inspector to examine the work done before he paid his account. The examination revealed a right-angle cut-junction on the house drain, the branch pipe being inserted two inches within the periphery of the house drain, thereby conducing to chokage in the drain. There can be no sound excuse for such work.

There was, however, considerable difficulty in getting the offender before the Petty Sessions Court. The Magistrates, without going into the case, and after hearing a letter of apology from the offender, agreed to the defendant paying the costs, and thus the matter closed. The Justices, by not hearing the facts of the cases, were unable to realise the heinous nature of the offences and, by not even inflicting a light penalty, unwittingly put a premium on bad workmanship, to the detriment of the public health, and the infliction of loss on the unfortunate property owner.

### SANITARY CERTIFICATES.

Householders are strongly advised to have the Drains and Sanitary Fitments of their dwellings inspected and tested triennially. These occasional examinations act as an insurance against sickness from environmental defects.

### COMMON LODGING HOUSES.

There are five Registered Common Lodging Houses in the Borough, all situate in Boundary Street, with accommodation for 101 Lodgers. At two of these houses the sanitary conveniences have been converted from Waste Water to Fresh Water Closets and better accommodation for personal ablution provided. The houses have been kept fairly clean and well conducted during the year.

### SHOPS' INSPECTION.

Much of the Inspectors' time is occupied in patrolling, and in the greater part of this no entrance that can be included in the count of visits set out in the Table below is involved. The table includes evening visits.

Total Visits .....	1463
--------------------	------

#### Breaches of Shops' Act Discovered :—

Trading during prohibited hours .....	37
Assistants not getting full time for meals .....	4
Assistants not getting Weekly Half-holiday .....	0
No Notice in Shop <i>re</i> Weekly Half-holiday .....	343
No Notice in Shop <i>re</i> Closing Day .....	76
Shop Seats—Absence of .....	0

Action taken as to offences :—

Warned verbally .....	411
Warned by letter .....	5
Reported to Local Authority .....	18
*Prosecutions .....	12
Night Patrol—Hours .....	97

\* Twelve Prosecutions—Ten fined 10/- each, and two fined 5/- each.

## PUBLIC ELEMENTARY SCHOOLS.

(See the Report of the School Medical Officer).

## SLAUGHTER-HOUSES.

Animals slaughtered in the Borough for human consumption :—

	Poplar Street Slaughter-houses.		In the eight Private Slaughter-houses.		Totals.
	Public.	Rented.			
Cattle .....	702	1578	.....	688	2968
Calves .....	323	858	.....	187	1368
Sheep .....	4572	16023	.....	6540	27135
Pigs .....	611	—	.....	745	1356
Total .....	6208	18459	.....	8160	32827

A number of Pigs have been killed on private premises. It is quite time improved Pig-slaughtering accommodation should be provided at the Public Slaughter-houses, so as to enable the slaughtering to be done under proper supervision.

## PRIVATE SLAUGHTER-HOUSES.

At the beginning of the year there were eight Private Slaughter-Houses in the District. One of these—a registered one—has been converted into a Laundry during the year. Only three of the remaining seven are in use. These are kept satisfactorily clean, and free from nuisance, and the business in each case is properly conducted. About 25% of the animals slaughtered in the District are dealt with in the Private Slaughter-Houses.

## PUBLIC WATER SUPPLY.

The water is drawn from deep wells in the New Red Sandstone about ten miles inland. No purer water occurs in nature.



# ANALYSIS, SAMPLE, 9th OCTOBER, 1923.

CHEMICAL.	Parts per 100,000.
Calcium Carbonate .....	19.00
Magnesium Carbonate .....	3.52
Calcium Sulphate .....	2.43
Magnesium Sulphate .....	7.80
Magnesium Chloride.....	3.87
Sodium Carbonate .....	5.53
Potassium Carbonate .....	1.01
Oxide of Iron, Silica, etc. ....	50
	<hr/> 43.66
Temporary hardness .....	23.2
Permanent hardness .....	12.4
Total hardness .....	35.6
Free Ammonia .....	nil.
Organic Ammonia .....	.001
Oxygen absorbed in 3 hours .....	.02
Nitrates .....	nil.
Nitrites .....	nil.
Lead .....	nil.
Colour seen in a 2-foot tube.....	Blue-green
Appearance .....	Bright & Sparkling

HERBERT E. DAVIES.

## BACTERIOLOGICAL.

No. of organisms per cc. capable of growing upon nutrient gelatine at  
22 deg. C. in four days.....20 colonies per cc.

No. of organisms per cc. capable of growing upon agar at 37 deg. C. in  
three days .....3 colonies per cc.

Smallest quantity of water giving acid and gas reaction in double-strength  
bile salt lactose ..... absent in 98 cc.

Streptococci absent in 98 cc. of water.

Bac. Enteritidis absent in 100 cc. water.

E. E. GLYNN.

## RESULTS FOR CONSECUTIVE YEARS.

	Temporary.	Permanent.	Total.
1913—Nov. 28th .....	26.5	12.0	38.5
1913—Dec. 18th .....	22.6	16.4	39.0
1915—Mar. 18th .....	24.0	12.0	36.0
1915—Mar. 23rd .....	21.0	12.4	33.4
1916—Feb. 3rd .....	26.2	7.6	33.8
1917—Feb. 17th .....	18.7	9.6	28.3
1918—Jan. 29th .....	18.6	9.9	28.5
1919—Jan. 13th .....	24.9	17.0	41.9
1919—Dec. 30th .....	25.5	14.6	40.1
1920—Dec. 16th .....	23.0	12.8	35.8
1921—June 29th .....	25.5	13.8	39.3
1922—Nov. 23rd .....	23.2	12.7	35.9
1923—Oct. 9th .....	23.2	12.4	35.6

## CLOSET ACCOMMODATION.

There are still about 100 privies, which will no doubt be converted into fresh-water closets as the effects of War conditions disappear.

## SEWERAGE WORKS.

There now remain only about 32 houses in the sewered area of Ainsdale not connected to the public sewers.

## GENERAL SANITARY WORK.

The following Table shows the nature and amount of work done during the year by the Highways Department under orders sent to it by the Health Department, and also the corresponding figures for the two preceding years :—

	1921	1922	1923
Houses drained or re-drained .....	*229	*120	*201
House drains unstopped .....	524	555	530
Midden privies converted in W.C.'s...	37	41	19
Bristol ejects and trough closets converted into fresh-water closets...	14	20	37
Wet ashpits converted into dry .....	37	0	0
Sundry structural nuisances abated...	202	213	197
Totals .....	1043	949	984

\* Including new connections at Ainsdale.



Further work exceeding in the aggregate that referred to in above table, has been completed under Private Contract.

The number of drain stoppages reported (and cleared) is still very high, and calls for greater individual effort on the part of householders to improve the standard of domestic cleanliness. **It is deplorable that so many householders should neglect to cleanse their gulleys and drains.**

It cannot be too frequently reiterated that it is the duty of every occupier of a house for the health of the inmates, to cleanse the slopstone wastepipe and drain gully (which is the most dangerous apparatus in a dwelling from the point of view of sanitation), thoroughly at regular intervals of not more than a week. The waste pipe should be well scalded with hot water and soda, and the gully grids removed and scrubbed clean, the gully well flushed with a large volume of water, and deposit scrubbed off the inside so as to leave the surface clean, and the grid replaced. Any flushing of private drains done by the Corporation is gratuitous and beyond their Statutory duties.

SUMMARY OF SAMPLES SUBMITTED FOR ANALYSIS  
DURING 1923.

Informal Samples				Nature of Sample	Formal Samples					
Number Taken	Number Genuine	Adulterated			Number Taken	Number Genuine	Adulterated		Vendors Cautioned	Prosecutions
		Materi-ally	Trivially or doubtful				Materi-ally	Trivially or doubtful		
...	...	...	...	Milk .....	92	90	1	1	2	...
2	2	...	...	Lemon Cordial .....	...	...	...	...	...	...
5	5	...	...	Cocoa .....	...	...	...	...	...	...
...	...	...	...	Beef Sausage .....	6	6	...	...	...	...
3	3	...	...	Marmalade .....	1	1	...	...	...	...
5	5	...	...	Butter .....	14	14	...	...	...	...
1	1	...	...	Full Cream Milk Pdr. ....	...	...	...	...	...	...
1	1	...	...	Cheese .....	1	1	...	...	...	...
1	1	...	...	Lard .....	5	4	...	1	1	...
4	4	...	...	Pork Sausage .....	4	4	...	...	...	...
2	2	...	...	Syrup of Senna .....	...	...	...	...	...	...
1	...	1	...	Canned Peas .....	...	...	...	...	...	...
1	...	...	1	Canned Haricot Beans .....	...	...	...	...	...	...
...	...	...	...	Margarine .....	3	2	1	...	...	1
...	...	...	...	Damson Jam .....	2	2	...	...	...	...
2	2	...	...	Potted Beef .....	...	...	...	...	...	...
1	1	...	...	Camphorated Oil ...	...	...	...	...	...	...
1	1	...	...	Self Raising Flour ...	2	2	...	...	...	...
1	1	...	...	Sponge Buns .....	...	...	...	...	...	...
1	1	...	...	Tomato Ketchup ...	...	...	...	...	...	...
1	1	...	...	Cream .....	...	...	...	...	...	...
1	1	...	...	Nut Cream Butter...	...	...	...	...	...	...
1	...	...	1	Potted Salmon .....	...	...	...	...	...	...
1	1	...	...	Malt Vinegar .....	...	...	...	...	...	...
1	1	...	...	Orange Quinine Wine .....	...	...	...	...	...	...
2	2	...	...	Cream of Tartar ...	...	...	...	...	...	...
1	1	...	...	Cod Liver Oil .....	...	...	...	...	...	...
1	...	...	...	Chocolates .....	...	...	...	...	...	...
...	...	...	...	Strawberry Jam ...	1	1	...	...	...	...
1	1	...	...	Condensed Milk .....	...	...	...	...	...	...
1	1	...	1	Potted Shrimps .....	...	...	...	...	...	...
1	1	...	...	Salmon Paste .....	...	...	...	...	...	...
1	1	...	...	Calcined Magnesia ...	...	...	...	...	...	...
1	1	...	...	Liquorice Powder ...	...	...	...	...	...	...
1	1	...	...	Olive Oil .....	...	...	...	...	...	...
1	1	...	...	Crystalized Lemon Sq. ....	...	...	...	...	...	...
1	1	...	...	Sulphur Ointment ...	...	...	...	...	...	...
1	1	...	...	Black Currant Jelly...	...	...	...	...	...	...
1	1	...	...	Tartaric Acid .....	...	...	...	...	...	...
...	...	...	...	Raspberry Jam .....	1	1	...	...	...	...
5	2	3	...	Sponge Cakes .....	3	...	3	...	1	2
2	2	...	...	Pure Honey .....	...	...	...	...	...	...
1	1	...	...	Shredded Beef Suet...	...	...	...	...	...	...
1	1	...	...	Ground Ginger .....	...	...	...	...	...	...
1	1	...	...	Black Currant Wine and Cordial .....	...	...	...	...	...	...
3	3	...	...	Coffee .....	...	...	...	...	...	...
1	1	...	...	Ground Almonds ...	...	...	...	...	...	...
65	58	4	3		135	128	5	2	4	3



## PARTICULARS OF SAMPLES REPORTED TO BE NOT GENUINE.

MILK.—Two formal samples were reported against. One 8% short of fat, vendor cautioned. One contained Boric Acid 22 grains per gallon. On hearing the vendor's explanation, the Authority decided not to prosecute. No informal samples reported against.

LARD.—One formal sample contained 1.30% of water; vendor cautioned.

CANNED PEAS.—One informal sample contained copper sulphate 1.89 grains per pound.

CANNED HARICOT BEANS.—One informal sample contained copper sulphate 1.4 grains per pound.

MARGARINE.—One formal sample—unlabelled. Convicted and fined 40/- including costs.

POTTED SALMON.—One informal contained Boric Acid 64.4 grains per lb.

POTTED SHRIMPS.—One informal sample contained 0.67% Boric Acid.

SPONGE CAKE.—Three formal samples reported against. One contained Boric Acid 0.40%, convicted and fined 20/- and Analyst's fee. One contained 0.24% Boric Acid, withdrawn at Petty Sessions on payment of costs. One contained 0.07% Boric Acid, vendor cautioned.

Three informal samples contained Boric Acid 0.24%, 0.23%, and 0.12% respectively. Formal samples taken subsequently.

## WART DISEASE OF POTATOES ORDER, 1918.

No action taken this year.

# FACTORY AND WORKSHOP ACTS.

The following Report is made out in accordance with the requirements of the Home Office, to whom a copy of this Report has to be sent.

## Factories, Workshops, Workplaces, and Homework.

### 1.—INSPECTION.

INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
FACTORIES .....	44	0	None.
(Including Factory Laundries.)			
WORKSHOPS .....	248	8	"
(Including Workshop Laundries.)			
WORKPLACES .....	63	0	"
Totals.....	355	8	"

### 2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
<i>Nuisances under the Public Health Acts—*</i>				
Want of Cleanliness .....	6	6	None.	None.
Want of Ventilation .....	0	0	"	"
Overcrowding.....	0	0	"	"
Want of Drainage of Floors .....	0	0	"	"
Other Nuisances.....	1	1	"	"
Sanitary Accommodations	insufficient .....	2	2	"
	unsuitable or defective .....	1	0	"
	not separate for sexes .....	0	0	"
<i>Offences under the Factory and Workshop Act—</i>				
Illegal occupation of Underground				
Bakehouse (S. 101) .....	None.	None.	"	"
Breach of special Sanitary Requirements for Bakehouses (SS. 97 to 100) .....	0	0	"	"
Other Offences .....	None.	None.	"	"
Total.....	10	9	"	"

\*Including those specified in sections 2, 3, 7 and 8, of the Factory and Workshop Act as remediable under the Public Health Acts.

||Section 22 of the Public Health Acts Amendment Act, 1890, has been adopted in Southport. The standard of sufficiency and suitability of sanitary accommodation for persons employed in factories and workshops is in accordance with the Sanitary Accommodation Order of 4th February, 1903.



#### 4.—REGISTERED WORKSHOPS.

Total number of workshops on Register .....212

#### 5.—OTHER MATTERS.

Class.	Number.
Matters notified to H.M. Inspectors of Factories.....	...
Failure to affix Abstract of the Factory and Workshop Act (S. 133) .....	...
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory Act (S. 5)	<div> <div>Notified by H.M. Inspector .....</div> <div>Reports (of action taken) sent to H.M. Inspector .....</div> </div>
Other Matters—Forms received from H.M. Inspector <i>re</i> New Workshops .....	32
Underground Bakehouses (S. 101)—	
Certificates granted during the year .....	...
In use at the end of the year.....	8

April, 1924.

GEO. C. BARNES,

*Medical Officer of Health.*

NOTE.—The Factory and Workshop Act, 1901 (s. 132), requires the Medical Officer of Health in his ANNUAL REPORT to the District Council to report specifically on the administration of the Act in workshops and workplaces, and to send a copy of his Annual Report, or so much of it as deals with this subject, to the Secretary of State (Home Office).

TABLE I.  
Vital Statistics of Whole District during 1923 and previous Years.  
COUNTY BOROUGH OF SOUTHPORT.

Year.	Population estimated to middle of each year.	Births.		Deaths Registered in the District.		Transferable Deaths.		Nett Deaths Belonging to the District.				
		Un-corrected Number.	Nett.	Z.	Rate.	of Non-residents registered in the District.	Rate per 1,000 Births.	Under 1 Year of Age.		At all Ages.		
								Number.	Rate.		Number.	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1910	51,383	866	866	16.85	709	13.80	25	31	89	103	715	13.91
1911	51,740	784	805	15.56	701	13.55	60	70	91	113	705	13.63
1912	70,640	1028	1039	14.71	882	12.48	93	89	78	76	878	12.43
1913	71,092	1063	1083	15.23	886	12.46	53	95	101	93	928	13.05
1914	71,747	1016	1024	14.27	974	13.58	59	117	100	98	1033	14.40
1915	67,700	977	1001	13.96	1020	15.20	73	115	88	88	1071	15.82
1916	67,000	1008	1021	14.24	946	14.12	85	112	87	85	987	14.73
1917	66,000	785	800	11.16	895	13.56	65	106	65	81	928	14.06
1918	69,000	776	788	10.99	1042	15.79	93	119	47	60	1059	16.05
1919	70,000	877	887	12.14	1038	14.83	98	132	80	90	1078	15.40
1920	70,000	1259	1261	17.26	915	13.07	81	121	68	54	945	13.50
1921	71,000	1120	1106	15.38	894	12.43	71	97	77	70	920	12.80
1922	72,020	1023	1028	14.27	940	13.05	79	114	58	56	975	13.54
1923	72,410	1012	986	13.76	940	12.98	69	106	65	65	977	13.49

z Including deaths in Moss Lane Infectious Hospital in the West Lancashire Rural District.

x Calculated on the estimated population for middles of 1919 and 1920, as directed by the Registrar-general (73,000) for the Birth Rate, and on 71,700 for 1915-18.

\* In Column 6 are included the whole of the deaths registered during the year as having actually occurred within the district, military deaths excepted.

In Column 12 is entered the number in Column 6, corrected by subtraction of the number in Column 8 and by the addition of the number in Column 9. Deaths in Column 10 are similarly corrected by subtraction of the deaths under 1, included in the number given in Column 8, and by addition of the deaths under 1 included in the number given in Column 9.

a "Transferable Deaths" are deaths of persons who, having a fixed or usual residence in England or Wales, die in a district other than that in which they resided.

b See remarks, Table III.

The following Special Cases arise as to Transferable Deaths:—

(1) Persons dying in Institutions for the sick or infirm, such as hospitals, lunatic asylums, workhouses, and nursing homes (but not almshouses) have been regarded as residents of the district in which they had a fixed or usual residence at the time of admission. If the person dying in an Institution had no fixed residence at the time of admission the death is not transferable.

(2) The deaths of infants born and dying within a year of birth in an Institution to which the mother was admitted for her confinement have been referred to the district of fixed or usual residence of the parent.

(3) Deaths from Violence have been referred (a) to the district of residence, under the general rule; (b) if this district is unknown, or the deceased had no fixed abode, to the district where the accident occurred, if known; (c) failing this, to the district where death occurred, if known; and (d) failing this, to the district where the body was found.

Census	
	1911
Total population at all ages	10,211
Number of inhabited houses	69643
Average number of persons per house	71900
Area of District in acres (land and inland water)	16314
	4.41
	9426



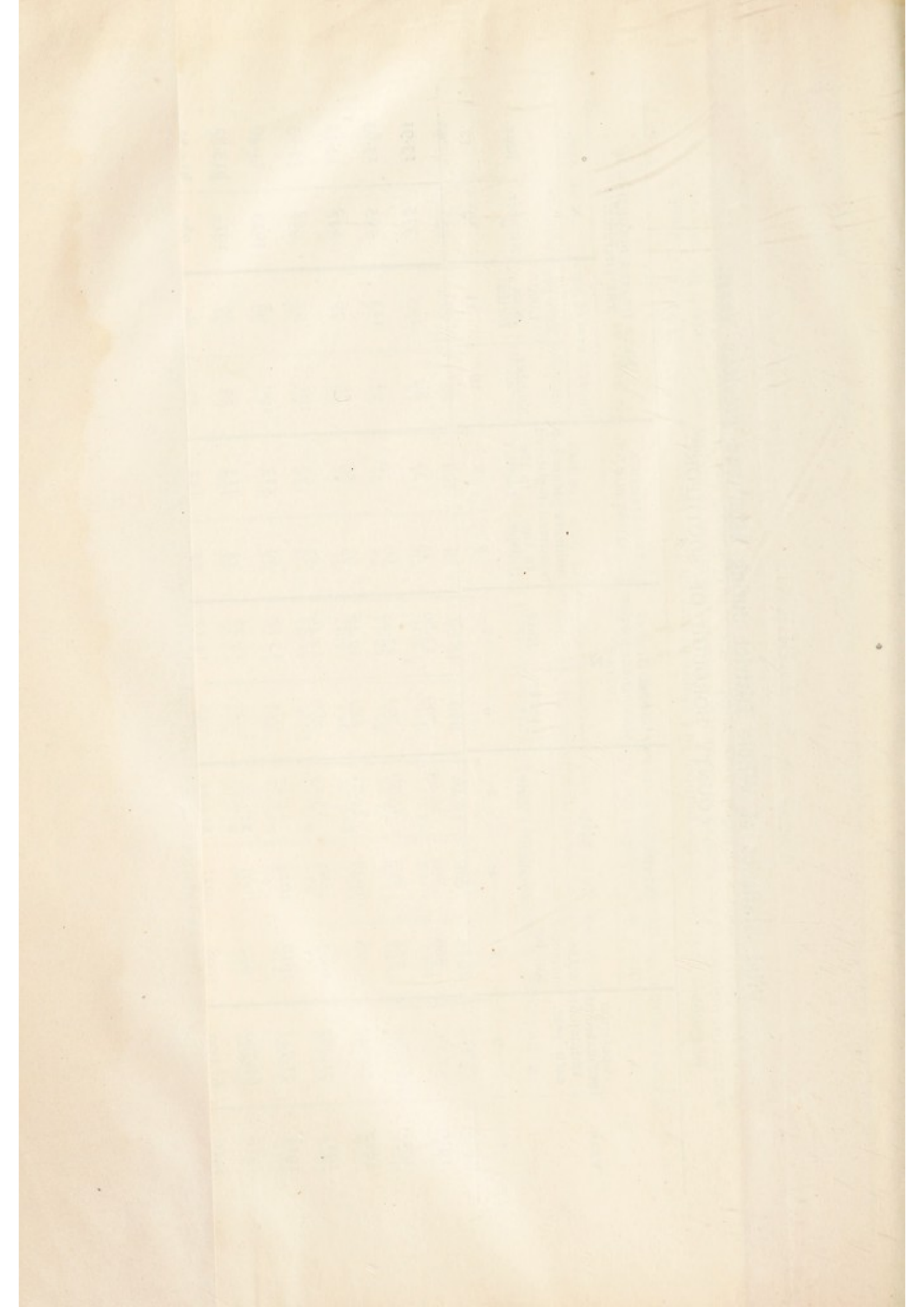


TABLE II.—CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1923.  
COUNTY BOROUGH OF SOUTHPORT.

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED.								TOTAL CASES NOTIFIED IN EACH LOCALITY.					TOTAL CASES REMOVED TO HOSPITAL.
	At all Ages.	At Ages—Years.							1	2	3	4	5	
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.	Six Central Wards. Est. pop. 29,410.	Scarisbrick and Sussex Wards. Est. pop. 11,830.	Park and Birkdale West Wards. Est. pop. 9,040.	Hesketh Ward. Est. pop. 4,930.	Birkdale N'rbh, East South and Ainsdale Wards. Est. pop. 15,180.	
Small-pox .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera (C) Plague (P) .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous Croup) .....	37	1	4	16	8	4	2	2	20	1	2	3	11	29
Erysipelas .....	22	...	...	1	3	4	13	1	7	7	3	2	3	3
Scarlet Fever .....	101	...	25	56	10	9	1	...	34	21	12	15	19	84
Typhus Fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever .....	7	...	...	...	2	3	2	...	3	1	1	1	1	1
Para-Typhoid Fever .....	2	...	...	1	...	1	...	...	...	...	2	...	...	...
Relapsing Fever (R) Continued Fever (C) .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever .....	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis .....	1	...	1	...	...	1	...	...	...	1	...	...	...	...
Poliomyelitis .....	1	...	...	...	...	...	...	...	...	1	...	...	...	2
Pulmonary Tuberculosis .....	87	...	...	1	...	...	...	...	...	...	...	...	1	...
Other forms of Tuberculosis .....	32	2	9	8	15	34	28	2	39	13	10	10	15	...
Chicken Pox .....	307	6	64	225	5	3	...	...	12	10	2	1	7	...
Measles .....	1064	22	298	705	8	3	1	...	71	113	25	36	62	...
German Measles .....	16	...	5	11	...	9	1	...	404	261	80	81	238	5
Whooping Cough .....	121	6	48	62	3	2	...	...	5	1	5	...	5	...
Ophthalmia Neonatorum .....	6	6	...	...	...	...	...	...	62	21	14	14	10	...
Pneumonia .....	113	3	7	11	28	33	27	4	4	1	...	...	1	...
Influenzal Pneumonia .....	11	...	2	2	3	2	2	...	39	31	3	11	29	1
Dysentery Amoebic .....	...	...	...	...	...	...	...	...	6	3	...	2	...	...
Malaria .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica .....	4	...	...	3	...	1	...	...	3	...	...	...	1	2
Totals .....	1933	46	463	1115	114	109	77	9	709	486	159	176	403	127



TABLE I  
 SUMMARY OF RESULTS

No.	Name	Age	Sex	Height	Weight	Temp.
1	John Doe	25	M	5' 8"	150	98.6
2	Jane Smith	22	F	5' 4"	120	98.4
3	Robert Brown	28	M	6' 0"	180	98.8
4	Mary White	20	F	5' 6"	110	98.2
5	William Black	30	M	5' 10"	160	98.5
6	Elizabeth Green	24	F	5' 3"	105	98.1
7	Thomas Grey	26	M	5' 9"	145	98.7
8	Sarah Hall	21	F	5' 5"	115	98.3
9	Charles King	29	M	6' 2"	190	98.9
10	Anna Lee	19	F	5' 2"	100	98.0
11	James Miller	31	M	6' 1"	175	98.7
12	Patricia Wilson	23	F	5' 7"	125	98.5
13	Richard Young	27	M	5' 11"	165	98.6
14	Linda Adams	20	F	5' 4"	110	98.2
15	George Baker	32	M	6' 3"	200	99.0
16	Helen Clark	25	F	5' 6"	120	98.4
17	Frank Evans	28	M	5' 9"	150	98.7
18	Grace Foster	21	F	5' 3"	105	98.1
19	Henry Gibson	33	M	6' 4"	210	99.1
20	Irene Harris	24	F	5' 8"	130	98.6
21	Joseph Hill	26	M	5' 10"	160	98.8
22	Katherine Jones	22	F	5' 5"	115	98.3
23	Lawrence King	29	M	6' 0"	180	98.9
24	Margaret Lee	20	F	5' 2"	100	98.0
25	Nathan Miller	31	M	6' 1"	175	98.7
26	Olivia Wilson	23	F	5' 7"	125	98.5
27	Philip Young	27	M	5' 11"	165	98.6
28	Rebecca Adams	20	F	5' 4"	110	98.2
29	Samuel Baker	32	M	6' 3"	200	99.0
30	Tina Clark	25	F	5' 6"	120	98.4
31	Victor Evans	28	M	5' 9"	150	98.7
32	Wendy Foster	21	F	5' 3"	105	98.1
33	Xavier Gibson	33	M	6' 4"	210	99.1
34	Yvonne Harris	24	F	5' 8"	130	98.6
35	Zachary Hill	26	M	5' 10"	160	98.8
36	Alice Jones	22	F	5' 5"	115	98.3
37	Benjamin King	29	M	6' 0"	180	98.9
38	Catherine Lee	20	F	5' 2"	100	98.0
39	David Miller	31	M	6' 1"	175	98.7
40	Evelyn Wilson	23	F	5' 7"	125	98.5
41	Frederick Young	27	M	5' 11"	165	98.6
42	Geraldine Adams	20	F	5' 4"	110	98.2
43	Harold Baker	32	M	6' 3"	200	99.0
44	Iris Clark	25	F	5' 6"	120	98.4
45	Jack Evans	28	M	5' 9"	150	98.7
46	Karen Foster	21	F	5' 3"	105	98.1
47	Lester Gibson	33	M	6' 4"	210	99.1
48	Margaret Harris	24	F	5' 8"	130	98.6
49	Nathan Hill	26	M	5' 10"	160	98.8
50	Olivia Jones	22	F	5' 5"	115	98.3

TABLE III.

## Causes of, and Ages at, Death during the Year 1923.

CAUSES OF DEATH.	NETT DEATHS AT THE SUBORDINATE AGES OF "RESIDENTS" WHETHER OCCURRING WITHIN OR WITHOUT THE DISTRICT (c).										TOTAL DEATHS OF "RESIDENTS" OR "NON-RESIDENTS" IN INSTITUTIONS OR IN THE DISTRICT (b).	
	All ages.	Under 1 year.	1 and 2 years.	2 and 5 years.	5 and 15 years.	15 and 25 years.	25 and 45 years.	45 and 65 years.	65 and up.	Whether occurring within or without the District (c).	65 and up.	Residents in Institutions or in the District (b).
1	2	3	4	5	6	7	8	9	10	11	12	13
All Causes	940	62	25	12	23	83	238	465	...	...	...	...
(Certified (c))	37	3	1	1	...	...	2	10	20	...	...	...
(Uncertified)	...	...	...	...	...	...	...	...	...	...	...	...
1—Enteric Fever	...	...	...	...	...	...	...	...	...	...	...	...
2—Small Pox	...	...	...	...	...	...	...	...	...	...	...	...
3—Measles	9	1	6	2	...	...	...	...	...	...	...	...
4—Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...
5—Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...
6—Diphtheria and Group	1	...	...	...	1	...	...	...	...	...	...	...
7—Influenza	19	...	...	...	1	1	3	6	8	...	...	...
8—Erysipelas	3	...	...	...	...	1	...	1	1	...	...	...
9—Phthisis (Pulmonary Tuberculosis)	52	...	...	...	...	9	24	14	5	14	...	...
10—Tuberculous Meningitis	7	2	1	2	1	1	...	...	...	...	1	...
11—Other Tuberculous Diseases	9	...	2	3	1	...	...	3	...	...	6	...
12—Cancer, malignant disease	93	...	...	...	...	...	3	41	49	6	...	...
13—Rheumatic Fever	4	...	...	...	2	...	...	...	1	1	...	...
14—Meningitis (See Note (d))	9	4	2	...	...	2	1	...	...	...	3	...
15—Organic Heart Disease	115	...	...	...	1	...	7	37	70	3	...	...
16—Bronchitis	97	4	2	1	...	...	5	19	66	1	...	...
17—Pneumonia (all Forms)	59	3	4	1	1	1	9	20	20	4	...	...
18—Other diseases of respiratory organs	16	...	...	...	...	...	1	5	10	1	...	...
19—Diarrhoea & Enteritis (See Note (e))	9	8	1	...	...	...	...	...	...	...	...	...
20—Appendicitis and Typhlitis	6	...	...	1	1	...	2	2	2	4	...	...
21—Cirrhosis of Liver	11	...	...	...	...	...	8	3	2	...	...	...
21a—Alcoholism	...	...	...	...	...	...	...	...	...	...	...	...
22—Nephritis and Bright's Disease	33	...	...	...	1	2	18	12	1	...	...	...
23—Puerperal Fever	...	...	...	...	...	...	...	...	...	...	...	...
24—Other Accidents and Diseases of Pregnancy and Parturition	2	...	...	...	...	2	...	...	2	...	...	...
25—Congenital Debility and Malformation, including Premature Birth	35	34	...	1	...	...	...	...	...	...	4	...
26—Violent Deaths, excluding Suicide	19	1	2	1	...	4	2	5	4	9	...	...
27—Suicide	6	...	...	...	...	...	1	3	2	1	...	...
28—Other Defined Diseases	321	8	5	...	3	3	25	80	227	34	...	...
29—Diseases ill-defined or unknown	12	...	1	1	...	...	...	5	5	...	...	...
977	65	26	13	12	23	85	268	485	96	...	...	...
14 (a) Cerebro-Spinal Meningitis	...	...	...	...	...	...	...	...	...	...	...	...
28 (a) Polymyositis	...	...	...	...	...	...	...	...	...	...	...	...
28 (a) Paratyphoid	1	...	...	...	...	...	...	...	1	...	...	...





TABLE IV.

**Infantile Mortality during the Year 1923.**

**Nett Deaths from stated Causes at Various Ages under One Year of Age.**

(See Note (a) at Back).

CAUSES OF DEATH.	Under 1 week.		1-2 weeks.		2-3 weeks.		3-4 weeks.		Total under 4 weeks.		1-3 months.		3-6 months.		6-9 months.		9-12 months.		Total Deaths under 1 year.			
	Certified	Uncertified																				
All causes	22	3	5	8	33	7	11	6	5	62												
Small-pox	1				1					3										3		
Chicken-pox																						
Measles																		1		1		
Scarlet Fever																						
Whooping Cough																						
Diphtheria & Croup																						
Erysipelas																						
Tuberculous Meningitis																						
Abdominal Tuberculosis (b)																				2		
Other Tuberculous Diseases																						
Meningitis (not Tuberculous)											1											
Convulsions																						
Laryngitis																						
Bronchitis													1		2	1				4		
Pneumonia (all forms)											2					1				3		
Diarrhoea																						
Enteritis		1		1	2	2	4													8		
Gastritis							1						1							1		
Syphilis																						
Rickets																						
Suffocation, overlying																						
Injury at birth																						
Atelectasis		2			2					2												
Congenital Malformations (c)			3		3	2	1													2		
Premature birth	18	1	2		21															6		
Atrophy, Debility, & Marasmus	2	1		2	5															21		
Other Causes	1				1		3	1	1											7		
																				6		
Totals	23	3	5	3	34	7	12	7	5	65										65		
Nett Births registered during the calendar year	legitimate	987	Nett Deaths registered during the calendar year																		legitimate	55
	illegitimate	59	illegitimate																		10	
Death Rate 65.	Total	996	Total																		65	
Death Rate 59.	Legitimate Death Rate 59.	Illitimate Death Rate 169.																				



NOTES TO TABLE IV.

- (a) The total in the last column of Table IV, equals the total in column 12 of Table I, and in column 3 of Table III.
  - (b) Under Abdominal Tuberculosis are included deaths from Tuberculous Peritonitis and Enteritis and from *Tuberc Mesenterica*.
  - (c) The total deaths from Congenital Malformations, Premature Birth, Atrophy, Debility and Marasmus, equal the total in Table III, under the heading Congenital Debility and Malformation including Premature Birth.
  - (d) For references to the meanings of any other headings, see notes attached to Table III.
- In recording the facts under the various headings of Tables I, II, III, and IV, attention has been given to the notes on the Tables.

GEO. C. BARNES,

Medical Officer of Health.

April, 1924.

TABLE V.

Showing the total number of Cases of Infectious Disease notified in the Borough, and the Deaths resulting therefrom, during the last 10 years (1914-1923).  
It includes the Deaths which occurred both in the Borough, and in the Borough Infectious Diseases Hospital (outside the Borough).

	NUMBER OF CASES OF INFECTIOUS DISEASE NOTIFIED.											DEATHS FROM INFECTIOUS DISEASE.											Total Deaths during 10 years 1914 to 1923.	Case Mortality (of all cases) in Borough and Borough Hospital for 10 years, 1914 to 1923.
	1914.	1915.	1916.	1917.	1918.	1919.	1920.	1921.	1922.	1923.	Total Cases for 10 years, 1914 to 1923.	1914.	1915.	1916.	1917.	1918.	1919.	1920.	1921.	1922.	1923.			
Scarlet Fever .....	159	309	150	127	68	119	199	129	168	101	1520	1	6	1	3	2	1	...	...	2	...	16	1.05%	
Small Pox .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Diphtheria .....	57	69	83	41	49	69	41	109	42	37	597	4	8	15	3	3	6	2	5	1	1	48	8.04%	
Typhus .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Typhoid Fever .....	13	7	7	3	9	7	8	13	2	7	76	1	...	...	1	2	1	1	3	...	...	9	11.84%	
Para-Typhoid Fever .....	...	...	1	...	3	...	...	1	...	2	7	...	...	...	...	...	...	...	...	...	1	1	...	
Continued Fever .....	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	
Erysipelas .....	49	43	32	25	30	41	52	23	30	22	347	2	...	...	2	2	...	1	1	...	3	11	3.17%	
Puerperal Fever .....	4	6	3	3	4	3	6	5	1	1	36	3	1	1	2	...	...	2	1	...	...	10	27.78%	
Cerebro-Spinal Meningitis ...	3	...	1	...	...	...	...	...	2	1	7	2	1	...	...	...	...	...	...	...	...	3	...	
Poliomyelitis .....	1	...	1	...	...	...	3	1	1	1	8	1	...	...	...	...	...	...	...	...	...	1	...	
Pulmonary Tuberculosis ...	104	86	145	98	148	98	91	80	104	87	1044	58	49	47	58	51	61	44	42	43	52	505	48.37%	
Other forms of Tuberculosis...	62	46	40	41	44	21	29	34	23	32	372	7	10	11	18	12	14	8	10	8	16	114	30.64%	
Ophthalmia Neonatorum ...	6	7	14	14	12	23	20	12	7	6	121	...	...	...	...	...	...	...	...	...	...	...	...	
*Chicken Pox .....	209	376	369	407	327	269	426	412	119	307	3221	...	...	...	...	...	...	...	...	...	...	...	...	
*Measles .....	938	685	1062	318	862	125	499	890	170	1064	6613	10	4	21	1	4	1	2	2	1	9	55	0.83%	
German Measles .....	...	...	73	142	55	43	44	53	26	16	452	...	...	...	...	...	...	...	...	...	...	...	...	
*Whooping Cough .....	348	588	122	381	238	79	262	293	208	121	2640	8	5	...	4	3	2	3	5	9	...	39	1.48%	

The following additional notifications were received:—Pneumonia and Bronchial-Pneumonia, 113; Influenzal Pneumonia, 11; Encephalitis Lethargica, 4 (1 Death).

\* Chicken Pox, Measles, and Whooping Cough were made compulsorily notifiable in Southport in May, 1902, and Cerebro-Spinal Meningitis, Poliomyelitis, and Ophthalmia Neonatorum in February, 1912.





TABLE VI.—Cases of certain Infectious Disease treated in the Borough Infectious Diseases Hospitals during the last 10 years, 1914 to 1923.

	Totals for the Ten years, 1914 to 1923									
	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923
Scarlet Fever .....	129	275	118	102	54	90	140	94	125	84
Small Pox .....	...	...	...	...	...	...	...	...	...	...
Diphtheria .....	24	48	49	31	34	53	31	84 <sup>o</sup>	34	29
Typhoid Fever .....	8	4	3	1	6	1	4	8	...	1
Erysipelas .....	...	2	2	3	2	4	4	5	4	3
Puerperal Fever .....	1	1	...	2	2	1	3	4	...	14
Measles .....	4	10	3	3	4	1	2	17	2	5
German Measles .....	...	...	...	...	...	2	...	1	...	3
Chicken Pox .....	...	...	1	...	...	1	1	...	...	3
Cerebro-Spinal Meningitis .....	...	2	...	...	1	...	1	...	...	4
Ophthalmia Neonatorum .....	2	2	3	...	4	10	5	...	3	...
Totals .....	168	344	179	142	107	163	191	213	168	122
Miscellaneous Cases, (including Tuberculosis to end of 1914) .....	42	254	78	43	8	15	22	20	10	89
Pneumonia .....	...	...	...	...	...	1	1	...	1	1
Influenza Pneumonia .....	...	...	...	...	12	...	...	...	...	12
Tuberculosis .....	34	41	37	46	53	45	50	48*	52*	406
Totals .....	210	632	268	221	173	232	259	283	227	184

\* Including 4 cases from outside the District.  
<sup>o</sup> Including two imported cases.  
 A Scabies; B Encephalitis Lethargica; 2; Tuberculous Meningitis 2; Observation, 1.  
 x Including Military Cases.

DEATHS AMONG THE ABOVE.

Scarlet Fever .....	7	1	3	2	1	...	...	...	1	1	15
Small Pox .....	...	...	...	...	...	...	...	...	...	...	...
Diphtheria .....	1	3	8	2	1	4	1	51	...	21	27
Typhoid Fever .....	...	...	...	...	...	...	1	1	...	...	2
Puerperal Fever .....	1	...	...	1	...	...	...	1	...	...	3
Measles .....	...	...	...	...	...	...	...	...	...	1	1
Ophthalmia Neonatorum .....	...	...	...	...	1	...	...	...	...	...	1
Tuberculosis .....	6	10	10	17 <sup>o</sup>	7 <sup>o</sup>	14 <sup>o</sup>	5	6 <sup>o</sup>	15 <sup>o</sup>	...	90
Pneumonia .....	...	...	...	...	5	...	...	...	...	...	5
Erysipelas .....	...	...	...	...	1	...	1	...	...	...	2
Infantile Diarrhoea .....	...	...	...	...	...	...	1	...	...	...	1
Tuberculous Meningitis .....	...	...	...	...	...	...	...	...	...	1	1
Encephalitis Lethargica .....	...	...	...	...	...	...	...	...	...	1	1
Totals .....	2	16	19	16	26	13	17	13	8	19	149

† Including one non-resident of Southport.  
<sup>o</sup> Including 3 non-residents of Southport in 1918, 2 in 1919, 3 in 1920, 1 in 1922, and 0 in 1923.



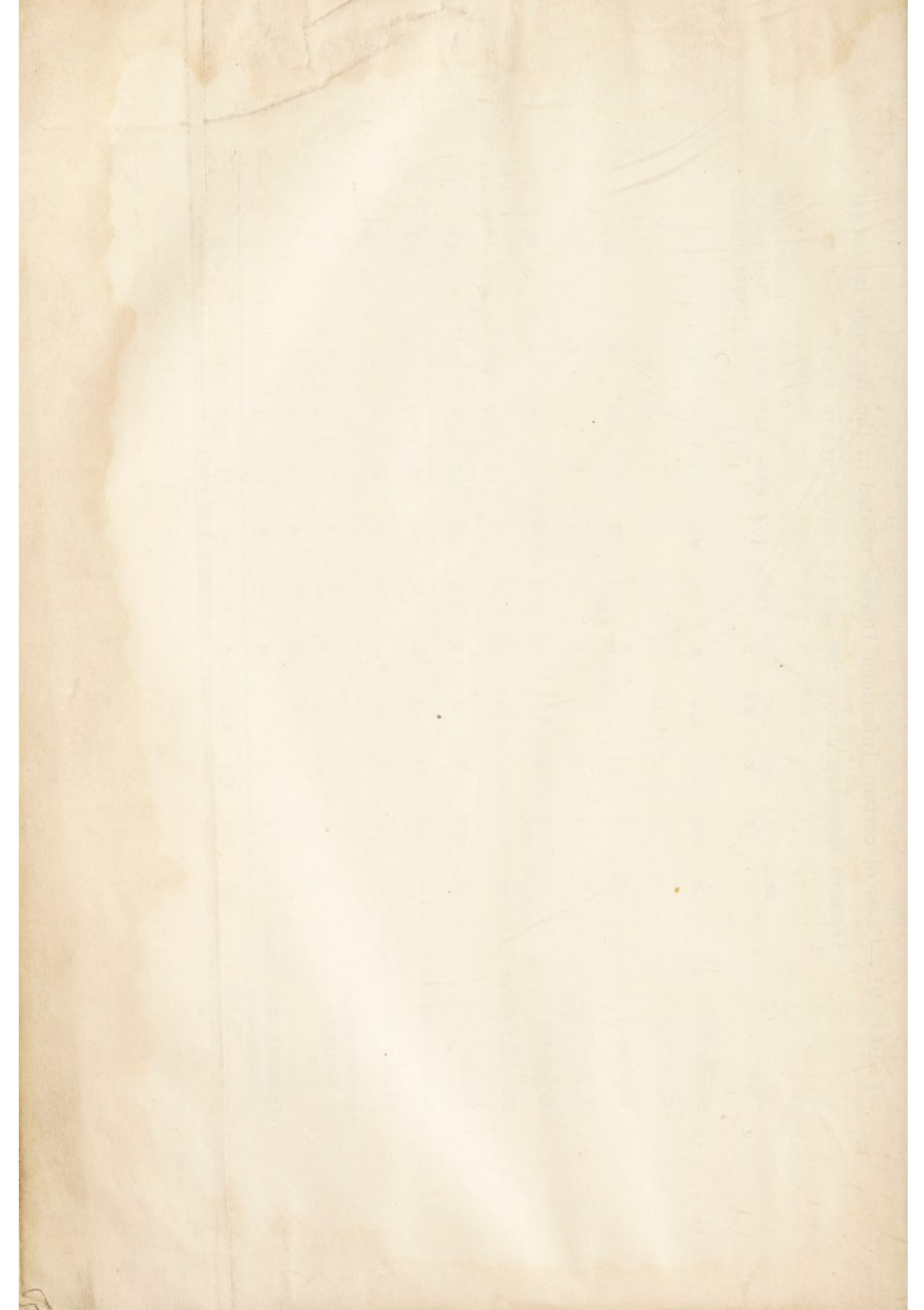


TABLE VIII.

## Vital Statistics.—Enlarged Borough of Southport (including Southport, Birkdale, and Ainsdale).

NOTE.—The figures given in this Table, except in columns distinguished as "native" or "local," are gross figures, without correction, and on that account may in some cases be found to differ from the figures given in Tables I. to IV., which are corrected in accordance with the requirements of the Ministry of Health, as stated in the notes appended to them.

Year.	BIRTHS.		DEATHS.					DEATHS FROM																DEATHS OF PERSONS AGED.										ANNUAL RATES PER THOUSAND LIVING.										Population. (Estimated in Middle of Year.)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	Male.	Female.	Male.	Female.	Resident more than One Year.	Resident less than One Year.	Red Liver Imported	Seven Erysipelas Disease.	Small Pox.	Measles.	Scarlet Fever.	Diph- theria.	Whoop- ing Cough.	Fever.	Diarrhoea and Choleraic Diarrhoea.	Cholera and Choleraic Diarrhoea.	Dysentery and Typhoid Fever.	Phthisis.	Violence.	Impetigo and Furunculosis.	Exanthematous Fever.	Deaths under Age of Five Years.	20-24.	25-29.	30-34.	35-39.	40-44.	45-49.	50-54.	55-59.	60-64.	65-69.	70-74.	75-79.	80-84.	85-89.	90-94.	95-99.	100-104.	105-109.	110-114.	115-119.	120-124.		125-129.	130-134.	135-139.	140-144.	145-149.	150-154.	155-159.	160-164.	165-169.	170-174.	175-179.	180-184.	185-189.	190-194.	195-199.	200-204.	205-209.	210-214.	215-219.	220-224.	225-229.	230-234.	235-239.	240-244.	245-249.	250-254.	255-259.	260-264.	265-269.	270-274.	275-279.	280-284.	285-289.	290-294.	295-299.	300-304.	305-309.	310-314.	315-319.	320-324.	325-329.	330-334.	335-339.	340-344.	345-349.	350-354.	355-359.	360-364.	365-369.	370-374.	375-379.	380-384.	385-389.	390-394.	395-399.	400-404.	405-409.	410-414.	415-419.	420-424.	425-429.	430-434.	435-439.	440-444.	445-449.	450-454.	455-459.	460-464.	465-469.	470-474.	475-479.	480-484.	485-489.	490-494.	495-499.	500-504.	505-509.	510-514.	515-519.	520-524.	525-529.	530-534.	535-539.	540-544.	545-549.	550-554.	555-559.	560-564.	565-569.	570-574.	575-579.	580-584.	585-589.	590-594.	595-599.	600-604.	605-609.	610-614.	615-619.	620-624.	625-629.	630-634.	635-639.	640-644.	645-649.	650-654.	655-659.	660-664.	665-669.	670-674.	675-679.	680-684.	685-689.	690-694.	695-699.	700-704.	705-709.	710-714.	715-719.	720-724.	725-729.	730-734.	735-739.	740-744.	745-749.	750-754.	755-759.	760-764.	765-769.	770-774.	775-779.	780-784.	785-789.	790-794.	795-799.	800-804.	805-809.	810-814.	815-819.	820-824.	825-829.	830-834.	835-839.	840-844.	845-849.	850-854.	855-859.	860-864.	865-869.	870-874.	875-879.	880-884.	885-889.	890-894.	895-899.	900-904.	905-909.	910-914.	915-919.	920-924.	925-929.	930-934.	935-939.	940-944.	945-949.	950-954.	955-959.	960-964.	965-969.	970-974.	975-979.	980-984.	985-989.	990-994.	995-999.	1000-1004.	1005-1009.	1010-1014.	1015-1019.	1020-1024.	1025-1029.	1030-1034.	1035-1039.	1040-1044.	1045-1049.	1050-1054.	1055-1059.	1060-1064.	1065-1069.	1070-1074.	1075-1079.	1080-1084.	1085-1089.	1090-1094.	1095-1099.	1100-1104.	1105-1109.	1110-1114.	1115-1119.	1120-1124.	1125-1129.	1130-1134.	1135-1139.	1140-1144.	1145-1149.	1150-1154.	1155-1159.	1160-1164.	1165-1169.	1170-1174.	1175-1179.	1180-1184.	1185-1189.	1190-1194.	1195-1199.	1200-1204.	1205-1209.	1210-1214.	1215-1219.	1220-1224.	1225-1229.	1230-1234.	1235-1239.	1240-1244.	1245-1249.	1250-1254.	1255-1259.	1260-1264.	1265-1269.	1270-1274.	1275-1279.	1280-1284.	1285-1289.	1290-1294.	1295-1299.	1300-1304.	1305-1309.	1310-1314.	1315-1319.	1320-1324.	1325-1329.	1330-1334.	1335-1339.	1340-1344.	1345-1349.	1350-1354.	1355-1359.	1360-1364.	1365-1369.	1370-1374.	1375-1379.	1380-1384.	1385-1389.	1390-1394.	1395-1399.	1400-1404.	1405-1409.	1410-1414.	1415-1419.	1420-1424.	1425-1429.	1430-1434.	1435-1439.	1440-1444.	1445-1449.	1450-1454.	1455-1459.	1460-1464.	1465-1469.	1470-1474.	1475-1479.	1480-1484.	1485-1489.	1490-1494.	1495-1499.	1500-1504.	1505-1509.	1510-1514.	1515-1519.	1520-1524.	1525-1529.	1530-1534.	1535-1539.	1540-1544.	1545-1549.	1550-1554.	1555-1559.	1560-1564.	1565-1569.	1570-1574.	1575-1579.	1580-1584.	1585-1589.	1590-1594.	1595-1599.	1600-1604.	1605-1609.	1610-1614.	1615-1619.	1620-1624.	1625-1629.	1630-1634.	1635-1639.	1640-1644.	1645-1649.	1650-1654.	1655-1659.	1660-1664.	1665-1669.	1670-1674.	1675-1679.	1680-1684.	1685-1689.	1690-1694.	1695-1699.	1700-1704.	1705-1709.	1710-1714.	1715-1719.	1720-1724.	1725-1729.	1730-1734.	1735-1739.	1740-1744.	1745-1749.	1750-1754.	1755-1759.	1760-1764.	1765-1769.	1770-1774.	1775-1779.	1780-1784.	1785-1789.	1790-1794.	1795-1799.	1800-1804.	1805-1809.	1810-1814.	1815-1819.	1820-1824.	1825-1829.	1830-1834.	1835-1839.	1840-1844.	1845-1849.	1850-1854.	1855-1859.	1860-1864.	1865-1869.	1870-1874.	1875-1879.	1880-1884.	1885-1889.	1890-1894.	1895-1899.	1900-1904.	1905-1909.	1910-1914.	1915-1919.	1920-1924.	1925-1929.	1930-1934.	1935-1939.	1940-1944.	1945-1949.	1950-1954.	1955-1959.	1960-1964.	1965-1969.	1970-1974.	1975-1979.	1980-1984.	1985-1989.	1990-1994.	1995-1999.	2000-2004.	2005-2009.	2010-2014.	2015-2019.	2020-2024.	2025-2029.	2030-2034.	2035-2039.	2040-2044.	2045-2049.	2050-2054.	2055-2059.	2060-2064.	2065-2069.	2070-2074.	2075-2079.	2080-2084.	2085-2089.	2090-2094.	2095-2099.	2100-2104.	2105-2109.	2110-2114.	2115-2119.	2120-2124.	2125-2129.	2130-2134.	2135-2139.	2140-2144.	2145-2149.	2150-2154.	2155-2159.	2160-2164.	2165-2169.	2170-2174.	2175-2179.	2180-2184.	2185-2189.	2190-2194.	2195-2199.	2200-2204.	2205-2209.	2210-2214.	2215-2219.	2220-2224.	2225-2229.	2230-2234.	2235-2239.	2240-2244.	2245-2249.	2250-2254.	2255-2259.	2260-2264.	2265-2269.	2270-2274.	2275-2279.	2280-2284.	2285-2289.	2290-2294.	2295-2299.	2300-2304.	2305-2309.	2310-2314.	2315-2319.	2320-2324.	2325-2329.	2330-2334.	2335-2339.	2340-2344.	2345-2349.	2350-2354.	2355-2359.	2360-2364.	2365-2369.	2370-2374.	2375-2379.	2380-2384.	2385-2389.	2390-2394.	2395-2399.	2400-2404.	2405-2409.	2410-2414.	2415-2419.	2420-2424.	2425-2429.	2430-2434.	2435-2439.	2440-2444.	2445-2449.	2450-2454.	2455-2459.	2460-2464.	2465-2469.	2470-2474.	2475-2479.	2480-2484.	2485-2489.	2490-2494.	2495-2499.	2500-2504.	2505-2509.	2510-2514.	2515-2519.	2520-2524.	2525-2529.	2530-2534.	2535-2539.	2540-2544.	2545-2549.	2550-2554.	2555-2559.	2560-2564.	2565-2569.	2570-2574.	2575-2579.	2580-2584.	2585-2589.	2590-2594.	2595-2599.	2600-2604.	2605-2609.	2610-2614.	2615-2619.	2620-2624.	2625-2629.	2630-2634.	2635-2639.	2640-2644.	2645-2649.	2650-2654.	2655-2659.	2660-2664.	2665-2669.	2670-2674.	2675-2679.	2680-2684.	2685-2689.	2690-2694.	2695-2699.	2700-2704.	2705-2709.	2710-2714.	2715-2719.	2720-2724.	2725-2729.	2730-2734.	2735-2739.	2740-2744.	2745-2749.	2750-2754.	2755-2759.	2760-2764.	2765-2769.	2770-2774.	2775-2779.	2780-2784.	2785-2789.	2790-2794.	2795-2799.	2800-2804.	2805-2809.	2810-2814.	2815-2819.	2820-2824.	2825-2829.	2830-2834.	2835-2839.	2840-2844.	2845-2849.	2850-2854.	2855-2859.	2860-2864.	2865-2869.	2870-2874.	2875-2879.	2880-2884.	2885-2889.	2890-2894.	2895-2899.	2900-2904.	2905-2909.	2910-2914.	2915-2919.	2920-2924.	2925-2929.	2930-2934.	2935-2939.	2940-2944.	2945-2949.	2950-2954.	2955-2959.	2960-2964.	2965-2969.	2970-2974.	2975-2979.	2980-2984.	2985-2989.	2990-2994.	2995-2999.	3000-3004.	3005-3009.	3010-3014.	3015-3019.	3020-3024.	3025-3029.	3030-3034.	3035-3039.	3040-3044.	3045-3049.	3050-3054.	3055-3059.	3060-3064.	3065-3069.	3070-3074.	3075-3079.	3080-3084.	3085-3089.	3090-3094.	3095-3099.	3100-3104.	3105-3109.	3110-3114.	3115-3119.	3120-3124.	3125-3129.	3130-3134.	3135-3139.	3140-3144.	3145-3149.	3150-3154.	3155-3159.	3160-3164.	3165-3169.	3170-3174.	3175-3179.	3180-3184.	3185-3189.	3190-3194.	3195-3199.	3200-3204.	3205-3209.	3210-3214.	3215-3219.	3220-3224.	3225-3229.	3230-3234.	3235-3239.	3240-3244.	3245-3249.	3250-3254.	3255-3259.	3260-3264.	3265-3269.	3270-3274.	3275-3279.	3280-3284.	3285-3289.	3290-3294.	3295-3299.	3300-3304.	3305-3309.	3310-3314.	3315-3319.	3320-3324.	3325-3329.	3330-3334.	3335-3339.	3340-3344.	3345-3349.	3350-3354.	3355-3359.	3360-3364.	3365-3369.	3370-3374.	3375-3379.	3380-3384.	3385-3389.	3390-3394.	3395-3399.	3400-3404.	3405-3409.	3410-3414.	3415-3419.	3420-3424.	3425-3429.	3430-3434.	3435-3439.	3440-3444.	3445-3449.	3450-3454.	3455-3459.	3460-3464.	3465-3469.	3470-3474.	3475-3479.	3480-3484.	3485-3489.	3490-3494.	3495-3499.	3500-3504.	3505-3509.	3510-3514.	3515-3519.	3520-3524.	3525-3529.	3530-3534.	3535-3539.	3540-3544.	3545-3549.	3550-3554.	3555-3559.	3560-3564.	3565-3569.	3570-3574.	3575-3579.	3580-3584.	3585-3589.	3590-3594.	3595-3599.	3600-3604.	3605-3609.	3610-3614.	3615-3619.	3620-3624.	3625-3629.	3630-3634.	3635-3639.	3640-3644.	3645-3649.	3650-3654.	3655-3659.	3660-3664.	3665-3669.	3670-3674.	3675-3679.	3680-3684.	3685-3689.	3690-3694.	3695-3699.	3700-3704.	3705-3709.	3710-3714.	3715-3719.	3720-3724.	3725-3729.	3730-3734.	3735-3739.	3740-3744.	3745-3749.	3750-3754.	3755-3759.	3760-3764.	3765-3769.	3770-3774.	3775-3779.	3780-3784.	3785-3789.	3790-3794.	3795-3799.	3800-3804.	3805-3809.	3810-3814.	3815-3819.	3820-3824.	3825-3829.	3830-3834.	3835-3839.	3840-3844.	3845-3849.	3850-3854.	3855-3859.	3860-3864.	3865-3869.	3870-3874.	3875-3879.	3880-3884.	3885-3889.	3890-3894.	3895-3899.	3900-3904.	3905-3909.	3910-3914.	3915-3919.	3920-3924.	3925-3929.	3930-3934.	3935-3939.	3940-3944.	3945-3949.	3950-3954.	3955-3959.	3960-3964.	3965-3969.	3970-3974.	3975-3979.	3980-3984.	3985-3989.	3990-3994.	3995-3999.	4000-4004.	4005-4009.	4010-4014.	4015-4019.	4020-4024.	4025-4029.	4030-4034.	4035-4039.	4040-4044.	4045-4049.	4050-4054.	4055-4059.	4060-4064.	4065-4069.	4070-4074.	4075-4079.	4080-4084.	4085-4089.	4090-4094.	4095-4099.	4100-4104.	4105-4109.	4110-4114.	4115-4119.	4120-4124.





TABLE IX.—VENEREAL DISEASES.

RETURN relating to all persons who were treated at the Treatment Centre at 82, St. Mark's during the year ended the 31st December, 1923.

	Syphilis.		Soft Chancre.		Gonorrhoea.		Conditions other than Venereal.		TOTAL.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
1. Number of persons who, on the 1st January, 1922, were under treatment or observation for :—	108	57	—	—	83	76	2	—	193	133
2. Number of persons dealt with during the year in the out-patient Clinic for the first time and found to be suffering from :—										
Syphilis only.....	44	17	—	—	—	—	—	—	44	17
Soft chancre only.....	—	—	—	—	—	—	—	—	—	—
Gonorrhoea only.....	—	—	—	—	74	32	—	—	74	32
Syphilis and soft chancre.....	—	—	—	—	—	—	—	—	—	—
Syphilis and gonorrhoea.....	9	12	—	—	9	12	—	—	18	24
Gonorrhoea and soft chancre.....	—	—	—	—	—	—	—	—	—	—
Syphilis, soft chancre and gonorrhoea.....	—	—	—	—	—	—	—	—	—	—
Conditions other than venereal.....	—	—	—	—	—	—	23	13	23	13
TOTAL—Item 2.....	53	29	—	—	83	44	23	13	159	86
TOTAL—Items 1 and 2.....	161	86	—	—	166	120	25	13	352	219
3. Number of persons who ceased to attend the out-patient Clinic										
(a) before completing the first course of treatment for.....	5	4	—	—	2	3	—	—	7	7
(b) after one or more courses but before completion of treatment for.....	6	4	—	—	—	—	—	—	6	4
(c) after completion of treatment, but before final tests as to cure of.....	14	3	—	—	20	11	—	—	34	14
4. Number of persons transferred to other Treatment Centres after treatment.....	16	7	—	—	14	7	—	—	30	14
5. Number of persons discharged from the out-patient Clinic after completion of treatment and observation for.....	19	8	—	—	33	20	21	12	73	40
6. Number of persons who, on the 1st January, 1923, were under treatment or observation for.....	101	60	—	—	97	79	4	1	202	140
TOTAL—Items 3, 4, 5, and 6.....	161	86	—	—	166	120	25	13	352	219
7. Out-patient attendances:—										
(a) For individual attention by the Medical Officer.....	1222	881	—	—	1390	718	57	20	2669	1619
(b) For intermediate treatment, e.g., irrigation, dressings etc. ....	98	54	—	—	1651	2747	20	25	1769	2826
Total attendances.....	1320	935	—	—	3041	3465	77	45	4438	4445
8. Aggregate number of "In-patient days" of treatment given to persons who were suffering from.....	165	218	—	—	96	713	91	41	352	975
9. Examinations of Pathological material :—										
(a) Specimens which were examined at, and by the Medical Officer of, the Treatment Centre.....	...	...	...	...	South port.	...	...	...	...	...
(b) Specimens from persons attending at the Treatment Centre which were sent for examination to an approved laboratory...	6	...	...	...	706	...	18	...	538	...



