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ANNUAL REPORT

OF THE
MEDICAL OFFICER
OF HEALTH



1924





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ANNUAL REPORT

ON THE

HEALTH

OF THE

County Borough of Stockport

FOR THE YEAR 1924.

BY

ARTHUR G. JENNER

M.R.C.S., L.R.C.P., D.P.H.,

MEDICAL OFFICER OF HEALTH

STOCKPORT :

Swain & Co, Ltd., General Printers, High Street.

HEALTH COMMITTEE.

Chairman—COUNCILLOR CHARLES WALMSLEY, J.P.

Vice-Chairman—ALDERMAN JOHN W. CRAIG.

THE MAYOR

(Councillor Henry Patten).

ALDERMEN THOMAS ALLCOCK, SAMUEL BREWSTER, HENRY GREEN, WILLIAM E. HAMNETT, JOSEPH ROGERSON, AND CHARLES SHARPLES, J.P.;
COUNCILLORS ERNEST BARLOW, GEORGE H. BENNETT, JOSEPH BREWSTER, ARTHUR DUTTON, ROBERT GREGG, WILLIAM HAMLETT, HELEN HENDERSON, AND JOHN NICHOLSON.

MEETINGS—3RD MONDAY IN EACH MONTH AT 3-30 P.M.

HOSPITAL SUB-COMMITTEE.

Chairman—COUNCILLOR CHARLES WALMSLEY, J.P.

Vice-Chairman—ALDERMAN JOHN W. CRAIG.

ALDERMEN THOMAS ALLCOCK, SAMUEL BREWSTER, AND CHARLES SHARPLES, J.P.;
COUNCILLORS ERNEST BARLOW, GEORGE H. BENNETT, ARTHUR DUTTON, AND ROBERT GREGG.

MEETINGS—SECOND WEDNESDAY IN EACH MONTH AT 3-30 P.M.

SANATORIA SUB-COMMITTEE

AND

VENEREAL DISEASES SUB-COMMITTEE.

Chairman—COUNCILLOR CHARLES WALMSLEY, J.P.

Vice-Chairman—ALDERMAN JOHN W. CRAIG.

ALDERMEN THOMAS ALLCOCK, HENRY GREEN, JOSEPH ROGERSON, AND CHARLES SHARPLES, J.P.

MEETINGS—IMMEDIATELY AFTER THE MEETINGS OF THE HEALTH COMMITTEE,

MATERNITY AND CHILD WELFARE COMMITTEE.

Chairman—COUNCILLOR CHARLES WALMSLEY, J.P.

Vice-Chairman—ALDERMAN JOHN W. CRAIG.

THE MAYOR.

(Councillor Henry Patten).

ALDERMEN HENRY GREEN, ROBERT A. MURRAY, M.D., O.B.E., J.P., JOSEPH ROGERSON AND CHARLES SHARPLES, J.P.; COUNCILLORS ERNEST BARLOW, BEATRICE L. COLLIER, JOHN W. FIDLER, HELEN HENDERSON, JOHN NICHOLSON, WILLIAM WALKER, AND BRIAN WALLEY; MRS. MARY A. BELLAMY, MRS. AGNES N. BUCKLEY, MRS. ELIZABETH POTTS, J.P., MRS. MARY A. SKUSE, J.P., AND MISS FLORENCE ROWBOTHAM, J.P.

MEETINGS—THIRD MONDAY IN EACH MONTH AT 3 P.M.

MATERNITY HOME SUB-COMMITTEE.

Chairman—COUNCILLOR CHARLES WALMSLEY, J.P.

Vice-Chairman—ALDERMAN JOHN W. CRAIG.

ALDERMAN JOSEPH ROGERSON; COUNCILLORS BEATRICE L. COLLIER, HELEN HENDERSON, AND JOHN NICHOLSON; AND MRS. AGNES N. BUCKLEY.

MEETINGS—THIRD MONDAY IN EACH MONTH AT 2-40 P.M.

SUB-COMMITTEE RE DISTRIBUTION OF MILK.

COUNCILLOR CHARLES WALMSLEY, J.P.

COUNCILLOR JOHN W. FIDLER.

HOUSING COMMITTEE.

Chairman—ALDERMAN JOHN W. CRAIG.

Vice-Chairman—ALDERMAN CHARLES SHARPLES, J.P.

THE MAYOR.

(Councillor Henry Patten).

ALDERMEN WILLIAM E. HAMNETT, ROBERT A. MURRAY, M.D., O.B.E., J.P., AND CHARLES ROYLE, J.P.; COUNCILLORS DANIEL K. BEELEY, GEORGE H. BENNETT, WILLIAM H. CLAYTON, JOHN COUPE, ARTHUR DUTTON, HELEN HENDERSON, JOSEPH T. LEIGH, GEORGE MARPLES, JOSEPH MORTON, AUBREY F. SEED, AND EDWIN WALSH.

MEETINGS—SECOND TUESDAY IN EACH MONTH AT 3 P.M.

HEALTH DEPARTMENT STAFF.

Chief Inspector and Inspector of Food.....	W. BUTLER*†
Factory and Workshop Inspector.....	C. R. BILLINGHAM
District Inspectors	{J. ASHTON* .....H. PRICE*† .....F. MILLS* .....P. N. BLOMFIELD* (Resigned April 19th).....C. S. HANDFORTH*
Female Sanitary Inspectors and Health Visitors	{MISS K. M. JONES* .....MISS E. B. SWAN* .....MRS. P. B. BALL** .....MISS S. SWALLOW** .....MISS E. SNOWDON**
Tuberculosis Nurses	{MISS A. NETTLETON† (Also V.D. Nurse).....MISS M. M. SMITH** .....MRS. E. F. WOOD†
Ambulance Driver.....	J. WEBB
V.D. Orderly (Part time).....	W. E. LEES

Shops Act Inspector and Ambulance Attendant.....E. A. HAMFLET
Housing Inspector.....J. R. BATES

Clerks {H. BAILEY
.....A. ROWLAND, A.C.I.S.
.....MISS M. JACKSON

Clerk (Dispensary).....MRS. F. STEAD

Matron, "Glebe House" Maternity Home.....MISS B. L. SCOTT

Matron, Dialstone Lane and Whitehill Hospitals....MISS T. P. CRANMORE

Public Analyst (part time).....JAMES P. SHENTON, F.I.C., F.C.S.

Deputy Medical Superintendent, Isolation Hospital, and Tuberculosis
Hospital.....JAMES WORTHINGTON, L.R.C.P., L.R.C.S.

Consultant Venereal Diseases Officer :
W. J. REID, M.D., B.Sc.

Deputy Medical Officer of Health and Assistant Tuberculosis and Venereal
Diseases OfficerCHARLES L. SUTHERLAND, M.D., CH.B., D.P.H.

Medical Officer of Health ; Medical Superintendent, Corporation Hospitals ;
Tuberculosis and Venereal Diseases Officer ; and Medical Officer, Education
Committee :—

ARTHUR G. JENNER, M.R.C.S., L.R.C.P., D.P.H.

* Certificate, Inspector of Nuisances.
† Certificate, Meat and Other Foods.
** Trained Nurse and holds C.M.B. Certificate.
† Trained Nurse.

To the Worshipful the Mayor, Aldermen
and Councillors of the County Borough
of Stockport.



MR. MAYOR, LADIES AND GENTLEMEN,

I have the honour to submit the Annual Report on the health and sanitary condition of the Borough during the year 1924.

The estimated population, given by the Registrar-General, for the year is 126,000, being an increase of 300 on the figure supplied for the previous year.

The Birth-rate for the year was 16.37 per 1,000 of the population, and gives a decrease on that for last year, which was 17.63. This is the lowest Birth-rate for the post-war years, and when one considers that twenty years ago the Birth-rate was 26.45 per 1,000 of the population, the fall is more marked. Under these circumstances it is necessary that the Council should take every available step to promote the preservation of infant-life. The Rate for the Borough is below that for the country generally, which was 18.8.

The general Death-rate gives a slight increase, 13.86 per 1,000 of the population as compared with 12.66 for the previous year, and is higher than the figure of 12.2 for the whole of England and Wales.

Notifiable Infectious Diseases show an increase in the number of Scarlet Fever cases, 356 notifications being received, as compared with 238 in 1923, but on the other hand there was a marked decrease in the number of cases of Diphtheria recorded, the decrease being nearly 50 per cent. 37 cases of Encephalitis Lethargica, or Sleepy Sickness, were notified during the year, 23 of the cases occurring during the months of February, March and April. All these cases were carefully investigated, and it is interesting to note that they were spread over the whole of the Borough and in only two instances was there any possible cause for suspecting direct infection. Arrangements have been made by the Health Committee to admit into their Isolation Hospital any case of Encephalitis Lethargica requiring hospital treatment.

Early in the year an Anti-Venereal Diseases campaign was carried out in the town, films being shown and lectures given at the Town Hall. On each evening, with the exception of the last one, the Town Hall was crowded and the lectures, etc., were very much appreciated by the people attending.

The number of new houses erected during the year was 241, as compared with 176 during the previous year, and the number in course of building at the end of the year was 351. In spite of this improvement I would again call the attention of the Council to the lack of housing accommodation of the smaller type in the Borough.

The work of the various Health Centres, namely, Tuberculosis Dispensary, Venereal Diseases Treatment Centre, Child Welfare Centre, and "Glebe House" Maternity Home, has progressed favourably during the year under review. With regard to the latter, the Corporation completed the purchase, in February last, of Mile End Hall Estate for the provision of a Maternity Home as the present premises at "Glebe House" are inadequate for the number of patients seeking admission. It will be noticed in the body of the Report that there was a large increase in the number of attendances at your Portwood Child Welfare Centre.

Mr. James Porter Shenton, F.I.C., F.C.S., was appointed in January last to the position of Public Analyst rendered vacant by the death of the late Mr. Wm. Thomson with whom Mr. Shenton was in partnership.

I am glad to record the satisfactory manner in which the Staff of the Health Department have carried out their work during the year, and I have also to thank the Council and the various Committees for the consideration I have received from them.

I have the honour to be,

Your obedient Servant,

ARTHUR G. JENNER,

Medical Officer of Health.

Public Health Office,

Town Hall,

Stockport.

1st April, 1925.

County Borough of Stockport. 1924.

Statistical Memoranda.

	Stockport	England and Wales. (1)	105 County Boroughs & Great Towns. (2)	157 Smaller Towns. (3)
Estimated Population Mid-year, 1924.....	126,000	—	—	—
Area in Acres.....	7059	—	—	—
Birth Rate per 1,000.....	16.37	18.8	19.4	18.9
General Death Rate per 1,000	13.86	12.2	12.3	11.2
Deaths of Infants under One Year per 1,000 Births...	87.3	75	80	71
Death Rate from Seven Prin- cipal Zymotic Diseases...	0.51	—	—	—
Death Rate from Phthisis (Pulmonary Consumption)..	0.87	—	—	—
Death Rate from all other Tubercular Diseases.....	0.29	—	—	—

- (1) Calculated on a population estimated to the middle of 1924.
 (2) Including London (populations exceeding 50,000 to the middle of 1923).
 (3) Populations from 20,000 to 50,000 to the middle of 1923.

Rateable Value (1924).....	£766,699
Sum represented by a penny rate for Borough Rate purposes (estimated 1924).....	£2,865
Number of inhabited houses.....	29,765
Number of families or separate occupiers (1921).....	30,225

Extracts from Vital Statistics of the Year.

	Total.	M.	F.
Births : Legitimate..	1969	963	1006
Illegitimate..	94	48	46
Deaths.....	1746	839	907

Number of women dying in, or in consequence of, child-birth :—

From sepsis.....	3
From other causes.....	9

Deaths of Infants under one year of age per 1,000 births :—

Legitimate 85.8. Illegitimate 117. Total 87.3.

Deaths from Measles (all ages).....	42
„ Whooping Cough (all ages).....	6
„ Diarrhoea (under two years of age).....	4

The Census figures on the last five occasions have been as follows :—

<i>Year</i>	<i>Population.</i>
1881.....	59,553
1891.....	70,263
1901.....	78,897
1911.....	108,693
1921.....	125,500

The area of the Borough is 7,059 acres, and the density of population, as calculated on the estimate of the total population, is 17.85 persons per acre, varying from 97.83 in St. Thomas's Ward to 6.80 in Heaton Norris South Ward.

The number of new houses completed during the year 1924 was 241, as compared to nil during the years 1918 and 1919, 24 in 1920, 131 in 1921, 71 in 1922 and 176 in 1923. Five were erected in 1917, 53 in 1916, 127 in 1915, and 290 in 1914. During the previous five years the number of new houses erected was 2,141.

The number of houses in course of building at the end of the year was 351.

The following table shows the distribution and density of the population in the various districts :—

<i>Ward.</i>	<i>Acre- age.</i>	<i>Estim- ated total Popu- lation</i>	<i>Per- sons per Acre.</i>	<i>Ward.</i>	<i>Acre- age.</i>	<i>Estim- ated total Popu- lation</i>	<i>Per- sons per Acre.</i>
Lancashire Hill.	145	5720	39.45	St. Thomas's..	53	5185	97.83
Heaton Lane ..	234	6100	26.07	Hempshaw L'e	146	5680	38.90
Old Road.....	114	5950	52.20	Cale Green....	145	6475	44.66
Portwood.....	324	8100	25.0	Heaviley.....	1115	11450	10.21
St. Mary's.....	91	2960	32.53	Reddish North.	786	9630	12.25
Vernon.....	427	6410	15.01	Reddish South	755	6060	8.03
Spring Bank...	81	4270	52.72	Heaton Nor'sN	711	5120	7.20
Hollywood.....	346	9050	26.16	Heaton Nor's S	863	5870	6.80
Edgeley.....	331	11250	34.0				
Shaw Heath...	392	10720	27.35	Whole Borough	7059	126000	17.85

Chart showing the Annual Birth-rate per thousand of the population
and the infant Mortality Rate per cent. of Registered Births,
for the past 26 years (1899—1924)



Birth-rate indicated by Black lines.
Infant Mortality Rate indicated by Red lines.

Births.

The corrected number of births registered in the Borough during the year was 2,063, of which 1,011 were males and 1,052 females.

The birth-rate per thousand of the population was equal to 16.37, which is a decrease on the rate of last year.

The highest birth-rate occurred in St. Thomas's Ward, namely, 25.26, while the lowest recorded was in Heaton Norris North Ward, namely, 9.77.

Illegitimacy.

During the year there were 94 illegitimate births registered belonging to the Borough, as compared with 95 in 1923. This gives an illegitimate birth-rate of 45.56 per thousand births registered, as compared with 42.87 in 1923.

The infantile mortality rate amongst illegitimate children is less than half of that for 1923, being 117 per thousand illegitimate births.

The following table shows the comparison between the death-rates of illegitimate children and others registered in the Borough during the past ten years:—

Year	<i>Esti- mated popula- tion.</i>	<i>Births.</i>		<i>Illegitimate. Births.</i>		<i>Total deaths under 1 year of age</i>	<i>Infan- tile mor- tality per 1000 births.</i>	<i>Deaths of illegiti- mates under 1 year of age.</i>	<i>Illegiti- mate infantile mortality per 1000 illegiti- mate births.</i>
		<i>Legit- imate</i>	<i>Illegit- imate</i>	<i>to 1000 living</i>	<i>to 1000 births</i>				
1915	126040	2348	87	0.69	35.73	309	127.0	17	195.4
1916	125774	2135	87	0.69	39.15	269	121.0	20	230.0
1917	124761	1797	96	0.77	50.71	181	95.6	20	208.3
1918	129352	1690	100	0.77	55.87	201	112.3	21	210.0
1919	130868	1847	123	0.94	62.44	194	98.5	22	178.8
1920	130635	2763	138	1.05	47.57	282	97.2	26	188.4
1921	125500	2435	129	1.03	50.31	233	90.8	18	139.5
1922	125800	2087	104	0.83	47.47	168	76.7	10	96.2
1923	125700	2121	95	0.76	42.87	203	91.6	25	263.2
1924	126000	1969	94	0.75	45.56	180	87.3	11	117.0

Still Births.

116 still-born children were buried within the Borough. This number is obtained from the registers of the various burial grounds. 92 still-births were notified to the Health Department by midwives as occurring within their practice, in accordance with the rules of the Central Midwives' Board.

This figure shows a marked increase in the number of Still Births occurring in the Borough, and, in my opinion, this question requires careful and thorough investigation.

Marriages.

The number of marriages solemnised during the year 1924 was 1094, or 86 more than in 1923. The marriage-rate per thousand persons living being 17.4. This figure is higher than the rate for the country generally, which was 15.3.

Of the 1094 marriages 604 were solemnised according to the rites of the Established Church, 117 under Roman Catholic rites, 3 at the Jewish Synagogue, 203 according to the rites of other religious denominations, and 167 at the Registrar's Office.

<i>Year.</i>	<i>Number of Marriages.</i>	<i>Rate per 1000 Living.</i>	<i>Rate for England and Wales.</i>
1915	1175	18.6	19.4
1916	901	14.3	14.9
1917	802	12.8	13.8
1918	883	13.7	15.3
1919	1345	20.6	19.7
1920	1464	22.4	20.2
1921	1165	18.6	16.9
1922	1079	17.2	15.8
1923	1008	16.0	18.0
1924	1094	17.4	15.3

Deaths.

The corrected number of deaths recorded in the Borough during the year 1924 was 1,746, namely :—839 males and 907 females.

The death-rate per thousand of the estimated population was 13.86.

COMPARATIVE MORTALITY DURING LAST DECENNIUM.

Herein are set out some of the principal causes of death in the Borough for the past ten years :—

Cause of Death.	Number of Deaths.									
	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924
<i>Seven Chief Zymotics...</i>	192	172	60	80	40	115	66	67	44	64
Smallpox.....	..	..	..	..	..	..	..	..	..	..
Scarlet Fever.....	11	10	2	3	6	7	5	4	1	5
Diphtheria.....	15	11	7	9	9	30	20	18	14	5
“Fevers”—Typhoid and Continued....	8	7	3	1	3	2	3	1	..	2
Measles.....	66	77	17	15	1	41	1	19	9	42
Whooping Cough....	19	24	6	30	8	25	9	22	12	6
Diarrhœa.....	73	43	25	22	13	10	28	3	8	4
Influenza.....	22	18	5	351	124	23	20	53	20	33
Lung Diseases (includ- ing Phthisis).....	584	508	428	503	563	483	413	527	481	559
Heart Disease.....	197	201	184	222	300	296	324	364	367	374
Injury.....	40	51	35	31	48	45	35	30	31	43

TABLE SHOWING SUMMARY OF VITAL AND MORTAL
STATISTICS FOR THE BOROUGH.

	No. of Deaths
Lung Diseases (excluding Phthisis).....	449
Phthisis.....	110
Other Tubercular Diseases.....	36
Preventible Diseases (excluding Tubercular Diseases).....	75
Diseases of Circulatory System (Heart, &c.).....	374
„ Nervous System.....	56
„ Digestive System.....	79
„ Kidneys.....	58
Debility and Wasting, etc., in Infants.....	22
Old Age.....	70
Cancer.....	168
Accidents.....	43
Suicides.....	15
All other Diseases.....	191

<i>Year.</i>	<i>Birth-rate.</i>	<i>Nett Death-rate.</i>	<i>Zymotic Death-rate.</i>	<i>Infant Mortality.</i>
1903	29.25	20.08	2.52	184
1904	26.45	21.59	3.33	203
1905	27.13	18.22	2.20	168
1906	26.95	21.07	3.27	186
1907	27.03	19.02	1.76	158
1908	27.94	19.99	2.99	171
1909	26.33	17.96	1.73	132
1910	25.60	17.03	1.63	137
1911	23.33	17.38	2.73	172
1912	22.75	16.02	1.42	109
1913	23.17	16.64	1.85	146
1914	21.64	15.10	1.18	124
1915	19.32	16.69	1.59	127
1916	17.66	15.42	1.49	121
1917	15.17	13.18	0.54	96
1918	13.84	18.29	0.69	112
1919	15.05	13.33	0.32	98
1920	22.20	12.87	0.88	97
1921	20.43	12.16	0.53	91
1922	17.42	13.37	0.53	77
1923	17.63	12.66	0.35	92
1924	16.37	13.86	0.51	87

Uncertified Deaths and Inquests.

During the year there were 106 deaths registered in the Borough in which the cause of death was not certified by any medical practitioner. In 104 of these cases an inquest was held, and the verdicts found by the Coroner's juries may be summarised as follows :—

1.—NATURAL CAUSES.

Heart Disease.....	19	Cirrhosis of Liver.....	2
Inanition.....	2	Bronchitis.....	4
Convulsions.....	2	Pneumonia.....	2
Cerebral Hæmorrhage	3	Pleurisy.....	1
Nephritis.....	3	Rupture.....	2
Peritonitis.....	1	Other Natural Causes.....	4

2.—BY ACCIDENT OR NEGLIGENCE.

In Vehicular Traffic.....	11	Fractures.....	15
Burns and Scalds.....	4	Drowning.....	4
Falls.....	5	Other Injuries.....	7

3.—SUICIDE.

By Hanging and Strangulation.....	4	By Drowning.....	4
		„ Gas Poisoning.....	4

4.—MANSLAUGHTER—1.

YEAR 1924.

Vital Statistics of whole Borough during 1924, and previous years.—Name of District, STOCKPORT.

Year.	Total Population estimated to Middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NET DEATHS BELONGING TO THE DISTRICT.			
		Un- corrected Number.	Nett.		Number.	Rate.	of Non- residents registered in the District.	of Resi- dents not registered in the District.	Under 1 Year of Age.		At all Ages.	
			Number.	Rate.					Number.	Rate per 1000 Nett Births.	Number.	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1916	125,774	2217	2222	17.66	1795	15.53	98	86	269	121	1783	15.42
1917	124,761	1882	1893	15.17	1477	13.19	77	75	181	96	1475	13.18
1918	129,352	1780	1790	13.84	2115	18.32	100	96	201	112	2111	18.29
1919	130,868	1956	1970	15.05	1694	13.48	111	92	194	98	1675	13.33
1920	130,635	2888	2901	22.20	1680	12.86	101	102	282	97	1681	12.87
1921	125,500	2558	2564	20.43	1548	12.33	91	39	233	91	1526	12.16
1922	125,800	2195	2191	17.42	1687	13.41	85	80	168	77	1682	13.37
1923	125,700	2206	2216	17.63	1639	13.04	139	91	203	92	1591	12.66
1924	126,000	2056	2063	16.37	1791	14.21	134	89	180	87	1746	13.86

Total population at all ages, 125,500 at Census of 1921. Area of District in acres (land and inland water), 7,059.

Private families or separate occupiers, 30,225, at Census of 1921.

SUMMARY OF THE VITAL AND MORTAL STATISTICS OF THE BOROUGH AND EACH OF ITS WARDS FOR THE YEAR 1924.

WARD	Acreage.	Estima- ted Popula- tion.	Persons per acre.	No. of Births registered.	Birth rate.	Nett deaths †	Nett Death rate.	No. of de'ths under 1 year of age *	Infant mor- tality rate per 1000 births.	No. of de'ths from 7 prin- cipal Zy- motic dis- eases† *	Zymotic Death rate per 1000.	Zymotic death rate per 1000 (exclud- ing Diarrhoea)	No. of de'ths from Diarrhoea. *	Death rate from Diarrhoea per 1000.	No. of de'ths from Pthi- sis. *	Death rate from Pthi- sis per 1000.	No. of de'ths from other Tuber- cular dis- eases *	Death rate from other Tuber- cular dis- eases per 1000.	No. of de'ths from Other Lung Dis- eases. *	Death rate from Other Lung Dis- eases per 1000.
LANCASHIRE HILL ...	145	5,720	39.45	M. 37 F. 58 95	16.61	77	13.46	6	63	3	0.52	0.52	...	...	5	0.87	1	0.17	19	3.82
HEATON LANE ...	234	6,100	26.07	70 60 130	21.31	98	16.07	12	92	5	0.82	0.82	..	..	11	1.80	1	0.16	24	3.98
OLD ROAD ...	114	5,950	52.20	49 41 90	15.13	112	18.82	10	111	3	0.50	0.50	...	...	9	1.51	...	...	28	4.71
PORTWOOD ...	324	8,100	25.0	66 88 154	19.01	148	18.27	17	110	10	1.23	1.23	...	...	14	1.73	5	0.62	33	4.07
ST. MARY'S ...	91	2,960	32.53	30 31 61	20.61	59	19.93	10	164	4	1.85	1.85	...	...	4	1.35	...	...	16	5.4
VERNON ...	427	6,410	15.01	60 60 120	18.72	120	18.72	11	92	7	1.09	1.09	...	...	7	1.09	4	0.62	42	6.55
SPRING BANK ...	81	4,270	52.72	36 56 92	21.55	59	13.82	11	120	3	0.70	0.70	...	...	1	0.23	...	...	18	4.22
HOLLYWOOD...	346	9,050	26.16	68 87 155	17.13	104	11.49	13	85	4	0.44	0.44	...	...	10	1.11	3	0.38	27	2.98
EDGELEY ...	331	11,250	34.0	90 75 165	14.67	133	11.82	9	55	4	0.36	0.36	...	...	9	0.80	4	0.36	36	3.20
SHAW HEATH ...	392	10,720	27.35	70 89 159	14.83	141	13.15	10	63	2	0.19	0.19	...	...	4	0.37	5	0.47	35	3.26
ST. THOMAS'S ...	53	5,185	97.83	78 53 131	25.26	86	16.59	18	99	3	0.58	0.58	...	...	5	0.96	3	0.58	20	3.86
HEMPSHAW LANE ...	146	5,680	38.90	56 58 114	20.07	90	15.85	17	150	4	0.70	0.58	1	0.18	5	0.88	2	0.35	23	4.05
CALE GREEN ...	145	6,475	44.66	40 47 87	13.44	90	13.90	5	57	1	0.15	0.15	..	..	5	0.77	1	0.15	31	4.79
HEAVILEY ...	1115	11,450	10.21	68 67 135	11.79	139	12.14	9	67	2	0.17	0.09	1	0.09	5	0.44	2	0.17	26	2.27
REDDISH NORTH...	786	9,630	12.25	82 68 150	15.58	112	11.63	13	87	4	0.42	0.21	2	0.21	6	0.62	2	0.21	35	3.63
REDDISH SOUTH...	755	6,060	8.03	45 58 103	17.0	55	9.08	7	68	3	0.50	0.50	...	...	5	0.83	...	...	12	1.98
HEATON NORRIS N.	711	5,120	7.20	25 25 50	9.77	57	11.13	4	80	1	0.20	0.20	...	..	2	0.39	...	...	10	1.95
HEATON NORRIS S.	863	5,870	6.80	41 31 72	12.26	66	11.24	3	42	1	0.17	0.17	...	...	8	0.51	3	0.51	14	2.39
STOCKPORT BOROUGH	7059	126000	17.85	1011 1052 2063	16.37	M 839 F 907 1746	M 106 F 74 180	M 36 F 25 64	87.3	64	0.51	0.48	M 3 F 1 4	M 61 F 49 110	M 20 F 16 36	M 206 F 249 449	0.29	0.29	449	3.56

* Deaths of Stockport residents in the Union Hospital, Union Workhouse, Infirmary, and Isolation Hospital are here referred to the Wards in which they lived. Deaths within the Borough of Non-residents from out-townships are excluded.
† The "Seven Principal Zymotic Diseases" are Smallpox, Measles, Scarlet Fever, Diphtheria and Membranous Croup, Whooping Cough, Fever (typhus, typhoid and continued), and Diarrhoea. † Registrar General's estimate.

Mortality in Different Wards.

The Corrected Nett Death-rate for the Borough as a whole was 13.86 per 1,000 of the estimated population. The highest Ward Death-rate occurred in St. Mary's Ward, namely, 19.93, whilst the lowest was recorded in Reddish South Ward with 9.08.

The Zymotic Death-rate for the whole Borough was .51. This Rate is calculated on the number of deaths from the following diseases:—Smallpox, Measles, Scarlet Fever, Diphtheria and Membraneous Croup, Whooping Cough, Typhoid Fever, and Diarrhoea, and the total number of deaths from these diseases was 64.

Phthisis Death-rate. The Death-rate from Pulmonary Tuberculosis or consumption of the lungs, for the whole of the Borough, was .87 per 1,000 of the population, as compared with .95 for 1923, and the total number of deaths recorded was 110, as compared with 119 for 1923, 118 for 1922, and 117 for 1921.

The highest Death-rate occurred in Heaton Lane Ward, namely, 1.80 per 1,000 of the population.

District Sanitary Inspectors' Work.

The following is a Summary of the Work carried out by the District Inspectors during the Year :—

	DISTRICTS.					Total.
	No. 1	No. 2	No. 3	No. 4	No. 5	
SPECIAL COMPLAINTS RECEIVED.....	60	40	31	60	31	222
INSPECTIONS MADE :—						
Dwelling-houses.....	290	115	187	378	164	1134
Re-visits to dwelling-houses.....	231	81	98	216	437	1063
Male Outworkers.....	—	3	2	—	—	5
Courts and Yards.....	1092	350	496	840	318	3096
Privy Middens.....	126	321	216	264	237	1164
Re-inspections to Privy Middens and work in progress respecting Conversions.....	592	469	431	742	184	2418
Dry Ashpits.....	193	85	91	98	101	568
Drainage.....	384	626	371	675	287	2343
Water Closet Inspections.....	1122	1281	416	717	215	3751
Water Courses.....	—	44	5	16	44	109
Picture Houses.....	68	136	21	—	8	233
Miscellaneous.....	1016	1520	672	1240	478	4926
Interviews with Owners, Contractors, etc., re Sanitary Alterations... ..	212	342	213	381	103	1251
INFECTIOUS DISEASES :—						
Cases inquired into.....	133	100	119	79	20	451
Cases removed to Hospital.....	97	91	85	55	5	333
Houses Disinfected.....	132	106	135	95	31	499
Schools and other Public Institutions Disinfected.....	—	—	—	—	—	—
Out-District Disinfections.....	—	—	—	—	—	45
Re-visits to Cases isolated at home.....	133	31	65	110	52	391
Pneumonia cases inquired into.....	38	30	52	28	17	165
Malaria cases inquired into.....	—	—	—	—	—	—
Dysentery cases inquired into.....	1	—	—	—	—	1
Trench Fever cases inquired into.....	—	—	—	—	—	—
Encephalitis Lethargica cases inquired into.....	6	8	13	6	4	37
Acute Polio-Encephalitis cases inquired into.....	—	—	—	—	—	—
Cerebro-Spinal Fever cases inquired into.....	1	1	1	—	—	3
Acute Poliomyelitis cases inquired into..	1	1	—	—	—	2
PRIVIES, WATER CLOSETS, ETC :—						
Pails Renewed.....	—	—	—	2	—	2
Privies converted into Water Closets....	28	72	64	48	26	238
Pail Closets converted into Water Closets.	25	—	—	—	—	25

	DISTRICTS.					Total.
	No. 1	No. 2	No. 3	No. 4	No. 5	
PRIVIES, WATER CLOSETS, ETC., Cont.—						
Waste Water Closets converted into Fresh Water Closets.....	3	—	1	—	—	4
Additional Water Closets provided.....	12	38	22	40	11	123
Dustbins provided where Middens abolished.....	34	87	73	74	31	299
Dustbins provided where Ashpits abolished.....	48	10	36	70	14	178
Dustbins renewed.....	218	232	132	170	170	922
Ashpits abolished.....	15	4	21	24	12	76
Water Closets cleansed (by Owners)....	114	61	17	22	8	222
Water Closets cleansed (by Occupiers)...	26	16	1	1	—	44
Water Closet Basins or Pedestals renewed.	42	29	22	39	19	151
Water Closet Connections repaired.....	50	43	16	57	8	174
Water Supply Pipes or Cisterns to Water Closets repaired.....	286	146	44	214	26	716
Water Courses Cleansed.....	—	1	—	—	2	3
Houses Cleansed, Re-papered, or Lime-washed.....	8	6	4	1	42	61
Houses Repaired.....	73	13	32	154	104	376
Overcrowding Abated.....	1	2	—	—	—	3
Sink Waste Pipes Renewed or Repaired..	84	58	54	115	68	379
Downspouts or Eaves Gutters Renewed or Repaired.....	223	227	182	556	259	1447
House Drains Tested.....	37	44	7	27	6	121
Houses Provided with Water Supply....	—	—	—	—	—	—
House Drains and Drains to Water Closets Reconstructed or Repaired.....	275	313	172	311	118	1189
New Gully Traps Fixed.....	50	114	53	92	74	383
Soilpipes and Ventilating Shafts Erected.	20	38	36	48	11	153
Yards, Courts or Passages Drained or Drains Repaired.....	274	67	63	87	44	535
Yards, Courts or Passages Paved or Repaired.....	281	78	146	237	74	816
Yards, Courts or Passages Cleansed by Occupiers.....	36	16	—	2	3	57
Animals Improperly Kept—Removed....	11	5	2	—	2	20
Accumulations Removed.....	16	28	1	5	6	56
Manure Pits Provided or Repaired.....	—	1	—	—	—	1
Manure Pits Abolished.....	1	—	—	—	—	1
Notices (Informal) Served.....	137	326	219	162	110	954
Miscellaneous Nuisances.....	86	160	93	2	189	530

The following Table gives the Statutory Notices served during the year in respect of the Districts :—

<i>Notice.</i>	<i>Dist. No. 1.</i>	<i>Dist. No. 2.</i>	<i>Dist. No. 3.</i>	<i>Dist. No. 4.</i>	<i>Dist. No. 5.</i>	<i>Total.</i>
Section 36, Public Health Act, 1875.....	1	2	1	3	1	8
Section 94, Public Health Act, 1875.....	—	—	5	—	—	5
Section 23, Public Health Act, 1875.....	—	—	—	—	—	—
Section 25, Stockport Corporation Act, 1905	2	4	4	4	3	17
Section 58, Stockport Corporation Act, 1899 ; and Section 23, Stockport Corporation Act, 1905.....	—	—	—	—	—	—

Conversion of Privy Middens.

238 privy middens, 25 pails and 4 waste-water closets have been abolished during the year and water-closets provided.

During the year 123 additional W.C's. were provided.

76 ashpits have been abolished and 178 dustbins provided during 1924.

The following table gives the details in connection with this work :—

CONVERSIONS, ADDITIONAL WATER-CLOSETS, &c., PROVIDED DURING 1924.

<i>District.</i>	<i>Privies converted to W.C.'s.</i>	<i>Additional W.C.'s. provided.</i>	<i>Pail Closets converted into W.C.'s.</i>	<i>Waste Water Closets converted into W.C.'s.</i>	<i>Privies and Privy Middens abolished.</i>	<i>Dustbins provided where Middens abolished.</i>	<i>Ashpits abolished.</i>	<i>Dustbins provided where Ashpits abolished.</i>
No. 1.....	28	12	25	3	46	34	15	48
No. 2.....	72	38	—	—	109	87	4	10
No. 3.....	64	22	—	1	97	73	21	36
No. 4.....	48	40	—	—	82	74	24	70
No. 5.....	26	11	—	—	48	31	12	14
Total.....	238	123	25	4	382	299	76	178

EXISTING SANITARY ACCOMMODATION.

	<i>No. of Privy Seats.</i>	<i>No. of Privy Ashpits.</i>	<i>No. of Separate Ashpits.</i>	<i>No. of Waste Water Closets.</i>	<i>No. of Pails.</i>	<i>Satis- factory Water Closets.</i>
Total...	1290	746	1529	759	75	24,890

Factory and Workshop Act, 1901.

11 notices were received from H.M. Inspector of Factories in respect of the following matters :—

Unsuitable and Defective Sanitary Accommodation.....	10
Insufficient Sanitary Accommodation.....	—
Accommodation not separate for sexes.....	—
Defective Ventilation.....	—
Limewashing W.C's.....	1

In all instances the defects were remedied.

There are 699 workshops and workplaces in the Borough and during the year 750 visits of inspection have been made.

3.—HOME WORK.

Nature of Work.	Outworkers' List. Section 107.							Outwork in unwholesome Premises, Section 108.		
	Lists received from Employers.			Number of Addresses received from other Councils.	Number of Addresses of Out-workers forwarded to other Councils.	Instances.	Notices served.	Prosecutions.		
	Twice in the Year.		Once in the Year.							
	Out-workers		Out-workers		Con-tractors				Work-men	
	Lists.	Con-tractors	Work-men	Lists.						
Wearing Apparel :—										
(1) Making, etc...	28	22	183	3	...	8	21	55	..	..

Number of Inspections of Outworkers' Premises.....113

Female Out-workers.		Male Out-workers.	
NATURE OF WORK.	NO.	NATURE OF WORK.	NO.
Hat Trimming.....	85	Planking.....	2
Shirt Making.....	1	Boot and Shoe Repairing.....	1
Children's Clothing.....	1	Tailoring.....	1
Embroidery	1		
	—		—
	88		4
	—		—

Smoke Observations.

During the year 129 smoke observations were taken ; 99 being observations of smoke emissions from factories and 30 of emissions from railway engines during shunting operations. In 2 instances the amount of smoke emitted was excessive, and letters of warning were sent to the owners requiring them to abate the nuisance, with the desired effect.

Two-hourly observations are taken.

The following is a list of the different apparatus used in the Borough :—

Hollingdrake's Hollow Bar.	Davidson's Sirocco Fan.
Needham's Patent Fire Bar.	McConnell's Automatic Air
Swindell's Air Bar.	Regulator.
Eadie's Hollow Bar.	The Auto Stoker.
Green's Economiser.	Sutcliffe's Fan.
Proctor's Mechanical Stoker.	Thornton's Smoke Consumer.
Spider Draught.	

Common Lodging Houses.

There are eight common lodging-houses in the Borough to which 460 visits were paid.

Bakehouses.

596 visits were paid to bakehouses during the year and the premises were generally found to be in good condition as to cleanliness.

There are three underground bakehouses remaining in the Borough.

Restaurants.

Fourteen visits were paid to restaurants during the year and the premises were found to be in a satisfactory condition.

Offensive Trades.

There are in the Borough 21 premises in which one or other offensive trades are carried on, and 426 visits were made during the year.

The premises were found to be clean and well-kept and the trades carried on in such a manner as to avoid any cause for complaint.

Fairs and Wakes. Travelling Vans.

In connection with Fairs, every caravan used as a dwellinghouse was inspected and in all cases the vans were found to be in a clean condition and no sickness was discovered.

Shops Acts.

The number of shops on the register on the 31st December, 1924, was 3,379.

The Closing of shops is still regulated by the Shops (Early Closing) Act, 1920, as amended by the Shops (Early Closing) Act (1920) Amendment Act, 1921.

The work in connection with the early closing of shops is still carried out by the Watch Committee. This arrangement has been found to work extremely satisfactorily.

Summary of Work of Shops Inspector.

The Shops Inspector was also engaged as Ambulance Attendant during the greater part of the year, hence the falling off in the number of visits made under the Shop Hours Act.

Special calls re Closing Day Notices.....	6
Change of Occupiers.....	57
New Businesses.....	30
Number of visits to Shops interviewing Assistants respecting observance of meal-times and half-holidays.....	157
Number of visits on early closing days.....	250
Number of visits under the Early Closing Order, 1917.....	89
Reported to Medical Officer of Health.....	11
Number of Convictions.....	8
Number of letters of warning sent.....	3

Poison and Pharmacy Act.

One renewal of licence was granted during the year to a seed merchant to sell poisonous substances to which Section 2 of the Poisons & Pharmacy Act, 1908, applies, for use exclusively in connection with agriculture and horticulture, subject to his complying with the provisions of the Arsenic Act, 1851, the Pharmacy Act, 1868, and the Regulations made by Order in Council under the Poisons and Pharmacy Act of 1908.

By an Order of the Local Government Board, dated the 10th day of November, 1911, it is compulsory for a person in the employment of a person who has obtained a licence under Section 2 of the Poisons and Pharmacy Act, 1908, to be registered. One person was registered under this Order during the year.

Rag Flock Act.

No samples were taken during the year.

Milk Supply.

The greater part of the milk supplied to Stockport comes from farms in Cheshire and is generally of very good quality.

243 samples of milk were taken during the year of which 13 were found to be adulterated.

Milk and Cream Regulations, 1912 and 1917.

These Regulations make it an offence to sell cream containing preservative unless the jar or bottle containing the Cream has a label attached declaring the amount of preservative, and in addition stating that the Cream is not suitable for infants and invalids.

There are no premises in the Borough where cream is prepared and bottled for sale. Eleven samples of cream were taken during the year, ten of which came within the prescribed limits as regards preservatives. In the remaining case a cautionary letter was sent.

Milk (Mothers and Children) Order, 1919.

On page 48 is found a statement of the administration of the Milk (Mothers and Children) Order, 1919, with details as to the quantity of milk supplied to infants and to expectant and nursing mothers, in necessitous cases, either free or at less than cost price.

Sale of Food and Drugs Acts.

Nineteen samples have been found to be adulterated as compared with 12 in the previous year.

Of the 360 samples submitted for analysis, 243 were samples of milk, and of these 13 were found to be adulterated.

The following tables show the percentage of adulteration, as compared with other years and the Analyst's reports thereon :—

Analysis of Foods and Drugs.

<i>Articles Analysed.</i>	<i>Number Analysed.</i>	<i>Result of Analyses.</i>		<i>Extent of Adulteration.</i>	<i>Action Taken.</i>
		<i>Genuine.</i>	<i>Adulterated.</i>		
Milk.....	242	229	13	FORMAL SAMPLES. 23.0% added water 5.9% " 2.8% " 2.4% " 2.1% " 1.8% " 1.4% " 1.3% " 1.2% " 17.0% deficient in milk fat 7.0% " 4.7% " 2.7% " and 2.4% added water	Prosecuted "
Sausage.....	4	—	4	33.9 grains per lb. boric acid 17.2 " 16.2 " 4.8 "	" "
Malt Vinegar....	16	15	1	95% dilute acetic acid	"
Milk.....	1	1	—	INFORMAL SAMPLES.	
Cream.....	11	10	1	0.56% boric acid.	
Butter.....	38	38	—		
Lard.....	12	12	—		
Coffee.....	6	6	—		
Pepper.....	6	6	—		
Jam.....	6	6	—		
Ground Ginger...	6	6	—		
Ground Almonds.	6	6	—		
Mincemeat.....	6	6	—		
Totals.....	360	341	19		

The following tables show the percentage of adulteration compared with previous years :—

<i>Year.</i>		<i>Total Samples analysed.</i>		<i>Adulterated.</i>		<i>Percentage adulteration.</i>
1915	..	401	..	20	..	4.99
1916	..	401	..	25	..	6.23
1917	..	386	..	29	..	7.5
1918	..	362	..	24	..	6.63
1919	..	359	..	19	..	5.29
1920	..	360	..	8	..	2.22
1921	..	360	..	16	..	4.4
1922	..	361	..	26	..	7.2
1923	..	326	..	12	..	3.68
1924	..	360	..	19	..	5.28

Analysis of *milk samples* compared with previous years :—

<i>Year.</i>		<i>Total Samples analysed.</i>		<i>Adulterated.</i>		<i>Percentage adulteration.</i>
1915	..	238	..	12	..	5.04
1916	..	245	..	23	..	9.39
1917	..	261	..	29	..	11.1
1918	..	257	..	22	..	8.56
1919	..	269	..	17	..	6.32
1920	..	239	..	6	..	2.51
1921	..	223	..	9	..	4.04
1922	..	233	..	10	..	4.3
1923	..	187	..	7	..	3.74
1924	..	243	..	13	..	5.35

Legal Proceedings during the Year 1924.

OFFENCE.	RESULT.	FINE.
SELLING ADULTERATED MILK :—		
23% added water.....	Convicted	£15 and Analyst's, Advocate's and witness's fees.
5.9% „	„	£5 and Analyst's and Advocate's fees.
2.4% added water and 2.7% deficient in fat.....	„	£2/10/- and Analyst's fee.
Selling sausage containing 33.9 grains per lb. boric acid.....	„	£2 and Analyst's and Advocate's fees.
Selling Malt Vinegar containing 95% dilute acetic acid.....	„	„ „ „
Offence against Shops Early Closing Act, 1920.....	„	10/- and witness's expenses.
„ „	„	10/-.
„ „	„	10/-
„ „	„	10/-
„ „	„	7/6
„ „	„	5/-
„ „	„	5/-
„ „	„	5/-

Ice Cream Vendors.

These places have been visited 160 times during the year, and in 3 instances notices were served to cleanse the premises, and 2 owners were requested to inscribe their names and addresses on the vehicles used for the sale of this commodity.

Dairies, Cowsheds and Milkshop Order.

Your Inspector has made 400 visits of inspection to these places during the year when the cattle were inspected and the general cleanliness of the places seen to. Minor repairs to drains, ventilators, etc., have been carried out in several instances.

19 Tuberculous animals were surrendered and destroyed.

In four instances when infectious disease was reported in connection with Milk Purveyors the necessary isolation, disinfection, etc., was promptly carried out.

710 visits have been made to the various Milk Shops.

Milk and Dairies (Amendment) Act, 1922.

11 samples of milk have been submitted for Bacteriological Examination representing the mixed milk from 9 farms. In one instance the sample contained tubercle bacilli. The case was followed up with the result that one cow was surrendered and destroyed.

Slaughter-houses.

There are 30 Slaughter-houses in the Borough to which 869 visits of inspection have been made, and it was found necessary to serve notices to cleanse, repair drains, etc., in four instances.

The various shops where food is stored, premises where sausage, etc., are made, and the Market, have been regularly visited. The following is a summary of the unsound food dealt with by your Inspector and subsequently destroyed :—

23 Carcases of Beef.	4 Boxes of Red Currants.
9 quarters of Beef.	18 Chips of Greengages.
540 lbs. of Beef.	4 Chips of Blackberries.
45 Sets of Offal.	16 Baskets of Black Currants.
5 Pigs.	21 Baskets of Raspberries.
3 Calves.	1 Crate of Strawberries.
2960 lbs. of Fish.	20 Bags of Potatoes.
2280 Eggs.	24 Bottles of Pickles.
14 Couples of Rabbits.	4 Hams.
40 Boxes of Grapes.	536 Tins of Salmon, Milk, &c.

Rats and Mice (Destruction) Act, 1919.

45 visits of inspection were made under the above Act and advice given to the persons concerned as to the safest means of destruction in the various cases and it is known some hundreds of rats were destroyed.

NOTIFIABLE DISEASES DURING THE YEAR 1924.

DISEASE.	Total cases notified.	At Ages—Years.													Cases admitted to Fever Hospital.	Cases treated in Sanatoria, etc.	Total Deaths.	Deaths at age periods.												
		—1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65 & upw'da.	—1				1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65 & upw'da.		
Diphtheria.....	57	1	5	4	7	5	16	8	1	8	2	48	..	5	..	4	1	
Scarlet Fever.....	356	2	3	15	27	38	138	72	29	21	8	3	..	281	..	5	1	4	
Enteric Fever.....	6	..	..	..	..	..	..	1	2	1	1	1	..	4	..	2	..	..	..	..	..	1	..	..	1	..	..	..
Puerperal Fever.....	6	..	..	..	..	..	..	..	..	5	1	..	..	..	2	3	..	..	..	..	..	..	..	2	1	..	..	..
Erysipelas.....	32	1	..	..	..	..	1	..	1	8	2	14	5	..	7	2	1	..	..	..	..	..	1	..	..	..	..	..
Pneumonia :																														
Acute Primary.....	103	..	1	2	..	1	7	9	8	32	16	20	7	..	22	29	..	..	1	..	1	..	..	4	9	10	4	..
Acute Influenzal.....	62	2	..	1	1	..	..	2	7	13	11	13	12	1	7	39	2	..	..	..	..	1	3	6	4	12	11	..
Malaria.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dysentery.....	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Trench Fever.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ophthalmia Neonatorum..	27	27	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Encephalitis Lethargica....	37	..	..	2	..	2	3	8	7	7	3	4	1	2	7	8	..	..	1	..	1	1	..	1	..	4	..	..
Acute Polio-Encephalitis..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cerebro-spinal Meningitis..	3	..	1	..	..	..	2	..	..	..	..	..	..	..	2	1	..	..	..	..	1	..	..	..	..	..	..	..
Acute Poliomyelitis.....	2	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total....	692	33	11	24	36	46	167	100	55	96	44	55	25	336	48	94	3	4	2	..	2	7	3	4	13	15	26	15		

NOTIFIABLE DURING THE YEAR 1911

Disease	Total Deaths	Deaths from Infectious Diseases	Deaths from Non-Infectious Diseases	Deaths from Cause not Specified	At Ages—				
					Under 5	5-14	15-24	25-64	65 and over
Diphtheria.....	57	1	5	1	16	5	7	4	16
Scarlet Fever.....	356	2	3	12	138	38	27	12	38
Bacterial Fever.....	6	1	1	1	1	1	1	1	1
Pyæmia.....	6	1	1	1	1	1	1	1	1
Erysipelas.....	32	1	1	1	1	1	1	1	1
Pneumonia:									
Acute Primary.....	103	1	1	3	7	1	1	1	1
Acute Influenzal.....	62	2	1	1	1	1	1	1	1
Malaria.....	1	1	1	1	1	1	1	1	1
Gyæmia.....	1	1	1	1	1	1	1	1	1
Trench Fever.....	1	1	1	1	1	1	1	1	1
Ophthalmia Neonatorum.....	27	27	1	1	1	1	1	1	1
Encephalitis Lethargica.....	37	1	1	1	1	1	1	1	1
Acute Folio-Encephalitis.....	1	1	1	1	1	1	1	1	1
Cerebro-spinal Meningitis.....	3	1	1	1	1	1	1	1	1
Acute Poliomyelitis.....	2	1	1	1	1	1	1	1	1
Total.....	602	33	11	24	36	46	167	167	167

NOTIFIABLE INFECTIOUS DISEASES, &c.

The total number of cases of notifiable infectious diseases notified during the year was 959 compared with 705 during the previous year.

Smallpox.

There has been no case of this disease since 1909.

Although Smallpox was prevalent throughout many parts of the country, yet during the year 1924 only 1088 successfully primary vaccinations were recorded in the Borough out of 2063 births registered.

A scheme has been drawn up and submitted to the Health Committee in readiness to deal with any cases of Smallpox should they arise in the Borough.

Scarlet Fever.

The number of cases of scarlet fever notified showed an increase on the previous year, 356 cases being notified, as compared with 238 during 1923.

Of the 356 cases, 281, or 79 per cent. were removed to the Isolation Hospital for treatment, and two "Return" cases occurred.

Diphtheria.

57 cases of Diphtheria were notified during the year, as against 106 cases last year, of which 48, or 84 per cent., were removed to the Isolation Hospital.

Antitoxin was supplied by the Health Department to medical men on 26 occasions, as compared with 44 in the previous year.

I would again call the attention, as I have done in previous years, to the delay in calling in medical aid in cases of sore throat occurring amongst children. Many of such cases are diphtheritic in origin and not only is delay dangerous to the child if the attack is a severe one, but there is also a great danger from the spread of the infection if the case is of a mild nature.

Materials for taking cultures from the throat for bacteriological examination are provided for the use of medical practitioners on application to the Town Hall.

Outfits containing diphtheritic antitoxin and syringe are kept at the Town Hall and Police Stations for the use of medical men. A charge is made for the cost of the serum unless the Doctor recommends that the responsible persons cannot afford to pay.

Typhoid Fever.

Six cases of Typhoid Fever were reported during the year, as against 3 in 1923, four of which were treated at the Isolation Hospital. Two of the cases were traced to the eating of mussels, but as the names and addresses of the vendors could not be ascertained further investigations could not be carried out.

Puerperal Fever.

Six cases of Puerperal Fever were notified during the year, being the same number of cases notified during 1923.

Erysipelas.

There were 32 cases of Erysipelas as against 39 in 1923.

Ophthalmia Neonatorum.

27 cases of Ophthalmia Neonatorum were notified during the year, as compared with 26 cases in the previous year.

This disease is an infection of the child's eyes which takes place during the time of birth and is one of the main causes of blindness. If the mothers were treated before the child is born and special precautions taken immediately upon the birth occurring this disease could be prevented to a great extent.

Encephalitis Lethargica.

37 cases of this disease were notified during the year; the majority occurring in the Spring. Eight of the cases proved fatal.

In only two of the cases could evidence of direct infection be found.

The great majority of the cases were visited either by your Medical Officer of Health or Assistant Medical Officer of Health and fully investigated. I wish to record my indebtedness to the Medical Men in charge of the cases for the full particulars given.

Re-visits were made from time to time by your Sanitary Inspectors to ascertain how the cases were progressing and also to inquire into the state of the health of the other members of the families.

Disinfection has been carried out at the termination of the illness, and the Health Committee have made arrangements to admit these cases into their Isolation Hospital if such a course is desired.

Acute Poliomyelitis.

Two cases of this disease were notified during the year.

Cerebro-Spinal Meningitis.

Three cases of Cerebro-Spinal Meningitis were reported during the year.

Tuberculosis.

267 cases of Tuberculosis were notified, of which 187 were cases of Phthisis and 80 Other Forms of Tuberculosis. The number notified in the previous year was 177.

The increase in the number of notifications is due to the more stringent measures adopted by the Ministry of Health resulting in the notification of cases which should have been notified in previous years.

Acute Primary and Influenzal Pneumonia.

165 cases of the above were notified, of which 62 were Influenzal in origin.

Dysentery.

One case of the above was notified during the year.

There were no cases of Malaria, Trench Fever, and Acute Polio Encephalitis notified during the year.

Influenza.

35 deaths occurred from Influenza during the year. Of these 26 occurred in persons of over 45 years of age.

School Closure.

Below is set forth particulars in respect of School closure during the year :—

<i>School.</i>	<i>Cause of closure.</i>	<i>Percentage of children present.</i>	<i>Period of Closure.</i>	
			From	To
			inclusive.	
Cheadle Heath Council..... (Infants' Department)	Measles	43	Jan. 7	Jan. 25
Heaton Moor Council.....	„	60	Mar. 19	April 11
Lancashire Hill Council..... (Infants' Department)	Measles & Mumps	58	April 3	April 16
St. Paul's C.E., Portwood... (Mixed & Infants' Departments)	Breakdown of Heating Apparatus	—	Jan. 9	Jan. 11
St. George's C.E. (Senior & Junior Departments).....	„	—	Jan. 23	Feb. 1
Lancashire Hill Council..... (Mixed Department)	„	—	Noon Nov. 19	Nov. 21

CASES REPORTED DURING 1924.

DISEASE.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Smallpox.....	25	11	21	25	29	26	33	17	23	37	51	58	356
Scarlet Fever.....	11	5	4	4	5	2	2	4	3	5	7	5	57
Diphtheria and Mem- branous Croup.....	..	..	1	1	1	..	..	1	1	1	..	..	6
Typhoid Fever.....	1	1	..	2	1	..	..	..	1	..	..	..	6
Puerperal Fever.....	3	2	8	7	2	2	1	2	2	2	1	..	32
Erysipelas.....	..	..	..	..	..	..	..	..	..	..	..	..	..
Ophthalmia Neona- torum.....	4	2	3	2	1	2	1	2	1	2	6	1	27
Encephalitis	..	5	9	9	6	1	3	..	..	3	..	1	37
Lethargica.....	..	..	..	..	..	..	..	..	..	..	..	..	..
Acute-Polio-	..	..	..	..	..	..	..	..	..	..	..	..	..
Encephalitis.....	..	..	..	..	1	..	..	1	1	..	..	..	3
Cerebro-spinal	..	..	..	..	..	..	..	..	..	1	1	..	2
Meningitis.....	..	..	..	..	..	..	..	..	..	..	..	..	..
Acute Poliomyelitis...	..	..	..	..	..	..	..	..	..	..	..	..	..
Tuberculosis—	11	8	20	13	22	10	16	20	26	15	11	15	187
Pulmonary.....	6	8	4	7	3	4	8	9	10	7	8	6	80
Other Forms.....	..	..	..	..	..	..	..	..	..	..	..	..	..
Malaria.....	..	..	..	..	1	..	..	..	..	..	..	..	1
Dysentery.....	..	..	..	..	..	..	..	..	..	..	..	..	..
Trench Fever.....	..	..	..	..	..	..	..	..	..	..	..	..	..
Acute Primary	9	6	18	14	5	10	4	10	5	10	5	7	103
Pneumonia.....	4	5	30	12	3	2	1	..	1	2	1	1	62
Acute Influenzal	..	..	..	..	..	..	..	..	..	..	..	..	..
Pneumonia.....	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals.....	74	53	118	96	80	59	69	66	74	85	91	94	959

TABULAR STATEMENT OF "RETURN CASES" OF SCARLET FEVER.

DISCHARGED PATIENTS.					Notes as to any abnormality.		Onset and number of Return Case.	Interval between Discharge of Patient and onset of Return Case.
No. in Register.	Age.	Sex.	Date of Discharge.	Days in Hospital.	Length of Illness.	On Discharge.	After Discharge.	
253	4½	F	19/8/24	42	46	..	..	24/8/24 (310) 5 days
336	6	M	31/10/24	37	39	..	..	4/11/24 (413) 4 days

<i>Ward.</i>	<i>Number of cases of Scarlet Fever notified during the year 1924.</i>	<i>Estimated Popula- tion.</i>	<i>Percentage of cases removed to Hospital.</i>	<i>Incidence of Scarlet Fever per 1,000 of the population.</i>
Lancashire Hill.....	9	5720	100	1.57
Heaton Lane.....	10	6100	100	1.64
Old Road.....	18	5950	100	3.03
Portwood.....	32	8100	91	3.95
St. Mary's.....	7	2960	100	2.36
Vernon.....	27	6410	85	4.21
Spring Bank.....	13	4270	100	3.04
Hollywood.....	23	9050	87	2.54
Edgeley.....	28	11250	71	2.49
Shaw Heath.....	29	10720	79	2.71
St. Thomas's.....	12	5185	83	2.31
Hempshaw Lane.....	4	5680	50	0.70
Cale Green.....	12	6475	67	1.85
Heaviley.....	23	11450	65	2.01
Reddish North.....	57	9630	65	5.92
Reddish South.....	26	6060	85	4.29
Heaton Norris North....	7	5120	29	1.37
Heaton Norris South....	6	5870	—	1.02
Infirmery.....	9	..	100	..
Union Workhouse....	..	..	..	..
Union Hospital.....	2	..	100	..
Isolation Hospital....	..	..	..	..
Barnes' Home Industrial School...	2	..	100	..

Chart showing the number of cases of Scarlet Fever for the past 21 years.

No. of cases notified in black.

No. of cases removed to Hospital in red.

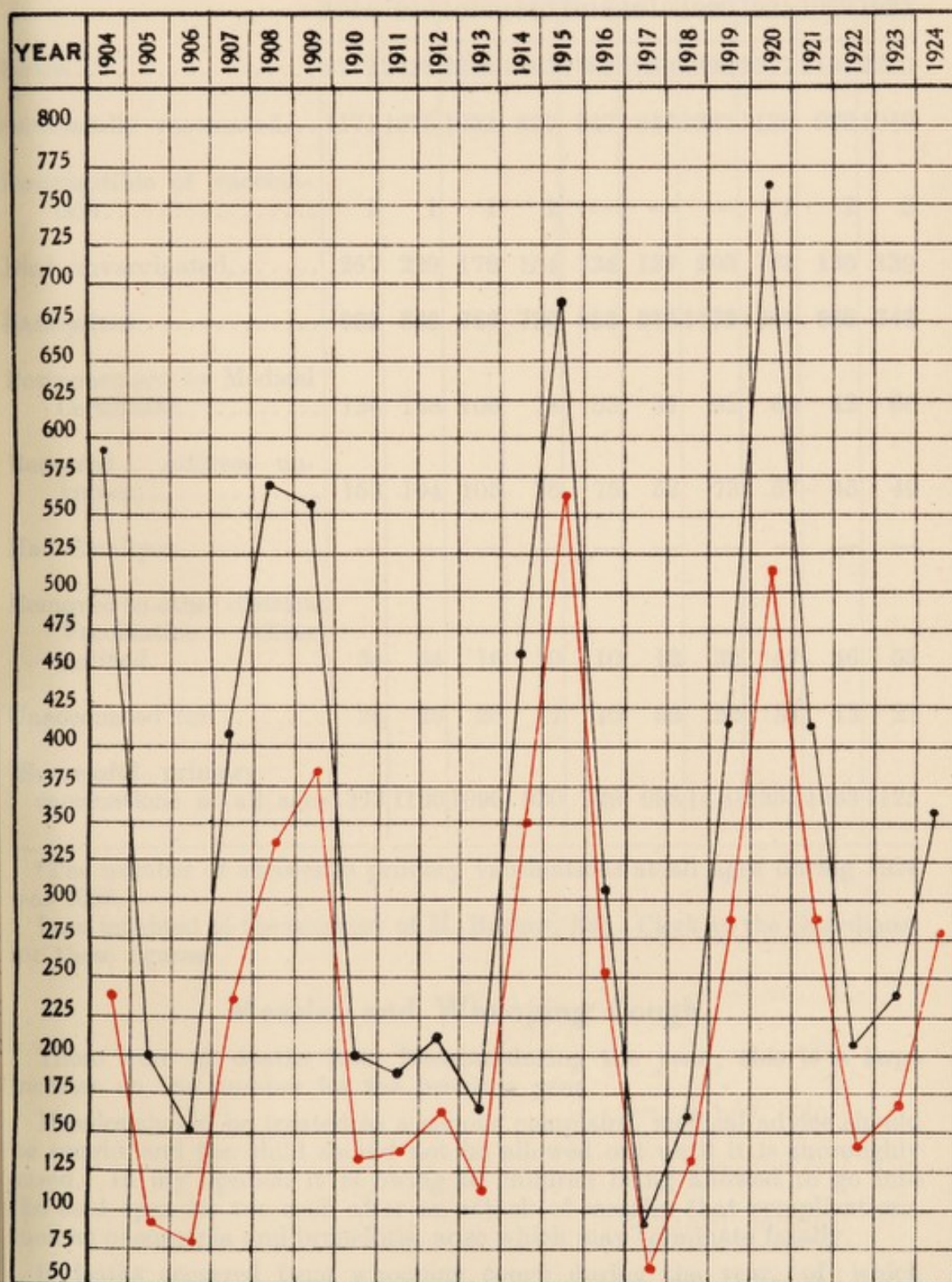
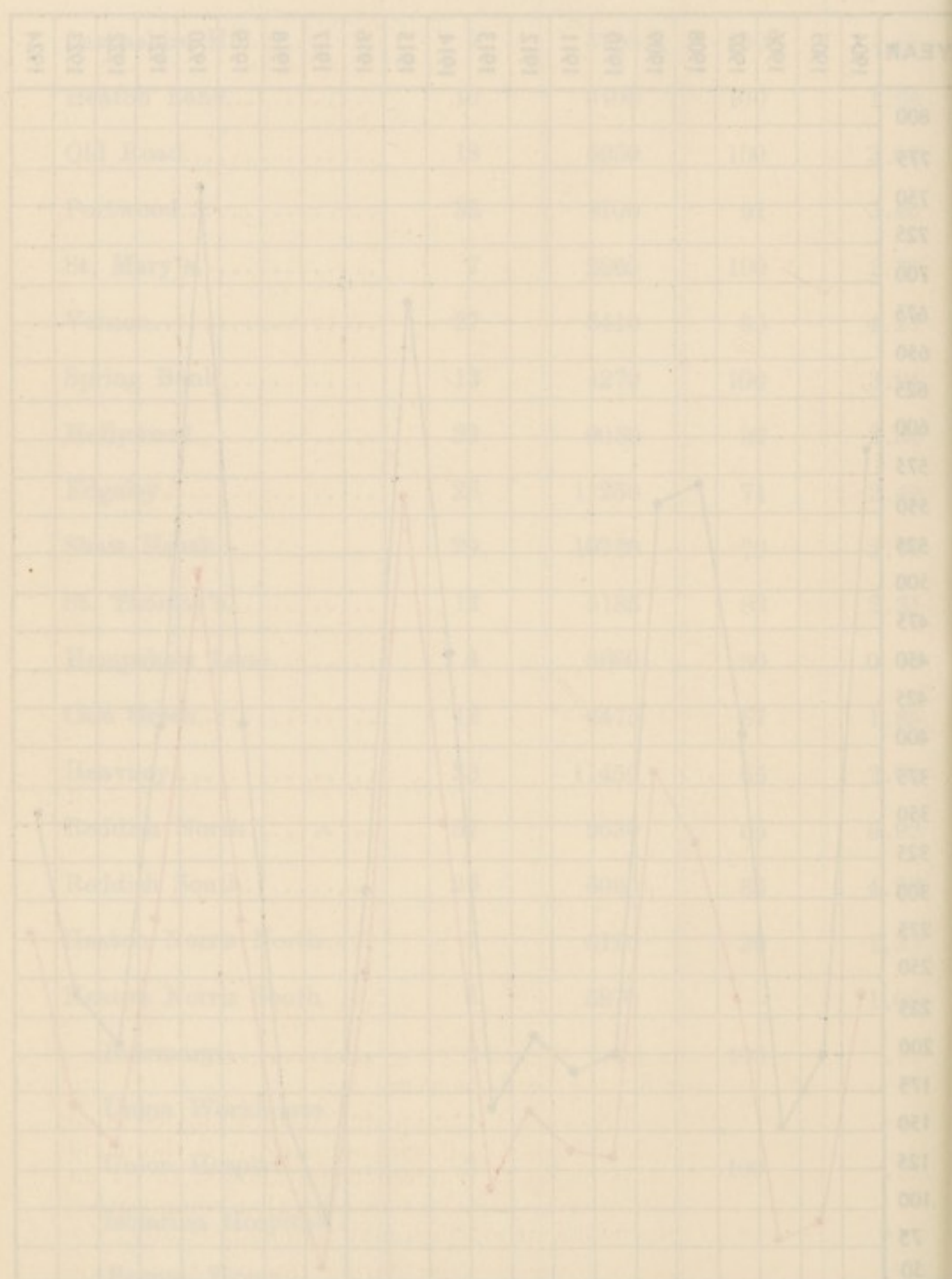


Chart showing the number of cases of Scarlet Fever for the past 21 years.
 No. of cases notified in black.
 No. of cases removed to Hospital in red.



VACCINATION RETURNS FOR THE COUNTY BOROUGH OF STOCKPORT
FOR THE PAST 10 YEARS.

	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923
Births.....	2717	2428	2224	1883	1782	1959	2890	2567	2197	2210
Successfully vaccinated...	1171	1075	1033	817	847	847	1287	1136	976	1046
Insusceptible of vaccination.....	2	1	1	1	—	—	—	1	2	2
Died unvaccinated.....	267	229	176	154	134	137	205	173	135	139
Exemptions.....	932	832	768	730	653	812	1179	1051	938	748
Postponement by Medical Certificate.....	134	138	100	78	53	37	92	68	42	66
Removed: Address unknown.....	153	104	105	76	75	52	73	57	45	49
Had Smallpox.....	—	—	—	—	—	—	—	—	—	—
Removed to other districts Vaccination Officer notified.....	34	54	16	10	10	12	32	47	46	53
Unaccounted for.....	24	29	25	17	10	62	22	37	13	27
*Successful primary vaccinations at all ages	1373	1136	1096	930	729	988	1410	1354	1063	1125

*The number of successful primary vaccinations at all ages during 1924 was 1088.

I am indebted to the courtesy of H. Barlow, Esq., Clerk to the Guardians, for these figures.

Measles and Whooping Cough.

There were 42 deaths from Measles during the year; this is a large increase on the number for the previous year.

Measles should be treated as a serious complaint, medical advice should be sought and the child should not be allowed out until it is thoroughly cured. In my opinion it is owing to children being allowed to go into the cold open air too soon after an attack of measles that complications, such as pneumonia and bronchitis, arise which may terminate fatally.

6 deaths occurred from whooping cough during the year, of which 4 were children under two years of age.

Cancer.

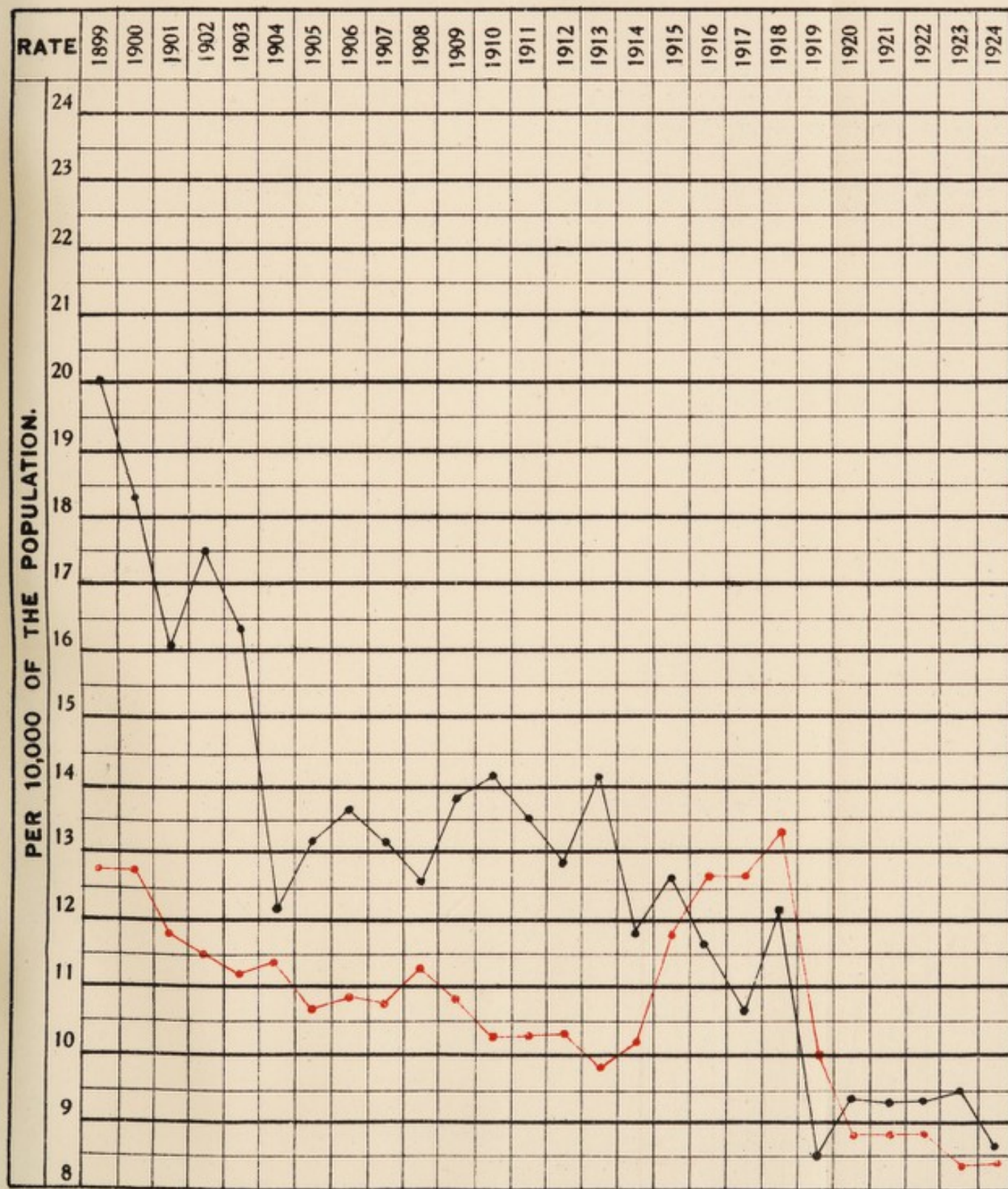
The number of deaths from Cancer registered during the year was 168 as compared with 167 during the previous year. 94 of these deaths occurred among females and 74 among males. The death-rate of this disease was equal to 1.33 per thousand of the population, the same rate as last year. 6 of the deaths registered were due to Sarcoma.

TUBERCULOSIS

AGE-PERIODS.	NEW CASES.				TOTAL DEATHS.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1.....	—	—	4	1	—	—	4	1
1-5.....	2	2	14	12	1	—	6	6
5-10.....	5	2	4	7	—	—	—	2
10-15.....	4	3	1	7	1	—	—	2
15-20.....	6	11	7	3	3	6	3	—
20-25.....	13	22	5	4	9	11	2	2
25-35.....	18	26	4	4	9	15	4	1
35-45.....	24	21	3	5	15	10	—	1
45-55.....	17	9	—	1	10	4	—	1
55-65.....	11	1	2	—	8	2	1	—
65 and upwards.	3	1	—	—	5	1	—	—
Totals.....	103	98	44	44	61	49	20	16

Notification of Tuberculosis.—During the year there were 22 cases of tuberculosis ending fatally which were not notified in accordance with the Public Health (Tuberculosis) Regulations, giving a ratio of non-notified tuberculosis deaths to total tuberculosis deaths of three in twenty. In such cases the attention of the Medical Practitioner who has treated the case is drawn to the fact that the Public Health (Tuberculosis) Regulations have not been complied with.

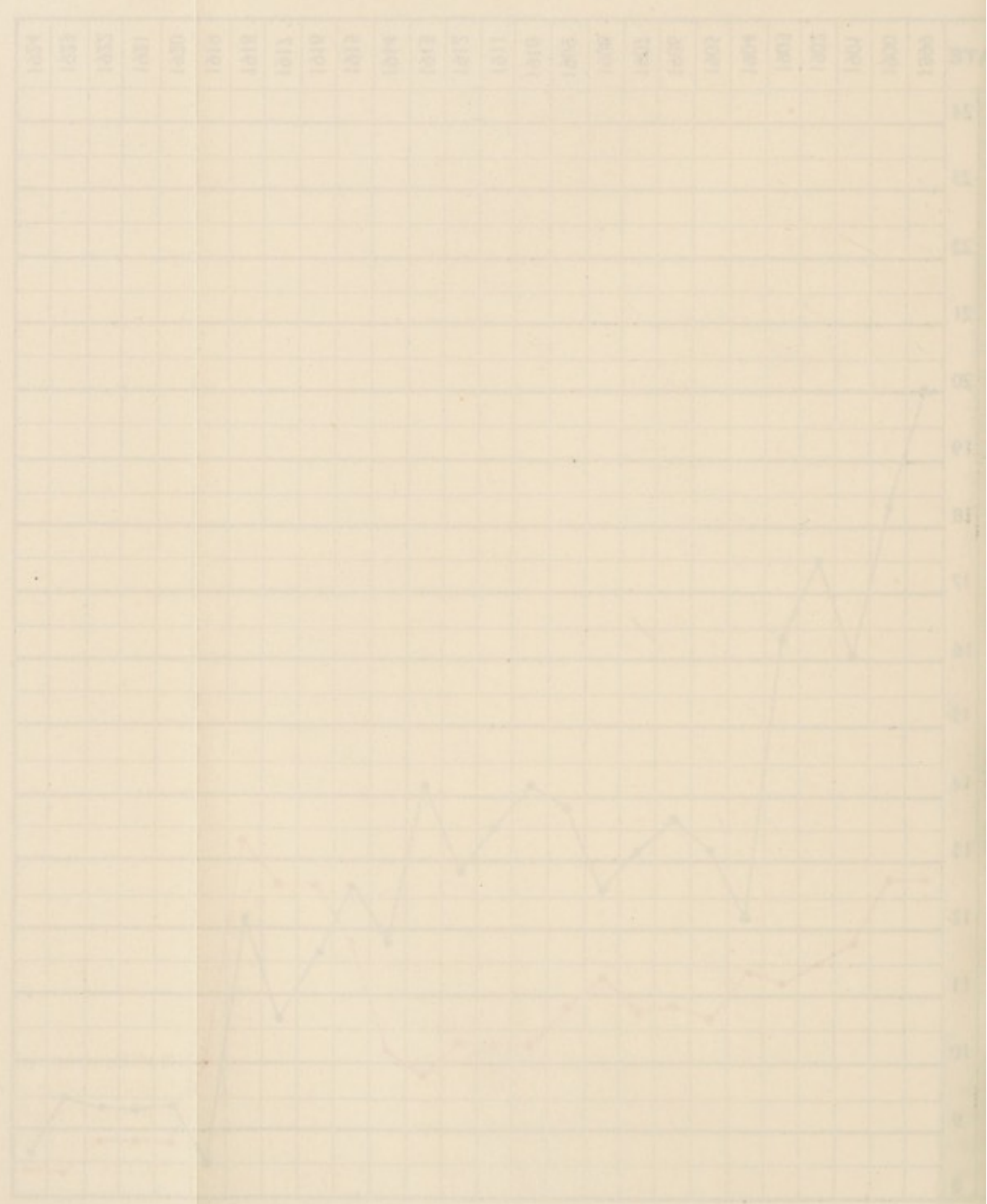
The following Chart shows the Death Rates from Pulmonary Tuberculosis per 10,000 of the Population in England and Wales and Stockport, 1899-1924.



England and Wales in Red.

Stockport in Black.

The following Chart shows the Death Rates from Pulmonary Tuberculosis per 10,000 of the Population in England and Wales and Stockport, 1892-1924.



England and Wales in Red
Stockport in Black

267 cases of Tuberculosis were notified during the year, as compared with 177 in 1923.

The number of deaths from all forms of Tuberculosis during the year was the same as the previous year, viz., 146, giving a death-rate of 1.16 per thousand of the population.

PULMONARY TUBERCULOSIS.—Of the 187 cases notified, 113 occurred between the ages of 20 and 45, and 17 between the ages of 15 and 20, 39 cases were over 45, and 18 cases under 15 years of age.

There were 110 deaths during the year from tuberculosis of the lungs, of which 61 were males and 49 females. The number of deaths in 1923 from this disease was 119. The death-rate was .87 per 1,000 of the population which is lower than last year, when the rate was .95 per 1,000 of the population.

NON-PULMONARY TUBERCULOSIS.—80 cases of non-pulmonary tuberculosis were notified during the year, namely, 41 males and 39 females.

The number of deaths from non-pulmonary tuberculosis was 36, as compared with 27 in 1923, giving a death-rate of .29 per 1,000, as against .21 for 1923.

21 of the 36 deaths were amongst children under 15 years of age.

TREATMENT OF TUBERCULOSIS.

Below is the Report of the treatment of tuberculosis for the year:—

BOROUGH TUBERCULOSIS DISPENSARY.

NUMBER OF PATIENTS.

The total number of patients attending the Dispensary during the year was 820, and the total attendances made was 7,338. The fall in the number of attendances is due to the fact that the Ministry of Health have transferred to the care of their own medical advisers cases which previously attended the Borough Dispensary. Such cases are, however, reviewed by the Tuberculosis Officer at varying periods. Of these, 360 were new patients, viz.:—135 Civilians, 35 Discharged Soldiers, and 190 Children up to 16 years of age. Of the 360 new patients, below is set forth the diagnosis:—

Nature of Disease.	Discharged		Civilians.		Total.
	Soldiers.				
Pulmonary Tuberculosis.....	22	..	79	..	101
Bronchitis, Debility, &c.....	6	..	163	..	169
Tuberculosis of Bones, Joints, and Skin.....	1	..	13	..	14
Tubercular Glands.....	—	..	5	..	5
Other Diseases.....	6	..	65	..	71
	—		—		—
	35	..	325	..	360
	—		—		—

CONTACTS.

During the year 90 contacts were examined at the Dispensary, and of these 4 were found to be definitely tubercular.

Several others were under observation at the end of the year.

NURSES' VISITS.

During the year the nurses made 2420 visits to Tuberculous homes, of these 1830 were made to homes of civilians, and 590 to homes of discharged soldiers.

SPUTA EXAMINATIONS.

During the year 325 sputa were examined at the Dispensary, of which 51 were positive and 274 negative.

The nursing and clerical staff carried out their work in an extremely satisfactory manner.

WHITEHILL HOSPITAL.

Below is set forth the work done in connection with Whitehill Hospital:—

No. of patients in Hospital, December 31st, 1923...	18
„ admitted during 1924.....	85
„ discharged during 1924.....	65
„ died during 1924.....	16
„ remaining in Hospital.....	22

The work of Matron, Deputy Matron and Staff has been carried out in a thoroughly satisfactory manner.

HOSPITAL, SANATORIA, ETC.

Arrangements were continued during the year with the Manchester and Salford Hospital for Skin Diseases to treat cases of tubercular skin trouble which are sent by the Corporation. This arrangement has proved satisfactory and the patients in many cases have derived great benefit.

The Sanatorium accommodation for the Borough is as follows:—

Cheshire Joint Sanatorium.....	16 beds.
Wensleydale, Yorkshire.....	5 „
Shropshire Orthopædic Hospital.....	3 „
Special School, West Kirby (George Fearn Trust)	1 bed.
Ormerod Home, St. Annes-on-Sea (Weakly and pre-tubercular children).....	10 beds.

The latter is under the administration of the George Fearn Trust, to which the Corporation subscribe the sum of £150 per annum.

Owing to difficulties still being present the full complement of beds at the Cheshire Joint Sanatorium are not available and during the year only twelve beds have been in use for the Stockport patients.

In addition to the above, accommodation is provided by the George Fearn Trust at several farms in the vicinity of Stockport where weakly children can be sent. The treatment has proved very beneficial and the results have been good. The assistance rendered by the Trust and their Secretary (Mr. H. Green) is most valuable in dealing with many cases.

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

SUMMARY OF NOTIFICATIONS during the period from 30th December, 1923, to 3rd January, 1925,
in the County Borough of Stockport.

YEAR 1924.																			
Age Periods.	NUMBER OF NOTIFICATIONS ON FORM A.												NUMBER OF NOTIFICATIONS ON FORM B.			No. OF NOTIFICATIONS ON FORM C.			
	Primary Notifications.												Primary Notifications.			Total Notifications on Form B.	Poor Law Institutions.	Sana- toria.	
	Total Notifications on Form A.												Under 5						Total.
	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 and over	Total.	5 to 10	10 to 15					
Pulmonary—																			
Males.....	2	5	4	6	12	15	23	15	11	2	95	109	.	.	.	3	58 *		
Females.....	2	2	3	11	20	24	19	9	1	1	92	95	.	.	.	3	52 *		
Non-Pulmonary—																			
Males.....	4	13	4	1	6	5	4	3	1	.	41	47	.	.	.	.	.
Females.....	1	8	7	5	4	4	5	1	.	.	38	44	.	i	i	.	.		

* Including 32 males and 38 females admitted to Whitehill Hospital.

YEAR 1924.

SUPPLEMENTAL RETURN.

New cases of Tuberculosis coming to the knowledge of the Medical Officer of Health or Chief (Administrative) Tuberculosis Officer during the period from the 30th December, 1923, to the 3rd January, 1925, otherwise than by notification on Form A or Form B under the Public Health (Tuberculosis) Regulations, 1912.

Age Periods.	YEAR 1924.										Total Cases.
	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65 and upwards.	
Pulmonary Males.....	-	-	-	-	1	3	1	2	-	1	8
" Females.....	-	-	-	-	2	2	2	-	-	-	6
Non-Pulmonary Males..	-	1	-	1	-	-	-	-	1	-	3
" Females..	-	4	-	1	-	-	-	-	-	-	5

Eight of the above cases were deaths which occurred outside the Borough and were brought to notice by the Returns from the Registrar-General.

Venereal Diseases.**BOROUGH DISPENSARY.**

Four clinics are held weekly as follows:—

MALES :	Tuesday Evenings :	5-30 to 7-30
	Friday Mornings :	10-30 „ 12-30
FEMALES :	Tuesday Mornings :	10-30 „ 12-30
	Thursday Evenings :	5-30 „ 7-30

In addition to the above Clinics the Centre is open for the Irrigation of cases of Gonorrhœa at the following times:—

MALES :	Wednesday	} 5-30 to 7-30 p.m.
	Saturday	
FEMALES :	By arrangement.	

307 persons, of whom 218 were males and 89 females, attended for treatment during the year, making a total number of attendances of 3855.

In addition to the above, 43 new Stockport patients attended approved Treatment Centres in other towns, making a total number of attendances of 510.

During the year 277 specimens of blood in respect of Stockport patients were examined for the Wassermann Reaction at the Public Health Laboratory, Manchester, and elsewhere.

67 examinations for the detection of Gonococci and Spirochetes were made at the Borough Dispensary, and 37, in respect of Stockport patients, were carried out at other Centres.

The following tables, compiled from Form V.R. 22 of the Ministry of Health, give the detail of the treatment at the various Treatment Centres:—

TABLE OF INSTITUTIONAL TREATMENT AT VARIOUS TREATMENT CENTRES.

	<i>Borough Dispensary Stockport.</i>	<i>Stockport Patients Treated at Manchester Centres.</i>
	<i>Number.</i>	<i>Number.</i>
(A) OUT-PATIENT CLINIC : Attendances.....	3855	510
(B) IN-PATIENT TREATMENT : Number of days.....	—	52
(C) SALVARSAN SUBSTITUTES : Doses.....	192	70
(D) EXAMINATION OF PATHOLOGICAL MATERIAL : For detection of Spirochetes.....	2	1
„ Gonococci.....	65	36
„ Wassermann Reaction.....	(a) 228	(b) 49

(a) Including 41 specimens sent in by Private Practitioners and Institutions.

(b) Including 5 specimens sent in by Private Practitioners.

VENEREAL DISEASE—TREATMENT.

	<i>Borough Dispensary Stockport.</i>	<i>Stockport Patients Treated at Manchester Centres.</i>
A. Number of persons dealt with during the year at or in connection with the Out-Patient Clinic for the first time and found to be suffering from Syphilis.....	31	15
Soft Chancre.....	—	—
Gonorrhœa.....	82	21
Conditions other than Venereal.....	46	7
Total.....	159	43
B. Number of attendances at the Out- Patient Clinic.....	3855	510
C. Aggregate number of “ In-Patient ” days.....	—	52
D. Number of doses of Salvarsan substitutes given in the— (1) Out-Patient Clinic.....	192	70
(2) In-Patient Department.....	—	—

Infantile Mortality and Maternity and Child Welfare Work.

(Including the administration of the Midwives Act, 1902,
and the Notification of Births Act, 1907).

Fortunately there was a decrease in the rate of infantile mortality during the year, 23 less deaths occurring amongst infants under one year of age than in the previous year.

The principal causes of Infantile Mortality are: -Atrophy, Debility, Marasmus, Congenital Malformations, Gastritis, and Respiratory Diseases.

TABLE IV.

INFANT MORTALITY.

1924. Nett Deaths from stated causes at various Ages under 1 Year of Age.

CAUSE OF DEATH.		Under 1 week.	1-2 weeks.	2-3 weeks.	3-4 weeks.	Total under 4 weeks.	4 weeks and under 3 months.	3 months and under 6 months.	6 months and under 9 months.	9 months and under 12 months.	Total Deaths under 1 year.
All causes	{ Certified..... Uncertified.	38 ..	6 ..	8 ..	8 ..	60 ..	37 ..	28 ..	22 ..	33 ..	180 ..
Smallpox.....		..	..	..	..	..	..	..	..	..	..
Chickenpox.....		..	..	..	..	..	..	..	..	..	..
Measles.....		..	..	..	..	..	..	..	1	4	5
Scarlet fever.....		..	..	..	..	..	..	..	..	..	..
Whooping cough.....		..	..	..	..	..	1	..	..	..	1
Diphtheria and Croup.....		..	..	..	..	..	..	..	..	..	..
Erysipelas.....		..	..	..	..	..	..	1	..	..	1
Phthisis.....		..	..	..	..	..	..	..	..	..	..
Tuberculous Meningitis.....		..	..	..	..	..	..	..	..	..	..
Abdominal Tuberculosis.....		..	..	..	..	..	..	1	1	2	4
Other Tuberculous diseases..		..	..	..	..	..	..	..	1	..	1
Meningitis (<i>not Tuberculous</i>)		1	..	..	..	1	..	1	1	1	4
Convulsions.....		2	..	1	1	4	2	2	..	2	10
Laryngitis.....		..	..	..	..	..	..	..	..	..	..
Bronchitis.....		..	1	2	1	4	8	6	4	4	26
Pneumonia (all forms).....		..	..	..	..	..	7	6	8	15	36
Diarrhœa.....		..	..	..	..	..	1	1	1	..	3
Enteritis.....		..	1	1	..	2	3	..	..	..	5
Gastritis.....		1	..	..	..	1	3	5	..	2	11
Syphilis.....		..	..	..	..	..	1	..	..	..	1
Rickets.....		..	..	..	..	..	..	..	1	..	1
Suffocation, overlying.....		..	..	..	..	..	..	..	..	..	..
Injury at birth.....		1	..	..	..	1	..	..	..	..	1
Atelectasis.....		1	..	..	..	1	..	..	..	..	1
Congenital Malformations ..		4	2	..	1	7	2	..	..	..	9
Premature birth.....		19	2	1	3	25	3	3	1	..	32
Atrophy, Debility, and Marasmus.....		7	..	2	2	11	5	2	2	2	22
Other causes.....		2	..	1	..	3	1	..	1	1	6
Totals.....		38	6	8	8	60	37	28	22	33	180

	M.	F.	Total.
Nett Births in the year			
{ legitimate.....	963	1006	1969
{ illegitimate.....	48	46	94
			<hr/> 2063 <hr/>
Nett Deaths in the year of	M.	F.	Total.
{ legitimate infants..	99	70	169
{ illegitimate infants.	7	4	11
			<hr/> 180 <hr/>

The majority of these deaths fall under three groups, viz. :—

Congenital malformations, prematurity, atrophy debility and marasmus.....	63
Diarrhoea, enteritis, and convulsions.....	18
Respiratory and Tubercular diseases.....	67

Notification of Births Acts and Maternity and Child Welfare.

It is satisfactory to record that 99 per cent. of the total births occurring in the Borough were notified under this Act.

The births were notified as follows :—

By Midwives.....	1683
By Medical Practitioners.....	388
By other persons.....	92
Number of cases not notified.....	21

The district work was carried out by five Health Visitors, of whom two hold the certificate of the Royal Sanitary Institute, and three are trained nurses holding the Central Midwives Board Certificate. During the year they have made 11,031 visits of which 8,598 were in connection with births notified. 454 visits were paid to cases of non-notifiable infectious diseases, such as measles, whooping cough, mumps, etc.

The number of visits to expectant mothers was 172 of which 140 were first-visits and 32 re-visits. In each case a handbill is left giving practical information to the prospective mother concerning herself and the baby.

132 lectures on Infant Hygiene were given by the Health Visitors during the year to the elder girls in the Elementary Schools, as compared with 146 in the previous year.

Ophthalmia Neonatorum.—The number of cases of this disease notified during the year was 27, as compared with 26 for 1923.

Cases.			Vision un- impaired	Vision impaired	Total Blind- ness.	Deaths.
Notified.	Treated.					
	At Home.	In Hospital				
27	25	2	27	—	—	—

Of the 27 cases notified 24 were reported to the Matron of the Barnsley Home, in order that a nurse should visit and give treatment.

SUMMARY OF WORK OF HEALTH VISITORS, 1924.

Total Visits.....	11031
Births, First Visits.....	1946
„ Re-visits.....	6652
Reported to District Inspectors.....	19
Schools Visited.....	119
Midwives.....	46
Outworkers.....	108
Lectures.....	132
Deaths from all causes.....	165
Visits to Ante-natal Cases.....	172
„ Children, 1-5 years.....	2644
Attendances at Welfare Centre, Portwood.....	688

Great Portwood Street Maternity and Child Welfare Centre.

During the year valuable work has continued to be carried out at the Great Portwood Street Child Welfare Centre.

The following is a summary of the work :—

Total attendances.....	11139
Number entered.....	460
Medical consultations.....	3267
Total weighings.....	6480

Rachitic children receive special attention in the way of massage, and the advice given to the mothers is proving extremely valuable; many mothers show great ignorance in the elementary principles of rearing their children, especially in the case of the first child.

It is gratifying to learn that the infantile mortality amongst the babies attending the Welfare Centres is only 30.4 per 1,000, which is practically one-third the rate for the Borough generally.

Mothers who attend the Centre regularly have the privilege of purchasing dried milk, and Virol when ordered, at a price considerably lower than the usual retail price.

During the year talks on various health matters were given by your Medical Staff to the mothers and were very much appreciated.

Very valuable voluntary assistance has been given by Dr. Slater who has taken charge of two clinics per week. By this arrangement medical consultations can be given on three afternoons weekly instead of on one afternoon only as was the case formerly. The thanks of the Committee are also due to the voluntary lady helpers who have again rendered valuable assistance in the work of the Centre.

School for Mothers and Babies Welcome.

The voluntary Welfare Organisation at Churchgate House, and the branch centre in connection with it at Reddish, have also done a large amount of excellent child welfare work during the year.

The following is a summary of the work done at these Centres:—

	Churchgate House.		Reddish.
New children attended.....	277	..	69
Total number of weighings.....	5092	..	973
Number of medical consultations....	2625	..	501

Arising out of a Circular from the Ministry of Health recommending a contribution from the Local Authority to Voluntary Centres which co-operate with Municipal schemes, the Maternity and Child Welfare Committee grant £100 each year towards the cost of administration of Churchgate House.

Borough Maternity Home—"Glebe House."

During the year 192 cases were admitted, being practically the same number as that treated in the previous year.

The average stay of each patient was fourteen days.

No maternal deaths occurred in the Home during the year.

During the year the Home was approved by the Central Midwives Board as a Training School for Midwives. The lectures are taken at the St. Mary's Hospital, Manchester, and arrangements have been made with Mrs. Barr (Certified Midwife) to give the pupils the district training required by the Central Midwives Board.

The accommodation at "Glebe House" proving inadequate for the cases requiring admission, the Corporation have completed the purchase of Mile End Hall estate, the premises of which will be utilised as a Maternity Home. They are conveniently situated close to the tram route and stand in one of the most healthy parts of the Borough. There will be accommodation at the new Home, when the necessary alterations have been carried out, for fifteen patients.

The work carried out by the Matron and Staff during the year has been satisfactory.

Milk (Mothers and Children) Order, 1919.—The cases dealt with together with the cost are as follows:—

DRIED MILK.

Number of cases dealt with.....	135
Quantity supplied :—	
Free.....	3181 lbs.
Half-cost-price.....	630 „
Total cost.....	£216 4s. 10d.

In addition 6678 lbs. of Dried Milk were supplied at cost-price, which is considerably lower than that at which it may be obtained elsewhere.

Supervision of Midwives.

During the year 47 Midwives gave notice of their intention to practise within the Borough. These include 11 at the Union Hospital, 1 at the Union Workhouse, 7 at the Municipal Maternity Home. 4 Midwives reside outside the Borough but as they attended certain cases within the Borough they were requested to give notice of their intention to practise within the Borough.

The qualification of the Midwives who practise in the Borough are as follows:—

Possessing Certificates from the Obstetrical Society of London.....	1
Possessing Certificates from a recognised Hospital....	3
Having passed the examination of the Central Midwives' Board.....	34
Enrolled by virtue of having been in bona-fide practice as Midwives a year prior to the passing of the Act..	9
Total.....	47

The extent of their practice may be seen from the following numbers:—

Number of cases attended by Midwives alone.....	1278
Number of cases attended by Midwives together with a Doctor.....	622

During the year 3 midwives attended more than 100 cases alone, and 4 midwives attended more than 100 cases each, in some of which a Medical man was also in attendance. 11 Midwives did not attend any cases except in co-operation with a Doctor.

In every case of difficulty the Midwife must summon medical assistance and notify the Medical Officer of Health that this has been done.

During the year the number of notifications of sending for medical assistance and the conditions for which help was required was as follows:—

Post-partum Hæmorrhage....	3	Condition of Mother.....	14
Ante-partum Hæmorrhage...	6	Skin Disease.....	5
Adherent Placenta.....	15	Condition of Eyes.....	27
Placenta Prævia.....	3	Rise of Temperature.....	13
Abnormal Labour.....	5	Abortion.....	12
Delayed Labour.....	26	Uterine Inertia.....	9
Obstructed Labour.....	37	Premature Birth.....	10
Ruptured Perineum.....	65	Still-birth.....	4
Contracted Pelvis.....	7		—
Mal-presentation.....	27	Total.....	330
Condition of Child.....	42		—

In accordance with the regulations of the Central Midwives' Board the following notices have also been received from the Midwives:—

Artificial Feeding.....	10
Still-births.....	42
Deaths occurring in practice.....	5
Liability to be a source of infection.....	2
Having laid out a dead body.....	9

There has been an increase in the number of cases in which Midwives have sought medical aid, owing to complications arising, in connection with the confinements they attended, 330 calls on medical men being made during the year as compared with 313 calls in the previous year. 171 accounts have been rendered by the Doctors in respect of these services amounting to £249 0s. 6d. During the year £48 16s. 6d. has been recovered from patients for whom the medical services were provided.

Professional Nursing.

THE STOCKPORT SICK POOR AND PRIVATE NURSING ASSOCIATION.—(President, Sir Thomas Rowbotham, J.P.). The Headquarters of the District Nursing Department of this Association is known as the Barnsley Home for Nurses, and is situated in Greek Street, Stockport. The Staff consists of one matron and seven nurses. The nursing of all classes of sickness is undertaken, including measles, summer diarrhoea and puerperal fever—with the exception of the ordinary infectious diseases like Scarlet Fever, Diphtheria, etc. Arrangements have been made with the Stockport Insurance Committee for the nursing of sick insured persons approved of by the Committee, at the rate of 1/- per visit.

In connection with the Stockport Sick Poor and Private Nursing Association there is the Annie Walthew Nursing Home, Meadow Bank, Didsbury Road, Stockport, which accommodates maternity, surgical and medical cases.

CLINICS AND TREATMENT CENTRES.

Name and Situation.	By whom provided.
Maternity and Child Welfare Centre, 125 Great Portwood Street, Stockport.	Town Council.
School for Mothers and Babies' Welcome Churchgate House, Stockport.	Stockport School for Mothers and Babies' Welcome.
Branch : Bangor Street, South Reddish.	
Central School Clinic, 108, Wellington Road South, Stockport.	Town Council.
Branch Clinic at Reddish.	"
Tuberculosis Dispensary, Great Egerton Street, Stockport.	"
Venereal Diseases Treatment Centre, Great Egerton Street, Stockport.	"

HOSPITALS.

Name of Hospital.	Nature of Accommodation.
<i>Under Corporation Control.</i>	
Infectious Diseases Hospital, Dialstone Lane, Stockport.	70 beds for Scarlet Fever, Diphtheria and Typhoid Fever Cases.
Tuberculosis Hospital, Whitehill, South Reddish.	26 beds for Phthisis cases.
" Glebe House," Maternity Home, Hall Street, Stockport.	8 beds.
<i>Under Voluntary Control.</i>	
Stockport Infirmary.	129 beds (General).
Annie Walthew Nursing Home, Meadow Bank, Didsbury Road, Stockport.	9 beds (Maternity, Surgical and Medical).
House of Refuge for Rescue and Preventive Cases, 91, Chatham Street, Stockport.	5 beds.
<i>Under Board of Guardians' Control.</i>	
Poor Law Infirmary, Stepping Hill, Stockport.	450 beds (General and Tuberculosis).

Four beds for Smallpox are retained by the Stockport Corporation at the Hyde Infectious Diseases Hospital. If an epidemic of Smallpox did occur in the Borough the tuberculosis patients would be transferred from Whitehill Hospital and that Institution would be used for the treatment of the Smallpox patients.

Institutional Provision for Unmarried Mothers, &c.

HOUSE OF REFUGE.—This Home, which is situated in Chatham Street, Stockport, deals with unmarried mothers and others which are brought to the notice of the officers of the Institution either by the Poor Law Authorities or from private sources.

STOCKPORT POLICE AID ASSOCIATION.—The object of this Association is to provide necessitous children with clothing. The Maternity and Child Welfare Committee have placed at the Association's disposal the Great Portwood Street Maternity and Child Welfare Centre which is used occasionally for the storage and the distribution of the clothing.

BARNES' HOME INDUSTRIAL SCHOOL.—The situation of this Industrial School for Boys is in the Heaton Mersey portion of the Borough.

ALICE BRIGGS HOME (OPEN-AIR SCHOOL).—This Home, which is in close proximity to the Barnes' Home Industrial School, is entirely under the control of the Manchester Corporation.

COTTAGE HOMES.—Various homes for destitute children are provided by the Stockport Board of Guardians.

Ambulance Arrangements.

The Borough is well provided with ambulances, the Corporation having at their disposal four motor ambulances and one horse ambulance, and the Poor Law Guardians one motor ambulance.

INFECTIOUS CASES.—Two of the motor ambulances belonging to the Corporation are stationed at the Infectious Diseases Hospital and are used solely for the removal of infectious cases and bedding.

NON-INFECTIOUS CASES AND ACCIDENT CASES.—The three other Corporation ambulances, namely, two motor ambulances and one horse ambulance, are stationed at the Fire Station and are available for accident cases and for the removal of patients to Hospital in emergencies. In the latter cases a fee is charged which can be remitted with the sanction of the Watch Committee if the patient is not in a position to pay. The motor ambulance provided by the Poor Law Authorities is used in connection with the conveyance of patients to the Stepping Hill Poor Law Hospital.

Isolation Hospital.

In the following table is set forth the number of cases treated in your Isolation Hospital and the result of such treatment :—

<i>Name of Disease.</i>	<i>In Hospital 1st Jan., 1924</i>	<i>Admitted.</i>	<i>Recovered and Discharged</i>	<i>Died.</i>	<i>In Hospital 31st Dec., 1924</i>
Scarlet Fever...	57	281	271	5	62
Typhoid Fever .	—	4	2	2	—
Diphtheria.....	7	48	43	5	7
Encephalitis Lethargica..	—	2	2	—	—
Other Causes....	—	—	—	—	—
Totals.....	64	335	318	12	69

During the year 6,800 articles have been disinfected by steam at the Hospital.

The Matron and Staff have carried out their duties during the year in a thoroughly satisfactory manner, and as in previous years the duties of Deputy Medical Superintendent were performed by Dr. James Worthington.

Accommodation of Smallpox.

The Stockport Corporation still continue the agreement with Hyde Corporation whereby 4 beds are retained at the Hyde Smallpox Hospital for the isolation and treatment of cases occurring in Stockport.

Paving, Sewering, &c.

I am indebted to the Borough Surveyor for a statement giving the amount of paving, sewerage, etc., carried out by his Department during the year under review :—

- 1.—No back passages were paved and sewered.
- 2.—Length of sewers laid—3,238 lineal yards.
- 3.—No vertical shaft ventilators were closed.
- 4.—No surface sewer ventilators were closed.
- 5.—Lineal yards of old sewers taken up and relaid—58.
- 6.—No cellar dwellings were closed for purposes of street improvements.
- 7.—No houses were demolished for purposes of street improvements.
- 8.—260 water closets erected in connection with new buildings.
- 9.—241 houses were built during the year.
- 10.—351 Houses in course of erection at the end of the year.

A new scheme for dealing with the sewage of the Borough is now in course of construction. The new plant has been designed to deal with six million gallons per day, and consists of detritus tanks, equalising tanks, precipitation tanks, bio-aeration tanks, and pyramidal final settlement tanks. The Heaton Norris Works are to be connected up to the Cheadle Heath Works, the whole of the sewage of the County Borough of Stockport thus being treated at the Cheadle Heath Works. It is intended that a more detailed description will be given when the works are completed. (I am indebted to the Borough Surveyor (H. Hamer, Esq.) for the above particulars.)

Bacteriological Examinations.

During the year 156 specimens have been forwarded to the Public Health Laboratory, Manchester, for examination. Of these 12 were from suspected typhoid fever cases, 137 from doubtful diphtheria cases, and 7 from Bovine Tuberculosis Milk.

The results obtained on such bacteriological examinations are given in the accompanying table :—

	<i>Total.</i>	<i>Positive.</i>
Typhoid.....	12	.. —
Diphtheria.....	137	.. 14
Bovine Tuberculosis Milk.....	7	.. —
Totals.....	156	.. 14

In addition 6 other Investigations were made.

The examination of sputa in suspected cases of phthisis is carried out at the Tuberculosis Dispensary, 325 examinations being carried out there during 1924.

CASES TREATED FROM 1905 TO 1924 INCLUSIVE, IN THE ISOLATION HOSPITAL.

	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924
Smallpox.....	1	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet Fever....	120	81	265	386	438	175	150	199	132	374	626	355	92	146	314	597	365	184	187	338
Typhus.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enteric.....	23	23	18	18	14	8	7	6	21	17	23	15	24	17	11	3	2	5	1	4
Dipntheria.....	2	0	5	3	7	14	14	17	44	27	57	55	26	69	73	167	145	112	99	55
Other Diseases...	1	1	0	1	0	0	0	1	1	0	3	7	13	2	3	0	0	3	0	2
Totals.....	147	105	289	409	461	197	171	223	198	418	709	432	155	234	401	767	512	304	287	399

Local Powers relating to Public Health.

1) ACTS OF PARLIAMENT ADOPTED BY THE COUNCIL.

Infectious Diseases (Notification) Act, 1889.
Infectious Disease (Prevention) Act, 1890.
Housing of the Working Classes, 1890.
Public Health Acts Amendment Act, 1890.
Baths and Washhouses Acts, 1846 to 1899.
Notification of Births Act, 1907.

2) LOCAL ACTS AND ORDERS.

Stockport Corporation Act, 1899.
Stockport Corporation Act, 1905.

3) BYELAWS AND REGULATIONS IN FORCE IN THE BOROUGH.

Regulations under the Contagious Diseases (Animals) Act, 1886.
and the Dairies, and Cowsheds Milkshops Order, 1885.
Prevention of Nuisances, 1865.
Cleansing Footways, Privies, etc., 1865.
Regulation of Public Baths, 1886.
Common Lodging Houses, 1900
Houses let in Lodgings, 1900.
Tents, Vans, etc., used for Human Habitation, 1902.
For the good rule and government of the Borough, and for the
prevention of nuisances, 1903.
Rules and Regulations re Corporation Hospitals, 1904.
Slaughter Houses, 1906.
New Streets and Buildings, 1913.

**WEEKLY MEANS OF OBSERVATIONS AT THE BOROUGH
METEOROLOGICAL OBSERVATORY, STOCKPORT.**

Latitude 53° 24' 12" N.

Longitude 2° 9' 14" W.

Cistern of Barometer 261-56 feet and top of Raingauge 231.79 feet above
Mean Sea-level.

1924.	Thermometers.		Average daily Rain- fall.	1924.	Thermometers.		Average daily Rain- fall.
	Underground.				Underground.		
	1 Foot.	4 Feet.			1 Foot.	4 Feet.	
1st week	39.3	40.5	.13	27th week	57.0	56.5	.09
2nd "	34.6	40.3	.14	28th "	58.6	56.0	.02
3rd "	37.5	39.8	.07	29th "	59.6	57.0	.12
4th "	39.3	40.5	.09	30th "	57.2	56.8	.21
5th "	39.8	41.0	.03	31st "	57.3	56.0	.16
6th "	41.3	41.6	.02	32nd "	56.2	56.0	.13
7th "	37.3	41.6	.04	33rd "	57.3	56.0	.10
8th "	35.2	40.2	.01	34th "	54.3	55.3	.29
9th "	34.3	39.2	.07	35th "	54.2	54.6	.19
10th "	33.6	38.2	.04	36th "	56.0	55.0	.02
11th "	33.8	38.0	—	37th "	54.8	55.0	.19
12th "	34.2	38.0	—	38th "	53.6	54.3	.07
13th "	39.0	39.3	.07	39th "	50.8	54.0	.12
14th "	37.3	40.0	—	40th "	50.0	52.6	.05
15th "	39.2	40.6	.03	41st "	48.5	51.5	.17
16th "	40.0	40.8	.06	42nd "	49.0	51.0	.10
17th "	45.6	42.6	.08	43rd "	45.3	50.8	.14
18th "	46.5	44.5	.11	44th "	47.2	49.0	.27
19th "	45.3	45.0	.29	45th "	41.6	48.3	.02
20th "	50.6	46.6	.08	46th "	43.6	47.0	.03
21st "	53.7	48.8	.12	47th "	40.3	45.8	.03
22nd "	54.0	50.2	.21	48th "	44.2	46.3	.07
23rd "	53.2	51.2	.09	49th "	43.6	46.0	.13
24th "	54.8	52.2	.14	50th "	44.5	46.0	.03
25th "	57.8	53.3	.02	51st "	43.0	45.0	.06
26th "	59.3	54.3	.01	52nd "	43.2	46.0	.14

Housing.

GENERAL HOUSING CONDITIONS.—The approximate number of houses in the Borough at the end of the year was 31,000.

With the present population of 126,000 the average number of persons per house in the Borough is 4.06.

Below is a detailed statement of the work carried out during the year :—

Number of Dwelling-houses inspected.....	1862
„ Dwelling-houses inspected and recorded under the Housing (Inspection of District) Regulations, 1910..	2077
„ Houses dealt with by the Housing Committee.....	58
„ Houses represented not reasonably fit for habitation..	55
„ Closing Orders made.....	1
„ Houses closed voluntarily.....	5
„ Demolition Orders.....	—
„ Houses demolished voluntarily.....	7
„ Back-to-back Houses made through.....	2
„ Closing Orders determined.....	—
„ Houses repaired without notice.....	1401
„ Actions taken under Section 28.	57
„ Repairs executed under Section 28.....	49
„ Preliminary Notices served.....	616
„ Houses repaired after preliminary notice.....	739
„ Visits made by Inspector during progress of works....	6800
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The following is a list of the names of the persons who have been admitted to the membership of the Association since the last meeting of the Association.

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