# [Report 1946] / Medical Officer of Health, Stockport County Borough.

# **Contributors**

Stockport (England). County Borough Council.

# **Publication/Creation**

1946

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# COUNTY BOROUGH OF STOCKPORT



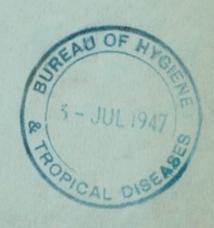
# NNUAL REPORT

of the

MEDICAL OFFICER
OF HEALTH

J. YULE, M.D., D.P.H.

1946







# Annual Report

ON THE

# Health

OF THE

County Borough of Stockport For the Year 1946.

J. YULE, M.D., D.P.H. Medical Officer of Health.

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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 to you the Report on the health of the Borough during the year, 1946. The report has again been markedly curtailed to conform with the desire of the Ministry of Health. However, all the essential statistics necessary for the complete continuity of the records of the Borough are included.

- (1) The Registrar-General's estimated civilian population for the Borough at mid-year 1946, is 137,680 as against the figure of 129,280 for the previous year, an increase of 8,400. This figure is based primarily on the National Register enumeration taken at the end of September, 1939, adjusted for the subsequent movement of population derived from that Register. Non-civilians (i.e., Stockport inhabitants serving with His Majesty's Forces) are excluded from this estimate.
- (2) The Birth Rate (19.49) is the highest recorded in the Borough since 1921, and compares very favourably with the average (15.41) for the previous 10 years, and also with the rate of 19.10 for England and Wales for 1946.
- (3) The Death Rate (13.12) compares with 13.46 for the previous year.
- (4) The Infant Mortality Rate (51.43) is the lowest ever recorded in the Borough and compares very favourably with 68.53 for the previous year The previous lowest rate for the Borough was 54.63 in 1934.
- (5) The Maternal Mortality Rate of 1.08 per 1,000 Total Births is the lowest ever recorded in the Borough, and compares very favourably with 2.70 in the previous year. 3 deaths occurred in connection with 2,790 live and still births.
- (6) There is a reduction in the Death Rate from Tuberculosis of the Lungs 0.39 as against 0.49 for 1945, and also a reduction in the rate of other Tubercular Diseases, 0.04 as against 0.06 for 1945. Both these rates are the lowest ever recorded in the Borough.

# Infectious Diseases.

One of the outstanding features of the year has been the still further reduction in the incidence of Diphtheria, which dropped to 25 cases (with one death), a very gratifying record, compared with 92 cases in 1945, and 154 in 1944. This is, of course, undoubtedly due to the high percentage of children, both under School age (56.28%) and of School age (86.52%), immunised.

The number of notifications of Scarlet Fever cases was 122 as against 367 in the previous year, whilst Measles decreased from 1,246 to 756 cases.

# Headlice.

It will be observed on Page 50 that there have been very few cases of verminous heads in the Pre-School Child.

Arrangements for treatment are detailed in the body of the Report

### Scabies.

The treatment of Scabies was continued at the Decontamination Centre, St. Saviour's First Aid Post, which reverted to a Child Welfare Centre from 1st July, 1946. It is satisfactory to record the continued decline of cases requiring treatment.

# Venereal Diseases.

As an aftermath of War there has been an increase in the incidence of Venereal Diseases during the year. Attempts have been made, both by propaganda and the provision of an additional session, established in 1943, for female patients, to combat this serious menace.

# Pathological Laboratory.

The Municipal Laboratory which was established at Stepping Hill Hospital in 1943, is now functioning to full capacity and is proving a huge success from every point of view.

Details of the work done are shown on Page 18.

# War-Time Nurseries.

The six Nurseries (giving accommodation for 372 children) ran smoothly and to full capacity during the year. The Education Committee became responsible for the administration of the Nurseries, apart from Daw Bank Nursery, from the 1st April, 1946.

# Staff.

I wish to place on record my thanks to the Staff of the various branches of the Public Health Department for their continued loyal assistance and response to all demands made upon them.

I am deeply grateful to the various Committees for their consideration and encouragement at all times.

I have the honour to be, Your obedient Servant,

> J. YULE, Medical Officer of Health.

Public Health Department, Town Hall, Stockport. May, 1947.

# COUNTY BOROUGH OF STOCKPORT.

# Statistical Memorandum.

Statistical	Memor	randum.		
			126 County	
		England	Boroughs	148
8	Stockport.	and	& Great	Smaller
Banulation (Concus 1021)	105 400	Wales.	Towns.	Towns.
Population (Census 1931) Estimated Civilian Populat'n, Mid-year	125,490	_	-	_
Area in Acres	137,680 7967	_	_	
Birth Rate per 1,000	19.49	19.1	22.2	21.3
Do. do. average for five years, 1941-	13.43	13.1	22.2	21.3
1945	16.65		_	_
Still-birth Rate per 1,000 population.	0.78	0.53	0.67	0.59
Do. do. average for five years, 1941-				
1945	0.60	_	_	-
General Death Rate per 1,000	13.12	11.5	12.7	11.7
Do. do. average for five years, 1941-	12 60			
Infantile Death Rate per 1,000 Births	13.69 51.43	43.0	46.0	27.0
Do. do. average for five years, 1941-	01.40	43.0	40.0	37.0
1945	68.88	_	_	_
Death Rate from Seven Principal				
Zymotic Diseases	0.03	-	_	_
Death Rate from Phthisis (Pulmonary				
Consumption) per 1,000	0.39	-	-	-
Death Rate from all other Tubercular Diseases	0.04			
	1000	_		Charles .
Statistics and Social	Conditi	ions of th	e Area.	
Area (in acres)			.c I AL CUI	
Registrar-General's estimate of resident	civilian no	pulation 10	40	7,967
Number of inhabited houses (31st Marc	ch. 1946) a	ecording to	rate books	137,680 41,623
Rateable Value (April, 1946)				£945 500
Sum represented by a penny rate			££	3,776/2/11
Extracts from vital statistics for the	vear :			
Total,		F.		
Live Births: Legitimate 2504	1323	1181) Birth	Rate per 1.0	000 of the
		estin	nated reside	ent popu-
Illegitimate 179		93 latic	on, (137,680)	19.49.
Stillbirths 107	52	55 Rate	per 1,000 to	tal births
Deaths	007	899 Death	and stillbirt	hs), 38.35
	907	ogtin	Rate per 1,0 nated reside	ont popul
		latio	n (137.680)	13.12
Deaths from diseases and accidents of	pregnancy	and childbir	th :	
			Rate per	1000 total :
From Sepsis			No. (live a d	still) births
,, other causes				).72
		-		
Total			3	1.08
Death Rate of Infants under one year	of age.	-		_
All Infants per 1,000 live births	or age :-			51 40
Legitimate infants per 1,000 legitim	ate live bi	rths		51.43 48.72
Illegitimate infants per 1,000 illegit	imate live	births		89.39
Deaths from Cancer (all ages)				256
,, Measies (all ages)				4
", Whooping Cough (all ages)				9
Illarrhoon (under 9 weers				3
" Diarrhoea (under 2 years o	of age)	• • • • • • • • • • • • •		29

# COMPARATIVE STATEMENT OF VITAL STATISTICS.

YEAR 1946.

Tail San Tail	ate.	Rate.	Mor	intile tality ate.	Rate thisis.	Rate other seases.	1	Materne Rate (pe Live &	r 1000	Tota	
	Birth Rate.	Death Rate.	Year 1946.	Average 5 years 1941-45	Death Rate from Phthisis.	Death Rate from other Tub. Diseases.	(140) Abortion with Sepsis	(141) Abortion without Sepsis	(147) Puerperal Infections	(142-6) (148-150) Other	
England & Wales	19.1	11.5	43	50	٠	*	0.13	0.06	0.18	1.06	1
126 GREAT TOWNS	22.2	12.7	46	59		•		•	*	*	-
Birkenhead	23.5	13.7	67	76	0.86	0.08			0.6	0.9	1.
Burnley	19.24	14.61	44.63	59.51	0.43	0.16				0.61	0
Bury	18.36	14.50	58	49	0.34	0.04			0.95	0.95	1.
Halifax	18.6	14.4	31.01	50	0.37	0.06				1.1	1
Huddersfield.	18.74	14.67	50	63	0.49	0.06				0.85	0.
Liverpool	25.2	13.2	74	78	0.79	0.11			0.10	0.89	0.
Manchester	20.89	13.52	63.71	63.85	0.69	0.10	0.28		0.07	1.25	1.
Oldham	18.34	14.56	43.15	59.01	0.45	0.06	0.46			1.37	1.
Preston	20.86	12.61	56	60.6	0.46	0.09				1.68	1.
Rochdale	17.8	14.9	49	55	0.36	0.12				3.17	3
Salford	22.7	13.3	53	73	0.80	0.05			0.25	2.53	2
St. Helens	22.2	11.0	59.9	65.2	4.58	0.38			0.415	0.415	0
Stockport	19.49	13.12	51.43	68.88	0.39	0.04	0.36		0.72	1100	1.
Wallasey	21.37	12.55	42.2	55.0	0.57	0.09				0.01	0
Wigan	20.16	11.55	52	71	0.43	0.04		••	0.57	2.87	3

<sup>\*</sup> Not available.

# Population.

The Registrar-General's estimate of the civilian population for the Borough at mid-year, 1946, is 137,680, an increase of 8,400 on the previous year. This figure is based primarily on the National Register enumeration taken at the end of September, 1939, adjusted for the subsequent movement of population derived from that Register. Non-Civilians (i.e., Stockport inhabitants serving with His Majesty's Forces) are excluded from this estimate.

### Births.

The corrected number of births registered for the Borough during 1946, was 2,683, of which 1,409 were males and 1,274 females. The birth-rate per thousand of the population was equal to 19.49, and is the highest birth rate recorded in the borough since 1921, the figure for 1945, being 16.59. In 1945, there were 2,145 births—1,053 males, 1092, females.

The Birth Rate for the country as a whole was 19.1.

# Deaths.

The corrected number of deaths recorded during 1946, was 1,806, namely, 907 males and 899 females. The death-rate per thousand of the estimated population was 13.12, as compared with 13.46 in 1945.

The Rate for England and Wales was 11.5.

More detailed information and certain comparative rates of other similar towns are shown in the tables on pages 3-6-10.

		1946	1945
Th	e chief causes of Death were :-		
	Heart Disease	547	 463
	Other Circulatory Diseases	51	 45
	Cancer, Malignant Disease	256	 286
	Pneumonia (all forms)	78	 69
	Tuberculosis (all forms)	60	 72
	Kidney Disease	39	 38
	Intracranial Vascular Lesions	220	 183
	Bronchitis	116	 123
	Influenza	13	 3
Th	ere were also the following deaths from	:	
	Suicide	18	 12
	Other Violence	41	 45

The Zymotic Death Rate for the whole Borough was 0.03.

The Death Rate from Pulmonary Tuberculosis, or consumption of the lungs, for the whole of the Borough was 0.39 per 1,000 of the population (and is the lowest ever recorded in the borough), as compared with 0.49 for 1945, and the total number of deaths recorded was 54, as compared with 64 for 1945.

The number of deaths of children under one year of age was 138, giving an Infant Mortality Rate for 1946 of 51.43, compared with 147 deaths for 1945, with a Rate of 68.53. The Rate for 1946, for England and Wales was 43, and for the County Boroughs and Great Towns 46.

# Illegitimacy.

During the year there were 179 illegitimate births recorded by the Registrar-General as belonging to the Borough, as compared with 190 il 1945. This gives an illegitimate birth rate of 66.72 per thousand total livibirths, as compared with 88.57 in 1945.

The infant mortality rate amongst illegitimate children was 89.39 per thousand illegitimate births.

The following table shows the comparison between the death rates confidential illegitimate children and others registered in the Borough during the pass few years:—

	Esti-	Bi	rths.			Total deaths	Infant mor-	Deaths of illegiti-	Illegiti mate infant mortalit
Year	popula- tion.	Legit- imate		to 1000 pop l'n	to 1000 births		tality per 1000 births.	mates under 1 year	per 100 illegiti mate births.
1934	128050	1666	73	0.57	41.98	95	54.63	6	82.2
1935	130600	1609	80	0.61	47.37	97	57.43	3	37.8
1936	131807	1718	81	0.61	45.03	136	75.60	9	111.1
1937	133700	1805	85	0.64	44.97	107	56.61	3	35.2
1938	134800	1866	68	0.50	35.16	109	56.36	9	132.3
1939	135600	1832	83	0.61	43.34	134	69.97	13	156.6
1940	132600	1841	91	0.69	47.10	117	60.25	9	98.9
1941	131310	1773	86	0.66	46.26	141	75.32	10	114.9
1942	128900	2026	112	0.87	52.39	144	67.35	9	80.3
1943	127200	2078	123	0.97	55.84	143	64.97	16	130.0
1944	129050	2271	132	1.02	54.93	164	68.25	17	128.7
1945	129280	1955	190	1.47	88.57	147	68.53		84.2
1946	137680	2504	179	1.30	66.72	138	51.43		89.:

(Private families or separate occupiers: 33,760.

VITAL STATISTICS OF WHOLE BOROUGH DURING 1946, AND PREVIOUS YEARS.

	Total		Віктия.		FOTAL DEATHS REGISTERED IN THE	FOTAL DEATHS	TRANSFERABLE DEATHS.	NSFERABLE DEATHS.	N Z	NETT DEATHS BELONG THE DISTRICT	DRATHS BELONGING TO THE DISTRICT.	•
YBAR.	Population estimated		Ne	Nett.	DISTRICT.	ICT.	N. J.	1-09	Under 1 Year of Age	tar of Age.	At al	At all Ages.
	each Year.	Corrected Number.	Number.	Rate.	Number.	Rate.	registered in the District.	dents not registered in the District.	Number.	Rate per 1000 Nett Births.	Number.	Rate
1	64	80	+	9	8	7	80	6	10	11	12	18
1936	131,807	1940	1799	13.65	1907	14.46	294	121	136	76	1734	13.16
1937	133,700	2124	1890	14.14	2084	15.59	332	112	107	57	1864	13.94
1938	134,800	2184	1934	14.35	1989	14.75	337	105	109	99	1757	13.03
1939	135,200†	2223	1915	14.12	2047	15.14	348	134	134	70	1833	13.56
1940	132,600	2250	1932	14.57	2289	17.26	386	120	111	09	2026	15.28
1941	131,310	2217	1859	14.16	2154	16.40	399	111	141	75	1862	14.18
1942	128,900	2405	2138	16.59	1908	14.80	341	104	144	67	1671	12.96
1943	127,200	2407	2201	17.30	2029	15.95	371	123	143	65	1781	14.00
1944	129,060	2676	2403	18.62	1997	15.47	333	125	164	89	1789	13.86
1945	129,280	2415	2145	16.59	2019	15.61	385	108	147	89	1741	13.46
1946	137,680	2880	2683	19.49	2039	14.81	371	136	138	51	1806	13.12

<sup>\*</sup> Estimated population for Birth Rate Calculations. † Estimated population for Death Rate Calculations.

BIRTH RATE, DEATH RATE, INFANT MORTALITY RATE, AND ZYMOTIC DEATH RATE (1917-1946).

Year.	Birth-rate	Death-rate.	Infant Mortality.	Zymotic Death-rate
1917	15.17	13.18	96	0.54
1918	13.84	18.29	112	0.69
1919	15.05	13.33	98	0.32
1920	22.20	12.87	97	0.88
1921	20.43	12.16	91	0.53
1922	17.42	13.37	77	0.53
1923	17.63	12.66	92	0.35
1924	16.37	13.86	87	0.51
1925	16.51	13.94	97	0.49
1926	16.06	12.78	82	0.40
1927	14.66	12.54	77	0.26
1928	14.32	12.79	77	0.31
1929	13.30	13.87	92	0.23
1930	13.79	12.02	57	0.39
1931	13.60	13.85	79	0.27
1932	12.66	12.72	71	0.45
1933	12.23	13.83	83	0.31
1934	13.58	11.85	55	0.23
1935	12.93	11.97	57	0.24
1936	13.65	13.16	76	0.35
1937	14.14	13.94	57	0.12
1938	14.35	13.03	56	0.32
1939	14.12	13.56	70	0.26
1940	14.57	15.28	60	0.26
1941	14.16	14.18	75	0.44
1942	16.59	12.96	67	0.40
1943	17.30	14.00	64	0.25
1944	18.62	13.86	68	0.32
1945	16.59	13.46	68	0.43
1946	19.49	13.12	51	0.03

# CAUSES OF DEATH AT DIFFERENT PERIODS OF LIFE IN THE COUNTY BOROUGH OF STOCKPORT, 1946.

		_			10000	-		
Causes of Death.	Sex.	0	1—	5—	15—	45	65	Total
Typhoid & Paratyphoid Fevers.								
Cerebro-Spinal Fever	F. M.							
Scarlet Fever	F. M.				2		**	2
Whooping Cough	F. M.	i				::		·i
Diphtheria	F. M.		2					2
	F. M.	2			10	20		37
Tuberculosis of Respiratory System	F.		i	2	9	3	5 2	17
Other Forms of Tuberculosis	M. F.	1	::	i	1 2			2 4
Syphilitio Diseases	M. F.			**		3 6	3 2	6 8
Influenza	M. F.	i			1	1 4	1 5	3
Measles	M.			i	.;			1
Acute Poliomyelitis & Polio-	F. M.	1	1	::	1			3
encephalitis	F. M.	1						1
Cancer of Buccal Cavity &	F. M.					2	8	2 8
Oesophagus-Uterus (F) Cancer of Stomach & Duodenum	F. M.				2	6 18	4 16	12 35
	F. M.				2	3	17	22
Cancer of Breast	F.				3	8	10	21
Cancer of all other sites	M. F.	::	::	2	6 2	22	38	94 64
Diabetes	M. F.	::	::				6	6
Intracranial Vascular Lesions	M. F.					31 35	62 90	93 127
Heart Disease	M. F.		::	1	14	71 46	170 235	256 291
Other Diseases of Circulatory	M.	::	::	5.		6	22	28
System	F. M.			::	5	31	20 33	69 69
Pneumonia	F. M.	14	3	::	4	11	35 11	47
Other Respiratory Diseases	F. M.	12	1		3 2	8	11 3	35 11
Ulcer of Stomach or Duodenum	F.	1			3	3 7	4 4	8
	F.			::	1		1	2 20
Diarrhoea under 2 years	F.	20 9	::		::		::	9
Appendicitis	F.	::	::	::			4	4

Diarrhoes at ages 2 years and over are included under No. 27 Other digestive diseases.

# CAUSES OF DEATH AT DIFFERENT PERIODS OF LIFE IN THE COUNTY BOROUGH OF STOCKPORT, 1946—Continued.

Causes of Death.	Sex.	0	1—	5—	15	45—	65—	Tot
27. Other Digestive Diseases	M.	2	1	**	2 3	8 7	6	19
28. Nephritis	F. M.	::		1	2	8	9	20
29. Puer. & Post-abort. Sepsis	F. M.	::			**	7	11	18
30. Other Maternal Causes	F. M.	::	::		2	en en en		
31. Premature Birth	F. M.	19			1			1
32. Congenital Malformations,	F. M.	8 19	2	i	i			2
Injury at Birth, etc	F. M.	18			7	4	2	1:
34. Road Traffic Accidents	F. M.	::		2	3	2		
35. Other Violent Causes	F. M.	ï	3	2	i	1	2	10
36. All Other Causes	F. M. F.	3 2	2 2 1	1 3 2	6 7	11 9	12 46 63	1: 7: 8:
All Causes	М.	82	14	10	69	281	451	90
in oddoon in the control of the cont	F.	56	8	12	54	189	580	891

\*Under 1 year  $\begin{cases} & \text{Legit.} & \text{Illegit.} \\ & \text{M...} & 73 & ... & 9 \\ & \text{F...} & 49 & ... & 7 \\ \hline & 122 & & 16 \end{cases}$ 

# General Provision of Health Services for the Area.

- 1. (i) (a) Laboratory facilities. See pages 17-18.
  - (b) Ambulance facilities.—No Change.
  - (c) Nursing in the Home.—No Change.
  - (d) Clinics and Treatment Centres.—No Change.
  - (e) Hospitals—Public and Voluntary. No Change.

# STEPPING HILL HOSPITAL.

The admissions numbered 6,186.

The average daily number in Hospital was 385.5, the highest on any one day being 433 on 11th January, 1946, the lowest being 326 on 18th August, 1946, as compared with 1945, during which the average daily number in Hospital was 404.4, the highest on any one day being 459, the lowest being 350.

Deaths. The number of deaths was 540. The figure for 1945 was 598.

Surgical Operations. The total number of operations performed was 1,653 and the number of abdominal sections was 432.

Dental Operations, 47.

# E.M.S. Cases from 1st January, 1946 to 31st December, 1946.

	Remaining	Admis	- Dis-		Remain-
	Dec. 1945				
British Soldiers (Serving)	1	7	7	-	1
", ", on Demob. leav		7	7	-	-
,, ,, Class B release		1	1	-	-
Canadian ,, (Serving)		1	1	-	-
Royal Navy ,,		5	5	-	-
" " on Demob. lea		1	1	-	-
Fleet Air Arm (Serving)		1	1	_	-
Womens Services. W.A.A.F.		2	3	-	-
,, ,, A.T.S		1	_	1	-
Ministry of Pensions Cases		20	12	-	12
London Evacuees from Bille					
(Woodville Hostel, Marple)		1	-	1	1
E.M.S. Infant Births	1	-	1	-	-
1046 M-+-1-		45	90		14
1946 Totals	8	47	39	2	14

X-Ray Department. The number of X-ray examinations for 1946 was 3,760, as compared with 2,961 for 1945. The portable Electro-Cardiograph for taking tracings of the heart was utilised on 19 occasions.

Total number of Examinations	3760
Number of Plates	5408

Details of X-rays. Chest 2,349, Gastro-intestinal tract 137, Biliary tract 46, Urinary tract 78, Obstetric and Gynaecological 316, Central Nervous System 183, Bones and Joints 489, Teeth and Jaws 70, Nasal Sinuses and Mastoid 92.

Electrocardiograms 19.

Physiotherapy Department. Patients treated 763, Number of attendances 16,241.

Details of Attendances, etc. Sunlight 2,602, Massage and Exercises 5,601, Electrical 2,046, Maternity 5,982.

# INSTITUTIONAL TREATMENT OF THE SICK.

### STEPPING HILL HOSPITAL. SHAW HEATH INSTITUTION.

SHAW HEATH INSTITUTION.	
The area and the population served by the Institutions:—	
	,310
Hyde and Cheadle Guardians Area of the Cheshire County Council—	,010
	002
Population (Census, 1931)	,003
STAFFING :-	
Medical Superintendent: - William More, M.D., D.R.C.O.G. Resides at Stepping	Hill
Hospital. Whole-time officer.	
Stepping Hill Hospital. Shaw Heath Institu	tion.
Number of other Resident Medical Staff . 4 Nil.	
Number of Visiting Staff 10 2 from S.F	LH.
Specialised services supplied(a) Surgeon. Nil.	
(b) Obstetrician	
& Gynaecologist.	
(c) Orthopaedic Surgeon.	
(d) Radiologist.	
(e) Anaesthetist.	
(f) Visiting Physician	
(g) Tuberculosis Officer.	
(h) Aural Surgeon.	
(i) Ophthalmic Surgeon	
(j) Dental Surgeon.	
	TT T
Number of S.H.H.	H.I.
(a) Trained Nurses	. F.
(b) Student Nurses	
	2
(c) Assistant Nurses	
(d) Male Attendants — Assistant Nurses	36
(e) Nursing Auxiliaries	-

Table showing the classification of the accommodation for Sick, Maternity and Mental Cases and the number of beds occupied by civilian sick (exclusive of casualties due to enemy action, A.R.P. volunteers injured in the course of their duty and Service Sick) on the 31st December, 1946.

(f) Untrained, as Pupil Midwives.

# STEPPING HILL HOSPITAL.

Design of the last					BED	s.			
Classification of Wards.	No. of Wards	Mi	EN.	Wom	EN.	(under	oren. 16 yrs. age.)	To	tal.
(1)	(2)	Pro- vided (3)	Occu- pied (4)	Pro- vided (5)	Occu- pied (6)	Pro- vided (7)	Occu- pied (8)	Pro- vided (9)	Occu- pied (10)
Medical }	12	67 35	48 24	176 39	143 24	::		243 74	191 48
Chronie Siek Children	i	::	(In	cluded	in 1	and 2	above)	31	26
Tuberculosis Gynaecological	2 1	32	30	20 27	18 13	::	::	52 27	13
Maternity Unit Other	::			56	56			56	56
Total	16	134	102	318	254	31	26	483	382

Total does not include 52 babies in cots in the Maternity Wards. Surgical includes 10 Orthopaedic beds for men and 10 for women.

-					INST	BED				
Classificat of Ward	No. of Wards	Mi	EN.	Won	19931	CHILI (under	DREN. 16 yrs. age.)	Te	otal.	
(1)	Cuntil To	(2)	Pro- vided (3)	Occu- pied (4)	Pro- vided (5)	Occu- pied (6)	Pro- vided (7)	Occu- pied (8)	Pro- vided (9)	Occupied (10
Chronie Infir	m	21	173	131	132	121		*1	305	252
Isolation		1	4	1					4	
Mental Luna 1890		14	81	62	81	69	Hadin	*1	162	131
Total .		36	258	193	213	190		*2	471	383
* The numb two children for Included in	or whom the abo	no sej ve figu	parate : ires for	the pu	nodation rpose o	n is pro	vided.			
(a) Ma (b) Fer	are class Wards. le—obsenale—obsolation	rvation	ward ion war	(and 1	padded		i) .			Beds 23 21
	ard nfirm B Annexe		12	::-	• •			· manufi		100
First F	l Floor—l loor—l Infirm	Sick w	ard A	В	::	::				24 34
First F	loor—Si	ck war	d No. 5							10
11.	.—Statist				L HOS		Alle Marie Co	ber 19	46.	226
		A) IN-	PATIENT	rs (Ste	pping I	Hill Ho	spital.)	,		
2.	in hos Number	of won	nen con	fined in	n hospit	al		1	186 354	
4.	Number Number Number	of stil	l birth	s				1	295 74	
	under Total nu	four v	veeks o	f age) .					47	
	year (i Number	of r	ng thos naterna	e given	under i	five)	women		64	
8. 9.	Total nu	ımber umber	of deat of dis	hs scharge	s (inclu	iding i	nfants		540	
10.	Duration 9 abo	of st	ay of	patients	s includ	ded in	8 and	5	655	
	stay v	vas for under	the fo	llowing reeks	period	s :—			710	
11.	(c) Number	thirtee	n week	s or n	or thirte	en wee	ks		774 171	
alna	(a) (b)	averag	ge duri	ng the	year			433 (	5.5	)
	Number anaest	of su hetic (	argical excludi	operat	al oper	nder g	general		8/8/46) 653	
13.	Number	of abo	domina	section	ns				432	

(B) Classification of In-Patients who were Discharged from or who Died in the Institution during the Year ended 31st December, 1946.

		DISEASE GROUPS.	Children 16 years		Men and	i Women
	Α.	Acute Infectious Disease	Dis- charged 18	Died	Dis- charged 6	Died 1
Н	B.	Influenza			1	î
	C.	Tuberculosis—	100			
		Pulmonary	5	3	161	30
	-	Non-pulmonary	10	4.5	20	6
	D. E.	Malignant Disease			163	88
	L.	(1) Acute Rheumatism (rheumatic fever)				
		together with sub-acute rheumatism			101, 000	
		and chorea	7		10	4.
		(2) Non-articular manifestations of so-				
		called "rheumatism" (muscular				
		rheumatism, fibrositis, lumbago and			San Horse	
		sciatica)			5	4.
	**	(3) Chronic arthritis	1	11000	12	
	F.	Venereal disease			10	
	G.	Puerperal pyrexia				
		(a) Women confined in the hospital			Page 1975	
		(b) Other Cases			Printiper	
	H.	Other diseases and accidents connected	Theresand !		1	
	I.	with pregnancy and childbirth Mental diseases—			199	5
		(a) Senile dementia	4			
		(b) Other	2		25	
	J.	Senile decay			54	30
	K.	Accidental injury and violence	12	1.130 10.	45	21
۱	14	In manual of some not included about	remark reco	drawat	Sepal)	10)
	7	In respect of cases not included above :	signe.		NG.	
	L.	Disease of the Nervous System and Sense	320	A PROPERTY OF	70	e
	M.	Organs Disease of the Respiratory System	90	5 16	79 160	6 54
	N.	Disease of the Circulatory System	11	4	289	174
	O.	Disease of the Digestive System	101	8	342	17
	P.	Disease of the Genito-urinary System	36		83	20
	Q.	Disease of the Skin	33		52	
	R.	Other diseases	14	4	50	14
	S.	Mothers and infants discharged from			9.00	
		Maternity Wards and not included in	in and ballet		1004	0
		above figures—Mothers	1313	27	1324	2
	T.	Any persons not falling under any of the	1013	41	**	
		above headings—Gynaecological			500	
	123	Orthopsedic	ii	Mario W	67	3
		Healthy Babies	10		Payen T.	
1	-	The second secon	1000		100 100 100 100	750
	-111	Totals	1998	68	3657	472

# Maternity Wards.

- 1. Number of maternity beds in the Institution (exclusive of isolation and labour beds).
  - (i) Normal complement before the emergency: 51.
  - (ii) Complement at 31st December, 1943: 56.
- 2. Number of beds, if any, included under item 2 which have been allocated to, and reserved for, expectant mothers in need of hospital treatment: 6.
- 3. Number of maternity cases admitted during the year: 1,489.
- 3a. Number of women treated during the year in the beds shown against item 2: 120.
- 4. Average duration of stay of cases included against item 3: 11 days.
- Number of cases delivered by—
  - (a) Midwives: 1,213.
  - (b) Doctors: 156.
- Number of cases in which medical assistance was sought by a midwife in emergency: 666.
- 7. Number of cases notified as-
  - (a) Puerperal Fever: -
  - (b) Puerperal Pyrexia: 3.
- 8. Number of cases of Pemphigus Neonatorum: -
- 9. Number of infants not entirely breastfed while in the Institution: 278.
- 10. (a) Number of cases notified as ophthalmia neonatorum: 2.
  - (b) Result of treatment in each case: Satisfactory.
- 11. (a) Number of maternal deaths: 6 (including 3 from Out Districts.)
  - (b) Cause of death in each case :-
    - Ante-partum haemorrhage, placenta praevia, stillbirth—9th pregnancy, single foetus, caesarean section delivery.
    - Uraemia due to acute renal failure, obstetric shock.
    - 1 Acute Hepatic necrosis, toxemia of Pregnacy, single foetus.
    - 1 General peritonitis, puerperal sepsis, first pregnancy, single foetus, normal delivery.
    - Criminal abortion, perforated uterus.
    - Acute yellow atrophy of liver, pregnancy, single foetus, 3rd pregnancy.
- 12. (a) Number of Stillbirths: 74.
  - (b) Cause in each case, and results of post mortem examinations:—
    Toxaemia in Mother.... 15 Abnormal labour..... 25
    Foetal Deformities..... 17 No cause apparent..... 10
    Prematurity...... 7
- 13. (a) Number of infant deaths within 10 days of birth: 24.
  - (b) Cause of death in each case, and results of post-mortem examination.

Prematurity	18	Erythroblastosis	1
Foetal Deformities	2	Syphilis	1
Sclarama	1	* *	

# Laboratory Facilities.

The work performed in the Municipal Pathology Laboratory during 1946 shows a considerable increase on that of the previous year due to a steady expansion in the numbers of specimens received from all departments. This year again there has been no outstanding outbreak of infectious disease so that the numbers of bacteriological examinations have remained more or less steady.

The amount of Penicillin allotted to the area has been considerably increased, and the dispensing of this chemotherapeutic substance, both for Hospitals and Practitioners, has entailed a large amount of work for the Pathologist, whilst the decisions as to the distribution so as to obtain the best result in its clinical application has entailed much anxious thought. Supplies are steadily increasing and no case which is really in need of Penicillin need now go without. From the point of view of the General Practitioner, local therapy, in the form of ointments and lozenges, is probably the most suitable way of utilising Penicillin but a supply is available for general treatment if the case justifies its use and if the Practitioner can make the arrangements for its administration. Usually, however, systematic treatment is most readily applied in the Hospital or Nursing Home.

The following table shows the work done at this Laboratory during the year:—

MUNICIPAL PATHOLOGICAL LABORATORY

EXAMINATIONS PERFORMED DURING 1946.

	18	
Total.	1679 511 734 87 1542 669 252 452 452 400 797 101 101 161 965 420 1787 1787 1787 1787 1787 1787 1787 178	11758
Milks.		578
Waters.	:::::::::::::::::::::::::::::::::::::::	303
Private.	1 : : : 4 - : 50 - : : 52 : : 1 : : 50 - 1	113
Stockport		
Health (incl. School Clinic).	2233 117 117 29 39	1067
Shaw Heath Inst.	I 2 . : : : 1 - 2 . 2 . :	190
V.D. Dispy.	::::::: 183 ::::::::::::::::::::::::::::::::::::	1229
T.B. $Dispy$	∞ - ∞ : : [-4- : : :4 : : ∞ : : [-1 :	821
Borough Isolation Hospital.	241 202 : 213 388 : 4 4 2 4 5 113 100 : 11	972
Stepping Hill Hospital.	1605 493 7111 877 29 708 622 215 215 124 64 163 566 77 161 32 189 563 16 23 37	6485
	Blood Counts Blood Chemistry Sedimentation Rates Sedimentation Rates Sedimentation Rates Sedimentation Rates Fost Mortems Sputa—T.B Urines (Bacteriology) Faeces (Chemistry) Faeces (Chemistry) Faeces (Chemistry) Blood Groups C.S.F Sections Swabs—Diphtheria Swabs—Diphtheria Swabs—Clacteriology) Widals Blood Cultures Gen. Bacteriology Chemical	Totals

# Sanitary Circumstances of the Area.

# 1. (i) Water.

The water supply of Stockport is provided by the Stockport Corporation Water Undertaking, which has a statutory area of supply of 77 square miles and also provides supplies in bulk to other districts.

The total area supplied with water is 126 square miles, with an estimated population in 1946 of 232,880, the average daily consumption being 9,712,000 gallons.

The estimated population supplied in bulk is 27,400, with an average daily consumption of 1,090,000 gallons and the estimated population supplied in detail is 205,480, with an average daily consumption of 8,622,000 gallons, equal to 41.96 gallons per head per day, 31.28 gallons being unmetered (i.e., Domestic) and 10.68 gallons metered (i.e., Trade).

- (1) The water supply of the area and of its several parts has been satisfactory (a) in quality, (b) in quantity.
- (2) Bacteriological examinations were made monthly of the raw water and weekly of the treated water going into supply, the results being satisfactory. Chemical analyses were made monthly of the raw and treated water going into supply, the results being satisfactory.
- (3) The water is chemically treated to prevent plumbo-solvent action, with satisfactory results.
- (4) The water is filtered through mechanical filtration plant and after filtration is chlorinated.
- (5) The whole of the dwellinghouses and the total population of the County Borough of Stockport has a constant piped supply direct to the houses.

# (ii) Drainage and Sewerage.

I am indebted to the courtesy of Mr. W. F. Gardner, M.I.C.E., Borough Surveyor, for the following details of work done during the year ending December, 1946.

Number of cellar areas closed and filled in for street improvements: Number of houses demolished for street improvements . . . . . . nil. Number of water-closets erected in connection with new houses and

buildings: 440.

# 2. Rivers and Streams.

No change of importance to report.

### 3. (i) Closet Accommodation.

During 1946, 96 additional W.Cs. were provided, as distinct from new houses provision.

Number of W.Cs erected in new houses: 344.

The following table indicates the position in the Borough, as compared with the previous year.

	1945	1946
Water Closets	40988	 45456
Waste Water Closets	384	 349
Pail Closets	103	 103
Privy Middens	dire bein	
Cesspools	3	 3

# (ii) Public Cleansing.

No change.

At the end of 1946, there were the following sanitary appliances:-

Ash	bins.						47160
Ash	oits						58

# (iii) Sanitary Inspection of the Area.

I am indebted to Mr. F. Winder, Chief Sanitary Inspector, who has supplied the material for this Section of the report.

# District Sanitary Inspectors' Work.

4	Ivannamaya Mannayan Narraayana Barraa	
1	INSPECTIONS MADE AND NUISANCES FOUND :-	21995
	Total Inspections made (all purposes)	
	Total individual properties inspected (all purposes)	8096
	Housing Inspections (under P.H.A.)	6527
	Total individual properties inspected	2676
3	Other Inspections (under P.H.A.)	7468
	Courts and Yards	1749
	Dry Ashpits and Dustbins	1471
	Drainage	2350
	Water Closets	1935
	Water Courses	18
9	Miscellaneous Inspections	6737
	Inspections for Infectious Disease:—	
	Total Inspections and Visits	542
	Total houses visited	425
	Houses disinfected	334
	Schools, etc., disinfected	1
	OMPLAINTS RECEIVED.	1860
	Nuisances Found	2808
	Nuisances Abated (total)	2443
	WATER CLOSETS, ETC. :-	
	Water Closets cleansed (by Owners)	153
	Water Closets cleansed (by Occupiers)	2
	Water Closet Pedestals, etc., renewed or repaired	186
	Water Supply Pipes or Cisterns to Water Closets repaired	404
	Water Courses Cleansed	3
	Dustbins renewed	566
	Houses Cleansed, Re-papered, or Lime-washed	13
	Sink Waste Pipes Renewed or Repaired	136
	Downspouts or Eaves Gutters Renewed or Repaired	488
	House Drains Tested	138
	House Drains and Drains to Water Closets Reconstructed or	190
		401
	Repaired	431
	Gully Traps Fixed	90
	Soilpipes and Ventilating Shafts Erected	12
	Yards, Courts or Passages Drained or Drains Repaired	205
	Yards, Courts or Passages Paved or Repaired	208
	Yards, Courts or Passages cleansed by Occupiers	25
	Animals Improperly Kept—Removed	9
	Accumulations Removed	72
ı	Miscellaneous Nuisances	1232
1	Notices Served :-	
п	Preliminary	1636
	Statutory	396
	January 1st, 1946. Statutory Notices outstanding	107
	December 21st 1046	302
-	Notices Complied With:—	002
1	Preliminary	1500
		1566
	Statutory	201

# (iv) Shops Acts.

The administration of Sections 1 to 3 of the Shops Act, 1912, and the whole of the Shops Act, 1934, relating to the employment of Young Persons, Sanitation, and the Health and Comfort of Shop Assistants; also Sections 11, 12 and 13 of the Shops (Sunday Trading Restrictions) Act, 1936, governing the hours of employment of Shop Assistants and compensatory holidays for Sunday employment which necessitates the keeping of registers and inspection of such, is carried out by this Department.

The duties under Sections 4 to 12 of the Shops Act, 1912, relating to the early closing of shops are administered by the Watch Committee.

# Summary of Work under the Shops Acts, 1912-1936.

Number of Shops on the Register.  Number of Visits for all Purposes.  Notices Served:—  Preliminary.  Statutory.	2280 95
Notices Complied With:— Preliminary	4
Notices Outstanding :— Preliminary	of I reday!
Nature of Work Complied With :-	
Renewals and Repairs to Sanitary Accommodation.	2
General Drainage and Repairs	8
Premises Cleansed	22
Ash Bins Renewed	18
Prescribed Forms obtained and displayed	_
Additional Facilities Required and Provided :-	
Sanitary Accommodation	3
Washing Facilities	7
Ventilation and Temperature	_
Facilities for Meals	-

# (v) Pharmacy and Poisons Act, 1933.

The listed sellers on the Register under the above Act is 208. During the year 316 inspections of these premises were made.

# YOUNG PERSONS (EMPLOYMENT) ACT, 1938.

Part One of this Act regulates the hours of employment of persons under 18 years of age in certain occupations previously unregulated.

Part Two governing the hours of persons under 16 years of age came into force in January, 1940.

# (vi) Swimming Baths and Pools.

22 samples of water from the public swimming baths in the Borough have been taken during the year.

# (vii) Eradication of Bed Bugs.

During the year 79 Corporation houses were found to be infested with bugs. All the houses were treated with D.D.T. or other insecticide.

In the case of rehousing under the Slum Clearance and Overcrowding Schemes, the furniture and bedding from 69 houses was disinfested.

In the case of privately owned houses, 30 cases of bug infestation were investigated, and it is known that 7 of the houses were fumigated by Hydrogen Cyanide, and the remaining 23 treated by D.D.T. or other insecticide.

# (viii) Premises and Occupations which can be Controlled by Byelaws or Regulations.

Common Longing Houses. There are two Common Lodging Houses in the Borough, to which 24 visits were paid during the year.

BAKEHOUSES. There are 137 bakehouses, (three of which are underground), to which 97 visits were made in the course of the year.

OFFENSIVE TRADES. There are in the Borough 20 premises in which one or other of the offensive trades are carried on, and 59 visits were made to these during the year.

FAIRS AND WAKES AND TRAVELLING VANS. In connection with fairs and vans, 15 caravans used as dwelling houses were inspected.

# (ix) Rats and Mice (Destruction) Act, 1919.

12,828 visits of inspection were made under the above Act, advice and assistance was given to the persons concerned as to the safest means of destruction in the various cases. It is known that some hundreds of rats were destroyed.

# (x) Rag Flocks Acts, 1911 and 1928.

One visit was made to works in order to ascertain that no infringement of the provisions relating to rag flock was taking place.

During the year one sample of rag flock was submitted for analysis and this complied with the standard of cleanliness required by the Rag Flock Regulations.

### 4. Schools.

# (a) Sanitation.

Progress has been made in improving the general sanitation of the Schools.

### (b) Infectious Disease.

In several instances school outbreaks of infectious disease came to the notice of the Health Department, and required investigation.

# Housing.

# New Houses.

I give here particulars of the houses built, or in course of building at the end of the year :—

No. of House: erected during the year ended December, 1946, by private enterprise	141
No. of Houses in course of erection by private enterprise, 31st December, 1946	95
No. of Houses erected by the Corporation during the year ended December, 1946	203
No. of Houses in course of erection by the Corporation, 31st December, 1946	526

Number of houses built by the Corporation and Private Enterprise during the last few years.

N	UMBER	OF HO	strome (	Covene	THEFT
- 17	NUMBER	OF IL	DUSES	COMPL	ETED.

YEAR.		By Private	n			
20003		Enterprise.	By	Corporation	1.	Total.
1920		77		147		224
1921				111		
1922		125		Cobal - Table		125
1923		176		-		176
1924		241				241
1925		405		-		405
1926		335		- H		335
1927		330		20		350
1928		333		54		387
1929		294		128		422
1930		233		174		407
1931		468		332		800
1932		471		106		577
1933		670		514		1184
1934		1514		51		1565
1935		1255		270		1525
1936		1443		110		1553
1937		1392		140		1532
1938		1088		162		1250
1939		875		144		1019
1940		75				75
1941		17		1		17
1942		6		_		6
1943		Nil.		Nil.		Nil.
1944		Nil.		Nil.		Nil.
1945		4		Nil.		4
1946		141.		203		344
			le niles	miles III des		
	Totals	11968	per Diri	2555		14523

TYPES OF HOUSES BUILT BY THE LOCAL AUTHORITY

PH, WELL		N. D				Fla	uts.	Tem- porary	
Site.	A5	A4	B3	A3	A2	A2	A1	Houses	Total
	Non- Parlour 5 Bed- rooms.	Non- Parlour 4 Bed- rooms.	Parlour 3 Bed- rooms.	Non- Parlour 3 Bed- rooms.	Non- Parlour 2 Bed- rooms.	Non- Parlour 2 Bed- rooms.	Non Parlour 1 Bed- room.	2 Bed- rooms	1 014
Dial House Cheadle Heath	_	-	101	_	_	_	-	-	101
(No. 1)		_	3	16					19
Edgeley Cheadle Heath	-	-	24	3	-	-	-		27
(No. 2)	-	-			20			-	20
Didsbury Road		-	_	122	76	40	_		238
Criterion Street		-	_	118		-		-	118
Reddish Road. Bates Ley (Gar-		-	-	174	100	40	-	-	214
ners Lane)	-	-	_	600	-	80	_		680
Lancashire Hill	-	-	_	64		_			64
School Street .	_	5	-	26		-	-		3
Jowett Street.	-	7		13			in the same of		20
StockportRoad	-	58	-	176	-	-	36	_	270
Bridge Hall	-		104	_			-		104
Adswood Hall. Huntsman	-	41	-	131	1077000	11110	10.030	THE PARTY A	172
Brow	-	17		47			-	-	64
Woodhall Road Walnut Tree	-		-	24	-	-	96	-	120
Farm Whitehill	9	38		138	9		-	-	194
Estate	-	-					-	99	99
	9	166	232	1652	105	160	132	99	2558

# Ward Distribution of New Houses.

Number of houses erected in the various Wards of the Borough during the year ended 31st December, 1946:—

2 (42) 4 (2) 4 (2)		Private			
Ward.		Enterprise.	. 1	Corporation.	Total.
PortwoodNo.	1	_		_	 _
St. Mary's,	2	_			 -
Vernon,	3	33		or or and	 33
Hempshaw Lane,	4	2			 2
St. Thomas's,	5	-			 _
Cale Green,	6	-		_	 _
Heaviley,	7	16		_	 16
Davenport,	8	1			 1
Shaw Heath,	9	_		104	 104
Edgeley,	10	_		_	 -
Hollywood,	11	3		_	 3
Heaton Lane,	12	_		10 10 10 10 10 10 10 10 10 10 10 10 10 1	 Of the last
Heaton Norris South ,,	13	11			 11
Heaton Norris North ,,	14	14		-	 14
Old Road,	15	- 01		CONTRACTOR OF THE PARTY	 10 0-
Lancashire Hill,	16	- 101			
Reddish South,	17			99	 99
Reddish North,	18	61		W	 61

	DISTRICTS.								
1. Inspection of Dwelling-houses during		SANITARY INSPECTORS.						Housing Inspector	Total
the year.  1 (a) Total number of dwelling-houses	1	2	3	4	5	- 6	7	1	
inspected for housing defects			mil.	ima	nBi	30	100	T	
(under Public Health or Housing Acts)	295	117	440	377	384	364	543	2459	49790
(b) Number of Inspections made for				1000					
the purpose	612	253	1242	860	1425	884	838	3129	9243
cluded under sub-head (1) above							7		
which were inspected and recorded under the Housing							-		
Consolidation Regulations, 1925	4		1						
and 1932) (b) Number of Inspections made			**		::	21		590	590
for the purpose,								670	670
(3) Number of dwelling-houses found to be in a state so dangerous or	- 91		a land						
injurious to health as to be unfit									
for human habitation		***	::					440	440
clusive of those referred to under									
the preceding sub-head) found not to be in all respects reason-									
ably fit for human habitation								150	150
<ol><li>Remedy of defects during the year without Service of Formal Notices.</li></ol>									
Number of defective dwelling-						15			
houses rendered fit in conse- quence of informal action by the	1								
Local Authority or their Officers									
<ol> <li>Action under Statutory Powers during the year.</li> </ol>									100
A. Proceeding under Sections 9, 10 &	1 3								
16 of the Housing Act, 1936. (1) Number of dwelling-houses in									1391
respect of which notices were									
served requiring repairs (2) Number of dwelling-houses which									
were rendered fit after service of					100				
formal notices :— (a) By Owners							-		1000
(b) By Local Authority in default								- madage	
of Owners  B. Proceedings under Public Health Acts.		**							
(1) Number of dwelling-houses in	100								
respect of which notices were served requiring defects to be									
remedied	. 230		1	8	86	63	8		396
Number of dwelling-houses in which defects were remedied					1 89				73
after service of formal notices :-		1					ai l		1983
(a) By Owners(b) By Local Authority in default	. 93		1	5	60	36	6		201
of Owners									
<ol> <li>Proceedings under Sections 11 &amp; 13 of the Housing Act, 1936.</li> </ol>								To the same	
(1) Number of dwelling-houses in									100
respect of which Demolition Orders were made				1000	900			in the same of	1000
(2) Number of dwelling-houses demol-									
ished in pursuance of Demolition Orders								THOUSE .	
D. Proceedings under Section 12 of							N. C. C.	***	
the Housing Act, 1936. (1) Number of separate tenements or									
underground rooms in respect of							LET	Hallman	
which Closing Orders were made (2) Number of separate tenements or								1	1
underground rooms in respect of	10		8.1	14	1	-	drio	/ damb	
which Closing Orders were deter- mined, the tenement or room									
having been rendered fit									

# Housing Act, 1936-Overcrowding.

- (b) Number of new cases of overcrowding reported during the year 177

# Inspection and Supervision of Food.

# (a) MILK SUPPLY.

# (i) Wilk and Dairies Order, 1926.

There are 32 cowsheds and 56 dairies and milkshops in the Borough. In addition, 94 persons deliver milk in Stockport.

During the year 360 visits of inspection have been made to these premises, and as a result many alterations and repairs have been effected.

# (ii) Milk Including (Special Designations) Order, 1936 and 1938.

During the year 375 samples of milk have been procured and tested as follows :-Total No. No. Tests Applied. of Tests Satisfactory Unsatisfactory Methylene Blue Reduction and 135 100 Bacterial Count and Bacillus Coli Test..... Methylene Blue Reduction Test.... 143 140 3 Phosphatase Test...... 146 2 144 TOTAL .... 526 420 106

# (iii) Milk and Dairies (Consolidation) Act, 1915.

During the year 31 samples of milk were taken and examined for Tuberculosis infection, of these 24 proved negative and 7 proved positive.

# (b) MEAT AND OTHER FOODS.

During the year 787 visits of inspection to slaughter-houses were made, as compared with 666 during the previous year.

The following is a summary of the unsound meat and other foods dealt with, and subsequently destroyed:—

# CARCASES INSPECTED AND CONDEMNED.

JUNE DE LA CONTRACTION DEL CONTRACTION DE LA CON	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number Killed	2949	2917	2666	21756	145
Number Inspected	2949	2917	2666	21756	145
All Diseases except Tuberculosis.			PLY.	UE JU	
Whole Carcases Condemned	2	9	29	22	
Carcases of which some part or organ was Condemned	660	906	6	1258	
Percentage of the number Inspected affected with Disease other than Tuberculosis	22.38	31.36	1.31	5.88	
Tuberculosis only.	rollengias	Inipo	g2) gnili	toloni si	M
Whole Carcases Condemned	16	152	20	2	
Carcases of which some part or organ was Condemned	356	1687	2	_	25
Percentage of the number Inspected affected with Tuberculosis	12.61	63.04	.82	.009	17.31

Other foods examined and found to be unfit for human consumption :-

7,443 tins of milk, meat, fish, fruit, soups, vegetables, etc.; 602 eggs; 300 packets sponge pudding mixtures; 108 crumpets; 108 fish cakes; 66 swiss rolls; 61 packets sponge cake mixture; 36 packets dessert moulds; 5 table jellies; 2 melons; 2 packets table dessert; 2 tons syrup, jams, sultanas, flour, etc.; 6 cwts. 1 qr. 20 lbs. dates; 10 cwts. 2 qrs. 7 lbs. sweets, chocolate, etc.; 6 cwts. 1 qr. 5 lbs. imported tripe; 5 cwts. 0 qrs. 24 lbs. kippers; 2 cwts. 1 qr. 0 lbs. smoked fish; 3 qrs. 21 lbs. fish fillets; 3 qrs. 19 lbs. soyghetti; 3 qrs. 15 lbs. raisins; 2 qrs. 23 lbs. bacon; 2 qrs. 12 lbs. shredded wheat; 2 qrs. 8 lbs. tripe; 2 qrs. 6 lbs. ham; 1 qr. 22½ lbs. margarine; 1 qr. 21 lbs. herrings; 1 qr. 20½ lbs. tea; 1 qr. 16 lbs. tomatoes; 1 qr. 5 lbs. 5 ozs. butter; 16 lbs. cheese; 14 lbs. sugar; 8 lbs. lard; 5 lbs. biscuits.

# (c) ADULTERATION.

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

ous your.	otal Samples		Percentage
Year.	analysed.	Adulterated	adulteration.
1926	 361	 11	 3.05
1927	 360	 9	 2.5
1928	 360	 16	 4.4
1929	 239	 7	 2.93
1930	 338	 2	 0.59
1931	 344	 4	1.16
1932	 326	 10	 3.067
1933	 347	 15	 4.32
1934	 385	 25	 6.49
1935	 400	 21	 5.25
1936	 417	 15	 3.59
1937	 416	 4	 0.96
1938	 403	 9	 2.23
1939	 405	 7	 1.73
1940	 403	 23	 5.7
1941	 389	 27	 6.94
1942	 358	 19	 5.307
1943	 360	 12	 3.33
1944	 338	 14	 4.14
1945	 422	 25	 5.92
1946	 426	 28	 6.57

Analysis of milk samples (included in the above table) compared with previous years :—

3	Total Samples		Percentage
Year.	analysed.	Adulterated.	adulteration.
1926	 226	 8	 3.54
1927	 225	 7	 3.11
1928	 276	 13	 4.7
1929	 212	 6	 2.83
1930	 228	 1	 0.44
1931	 228	 2	 0.87
1932	 234	 5	 2.14
1933	 116	 3	 2.59
1934	 136	 8	 5.88
1935	 88	 7	 7.95
1936	 34	 3	 8.82
1937	 61	 3	 4.92
1938	 78	 7	 9.1
1939	 94	 3	3.2
1940	 91	 12	 13.18
1941	 89	 . 13	 14.606
1942	 85	 13	 15.29
1943	 84	 9	 10.71
1944	 79	 10	 12.65
1945	 159	 22	 13.83
1946	145	 21	 14.48

# (d) NUTRITION.

The five Empire Marketing Board frames, which became the property of the Corporation in 1934, have been used for posters illustrating various health matters, including nutrition. The classes in Mothercraft and Hygiene in the schools have been continued.

# (e) SHELL FISH (Molluscan).

There are no Shell Fish beds in the Borough.

# (f) FERTILISING AND FEEDING STUFFS ACT.

3 samples were taken under the above Act during the year.

# Legal Proceedings during the Year, 1946.

OFFENCE.	RESULT.	FINE.
Food and Drugs Act, 1938.—  Milk. 12% Addded Water.  ,, 12% ,, ,, ,, ,,	Convicted.	$\begin{cases} \text{£ s. d.} \\ \text{Fined £3 on each} \\ \text{of 3 samples } \dots \text{ 9 } 0 \text{ 0} \\ \text{Costs } \dots \dots \text{ 6 15 0} \end{cases}$
	adi ni bet	Total £15 15 0

# ICE CREAM VENDORS.

During the year 137 visits of inspections were made to ice cream premises.

# Prevalence of, and Control over, Infectious and other Diseases.

The total number of cases of infectious disease, including Tuberculosis, notified during 1946 was 1,493, as compared with 2,049 in 1945, and 1,440 in 1944.

There was a decrease in the number of cases of Measles notified, 756 against 1,246 in the previous year, and in the number of cases of Scarlet Fever notified, 122 against 367, in the previous year.

It is pleasing to note the continuance in the fall during 1946 in the cases of Diphtheria from 92 to 25.

# Notifiable Infectious Disease.

### Smallpox.

No case occurred.

### Public Vaccination.

The Public Vaccinators for the Borough are as shown for 1943.

RETURN showing the Numbers of Persons successfully vaccinated and re-vaccinated at the cost of the rates by the Medical Officers of the Poor Law Institutions and the Public Vaccinators during the Year ended 30th September, 1946.

Number of Successful Re-vaccinations, i.e., successful vaccinations of	persons who had been successfully vaccinated at some previous time.	21	28
essful ions of	Total.	8 1 345 316	670
Numbers of Successful Primary Vaccinations of Persons :—	Under One year and of age. upwards.	25 25 25 25 25 25 25 25 25 25 25 25 25 2	98
Numb Primar	Under one year of age.	289 294	584
Name of the Medical	Officer or Public Vaccinator.	Dr. W. More Dr. W. More Dr. R. M. Wilson Dr. F. Chadwick	Totals
Name of the Poor Law	Institution or Vaccination District.	Shaw Heath Institution and Cottage Homes Stepping Hill Hospital No. 1 District No. 3 District No. 2 District	

# VACCINATION OFFICERS:

Stockport First District .. S. R. Broome, Stockport Second District .. W. C. Tunstall, Stockport Third District .. W. H. Hunt,

85, St. Petersgate, Stockport

The work undertaken by the Vaccination Officers is summarised in the following table :-

Return respecting the Vaccination of Children whose births were registered from 1st January to 31st December, 1945, inclusive.

Of Births returned in the "Birth List	-	uary, 1	947, in	, in Columns I., II.,	I., II.,	1947,	1947, remained un-	1947, remained un-	remaining on		Number of
returned in the "Birth List	V. and ter	V. of th	he "V	IV. and V. of the "Vaccination Regis- ter" (Birth List Sheets), viz.:	Regis-	'Vaccin	Vaccination Register'	he gister"	31st January,	Total number	Statutory
" Birth				1		on acc	on account (as shown	shown	duly entered		of Conscien-
List	-					Dy TA	by Report Book ) or	OK ) OI	in the		tious Objection
				No. in re-	7		Rem'val Rem'val	Rem'val	Register "	of Successful	received by
Districts. Sheets",		Col. II.	11.	spect of			ets	unlinown	(columns 3, 4.	Primary	the Vaccina-
as regis-				whom			the	or which	5, 6 and 7 of	Vaccination	tion Officer
_	Col I.			Statutory	Col V.	Post-	Vaccina-	cannot	this Return)	of Children	irrespective
from 1st				Declara-		-euod	tion	pe	nor tempora-	under 14	of the dates
-				tions of		ment	Officers	reached,	ily accounted	received	of birth of
-		Insus-		Conscien-		by	of which	& Cases	for in the	during the	the children
_			Had	tions	Died	Medical	have	not hav-	"Report Book"	Calendar	to which they
1946	Vaccin- of	of Vac- S	Small-	Objection berre been	Unvac-	Certi-	been	ing been	(columns 8, 9	Year 1946.	relate, during
			rox.	received.	cinaved.	nonce.	anny	round.	Return)		Year 1946.
1 2	60	4	5	9	7	8	- 6	10	11	12	13
1. Stockport (First) 1252 4	451	00	:	580	1112	1	92	23	9	479	575
2. ,, (SECOND) 547 2	220	1	:	261	20	60	38	4	:	448	301
3. " (Тнівр) 616 1	170	1	:	332	27	21	œ	20	37	408	308
Total 2415 8	841	2		1173	159	25	192	47	43	1335	1184

NOTIFIABLE INFECTIOUS DISEASES, 1946. SUMMARY.

the state of the s			
.ab'wqu 3 33		.01	4
j9+			-
39-45			1.
26-02			1
15-20			1.
10-12			
6-10			-
g-p			67
3-4			-
8-2			-
2-1			-
1-			-
Total Death		• 01 • 01 • • • • •	13
ALCOHOL MANAGEMENT AND ADDRESS OF THE PARTY AN		21	27
	:00 : 01401 :	64 :: :::	267
.ab'wqu 3 68		.91	33
99-97		33	74
32-42	. 20 20	201	48
20-35		-4	74
03~CI	.000	. 01	28
10-12	. 10 33.	01	42
01-0	310 58 58		478
9-1	.11		1 154
3-4	. 5331		811
	. 1 28 1 28	. 01	58 1
			241
			99 1
notified.		82 44	493
easo IstoT			-
DISEASE.	Smallpox Scarlet Fever Diphtheria Enteric Fever Puerperal Fever Erysipelas Measles Whooping Cough Acute Primary Pheumonia	Dysentery.  Ophthalmia Neonatorum. Encephalitis Lethargica. Acute Polio-Encephalitis. Acute Poliomyelitis Abortus Fever. Tuberculosis—Pulmonary.	Total
	Total case notified.  1-2 2-3 3-4 4-5 65 & upw'ds.  10-15 10-15 10-15 10-15 10-15 10-15 10-15 10-15 10-15 10-15 10-15 10-15 10-20 20-35 35-45 45-65 45-65 45-65 45-65 45-65 45-65 45-65 45-65 45-10 10-15 10	Total case  Total	Total case  Total

The seasonal prevalence of these various diseases is indicated in the following table which shews the notifications received in the various months of the year 1946;—

Dropage	Ton	Feh	Mon	Ann	Mari	Tumo	Lulin	Aura	Come	0.00	None	D. C.	Total
Monage.	Cont.	FOD.	THUT.	why.	, rang	omno	omb	Snv.	odac.	Oct.	NON.	Dec.	10101
Smallpox	:	:	:	:	:	:	:	:	:		:		:
Scarlet Fever	11	-	11	16	7	14	18	00	4	6	10	_	122
Diphtheria and Membranous Croup.	00	1	00	-	:	-	-	:	CI	9	9	-	25
Enteric Fever	:				:	:		:	:	:	:	-	-
Typhoid Fever	:				:	:	:	:	:	:	:		
	:	:	:	:	:	:							
	00		c3	:	:	-	-	-	-	C3	-	-	13
	00	20	3	5	3	63	4	63	63	00	65	-	36
Ophthalmia Neonatorum	:	-	:	-		:	00		63			;	7
	:		:	:	:			:		:	:		
	:	:	:	:	:	:	:						
	1	:		:	-	-			-	-	65		· oc
	:	:	:	:	-				-				6
Pulmonary	6	4	6	23	15	4	-	4	15	10	00	7	94
	-	07	4		4	:	-	:	2	9	60	-	24
Malaria	67	1	1		-	1	-	00	:	:	:		10
Dysentery	13	12	00		-				:	1	63		32
Acute Primary Pneumonia	00	9	3	53	9	00	67	-	-	63	63	65	39
Acute Influenzal Pneumonia	1	63	-	:	:	:	:	:		-	67	1	00
Measles	-	-	3	5	+	00	12	16	7	43	229	427	756
Whooping Cough	20	44	22	46	58	35	17	11	9	5	6	13	316
	T	1	1	1	1	1		-		-	1		-
Totals	106	98	65	78	101	20	67	46	44	88	278	463	1493
		1		100000000000000000000000000000000000000		No. of Street, or other Persons and Street, o							

#### DIFFITHERIA IMMUNISATION.

mber of Re-inforcing Doses for Diphtheria Immuontsad Jiegalat has adjustment of the number of children who granifel famingarias), whom to that period. This adjustment has beenginesotois hylo equancioned applying it mespective of age to all children to be applying it mespective of age to all children to be applying it mespective of age to all children to be applying it mespective of age to all children to be applying it mespective of age to all children to be applying it mespective of age to all children to be applying it mespective of age to all children to be applying it mespective of age to all children to be applying it mespective of age to all children to be applying it mespective of age to all children to be applying it mespective of age to all children to be applying it mespective of age to all children to be applying it mespective of age to all children to be applying it mespective of age to all children to be applying it mespective of age to all children to be applying it mespective of age to all children to be applying it mespective of age to all children to be applying it mespective of age to all children to be applying it mespective of age to all children to be applying to the applying to be applying to the applying

				100000	200000	
					32	
				E ABI		
	12					
	20					
						TOT
				1818	2018	
			-	12021 3		
		. 23				
						207

GRAND TOTAL OF CHILDREN THRUSPHID. 1989-1947
NEW CARES. 34.670
5.791
GRAND TOTAL 29,861

DIPHTHERIA IMMUNISATION.

Is no record of the number of Re-inforcing Doses for Diphtheria Immunisation were made prior to 1946, it has now necessary to make an adjustment of the number of children who received Reinforcing Doses (as against Primary sation) in the years previous to that period. This adjustment has been effected by taking the percentage of Reinforcing or 1946 (i.e., 20%), and applying it irrespective of age to all children who were immunised between 1933 and 1945. Be below shows, for each year, the apportionment of new cases and children who were immunised in previous years.

Age in years on 31st December,	193	33	1934	4	193	5	193	6	193	7	1938		193	9	194	10	194	11	194	2	1943		1944		194		19		
of the corresponding year.	N.C.	P.L.	N.C.	P.I.	N.C.	P.I.	N.C.	P.L	N.C.	P.L	N.C.	P.L.	N.C.	P.L.	N.C.	P.I.	N.C.	P.I.	N.C.	P.I.	N.C.	P.L.	N.C.	P.I.	N.C.	P.I.	N.C.	P.I.	Total inoculated, aged under 5 years on 31st December, 1946.
0—	8	2	5	1	13	3	20	5	18	5	51	12	178	44	186	46	185	46	371		130		169		197		614		New Cases 5,853 Reinforcing Dosos 206
1-	52	13	28	7	85	21	127	31	121	30	323	81	254	63	455	114	450	112	1168	292	842		1023		1115		787	3	Total Inoculated . 6.859
2	11		5	1	14	4	21	6	21	5	56	14	33	8	28	7	190	48	314	79	102	25	84 .		137		129	3	110cmator . 6,009
3—	9		5	-	12	3	18	4	17	4	44	11	23	6	17	4	43	11	278	70	95	24	32	8	63		92	6	100
4	17		9		27		33	8	31	8	83	21	55	14	55	14	81	20	187	46	182	45	126	31	133	33	100	194	1000
5—	56		31		71		81	20	51	13	161	40	33	8	138	34	1394	348	249	62	385	96	128	32	143	36	240	150	
6	34		18		43		49		38	100	97	24	14	4	72	18	869	217	117	29	234	59	87	21	71	17	161	76	
7	25	**	14		31		36		28		88	(40)	6	2	45	12	626	157	64	16	168	42	64	14	45	11	137	72	Total inoculated, aged 5-14 years, on 31st December.
8	27		15		34		39		31		97		10		52	13	687	172	77	19	192	48	30	7	36	9	100	62	1946. —
9	29		16		37	***	42		33		105		13	-	73		747	187	90	23	203	51	25	6	26	7	85	55	Reinforcing Doses 4,132
10-	22		12		28		32		25		80		6		49		566	141	78	19	135	34	48	12	24	6	66	72	Total Inoculated 19,151
. 11	11		6		14		16	1	13		40		11		7		262	66	66	17	62	15	40	9	28	7	92	70	100 100
12-	9		5		11		13		10		32		9		33		202	50	53	13	61	15	18	4	16	4	72	51	
13—	-				8		10		8		24		7		25		182	45	39	10	44	11	21	5	8	2	78	30	
14	4		-				6		5		16		5		16		122	30	26	7	22	5	9	2	12	3	49	18	
15 and over.	_					100								**									112	28	7	1	23	4	Total inoculated, aged 15 years
Totals of New Cases and 20%													-	-					-										and over, on 31st December. 1946.
adjustment showing reinforcing doses in each year.	321	15	175	9	434	31	543	54	450	65	1297	203	657	149	1251	262	6606	1650	3177	702	2857	470	2016 1	179	2061	136	2825	866	New Cases 3,798 Reinforcing Doses 453
GRAND TOTAL EACH YEAR	33	36	18	4	46	5	59	7	51	5	150		80		15)		821		387	9	3327		2195		219	77	36:	91	Total Inoculated 4,251
											GRAN	D To	TAL OF	CHILL	BEN IN	MUNIS	ED. 19:	33-19	47										

| GRAND | TOTAL | 18NONISE | 18NO

# Measles and Whooping Cough.

756 cases of Measles and 316 of Whooping Cough were notified during the year. Three deaths (1 Male and 2 Females) from Whooping Cough and four (1 Male-3 Females) from Measles occurred during 1946.

#### Cancer.

During the year 256 deaths from Cancer were recorded—137 males and 119 females.

#### Welfare of the Blind.

The arrangements are similar to previous years; there were 239 registered blind persons in the Borough at the 31st of March, 1947—110 males and 129 females.

#### Prevention of Diphtheria.

The following comprehensive statement shows the number of children immunised during the period 1933—1946:—

#### ISOLATION HOSPITAL.

There has been no change in the accommodation at the Isolation Hospital, Cherry Tree Lane, during the year.

The number of patients treated (including those remaining at the end of 1945) was 656 as compared with 631 for 1945.

Fewer cases of Scarlet Fever were admitted than during the previous year (91 as against 293). There has also been a further considerable decrease in the number of cases of Diptheria (16 admissions compared with 82 during 1945 and 193 during 1944).

The accompanying table shows how an even wider variety of clinical conditions has been admitted during the year.

The overall average stay in Hospital was 16.95 days during the year.

Name of Disease	In Hospital 1st Jan., 1946	Admitted	Recovered and Discharged	Died	In Hospital 31st Dec., 1946
Scarlet Fever	13	91	103		1
Diphtheria	7	16	17	1	5
Diphtheria Carrier		2	2		
Erysipelas		24	23	1	
Measles		50	34	4	12
Whooping Cough	1	26	21	2	4
Sonne Dysentery		27	25	2	
Flexner Dysentery		1	1		
Chronic Dysentery		1	1	4.1	
Amoebic Dysentery		1	1		
Meningococcal				355	
Meningitis		4	2	2	
Pneumococcal					
Meningitis		1		1	
Tuberculous					
Meningitis		2		2	
Aseptic Meningitis		1	1		
Benign Lymphocytic					
Meningitis		1	1		
Chicken Pox	1	7	8		
Gastro Enteritis		55	42	11	2
Pemphigus		1			1
Puerperal Pyrexia		8	8		
Vincent's Angina		7	7		
Malaria	1	10	11		
Impetigo		8	6		2
Tonsillitis	4	38	41	4.4	1
Healthy Baby		6	6		
Lobar Pneumonia		9	7		2
Broncho Pneumonia		11	9		2
Bronchitis		9	9		
Acute Chemical					
Poisoning		1		1	
Syphilis		98	98		
Gonorrhoea		35	35		
Pediculosis Capitis		3	3		
Infantile Eczema		2	1	1	
Pulmonary		222			
Tuberculosis		4	2	2	
Scabies		3	2		1

(Continued on following page)

Name of Disease	In Hospital 1st Jan., 1946	Admitted	Recovered and Discharged	Died	In Hospital 31st Dec., 1946
Rheumatic Fever		1	1		
Furunculosis		1	1		
Hysteria	1		1		
Constipation		5	5		
Dermatitis		3	3		
Tabes Mesenterica		5	4		i
Epistaxis		1	î		100
Acute Infective Hepatitis		9	9		
Toxic Purpura		ĩ	ī		
Croup (Non-Specific)		1	1	**	
Colitis	**	1	1		
Pruritus Vulvae	* *	1	1		
Phlebitis		1	1	1	
Acute Intestinal	5.50	1		1	
Obstruction		1.0	,		
Otitis Media		1	1		
Drug Poisoning		1	1		**
	**	1	11	1	
Streptococcal Adenitis Rubella		1 0	1		
Abscess of Leg		8	8	* *	
Erythama Vodorum		1	1		
Acute Bacterial	**	1	1		
Endocarditis		1		1	
Septie Laryngitis		1		1	
Streptococcal Infec-					
tion of Hand		1	1		
Gonococcal					
Ophthalmia	**	3	2	1	
Sulphanilamide					
ReactionOsteomyelitis of Os		1	1		**
Calcis		2	1		1
Debility		2	2		
Convulsions		1	1		
Poliomyelitis		1	1		
Tetanus		1	1		
Non-Specific			ALL THE PARTY OF		
Ophthalmia		1	1		
Acute Appendicitis		1	1		
Quinsy		1	1		
Chronic Pyelone-					
phritis		1	1		
Cervical Adenitis		1	1		
Staphycoccal Pustuli.		1	1		d.
Sprained Ankle		1	1		
Bronchiectasis		1	1		
Nil abnormal				2000	1000
detected		6	6		
Total	28	628	586	35	35

# Tuberculosis.

# Return showing the work of the Dispensary.

		NARY		No	N-PUI	MON	ARY		TOTA	LL.		-01
Adu	lts.	Chile	lren	Adu	lts.	Chil	dren	Adv	ilts.	Chi	ldren	Gran
М.	F.	М.	F.	M.	F.	М.	F.	<i>M</i> .	F.	M.	F.	Total
66	23	2	1	8	7	5	3	74 186	30	7 54	4 40	114
	3		::		::			15	3  51	22	27	iii
8	9	6	1	6	6	11	9	14	15	17	10	5.1
243	193	10	12	51	60	82	48	294	253	92	60	698
tran er H tran er tl duri iance ed H ltatie	sferreead usferrence schools the school	ed from the de year the man ur with the constant of the consta	om oprevious of other of other other of other other of other	ther ious er and case Deadensan Domical point ious in contract the contract in contract the contract in contract i	years reas,	cases lost s l caus neludi ry T tione hom	s not ight ses) ing (reatn reatn reatners	desired desire	cts) on t	furth he 3	lst	740 17 55 61 368 21 56 7 197 47
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# PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1930.

Part I.—Summary of Notifications during the period from the 1st January, 1946, to the 31st December, 1946, in the County Borough of Stockport.

someth value				Fo	rmal	Noti	ficati	ons.					
Age Periods.	N	o. of	Prim	ary N	otific	ation	s of r	iew ca	ises oj	f tube	rculo	sis.	lana.
Age 1 er was.	0-	1-	5-	10-	15-	20-	25-	35-	45-	55-	65-	Total all ages	Notifi cations
Pulmonary Males ,, Females. Non-Pulmonary	1	2	1		2 5	6 3	13 6	14 6	15 4	12 2	2	66 28	71 32
Males., Females.	i	1	1	2 3	3 2	3	1	2	i	1	1	10 14	10 14

Part II.—Supplemental Return.

New cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the above-mentioned period, otherwise than by formal notification.

, Age Periods.	0-	1-	5-	10-	15-	20-	25-	35-	45-	55-	65-	Total
Pulmonary Males , Females Non-pulmonary Males.	1			1	··· i	2 1	5 2 1	3 1	::	2	4	18 4 3
" Females.			1			1	1					3

The source or sources from which information as to the above-mentioned cases was obtained is stated below:—

Source of Information.	Numbe	r of Cases.
Source of Information.	Pulmonary	Non-pulmonary
Deaths Return— from local Registrars. transferable deaths from Registrar-General. Posthumous notifications. "Transfers" from other areas (other than transferable deaths) Other Sources if any	3 1 5 13	3 distance di la constance di

#### Part III. Notification Register.

Number of cases of Tuberculosis remaining at the 31st Decem-	I	ulmonary		No	n-pulmon	ary	mara
ber, 1945, on the Register of Notifications kept by the	Males	Females	Total	Males	Females	Total	Total Cases
Medical Officer of Health	482	435	917	338	308	646	1563
Number of cases removed from the Register during the year by reason inter alia of:— 1. Withdrawal of notification. 2. Recovery from the disease. 3. Deaths (All Causes) 4. Outward Transfers. 5. Otherwise (Lost Sight of, etc.)	10 41 7 2	8 21 9 1	18 62 16 3	19 3 3 1	16 3 5	35 6 8	53 68 24 4

#### Treatment of Tuberculosis.

#### The Tuberculosis Dispensary.

Sessions have been held each Tuesday, Wednesday, and Friday afternoon, and Wednesday evening. Children have been seen at a separate clinic on Thursday morning.

During 1946, 660 persons were examined for the first time. Of these :-

32 had been previously notified.

510 were sent for diagnosis.

118 were seen as Contacts.

Amongst the cases sent for diagnosis or treatment, the following conditions were found:—

Tuberculosi Tuberculosi															18
Bronchitis,	etc														70
Heart Disea	se														- 1
Unresolved	Pner	ım	OI	nia											1
Asthma															(
Bronchiecta	sis														24
Cancer of I	ung.														:
No Disease															311

#### Contacts.

The attendance of contacts has not been very satisfactory. 118 attended in 1946, and three were found to be tubercular. All contacts are asked to attend for examination to ensure that they have not contracted the disease from the patient, or what is equally important, been the source of the infection themselves. A large number refuse, giving no reason. They do not appreciate the value of an examination to the community and themselves.

#### Home Visits.

Where a case of Tuberculosis requiring supervision is not able to attend the Dispensary, he is seen at home. During 1946, 77 such visits were paid 24 of which were in consultation with the patients' own Doctor.

The Health Visitors paid 1,972 visits to tubercular patients' homes— These are to ensure the families' well-being, and are much appreciated.

#### Re-housing of Tuberculous Families.

During the year, 28 families of tuberculous patients, who were living under unsatisfactory conditions, were re-housed by the Corporation.

Milk was supplied to 20 new cases. The number of persons supplied with milk during the year has been 30.

The total number of families receiving rent assistance at the end of the year was two.

#### Bacteriological Examination of Sputa.

Specimens of Sputa examined at the Municipal Pathological Laboratory, Stepping Hill Hospital, were :—

11 0 1			Number Examine	Number Positive
Stepping Hill Hospital	 	 	708	 213
Borough Dispensary (inc				
tioners)	 	 	778	 75
Isolation Hospital			11	 -
Shaw Heath Institution	 	 	41	 4
Health Department	 	 	4	
Total	 	 	1542	 292

#### X-Ray Examinations.

These have been carried out at Stepping Hill Hospital by the Radiologist. A fee of 10/6d. is paid for each case.

This year 636 films were taken; in 1945 the number was 567.

#### Orthopaedic Treatment.

Cases of crippling, due to Tuberculosis, are treated at the Stockport Infirmary. These are seen by Mr. E. S. Brentnall, Hon. Orthopaedic Surgeon. We are greatly indebted to him for the skilful treatment of these cases.

The following is a summary of the work done during 1946 :-

- 16 Cases treated.
- 65 Out-patient attendances made.
- 8 X-Ray examinations.
- 86 Attendances for Ultra-Violet Light Treatment.
- 37 In-Patient days.
- 61 Attendances for Exercises.
- Massage.
- Short-wave Diathermy.

Valuable financial assistance has been given by the Trustees of the late Miss Maria Leigh in defraying the whole or part of the cost of surgical appliances in necessitous cases.

The Stockport Infirmary kindly deal with any tubercular cases requiring

surgical treatment and this help is much appreciated.

#### Ultra Violet Light Treatment.

The arrangements made for treatment by Ultra Violet Light, at the Stockport Infirmary, have been continued.

#### Dental Treatment.

One application for financial assistance in respect of dental treatment has been made during the year by one of the patients receiving treatment at the Borough Dispensary.

The Medical Superintendent of Stepping Hill Hospital now has authority to call in at his discretion a Dentist to carry out any necessary dental

treatment which will assist in the patient's treatment and recovery.

The arrangements, whereby Stockport patients at Westmorland Sanatorium receive dental treatment, have been continued.

#### Institutional Treatment.

Accommodation for the treatment of ca	ises of Puln	nonary	Tuberculosis
is provided as follows:—	Males.		Females.
Stepping Hill Hospital	32		20
Westmorland Sanatorium	7		3
Cheshire Joint Sanatorium	8		8

The beds out of Stockport have been filled throughout the year.

During the year 6 male patients have been admitted to Barrowmore Hall, Great Barrow, Chester. The beds are available for Stockport patients as required when a vacancy occurs,

Orthopaedic cases are accommodated as follows, and the numbers remaining on 31st December, were :—

Sir Robert Jones & Agnes Hunt Orthopaedic Hospital	2
Liverpool Open-Air Hospital	3
Ethel Hedley Orthopaedic Hospital	_
Crippled Children's Hospital, Marple	5

The demand for children's beds has been satisfied without undue waiting. There has been some delay in obtaining admission for adult cases.

#### Maintenance Allowances (Memorandum 266/T).

The Government's Scheme for financial assistance to tuberculous patients in accordance with Ministry of Health memorandum 266/T, has been in operation in this County Borough since November, 1943.

By this means financial assistance can be granted to certain classes of patients suffering from Pulmonary Tuberculosis and their dependants. It is unfortunate that this financial assistance so far has not been extended to cases of non-Pulmonary Tuberculosis and the more chronic type of Pulmonary Tuberculosis, but it may be that there will be a change in the financial arrangements in the near future.

There are three kinds of payments:—

- (1) Maintenance Allowances based on a standard scale and without any Means Test.
- (2) Discretionary Allowances on proof of need, towards meeting standing charges—such as high rent or rates, hire purchase instalments, insurance premiums and school fees—in cases where the patient would be unable to meet these liabilities.
- (3) Special Payments to meet certain special circumstances.

During the year 1946, 55 applications had been received. Maintenance allowances were granted in 43 instances, 9 special, and 2 Discretionary payments, involving a total expenditure of £2,532 3s. 8d.

#### Venereal Diseases.

TABLE OF INSTITUTIONAL TREATMENT AT VARIOUS TREATMENT CENTRES.

		Borough Dispensary Stockport.	Stockport Patients Treated at other Centres.
-	die and it is remided diment to	Number.	Number.
(1)	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:—		model or model
	Syphilis Soft Chancre Gonorrhoea Conditions other than Venereal Conditions undiagnosed at 31st December.	90  165 331 46	* * * * *
	Total	632	*Not available.
(2)	OUT-PATIENT CLINIC: Attendances	7848	1858
(3)	In-Patient Treatment: Number of days	444	30
(4)	EXAMINATION OF PATHOLOGICAL  MATERIAL:  For detection of Spirochetes,  Gonococci,  Wassermann Reaction	54 *1287	29 231

<sup>\*</sup>Including 203 specimens sent in by Private Practitioners and Institutions, and 378 specimens from patients of other Authorities.

In addition, 1,166 examinations of Smears, 1 examination of Urine and 45 Kahn tests in respect of patients attending the Borough Dispensary, and 17 examinations of Smears submitted by General Practitioners were carried out at the Municipal Laboratory, Stepping Hill Hospital, during the year.

## Compulsory Treatment of Venereal Disease-Regulation 33B.

Under the Venereal Diseases Rules, 1942, dated 16th November, made by the Minister of Health under Regulation 33B of the Defence (General) Regulations, 1939, seven notifications on Form 1 were received during the year, in respect of seven females.

The position, however, at the present time (1947), is that persons notified are visited by the Superintendent Health Visitor, who arranges for them to attend for examination at the Borough Dispensary at a time other than that on which the Venereal Diseases Clinics are held. In the case of those persons found not to be suffering from Venereal Disease, no further action is taken, but those who are found to be so suffering are requested to attend at the usual times of the Venereal Diseases Clinic for treatment.

# Maternity and Child Welfare.

CAUSE OF DEATH.	ı					FAN				LITY					
All causes	ı	1946	. Nett	Deaths	from	stated	caus	es at	variou	is Age	es und	er 1 Y	Year o	of Age	
Whooping Cough		CA	USE OF	Death			1.2 weeks.	00	3-4 weeks.	Total under 4 weeks.	4 weeks and under 8 months.	3 months and under 6 months.	6 months and under 9 months.	9 months and under12 months	
Diphtheria.   Cerebral Hæmorrhage   Diseases of the Heart   Diseases of the Heart   Diseases of the Heart   Diseases of the Stomach   Diseases of the Stomach   Diarrhoea and Enteritis   At   Diarrhoea and Enteritis   At   Diarrhoea and Enteritis   At   Diarrhoea and Enteritis   At   Diarrhoea   Diseases of the Stomach   Diarrhoea   Diseases   Disea	-	All cau	ses			39	14	9	8	70	25	20	15	8	138
Diphtheria.   Cerebral Hæmorrhage   Diseases of the Heart   Diseases of the Heart   Diseases of the Heart   Diseases of the Stomach   Diseases of the Stomach   Diarrhoea and Enteritis   At   Diarrhoea and Enteritis   At   Diarrhoea and Enteritis   At   Diarrhoea and Enteritis   At   Diarrhoea   Diseases of the Stomach   Diarrhoea   Diseases   Disea		Whoon	ng Con	ah									1	ann?	1
Cerebral Hæmorrhage	l	Dinhth	aria.	gu		10000							-	4.6	1
Diseases of the Heart						0.000	• •	**							
Bronchitis						1000				1000					
All Forms Pneumonia   1   2   2   2   7   5   7   1   5   25     Influenza										1000					
Congestion of Lungs						1	2	2			5	7	1	100000	25
Diseases of the Stomach.	H	Influenz	sa												
Diarrhoea and Enteritis.	1														
Congenital Malformations.         3          2         3         8         3          11           Congenital Debility           1         1         1         1          2           Premature Birth          25         1         1         1         28         1          29           Injury at Birth          2         1          3           3           Other Diseases peculiar	9														188.95
Congenital Debility	ŧ						4					7	6		28
Premature Birth         25         1         1         1         28         1          29           Injury at Birth         2         1          3           3           Other Diseases peculiar to Early Infancy         6         5         4          15          1             Accidental Burns	ş					3		2	25.0						
Injury at Birth	ŧ														
Other Diseases peculiar to Early Infancy 6 5 4 15 1 16 Accidental Burns	9	The second secon						1	1		1				
to Early Infancy 6 5 4 15 1 16  Accidental Burns	100					2	1			3					3
Accidental Suffocation	1	to	Early !	Infancy	y	6	5	4		15		1			16
Diseases of the Nervous System	1														
System	1										1				1
Diseases of Glands	3							libertal.	5 30	1116					
nettantion at Pinth	1										1	1			2
	100														
When Diseases   9 1   9 9 6 7 1 17	9	CONTRACTOR OF THE PARTY OF THE				9	·:	**			3	9		·i	15
	1					27.0	1				0		100	20	2
Manalas	1			ungo			85.					1	100	9238	
La l'uberculous Meningitis	200	A CONTRACTOR OF THE PARTY OF TH		eningit	is	1///									2

#### Notification of Births.

3,023 births were notified. This number of notifications shows an increase of 578 on those for 1945. The following table shows where these births occurred:—

		0	ases outsi	de	
Place of Birth.	Borough Co	1868.	Borough.		Total.
In Institutions.					
Stepping Hill Hospital			327		1372
Nursing Homes	. 226		125		351
	-	-	-		
Total	. 1271		452		1723
Ат Номе.					
Municipal Midwives			-		1279
Independent Midwives			-		2
Doctors' cases with Maternit	*				
Nurses			-		15
Other Persons	. 4		-		4
Total	. 1300		-		1300
Grand Total	. 2571		452		3023
	-				

#### Still-Births.

The number of still-births registered belonging to the Borough was 107, of which 100 were legitimate and 7 illegitimate.

#### Maternal Deaths.

The number of women who died in, or in consequence of child-birth was 3, which gives a Maternal mortality rate of 1.08 per 1,000 total births, compared with 6 deaths (2.70 per 1,000 total births) for last year. This Maternal mortality rate is the lowest ever recorded in the Borough.

The causes of death were as follows :-

Puerperal Sepsis...... 1 Post Abortive Infection...... 1
Obstetrical Shock...... 1

#### Supervision of Nursing Homes.

Ten Nursing Homes were registered in the Borough at the end of 1946; no new applications were received during the year. These Homes are inspected at four monthly intervals by the Assistant Medical Officer of Health for Maternity and Child Welfare, due attention being paid to premises, equipment and registers.

#### Supervision of Midwives.

During the year 69 midwives gave notice of their intention to practise in the Borough. These include 39 at the Stepping Hill Hospital, and 9 at Nursing Homes. Also 4 midwives who reside outside the Borough gave notice of their intention to practise within the Borough.

During the year the number of applications by Midwives for Medical assistance was 291, compared with 284 in 1945.

# Municipal Domiciliary Midwifery Service.

The arrangements for this Service were similar to previous years.

The following is a summary of the work done by the Municipal Midwives during 1946:—

Visits to Expectant Mothers	2606
Attendances at Ante-Natal Clinics	710
Interviews at Midwives' Homes	1245
Patients delivered	1279
Visits during Puerperium	18115
Special Visits, unclassified	656

#### Ante-Natal Clinics.

Year.	Numl	per of Moth	ers. To	tal Attendan	ces.
1935		1410		6620	
1936		1537		8614	
1937		1665		9202	
1938		1965		11096	
1939		2481		12062	
1940		2000		10398	
1941		2214		13031	
1942		2264		15936	
1943		2495		18490	
1944		2518		19884	
1945		2458		18961	
1946		3168		23030	
and the second s					

#### Post-Natal Clinics.

370 examinations were carried out at the Post-Natal Clinics during the year.

Health Visitors.

The Health Visiting Staff is the same as shown in the previous year's Report.

The state of the s	LWO.
Total number of houses visited	33782
First visits to births	2624
Revisits to births	8441
Visits to Outworkers	82
School Lectures	116
Visits re Deaths (Infantile)	125
Visits to Ante-natal Cases	372
Visits to children, 1 to 5 years	20860
Attendances at Maternity and Child Welfare Centres.	2153
Visits to Tuberculosis Cases and Contacts	2217
Nursed-out Children	54
Minor Infectious Disease	686
Midwives' Emergency Enquiries	264
Still-births	89
Ambulance Journeys	36
Attendances at T.B. Dispensary	231
Attendances at V.D. Dispensary	233
Immunisation Clinics	103
Unclassified Visits	983
Mothercraft Lectures	34
	0.4

#### Care of Premature Babies.

Previous to the publication of the Ministry of Health's Circular 20/44, the birth weight of all babies born in the County Borough of Stockport was notified upon the Birth Notification Card; since October, 1944, babies who were prematurely born were either removed to Stepping Hill Hospital within an hour or so of birth, or nursed at home with extra nursing care.

Since application of Circular 20/44, three special draught proof cots have been obtained, together with electric blankets and hot water bottles and other adequate equipment for the care of the premature baby born and remaining at home. Special nursing facilities are given.

Premature babies born in Hospital, on discharge are notified to the Medical Officer of Health, together with weight and particulars of feeding. Such cases are followed up by the Municipal Midwife of the district in which the child resides.

Premature babies born at home and in need of Hospital care are conveyed within an hour or so after birth in an ambulance with supply of oxygen, together with a heated basket and nurse in attendance.

Number of Premature Babies born on the district and nursed in accordance with the Ministry Circular is 39, all weighing at birth less than  $5\frac{1}{2}$  lbs. Twenty-six survived and 6 died at the age of 24 hours. In Hospital 118 premature babies were born and notified under  $5\frac{1}{2}$  lbs in weight, 89 survived.

Ch	ild Life Protection (Sections 206 to 220 of the Public Health Act, 1936).
(a)	Number of persons who were receiving children for reward at the end of the year
(b)	Number of children:  (I) at the end of the year
(c)	(III) on whom inquests were held during the year Nil.  Number of Child Protection Visitors at the end of the year who were:
(0)	(I) Health Visitors
(d)	Number of persons (in addition to or in lieu of Visitors under (c) above) or societies authorised to visit under the proviso to Section 2 (2) of the Children Act, 1908, the proviso to Section 209 (2) of the Public Health Act, 1936
(e)	Proceedings taken during the year :
200	No. of Cases
(f)	Number of Cases in which the local authority has given sanction during the year:
	(I) under (a) of Section 3 of the Children Act, 1908, Section 210 of the Public Health Act, 1936 Nil. (II) under (b)
(g)	Number of orders obtained during the year under Section 67 of the Children and Young Persons Act, 1932, Section 212 of the Public Health Act, 1936:
	(I) from a court of summary jurisdiction Nil. (II) from a single justice
Chi	ld Welfare Clinics
1	8 sessions are held weekly at 10 Centres. The number of new cases

18 sessions are held weekly at 10 Centres. The number of new cases entered in the registers was 2,270, the total weighings 43,964.

The number of children from one to five years on the register is 2,726.

Arrangements are made whereby each toddler can receive a thorough overhaul each year, on the lines of the routine School Medical Inspection. In 1946, 1,878 toddlers received such an examination, compared with 1,883 in 1945. There is still room for expansion in this work, and parents do not yet fully appreciate the value of this routine medical inspection.

The detailed figures for 1946 are given on the following page:

#### CHILD WELFARE CENTRES, 1946.

New Cases	Ch'ch gate. 315	Port- wood. 156		Edge- ley. 284	Wy- cliffe. 220		Great Moor 247	Hton. Mer 102	Ch. H'th 118	Hton. Cp'l 196	Total. 2270
Number on Register	544	292	1068	555	378	328	626	246	247	414	46988
Total Weighings	4577	2139	10083	5387	3165	4605	5907	1889	2115	4097	43964
Total Attendances.	9109	2805	18391	10176	4319	6798	10681	3618	4021	7698	77616
Medi'l Con- sultations	1500	685	2476	1382	823	1051	1578	647	708	992	118425
Spe'lTodd- lers' Ex'ms	230	102	625	191	68	177	184	79	84	138	18788

#### Diphtheria Immunisation.

Facilities for Diphtheria Immunisation are now provided at all Infant Welfare Centres.

During the year 1946, 1,722 children under five years received Primary Diphtheria Immunisation, and 206 a reinforcing dose (these children have been previously immunised).

None of these children were schick tested.

Table on page 35 gives comprehensive figures of children immuniseds for 1933-1946 by age groups.

#### Treatment of the Pre-School Child.

The Scheme for the treatment of the Pre-School Child set out in detail in the 1938 Report has been continued during 1946 with very satisfactory results.

Provision for the Treatment of Verminous Heads in the Pre-School Child.

The number of infected heads discovered during the year was 5, all in the course of home visitation by Health Visitors. In all cases facilities for treatment were provided by the Maternity and Child Welfare Department by the supply of hair shampoo and the loan of sacker combs. In every instance remedy was speedily effected.

## The Stockport Voluntary Committee for Maternity and Child Welfare.

During the year the splendid work for the benefit of the Mothers and Children of Stockport has again been an outstanding feature of this branch of social service, and our thanks are again due to the Voluntary Committee for their great help.

# rovision of Milk for Necessitous Mothers and Children.

During the year the Scheme for Milk for necessitous Mothers and Children as not been in force as in previous years. During 1940, this particular ervice was placed on a National basis, and is now performed by the Local lilk Officer of the Ministry of Food with the co-operation of this Department.

#### supply of Dried Milk.

Various brands of dried milk are sold at the Clinics at cost price. The mount supplied never exceeds the quantity required by the individual mild, and no other drugs or accessory food substances, such as cod liver of or emulsion, are sold at the Clinics.

## Quantities of milk supplied :-

Free		Nil.
	Total	91.755

WAR-TIME NURSERIES.

REPORT OF ATTENDANCES FROM JANUARY TO DECEMBER, 1946 (INCLUSIVE).

ONINGAO	Non	NORTH REDDISH	DDISH.	EI	EDGELEY.		D	DAW BANK.	IK.	Po	PORTWOOD.	D.		ADSWOOD.	OD.		BELMONT.	NT.
DATES.	19th	19th Jan., 1942.	1942.	2nd	2nd Feb., 1	1942.	16th	16th Feb., 1942.	1942.	13th	13th April, 1942.	1942.	12th	12th April, 1943.	1943.	26th	26th July, 1943.	1943.
	C	Children.		Ch	Children.		Ch	Children.		Ch	Children		0	Children.			Children.	1.
	-2	2-5	Total	-2	25	Total	- 22	2-2	Total	-2	2-5	Total	-2	5-5	Total	-2	2-5	Total
Approved Accom.	20	40	60	16	. 42	28	(1) 37 (2) 50	57	94	20	40	60	15	35	50	15	35	50
Total Attendances during year.	754	2184	2938	369	2339	2708	10010	1859 11869	11869	639	2215	2854	328	2349	2677	495	2416	2911
Aver. daily Attendance for period	9.9	28.7	38.6	4.7	30.4	35.1	32.9	18.9	51.8	8.3	28.7	37.0	9.	30.5	34.7	6.5	31.8	38.3
Maximum Daily Attendance	:	:	56 27th Mar.	:	:	59 7th Mar.	:	:	81 6th Feb.	:	:	54 22nd Feb.	:	:	53 26th Mar.	:	:	51 25th Feb.
Total Attend. Saturday morning.	10	06	100	8 67	156	184	559	101	099	49	134	183	16	135	151	=	88	66
Aver. Attend. Saturday morning	T.	6.9	7.6	2.1	12.0	14.1	11.4	6.3	17.7	3.7	10.3	14.0	1.2	10.4	11.6	œ.	6.8	7.6
Amount of Fees	13	£145 98. 0d.	.pq.	13	£133 28.	.po	£5	£585 58. 3d.	3d.	13	£140 88. 3d.	3d.	1813	£131 198. 3d.	d.	214	£144 68. 9d.	d.

Figures for the following Nurseries are given for the period 1st January, 1946—31st March, 1946:—North Reddish, Edgeley, Portwood, Adswood, Belmont. These Nurseries were taken over by the Education Committee on the 1st April, 1946. N.B.

Daw Bank Nursery. Figures for ages 2 - 5 given to 31st March, 1946.

The total attendances at the Nurseries for 1946, are summarised as follows:—

	1945.	1946.
North Reddish	13,773	 2,938
Edgeley	10,467	 2,708
Daw Bank	21,567	 11,869
Portwood	11,428	 2,854
Adswood	12,201	 2,677
Belmont	11,773	 2,911
	81,209	25,957

N.B.—Figures for the following Nurseries are given for the period 1st January - 31st March, 1946.

North Reddish, Edgeley, Portwood, Adswood, Belmont.

These Nurseries were taken over by the Education Committee on the 1st April, 1946.

It will be seen from the foregoing table that the Nurseries are justifying their establishment and serving a very useful purpose in giving so many of the future citizens of the Borough a healthier and a brighter start in life than they would otherwise have enjoyed.

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