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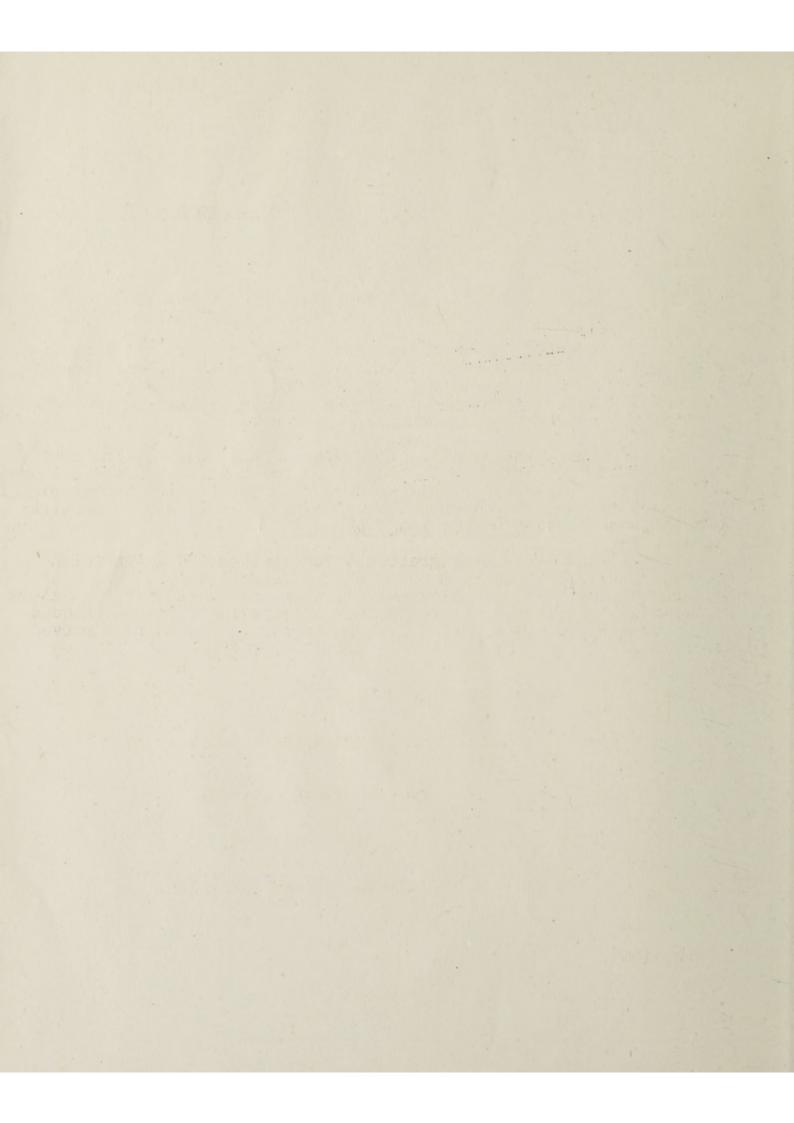
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BOROUGH OF MORPETH

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR 1944.



REPORT OF THE MEDICAL OFFICER OF HEALTH FOR 1944.

To the Mayor, Alderman and Councillors of the Borough of Morpeth.

Mr Mayor, Lady and Gentlemen,

I beg to submit to you the Annual Report for 1944, concerning the health and sanitary circumstances of the Borough.

This report is in rather more detail than those of recent years as the ban imposed for security reasons on the publication of figures of population etc., has now been lifted. It follows the lines of previous reports and there are no exceptional circumstances or events of outstanding importance to record.

In the Borough, as in all parts of the country, the most urgent problem requiring to be tackled is the housing shortage. Plans and other preparations for the building of a substantial number of new houses are well advanced and it is hoped that it may be possible to begin construction before long.

I must express my gratitude for the consideration which has been extended to me by members of the Council and for the support and assistance I have received from the staff of the Sanitary Dept. without which the difficult task of carrying on single-handed after the death of your late M.O.H. Dr Angus might well have proved impossible.

I have the honour to be,

Mr. Mayor, Aldermen, and Councillors,

Your obedient Servant,

C.B. McGREGOR.

Medical Officer of Health.

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BOROUGH OF MORPETH

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR 1944

Officers of the Public Health Department of the Local Authority.

Medical Officer of Health,)
Medical Officer Hospital)
for Infectious Diseases.)

Catherine B. McGregor, M.B., CH.B., D.P.H.

Chief Sanitary Inspector

F.K. Perkins, M.I.M. & C.E., M.R.S.I.

Assistant Sanitary) Inspector

J.C. Tweedy, M.S.I.A.

Offices of the Medical Officer 146, Station Road, Ashington. of Health

Telephone

Ashington 287

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Morpeth 36.

BOROUGH OF MORPETH.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH

FOR 1944.

SECTION A.

Statistics and Social Conditions of the Area.

Area in acres - 2,213

Registrar General's estimate of Resident population mid 1944 - 9,135

Rateable value - £55.565.

Sum represented by a penny rate - £218. 15s. 2d.

Number of inhabited houses (end of 1944) - 2,466.

Vital Statistics.

Births:-

Live Births.	Total	Male	Female
Legitimate	162	87	75
Illegitimate	11	5	6

Birth Rate per 1,000 of the estimated resident population - 18.94

		Still Births.	Total	Male	Female
		Legitimate	3	1	2
		Illegitimate	1	-	1
Ratie	ner	1,000 total (live and	still) hi	rths - 22	-6

Deaths:-

2000110			Total	Male	Female
			123	56	. 67
Death Rate	per 1,000	of the	population	- 13.46	

Deaths from puerperal causes (headings 29 and 30 of the Registrar General's short list):-

No.29 Puerperal Sepsis No.30 Other puerperal causes	Deaths. Nil Nil	Rate per 1,000 total (live and still)births. Nil Nil

1	Death Rate of infants under one year of age:-	
	All infants per 1,000 live births	24
	Legitimate infants per 1,000 legitimate live births43.	
	Illegitimate infants per 1,000 illegitimate live births90.	

Deaths	from	Cancer (all ages) 22
Deaths	from	Measles (all ages) Nil
Deaths	from	Whooping Cough (all ages) 1
Deaths	from	Diarrhoea (under 2 years) 2

The Registrar General supplies the following table:-

CAUSES OF DEATHS 1944.

		Male	Female
2. Cerebro spinal 3. Scarlet Fever. 4. Whooping Cough. 5. Diphtheria. 6. Tuberculosis of 7. Other forms of 8. Syphilitic dise 9. Influenza. 10. Measles. 11. Acute polio-mye 12. Acute inf. ence 13. Cancer of buc: 14. Cancer of breas 16. Cancer of all of 17. Diabetes. 18. Intra-cranial vi 19. Heart diseases. 20. Other dis: of call of 21. Bronchitis. 22. Pneumonia 23. Other resp: disact of call of 24. Ulcer of stomacal 25. Diarrhoea under 26. Appenditicis. 27. Other digve. di 28. Nephritis. 29. Puer: and post- 30. Other maternal 31. Premature birth 32, Con: mal: birth 33. Suicide. 34. Road traffic acal 35. Other violent of 36. All other cause	res: sys: tuberculosis. ases. 1: and polio-enceph: ph: cav: & oesoph:(M) uterus (F) ch and duodenum. it. ther sites. ascular lesions. irc: system. ich or duodenum. 2 years. s: abort: sepsis. causes. in inj: infant: dis: causes.		
Deaths of infants under one year.	(Legitimate	5 1	5
	Totals	6	2
	3.		

3.

INFANTILE MORTALITY - 1944.

Causes of death.					Total under 1 mth			6-9 mths	9-12 mths	Total under 1 yr.
Bronchitis	-1	-	_	_	_	_	1	-	1	2
Prematurity	3		-	-	3	-	-	-	-	3
Pneumonia	-	-	-		-	1	-	-	-	1
Gastro-enteritis		_	_	-	_	1	1	-	-	2
	3	-	-	-	3	2	2	-	1	8

SECTION B.

General Provision of Health Services for the Area.

LABORATORY FACILITIES.

Laboratory facilities are available at the Laboratory belonging to the Northumberland County Council. The extent to which these facilities were taken advantage of by the Medical Officer of Health and the local medical practitioners is shown in the table sub-joined.

Sent in	by.	Specimen.	Pos.	Neg.
C.C.T.O. Medical	Practitioners.	Sputa for tubercle.	4 3	13
M.O.H. Medical	Practitioners.	Swabs for C.Diphtheriae.	2 26	25 49
Medical	Practitioners.	Swabs for Haemolytic Streptococcus.	3	14
Medical	Practitioners.	Swabs for Vincents angina.	1	1
Medical	Practitioners.	Facces for organisms.		1
Medical	Practitioners.	Blood for Widal.	-	2
Medical	Practitioners.	Pleural Fluid for organisms.	1	2

AMBULANCE SERVICES.

The ambulance is a Bedford vehicle which was purchased in June 1939, and is the property of the Corporation of Morpeth. Two Civil Defence ambulance vehicles are also used. The use of the latter type of transport is necessary on account of the continuing increase in the demand for transport; the increase in the number of calls over 1943 being 153 - equal to 29.9%.

No. of cases carried during the year ... 665 No. of miles travelled during the year .. 16143

NURSING IN THE HOME.

District nurses - 3 (one for general nursing and two for mid-wifery cases).

TREATMENT CENTRES AND CLINICS.

The Northumberland County Council is the Welfare Authority for the Borough and sessions are held as follows:-

Infant Welfare Centre - Town Hall, every Monday 10 a.m. - 4 p.m. Antenatal Clinic - Town Hall, alternate Thursday, 10.30 a.m. An Orthopaedic Clinic is also held from time to time.

HOSPITALS, Public and Voluntary.

- (1) The Cottage Hospital (voluntary and E.M.S. Hospital) incorporating the Margaret and John Oliver Memorial.
- Staff: 1 Matron, 1 sister, 1 staff nurse, 2 assistant nurses, 4 probationer nurses.
- Accommodation for 28, includes 5 beds for non-civilian cases, disposed as follows 1 ward for 10 males, 1 ward for 6 females, the remainder accommodated in 5 other rooms.
- (2) St. George's Hospital, Morpeth.
- (3) Hospital for Infectious Diseases 14 beds belonging to the Corporation, became leased to the South East Northumberland Joint Hospital Board on 1st October, 1941.

SECTION C.

Sanitary Circumstances of the Area.

WATER.

The Corporation possesses its own water undertaking and the supply is augmented by water purchased from the Tynemouth Corporation. The water from both sources is chlorinated, that supplied by Tynemouth Corporation being treated by the vendors before it enters the district. It is of some interest to note that the average annual rainfall in the Borough over a period of 38 years is 26.16 inches while in 1942 it was 15.22 inches, in 1943, 18.65 inches and in 1944, 23.85 inches. Thus it will be seen that during these years the rainfall has been abnormally low, but in spite of this, the water supply to the Borough has been adequate for all demands made upon it. The pressure is sufficient and the quality satisfactory.

The average daily quantity of water consumed from the Borough undertaking was approximately 185,380 galls.

The average daily quantity from the Tynemouth Corporation was approximately 135,893 galls.

Total average daily consumption 321,273 galls.

This latter quantity was sufficient.

There still remain in the Borough 74 houses which are served by standpipes or other outside taps and will require to be dealt with in the post-war period. Certain other properties served by outside taps are of the "clearance" type and will be dealt with accordingly.

Apart from these, all houses in the Borough have a water supply laid on.

A number of samples of water was taken from taps in houses in different parts of the town and from the sources of supply and sent for bacteriological examination. The reports were satisfactory.

One sample of water was sent to the Public Analysts. Their report was as follows:

Sample from tap, 36 Bridge Street. Mixture of water from Tynemouth Corporation supply, Gubeon borehole, Tranwell Borehole and surface water from Reservoirs.

Chemical Results. Total solids dried at 180°C Chlorine as chlorides Free ammonia Albuminoid ammonia Nitrogen as nitrates Oxygen absorbed (4 hours at 80°F.) Total hardness Permanent hardness Temporary hardness Lead & copper Iron Appearance and colour Smell & taste

Microscopical examination of deposit

Parts per 100,000. 28.0 2.49 0.002 0.012 0.023 0,488 15.5 3.0 12.5 None None

Greenish yellow & clear Faint earthy: satisfactory

Satisfactory.

Report.

This sample of water contains a somewhat large amount of albuminoid ammonia and the oxygen absorbed figure is also high. Such high figures, however, are characteristic of the Tynemouth Corporation supply, because it is from a peat source, and of which this water is partly composed.

The other analytical figures do not give indications of any pollution and I am of the opinion that the water is suitable, from a chemical standpoint, for a Public Supply.

A regular check up for residual chlorine was also maintained, the orthotoluidine test being the one applied,

All the water mains were flushed regularly.

The two filter beds were periodically emptied and cleaned.

The water runaways on the collecting grounds were cleaned and cleared of all obstructions.

Both engines at the Gubeon pump house were overhauled, decarbonised and repaired.

A new floating arm was supplied and fixed to the lower reservoir and a new footbridge to the valve tower was constructed.

A new 2" water main 270 yards long was laid to the market gardens at the Borehole and the cottages supplied with water.

DRAINAGE AND SEWERACE.

The undermentioned alterations to and clearance of sediment in the existing drainage and sewerage systems within the Borough were carried out.

The following sewers were cleared of deposits of sand and grit and repaired:-

(1) 12" sewer, Staithes Lane, 200 yards. (2) 12" sewer, Bridge Street, 400

The 12" and 9" synhons under the River Wansbeck near Bennett's Walk and Dogger Bank Were overhauled and cleaned periodically.

At the Sewage Works: Improvements were made to the sludge lagoons by levelling and the laying of ashes. More ground was used for downward filtration in order to relieve the percolating filters and humus tanks.

The gas engine on the North side was overhauled, repaired, and new rings provided.

The storm water beds and percolating filters were overhauled and cleaned.

The paths, steps and walls were repaired and the buildings and iron work painted.

There were periodical inspections for rat infestation and destruction was carried out where found necessary.

RIVERS AND STREAMS.

No action, except as above indicated, was taken.

CLOSET ACCOMMODATION.

There were no additional water closets added to the system during the year.

PUBLIC CLEANSING.

Public cleansing is operated by direct labour. Refuse collection is carried out daily and is deposited in an old sand pit at Shadfen, some 1½ miles out of the town proper. This tip is in the area of the Morpeth Rural District Council amd is situated 200 yards from the Choppington Road and there are no buildings within 400 yards.

This tip will probably last three years.

A new refuse collection vehicle (Bantam Karrier) was purchased and put into operation.

SANITARY INSPECTOR'S REPORT. Sanitary Inspection of the Arca.

	Defective and insufficient ash accommodation		27
		-	55
	New drains inspected		11
4.	Obstructed drains ,		61.
5.	Disinfected rooms and houses		24
6.	Patients removed to Hospital		14
7.	Dangerous chimney and gables		2

8.		 	 	1
9.	Additional water closets	 	 	5

CAMPING SITES.

There are no civilian camping sites within the district.

SMOKE ABATEMENT.

No action taken under this heading.

SWIMMING BATHS AND POOLS.

There is none within the district.

ERADICATION OF BED BUGS.

(1) Number of Council houses found to be infested during the year was five.

Number of private houses found to be infested during the year was Nil.

- (2) The method employed for disinfesting houses is by means of Zaldecide as a spray.
- (3) The method employed for ensuring that the belongings of tenants are free from vermin before removal to Council houses is by (2) above.
- (4) Disinfestation has been carried out by, or under the supervision of, the Assistant Sanitary Inspector.

RATS AND MICE INFESTATION.

Destruction of rats and mice was carried out continuously throughout the year by a council employee occupied full-time.

The whole of the sewer manholes were treated on two occasions in accordance with the instructions issued by the Ministry of Food. The river banks and refuse tips were also regularly inspected and the rats destroyed.

Residential and business premises -

Number of inspections made ... 218
Number of premises baited ... 218

SCHOOLS.

There are five schools, including the New Senior School at Mitford Road for elementary school children and two schools for secondary education, all having a water supply from the Corporation mains and modern sanitary convoniences. The New Senior Schools have H. & C. water showers.

SECTION D.

HOUSING

The following is a tabular statement for the year 1944.

Number of new houses erected during the year:-

		With State		
	cal Authority. mer Bodies or Persons.	Assistance.	Unaided.	Total
Inspec	tion of Dwelling Houses dur	ing the Year:-		
l. (a	housing defects (under Pul Housing Acts)	blic Health or		110
(b) Number of inspections made	e for the purpos	se	110
2. (a	n) Number of dwelling houses head (1) above) which were recorded under the Housing	e inspected and		
	Regulations, 1925			Nil
(b) Number of inspections made	e for the purpos	se	Nil
3.	Number of dwelling houses so dangerous or injurious unfit for human habitation	to health as to	o be	Nil
4.	Number of dwelling houses referred to under the pred not to be in all respects human habitation	ceding sub-head	found for	110
Remedy	of Defects without service	of formal notic	ces.	
	Number of defective dwell: fit in consequence of info Authority or its officers	ormal action by	Local	110
Action	under Statutory Powers - N	il.		

SECTION E.

INSPECTION AND SUPERVISION OF FOOD.

MILK SUPPLY.

There are eight cowkeepers, none of whom appears on the list of licences for Tuberculin Tested or Accredited Milks issued under the Food & Drugs Act, 1938, Milk (Special Designations) Regulations 1936 - 1941. There are ten milk purveyors in the Borough, including the eight above mentioned producers.

One of the purveyors supplies Tuberculin Tested (certified) milk while another producer supplies pasteurised milk.

The cow byres have been regularly visited and the dairy premises inspected.

Thirty six samples of milk were taken by your Inspector and sent to the County Laboratory for report.

For Cleanliness: On testing for B. coli there were eight samples which failed to pass the test. Further samples, however, taken at a later date were again submitted and proved to be satisfactory.

For Tuberculosis: Twenty samples of milk from herds, some within and some without the Borough, were submitted to the County Laboratory for the biological test for M. tuberculosis. All these samples were found to be free from any such contamination.

Notices for lime-wahing of cow houses were sent out and these were complied with.

Dairies & Cowsheds.

Cowkeepers 8	Inspections made	150
Dairies and Milk	Notices served	36
Purveyors 10		

Meat and other Foods.

The slaughter houses situated in the Borough were still under the jurisdiction of the Ministry of Food and therein was carried out the slaughtering of cattle for the Borough of Morpeth, and the Rural District of Morpeth.

The slaughtering of the cattle was carried out by a contractor appointed by the Ministry under the supervision of a slaughter house manager, also appointed by the Ministry of Food.

The total number of animals slaughtered for human consumption was as follows:-

Bovine		 1,805
Sheep	embs	 9,732
Pigs		 138
Calves	 	
		11,737

All these carcases were inspected and the following surrendered as unfit for human consumption:-

Bovine			
Sheep a	and La	mbs	 112
Pigs			 3
Calves			
		11.	160

In addition to the above the following were surrendered:-

				Cwts.	Qrs.	Lbs.
Ox livers				16	1	16
				2	-	9
Ox head and tongue		• • •		5	-	14
Nam	• • •	• • • •	• • •	10	1	6 2
Tripe and embryo	• • •	• • •		10	_	18
Poof	• • •			5	2	22
Mutton				_	_	13
Pork				-	2	5

These were handed to the Ministry of Food for appropriate disposal. The weight of these carcases was 17 tons. 19 cwt. 10 lbs.

Below is found in table form certain information relating to the Ante and Post Mortem Inspections of animals.

	Cattle excluding cows.	Cows.	Calves.	Sheep and Lambs	Pigs.
NUMBER KILLED	1805	232	62	9732	138
Number inspected.	1805	232	62	9732	138
All Diseases except Tuberculos Whole carcases condemned:-	<u>is.</u> 5	6	3	112	3
Carcases of which some part or organ was condemned:-	78	34	3	17	3
Percentage of number inspected affected with disease other than Tuberculosis:-	4.59	17.24	9.67	1.32	4.34
Tuberculosis Only.	Bovine.	Cows.	Calves.	Pigs	
Whole carcase condemned:-	11	20	Nil	Nil	
Carcases of which some part or organ was condemned:-	15	29	Nil	Nil	
Percentage of the number inspected affected with T.B.	1.44	21.12	Nil	Nil	

The following preserved foods were condemned:-

		Fish.		116	tins	condensed milk
5	tins	corned beef		20	tins	chopped ham
55	lbs.	bacon		35	tins	pilchards
41	tins	salmon		33	tins	Irish stew
14	lbs.	tea		188	lbs.	prepared puddings.
62	lbs.	rice		1.2	lbs.	cooked ham
25	sts.	flour		13	lbs.	rolled oats
		glucose		72	tins	luncheon meat
15	tins	sandwich spread		5	tins	ham loaf
9	tins	herrings.	,			beef tongue
		beans				mackeral
9	tins	peas		4	tins	Casserole steak.

SECTION F.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS

AND OTHER DISEASES.

Hospital accommodation for cases of infectious disease was provided throughout the year at the Ashington Unit of the South East Northumberland Joint Hospital Board, of which the Corporation is a constituent.

Disease.	Total Cases Notified.	Cases Admitted to Hospital.	Total Deaths.
Scarlet Fever Diphtheria Pneumonia Erysipelas Puerperal Pyrexia Cerebro spinal fever Acute encephalitis Dysentery Measles Whooping Cough	7 14 9 5 1 1 1 1 116 8	l 13 Unknown	1 1 2

Table Showing Analysis of Notified Cases of Infectious Diseases under Age Groups.

	Und											65 &	
0 3 1 5	l yr.	1-	2-	3-	4-	5-	10-	15-	20-	35-	45-		Total
Scarlet Fever	-	-	-	1	1	3	1	-	-	1	-	4	7
Diphtheria	-	~	-	-	2	7	4	-	-	1	-	-	14
Pneumonia	-	-	-		-		-	-	3	1	4	1	9
Erysipelas	-		-	-	-		-	_	1	1	3	-	5
Puerperal Pyrexia	-		-	-	-	-	-	-	1		_	-	í
Cerebro Spinal Fever	-	1	-	-	-	-	-	-	-	-	-	-	1
Acute encephalitis	-	-	-	-	-	1	-	-	-	-	-	-	1
Dysentery	-	-	-	-	-	-	-	-	_	-	-	1	1
Measles	4.	4	11	6	11	63	9	6	2	-	-	-	116
Whooping Cough	-	1	-	3	-	4	-	-	-	-	-	-	8

Typhoid and Paratyphoid Fevers.

No cases were reported during the year.

Diphtheria.

There were 14 cases of diphtheria notified during the year and of these 11 were known to have been immunised. Thirteen cases were removed to hospital and there was one death which occurred in a non-immunised child.

Diphtheria Immunisation.

Visits were paid to the schools in the Borough in the months of November and December for the purpose of carrying out inoculations.

In addition to the inoculations carried out at the schools, 22 children were treated by private practitioners under the Council's scheme.

The following table gives the immunisation state of the child population at the end of December 1944.

Under 5 years 62.14% Between 5 & 15 yrs . 77.55%

Anterior and posterior Schick testing were not practised.

Measles.

During the year 116 cases of measles were notified, and of these 92 occurred in an epidemic which prevailed during the months of November and December. The cases fortunately were mainly of a mild type and no deaths occurred.

Defence (General) Regulations 1939, Scabies Order, 1941, No 33A.

The incidence of scabies showed a marked decrease during the year. This was reflected in a corresponding decrease in the number of persons treated for scabies and other verminous conditions. There were 37 persons treated for "Scabies Only" as compared with 88 in the previous year. Those treated for "Scabies & Lice/ numbered 3 as compared with 37 and those treated for "Lice Only" numbered 3 as compared with 6 in 1943.

The cleansing station at the Willows was used as and when required during most of the year, but with the reduction of the Civil Defence services and the closing of First Aid Posts in September, the Willows was taken over for storage purposes, and the premises ceased to be available for use as a cleansing station. Following this the Ashington cleansing unit remained the only one available and patients were transported there when necessary by the Civil Defence ambulance.

Clinics continued to be held at Ashington unit twice weekly and treatment was carried out daily except Sundays.

The following table shows the number of persons from Morpeth Borough who were treated according to their ages and the conditions from which they suffered.

	Scabies	only.	Scabie	s & Lice.	Lice	Only.		es not vered.
	M.	F.	W.	F.	M.	F.	M.	F.
Over 16 yrs.	2	8	-	-	-	-	-	6
5 - 16 yrs.		7	-	3	-	3	2	1
Under 5 yrs.	3	4					_	_
	18	19	-	3	_	3	2	7

Also appended is a table showing the total number treated from all the five districts included in the No.2 Medical Area.

		CONTROL OF THE PARTY OF THE PAR	Control of the second second						
	243	272	38	107	3	25	35	74	
		Name and Address of the Owner, or	-		-				
Under 5 yrs.	43	36	5	11	1	-	7	10	
5 - 16 yrs.			33	67	2	15	17	12	
Over 16 yrs.	, 56	124		29	-	10	11	52	
	M.	F.	M.	Б.	Μ.	F.	1/1 •	F.	
	2.0	הד	2.0	TO	3.5	TP	P.07	T	
	Scabies Only.		Scabi	es & Lice.	Lice	Only.			
		*					Scabi	es not	

TUBERCULOSIS

New Cases and Mortality During 1944.

Periods 0- 1- 5- 15- 25- 35- 45- 55- 65 & over	R M - 2 1	esp.	Cases Non-R M 1 2			Re M.	De sp. F 2 1 - 1 - 1 - 1	Non-R	esp. F.
	4	11	3	3		-	4	-	-
	No.	tified	death	s fro	n Tube	rcul	osis	osis	. 3

CANCER MORTALITY

	Males	E	emale:	3
Ovary Breast Rectum Stomach Caecum Prostate Bladder Colon Pancreas Pharynx Mouth Uterus Larynx - 1	2 - 2 - 1 1 - 1 - 1 - 1	40 45 - 1 - 1	55 65 1 122 1 1 1 5 6	Total 3 3 2

Birth-rates, Civilian Death -rates, Analysis of Mortality, Maternal Mortality and Case rates for certain Infectious diseases in the Year 1944. Provisional figures based on Weekly and Quarterly Returns.

rear 1944. Provisions	al figures b	ased on Wee	kly and Quarter	ly Returns.
	England	126 C.Bs.	148 Smaller	London
		and great	Towns	
	and	Towns	Resident Pop.	Adm.
	711. 7	including	25,000 -	
	Wales.	London.	50,000 at	County
*Dotog pos	1 000 03-3	1	1931 census.	
Livel Births	1,000 Civi	lian Popula		35.0
Still "	17.6 \$	20.3	20.9	15.0
Deaths	0.50 ≠	0.64	0.61	0.42
All Causes	11.6 ≠	12 0	10 /10	35.0
Typhoid and	TT.00 }	13.7	12.4	15.7
Paratyphoid	0.00	0.00	0.00	0.00
Scarlet Fever	0,00	0.00	0.00	0.00
Whooping Cough	0.03	0.03	0.02	0.04
Diphtheria	0.02	0.03	0.03	0.01
Influenza	0.12	0.10	0.11	0.08
Smallpox	0.00	_	-	-
Measles	0.01	0.01	0.01	0.00
Rates per	1,000 Live		0.01	0.00
Deaths under 1 Year				
of age	46. 1	52	44	61
Deaths from Diarrhoea				
& Enteritis under 2				
Years of Age	4.8	7.3	4.4	10.1
* A dash (-) signifies	s that there	e were no deaths	3.
/ Per 1,000 related births				
# Rates per 1,000 Total population.				
* Rates pe	r 1,000 Civi	llian Popula	ation:-	
Notifications:-	0 07	0 07	0.07	
Typhoid fever	0.01	0.01	0.01	0.01
Paratyphoid fever	0.01	0.00	0.01	0,01
Cerebro Spinal Fever	0.05	0.06	0.04	0.06
Scarlet Fever	2.40	2.41	2.67	1.57
Whooping Cough	2.49	2.49	2.29	2.90
Diphtheria	0.58	0.67	0.69	0.31
Erysipelas	0.29	0.32	0.28	0.37
Smallpox	0.00	0.00	0.00	0.00
Measles Pneumonia	4.16	4.51	3.94	2.98
THE RESIDENCE OF THE PARTY OF T	0.97	1.13	0.82	0.93
Rates per 1,000 Total Births (Live and Still):- (a) Notifications:-				
Puerperal Fever) 10.34	13.13	9.25	(3.61
Puerperal Pyrexia	3 10.74	17017	2.60	(≠14.14
(b) Maternal Mortalit	v - England	and Wales:		(/11011
No.140 No.141 No.147 Nos. 142-6				
Abortion Abortion		Puerperal 148-150		
			Infections Other	
0.31 0.09 0.28 1.25				
Abortion: Mortality per million women aged 15-45				
-England and Wales:-				
No.140 With Sepsis	No.141 Without Sepsis			
25 7				
≠ Includi:	ng Puerperal	fever		

